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## **An annotated checklist of the tree species of French Guiana, including vernacular nomenclature**

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# An annotated checklist of the tree species of French Guiana, including vernacular nomenclature

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## ABSTRACT

We present a list of tree species of French Guiana, based on data collected from herbarium specimens and tree inventories, and verified against all available taxonomic literature to date. The list contains 1811 taxa representing 87 families and 421 genera, including 143 unnamed species which either may be species not previously recorded in French Guiana, or taxa new to Science. Original demographic data such as global abundance, local maximum frequency and geographic dispersion, are given for the 1293 species present in tree inventories. Our work has led to the recognition of certain taxonomic and nomenclatural novelties, including a new combination in *Lecythis* Loeffl. (Lecythidaceae),

**KEY WORDS**

French Guiana,  
trees,  
scientific names,  
vernacular names,  
abundance data,  
lectotypifications,  
new combination,  
new synonyms.

several lectotypifications and new synonyms, as well as reinstatement of *Sloanea acutiflora* Uittien (Elaeocarpaceae), *Eugenia sinemariensis* Aubl. (Myrtaceae), and four species of *Inga* (Leguminosae). In addition, we provide the most comprehensive list available to date of corresponding vernacular names (4354 for 1157 species) in nine languages spoken in French Guiana: Palikur, Kali'na, Teko, Wayápi, Wayana, Nengee tongo (Aluku/Ndjuka/Paramaka), Creole, French, and Brazilian Portuguese. The checklist is complemented by indexes of exsiccata, vernacular names and scientific names. The introductory part is available in French and English.

**RÉSUMÉ**

*Catalogue annoté des espèces d'arbres de Guyane française, avec la nomenclature vernaculaire.*

Nous présentons une liste des espèces d'arbres de Guyane française, basée sur des données issues de spécimens d'herbiers et d'inventaires d'arbres. Les noms ont été vérifiés au regard de toute la littérature taxonomique disponible à ce jour. La liste contient 1811 taxons représentant 87 familles et 421 genres, dont 143 espèces non nommées qui peuvent être soit des espèces non répertoriées précédemment en Guyane française, soit des taxons nouveaux pour la Science. Des données démographiques originales telles que l'abondance globale, la fréquence maximale locale et la dispersion géographique, sont données pour les 1293 espèces présentes dans les inventaires d'arbres. Nos travaux ont conduit à la reconnaissance de quelques nouveautés taxonomiques et nomenclaturales, dont une nouvelle combinaison dans le genre *Lecythis* Loeffl. (Lecythidaceae), plusieurs lectotypifications et nouveaux synonymes, ainsi que la réinstallation de *Sloanea acutiflora* Uittien (Elaeocarpaceae), d'*Eugenia sinemariensis* Aubl. (Myrtaceae), et de quatre espèces du genre *Inga* (Leguminosae). En outre, nous fournissons la liste la plus complète disponible à ce jour des noms vernaculaires correspondants (4354 pour 1157 espèces) dans neuf langues parlées en Guyane française : Palikur, Kali'na, Teko, Wayápi, Wayana, Nengee tongo (Aluku/Ndjuka/Paramaka), Créole, Français, et Portugais du Brésil. Le catalogue est complété par des index des exsiccata, des noms vernaculaires et des noms scientifiques. La partie introductive est proposée en français et en anglais.

**MOTS CLÉS**

Guyane française,  
arbres,  
noms scientifiques,  
noms vernaculaires,  
données d'abondance,  
lectotypifications,  
combinaison nouvelle,  
synonymes nouveaux.

**PRESENTATION**

Amazonian forests are considered hyper-diverse (ter Steege *et al.* 2020) and perhaps the most visible expression of this is their extreme tree species richness. A first correlate of this great diversity is that most species are very rare, and therefore difficult to observe, collect and describe; a second correlate is the very high variability of the species mix, at all scales of observation, which means that the species composition of a forest area, whatever its size, can only be very imperfectly predicted from that of its surroundings (ter Steege *et al.* 2020). It is thus very likely that vast still unexplored areas of tropical forest are home to many species still unknown to science. So too, it is hardly surprising that the estimation of Amazonian tree species has recently been the subject of heated debate: on the lower end of the range, Cardoso *et al.* (2017) project 6727 species whereas ter Steege *et al.* (2020) estimate up to 15 874 species (trees are defined as having a trunk of 10 cm or more in diameter at 1.3 m from the ground). At the root of these numerical discrepancies lies a lack of basic data, rather than methodological differences used in estimation, the later explanation suggested by Cardoso *et al.* (2017).

The case of French Guiana illustrates the variation in completeness of floristic inventory in general, and that of tree species in particular. French Guiana is one of the most botanically explored regions in Amazonia. Yet the

**PRÉSENTATION**

L'expression la plus visible de l'hyperdiversité des forêts amazoniennes est probablement leur extrême richesse en espèces d'arbres (ter Steege *et al.* 2020). Un premier corollaire de cette grande diversité est que la plupart des espèces sont très rares et donc difficiles à observer, à collecter et à décrire; le second corollaire est la très forte variabilité du mélange d'espèces, à toutes les échelles d'observation, ce qui signifie que la composition en espèces d'une surface de forêt, quelle que soit sa taille, ne peut être que très imparfaitement prédite à partir de la composition des forêts environnantes (ter Steege *et al.* 2020). Il est donc très probable que les vastes zones forestières encore inexplorées abritent de nombreuses espèces inconnues de la science. Dans ce contexte, il n'est guère surprenant que l'estimation du nombre d'espèces d'arbres en Amazonie ait récemment fait l'objet d'un débat animé: d'un côté Cardoso *et al.* (2017) annoncent 6 727 espèces, tandis qu'à l'autre extrême ter Steege *et al.* (2020) prédisent jusqu'à 15 874 espèces (les arbres étant définis comme ayant un tronc d'au moins 10 cm de diamètre à 1,3 m du sol). Ces divergences de chiffres tiennent surtout au manque de données de base, bien plus qu'à des différences dans les méthodes d'estimation, une explication pourtant suggérée par Cardoso *et al.* (2017).

Le cas de la Guyane française illustre bien les lacunes de l'inventaire floristique en général, et de celui des espèces d'arbres en particulier. La Guyane française a beau être l'un des territoires les mieux inventoriés d'Amazonie, les forêts de l'intérieur sont

TABLE 1. — Taxonomic and nomenclatural novelties. The numbers between brackets refer to accepted taxa, as numbered in the checklist/Nouveautés taxonomiques et nomenclaturales. Les numéros entre parenthèses font référence aux taxons acceptés, tels que numérotés dans le catalogue.

## LECTOTYPIFICATIONS

<i>Blondea latifolia</i> Rich., <b>new lectotype</b> , J.B. Leblond 209 (lecto-, P[P02440487]; isolecto-, G[G00104361], P[P02440486, P02440488])..... [463]
<i>Byrsonima aerugo</i> Sagot, <b>new lectotype</b> , P.A. Sagot 102 (lecto-, P[P05529869]; isolecto-, BM[BM000796094], BR[BR0000008497468], GOET[GOET007083, GOET007084], P[P05529871], S[S08-15040])..... [989]
<i>Clusia palmicida</i> Rich. ex Planch. & Triana, <b>new lectotype</b> , L.C. Richard s.n. (lecto-, P[P01901181]; isolecto-, P01901182) ..... [371]
<i>Elizabetha princeps</i> R.H.Schomb. ex Benth., <b>new lectotype</b> , R.H. Schomburgk s.n. (lecto-, K[K000264886]; isolecto-, K[K000264887, K000264888]) ..... [907]
<i>Endlicheria grandis</i> Mez, <b>comment and amendment</b> [666]
<i>Gardenia integra</i> A.Rich., <b>new lectotype</b> , L.C. Richard s.n. (lecto-, P[P00836504]) ..... [1481]
<i>Guarea megantha</i> A.Juss., <b>new lectotype</b> , J. Martin s.n. (lecto-, P[P02288028]; isolecto-, P[P02288029, P02288030, P02288031, P02288032]) ..... [1123]
<i>Inga cayennensis</i> Sagot ex Benth., <b>comment and amendment</b> ..... [821]
<i>Licania canescens</i> Benoist, <b>new lectotype</b> , Mélinon 13 (lecto-, P[P00745971]) ..... [322]
<i>Moquilea licaniiflora</i> Sagot, <b>new lectotype</b> , J. Martin s.n. (lecto-, P[P00746011]; isolecto-, P[P00746012, P00746013], K[K000220643]) ..... [360]
<i>Moronobea coccinea</i> Aubl., <b>new lectotype</b> , J.B. Aublet s.n. (lecto-, BM[BM000611835]) ..... [378]
<i>Ocotea rubra</i> Mez, <b>new lectotype</b> , Mélinon s.n. (lecto-, P[P00711131]; isolecto-, B[B100244360, B100244361], P[P00711132, P00711133]) ..... [673]

<i>Pourouma minor</i> Benoist, <b>new lectotype</b> , R. Benoist 960 (lecto-, P[P00756800]; isolecto-, P[P00756799]) ..... [1753]
<i>Tariri guianensis</i> Aubl., <b>new lectotype</b> , J.B. Aublet s.n. (lecto-, P-JU[P00678733]; isolecto-, <i>fide</i> Howard [1983: 287]; BM, P[not seen]) ..... [1395]

## NEW COMBINATION

<i>Lecythis praeclara</i> (Sandwith) S.A.Mori ex Molino & Sabatier, comb. nov. .... [727]
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## REINSTATEMENTS

<i>Eugenia sinemariensis</i> Aubl. .... [1252]
<i>Guarea megantha</i> A.Juss. .... [1123]
<i>Inga jenmanii</i> Sandwith ..... [835]
<i>Inga longipedunculata</i> Ducke ..... [840]
<i>Inga mitaraka</i> Poncy ..... [845]
<i>Inga sarmentosa</i> Glaz. ex Harms ..... [857]
<i>Sloanea acutiflora</i> Uittien ..... [449]

## NEW SYNONYMIES

<i>Aydenodon salicifolium</i> (Sw.) Nees, <b>syn. nov.</b> ..... [575]
<i>Caraipa latifolia</i> Aubl., <b>syn. nov.</b> ..... [338]
<i>Eugenia coffeifolia</i> DC., <b>syn. nov.</b> ..... [1252]
<i>Guarea grandifolia</i> DC., <b>syn. nov.</b> ..... [1123]
<i>Icica acuminata</i> Poir., <b>syn. nov.</b> ..... [192]
<i>Miconia punctata</i> var. <i>latifolia</i> Cogn., <b>syn. nov.</b> ..... [1062]
<i>Moronobea grandiflora</i> Choisy, <b>syn. nov.</b> ..... [378]
<i>Oreodaphne cayennensis</i> Meisn., <b>syn. nov.</b> ..... [625]
<i>Tovomita bahiensis</i> Engl., <b>syn. nov.</b> ..... [389]
<i>Tovomita choisyana</i> Planch. & Triana, <b>syn. nov.</b> ..... [389]
<i>Tovomita excelsa</i> Andrade-Lima & G.Mariz, <b>syn. nov.</b> ..... [389]
<i>Tovomita melinonii</i> Vesque, <b>syn. nov.</b> ..... [389]

forests of the interior are still little explored, and their flora poorly known. Although a first work on the trees of French Guiana was produced as early as 1933 (Benoist 1933), the last complete flora of the territory dates from the 1950's (Lemée 1953) and is obsolete. The *Guide to the Vascular Plants of Central French Guiana* (Mori et al. 2002), as well as regional or continental monographs published by the *Flora Neotropica* and *Flora of the Guianas* consortia are irreplaceable sources of information, but until now, there has been no reliable checklist of tree species for French Guiana.

After years of effort, we fill this debilitating scientific lacuna by producing the most comprehensive autochthonous tree species list for French Guiana; not merely a list, this work contains exhaustive synonymies and all known vernacular names, as well as demographic data derived from inventories of over 143 000 trees in 317 plots of varying shapes and size.

encore très peu explorées, et leur flore est toujours mal connue. Bien qu'un premier travail sur les arbres de la Guyane ait été publié dès 1933 (Benoist 1933), la dernière flore complète du territoire remonte aux années 1950 (Lemée 1953) et elle est obsolète. Le *Guide to the Vascular Plants of Central French Guiana* (Mori et al. 2002), ainsi que les monographies régionales ou continentales publiées par les consortiums *Flora Neotropica* et *Flora of the Guianas* sont des sources d'informations irremplaçables, mais il n'existe toujours aucune liste fiable des espèces d'arbres de Guyane.

Après des années d'efforts, nous comblons aujourd'hui cette lacune scientifique avec la liste la plus exhaustive possible des espèces d'arbres autochtones de Guyane française. Loin d'être seulement une liste, ce travail présente une synonymie exhaustive de chaque espèce, ainsi que d'autres informations telles que les listes de tous les noms vernaculaires connus et des données démographiques issues de l'inventaire de plus de 143 000 arbres sur 317 relevés botaniques de tailles et de formes variées.

## MATERIAL AND METHODS

## STUDY AREA

French Guiana is a single territorial collectivity of France located on the north-east Atlantic coast of South America. Together with Guyana, Suriname, and neighbouring parts of Venezuela, Brazil and Colombia, it lies on the Guiana Shield. This geological formation, one of three Precambrian cratons of the South American Plate, is characterised by very eroded reliefs culminating in the west with the tepuis of Venezuela, Guyana and Roraima, and by very poor, acidic soils. Among Amazonian forests, those of the Guiana Shield are characterised by a relatively low tree species diversity and by a dominance of families rich in large-seeded and hardwood tree species (notably Leguminosae, Lecythidaceae and Chrysobalanaceae) (ter Steege *et al.* 2000).

Due to its eastern location on the northern slope of the Guiana Shield, French Guiana has both a low relief (mean altitude ca. 140 m above sea level), with rare summits reaching 800 m above sea level, and a hydrographic network made up of coastal rivers; the most important of these rivers, the Oyapock and the Maroni, mark the borders with Brazil (State of Amapá) and Suriname, respectively. French Guiana's climate is equatorial, having annual rainfall ranging from 2000 mm in the south and extreme northwest to more than 4000 mm in the northeast (Héritier 2011). Equatorial lowland rainforests still cover about 90% of its 83 000 km<sup>2</sup> area.

Although environmental conditions lack strong gradients and are fairly uniform throughout the territory, French Guianan forest cover is variable, and forests vary both in structure and floristic composition. In particular, there is a marked difference between the forests of the north, which belong to the "Guianan dense forest arch" (Gond *et al.* 2011), and forests of the south. The former have a more closed canopy, are less dynamic and are dominated by Chrysobalanaceae, Lecythidaceae and slow-growing, hard-wooded Leguminosae, whereas the latter are more open and dynamic, comparatively less species-rich and are dominated by Burseraceae, Urticaceae and fast-growing Leguminosae species of the mimosoid clade (Guitet *et al.* 2018). In the extreme south, the forests of the Tumuc-Humac range are just as diverse as those of the north and center, but their composition exhibits a greater affinity to the forests of central Amazonia.

The attractiveness of French Guianan forests for scientific study by botanists and ecologists lies largely in their relatively high level of conservation compared to that found in neighbouring countries. These well-preserved forests are not the result of a political will to protect them, which is real today but relatively recent, but rather by neglect because anthropic pressure on these forests has, at least since the colonization and until recently, always been limited. This relatively low human impact on forests is attributable to overall moderate population density, primarily concentrated in the northern coastal zone. This said, it is also a consequence of French Guiana being a French territorial collectivity and as such benefits by having a higher standard of living than neighbouring countries and imports from overseas a large part of

## MATÉRIEL ET MÉTHODES

## ZONE D'ÉTUDE

La Guyane est une collectivité territoriale française située sur la côte nord-est de l'Amérique du Sud. De même que le Guyana, le Surinam, et les parties voisines du Venezuela, du Brésil et de la Colombie, elle repose sur un vaste plateau appelé Bouclier Guyanais. Cette formation géologique, qui est un des trois cratons précambriens de la plaque Sud-Américaine, est caractérisée par des reliefs très érodés qui culminent à l'ouest avec les tepuis du Venezuela, du Guyana et du Roraima, et par des sols acides et très pauvres. Parmi les forêts amazoniennes, celles du Bouclier Guyanais se caractérisent par une relativement faible diversité d'espèces d'arbres et par une dominance des familles riches en espèces à grosses graines et à bois dur (en particulier les Leguminosae, les Lecythidaceae et les Chrysobalanaceae) (ter Steege *et al.* 2000).

En raison de sa localisation sur le versant nord-est du Bouclier Guyanais, la Guyane présente à la fois un faible relief (l'altitude moyenne est d'environ 140 m, avec de rares sommets atteignant 800 m), et un réseau hydrographique constitué de fleuves côtiers. Les plus importants de ces fleuves, l'Oyapock et le Maroni, constituent des frontières naturelles avec, respectivement, le Brésil (Etat de l'Amapá) et le Surinam. Le climat de la Guyane est équatorial, avec une pluviométrie annuelle moyenne qui varie de 2000 mm dans le sud et à l'extrême nord-ouest, à plus de 4000 mm dans le nord-est (Héritier 2011). La forêt équatoriale de plaine couvre encore environ 90% des 83 000 km<sup>2</sup> du territoire.

Malgré l'absence de gradients environnementaux marqués d'un bout à l'autre du territoire, le couvert forestier est hétérogène, et la structure autant que la composition floristique des forêts sont variables. En particulier, on constate des différences marquées entre les forêts du nord, qui appartiennent à "l'arc des forêts denses guyanaises" (Gond *et al.* 2011), et celles du sud. Les premières ont une canopée plus fermée, sont moins dynamiques et sont dominées par les Chrysobalanaceae, les Lecythidaceae et les Leguminosae à croissance lente et à bois dur, tandis que les secondes sont plus ouvertes et plus dynamiques, comparativement moins riches en espèces et sont dominées par les Burseraceae, les Urticaceae et les Leguminosae à croissance rapide du clade mimosoïde (Guitet *et al.* 2018). À l'extrême sud, les forêts de la chaîne des Tumuc-Humac sont tout aussi diversifiées que celles du nord et du centre, mais leur composition montre une plus grande affinité avec les forêts de l'Amazonie centrale.

L'avantage des forêts guyanaises en tant que cadre et/ou objet d'études en botanique et en écologie réside en grande partie dans un niveau de conservation relativement élevé par rapport aux forêts des pays voisins. Cet état de préservation n'est pas le résultat d'une volonté politique (bien que réelle aujourd'hui, celle-ci est assez récente), mais plutôt d'un désintérêt puisque la pression anthropique sur ces forêts a, au moins depuis la colonisation et jusqu'à récemment, toujours été limitée. Ce faible impact humain résulte avant tout d'une densité de population globalement basse, et d'une concentration du peuplement dans la zone côtière nord. Mais c'est aussi



FIG. 1. — French Guiana map, showing the Guiana Shield (source Wikipedia, modified for the article)/Carte de la Guyane française, montrant le Bouclier Guyanais (source Wikipédia, modifiée pour l'article).

its primary needs; this translates into less need to clear forest as a means of subsistence.

Possibly the earliest botanical and ethnobotanical account of French Guiana is Pierre Barrère's little known *Es-*

une conséquence du fait que la Guyane est une collectivité territoriale française, puisqu'à ce titre elle bénéficie d'un niveau de vie plus élevé que les pays voisins et importe une grande partie de ses besoins primaires, ce qui se traduit par un faible



*sai sur l'histoire naturelle de la France Equinoxiale* (Barrère 1741). This French natural historian's book predates that of Aublet's *Histoire des plantes de la Guyane française* (Aublet 1775), but has been unjustly overlooked because his plant classification was based on that of Tournefort and was pre-Linnean. Notwithstanding, in many ways the ethnobotanical information contained therein is much richer than that found in Aublet's work. Following in Barrère's footsteps, Jean Baptiste Fusée-Aublet continued botanical exploration mostly along the coast of French Guiana, culminating in the publication of his flora of the region (Aublet 1775), and as his treatise was post-Linnean, it has been the source of many generic names.

Exploration continued sporadically until the middle of the twentieth century. From 1950 onwards, collection of material for herbarium specimens accelerated rapidly, continuing until today (Haripersaud *et al.* 2010). Most botanical collections were the product of classic botanical exploration missions, but beginning in the 1970s plot-based tree inventories conducted for community ecology research also contributed substantial amounts of material.

Created in 1965 in Cayenne, French Guiana, the *Herbier IRD de Guyane* (CAY) (Gonzalez *et al.* 2021) houses at least one duplicate of almost all collections made in French Guiana since the 1970s. Older collections are principally held in P, and any duplicates in European (mainly U, K, BM, B, MPU, G) or US-American (mainly NY, MO, US) herbaria. Only a few collections by Aublet in BM, as well as by botanists from the late 18th and early 19th centuries (e.g. Martin, Patris, von Rohr) in BM and G, do not have duplicates in P.

#### BUILDING THE CHECKLIST

For a species to be included in the list, three criteria had to be met: first, that it is a tree species, or at least that some of its representatives are trees; second, that at least one of its representatives reaches 10 cm dbh or 10 m in height; and third, that it is spontaneous, or even naturalized, in French Guiana.

As there is no consensus on what an individual tree is, nor on what a tree species is, we adopted the most widespread standard in tropical forest tree inventories: a tree is a self-supporting plant having a trunk, which has a diameter at breast height (dbh, i.e. 1.3 m from the ground)  $\geq 10$  cm. To account for species whose dbh has never been measured, in particular those that have never been found in tree inventories, we set a threshold of 10 m for the total height of the tree. We have therefore accounted for all species of which at least one representative is a tree with dbh  $\geq 10$  cm and/or with height  $\geq 10$  m. Therefore, throughout this checklist, dimensions in cm correspond to dbh, those in m to tree heights. When both dimensions are given for the same tree, it is in the form *height m*  $\times$  *dbh cm*.

Given this, our list includes some small statured and/or slender species that only occasionally reach 10 cm dbh, in addition to some species that are more often hemi-epiphytes or lianas than real trees rooted in the ground.

The evidence for species size came primarily from actual tree measurements during plot inventories. For each species

recours aux ressources locales (donc à l'espace forestier) pour assurer la subsistance des populations.

Le plus ancien ouvrage de botanique et d'ethnobotanique sur la Guyane française est probablement le méconnu *Essai sur l'histoire naturelle de la France Équinoxiale* de Pierre Barrère (1741). Le travail de ce naturaliste français est antérieur à l'*Histoire des plantes de la Guyane française* d'Aublet (1775), mais il a été injustement négligé parce que sa classification des plantes était basée sur celle de Tournefort, et donc pré-linnéenne. Néanmoins, les informations ethnobotaniques qu'il contient sont à bien des égards beaucoup plus riches que celles que l'on trouve dans l'ouvrage d'Aublet. Suivant les traces de Barrère, Jean Baptiste Fusée-Aublet a poursuivi l'exploration botanique, principalement le long de la côte de la Guyane française, aboutissant à la publication de sa flore de la région (Aublet 1775). Son traité étant post-linnéen, il a notamment été la source de nombreux noms de genres botaniques.

L'exploration s'est poursuivie de manière sporadique jusqu'au milieu du vingtième siècle. À partir de 1950, la collecte de matériel d'herbier s'est accélérée rapidement, et s'est poursuivie à un rythme soutenu jusqu'à aujourd'hui (Haripersaud *et al.* 2010). La plupart des collectes botaniques sont le produit de missions classiques d'exploration, mais à partir des années 1970, les inventaires d'arbres sur parcelles menés dans le cadre de recherches en écologie des communautés ont également fourni des quantités substantielles de matériel.

Créé à Cayenne en 1965, l'Herbier IRD de Guyane (CAY) héberge au moins un double de la quasi-totalité des collectes réalisées en Guyane depuis les années 1970 (Gonzalez *et al.* 2021). Les collections plus anciennes sont principalement à P, avec des doubles dans d'autres institutions européennes (surtout U, K, BM, B, MPU, G) ou états-uniennes (notamment NY, MO, US). Seules quelques collectes d'Aublet à BM, ainsi que d'autres de botanistes de la fin du 18<sup>e</sup> siècle et du début du 19<sup>e</sup> siècle (e.g. Martin, Patris, von Rohr) à BM et G, n'ont pas de double à P.

#### CONSTRUCTION DE LA LISTE

Nous avons défini trois critères pour qu'une espèce soit incluse dans la liste: premièrement, ce doit être une espèce arborescente, ou a minima qu'une partie de ses représentants soient des arbres; deuxièmement, il faut qu'au moins un de ses représentants ait un tronc de diamètre à hauteur de poitrine (ou dbh, pour *diameter at breast height*, c'est-à-dire à 1,3 m du sol) de 10 cm ou plus, ou atteigne au moins 10 m de hauteur; et troisièmement, qu'elle soit spontanée (ou éventuellement naturalisée) en Guyane française.

En l'absence de consensus sur ce qu'est un arbre ou une espèce d'arbre, nous avons adopté le standard le plus répandu pour les inventaires d'arbres dans les forêts tropicales: un arbre est une plante autoportante avec un tronc, lequel a un dbh  $\geq 10$  cm. Pour prendre en compte les espèces pour lesquelles le dbh n'a jamais été mesuré, en particulier celles qui n'ont pas été rencontrées dans les inventaires d'arbres, nous avons fixé un minimum de 10 m pour la hauteur totale de l'arbre. Nous avons donc pris en compte toutes les espèces dont au moins un représentant est un arbre de dbh  $\geq 10$  cm et/ou de



FIG. 2. — Ethnobotanical research: **A**, survey in the Wayāpi village of Zidock (Trois-Sauts) in 1980, from right to left: Raymond Lassouka, Gaétan Lassouka, Gérard Kwanu, Pierre Grenand and Françoise Grenand; **B**, drying of herbarium specimens in the Palikur village of Payuyu, Crique Gabaret, in 1979; the fruits on the right are those of *Manicaria saccifera* Gaertn.; **C**, P. Grenand preparing herbariums in the village of Zidock in 1980; **D**, drying of fruits on a traditional home barbecue (“boucan”) for the carpotheque of CAY; village Zidock, 1978/Recherches ethnobotaniques: **A**, enquête dans le village Wayāpi de Zidock (Trois-Sauts) en 1980, de droite à gauche: Raymond Lassouka, Gaétan Lassouka, Gérard Kwanu, Pierre Grenand et Françoise Grenand; **B**, séchage des spécimens d’herbier au village Palikur de Payuyu, Crique Gabaret, en 1979; les fruits à droite sont ceux de *Manicaria saccifera* Gaertn.; **C**, P. Grenand préparant des herbiers au village Zidock en 1980; **D**, séchage de fruits sur un boucan domestique pour la carpotheque de CAY; village Zidock, 1978. A, C, © M.-F. Prévost/IRD; B, D, © J.-M. Beaudet/Univ. Paris Nanterre.

encountered in those censuses, we indicate the maximum dbh measured, as  $dbh_{inv}$ . It must be emphasised that  $dbh_{inv}$  is by no means the actual maximum dbh of the species. Indeed, for many species the representatives present in our plots are far from being the largest known. For species not found in

hauteur  $\geq 10$  m. Ainsi, les dimensions en cm qui apparaissent dans le catalogue correspondent à des dbh, tandis que celles en m concernent des hauteurs. Quand les deux dimensions sont indiquées pour le même arbre, c’est sous la forme hauteur m  $\times$  dbh cm.

our inventories, evidence for species size is provided either in the “Herbarium data (FG)” section, or in the “Size” section when it was recorded from field notes on herbarium specimens from outside FG, or reliable published sources.

The best evidence for presence in French Guiana is that original material of the species or one of its synonyms has been collected there. Failing that, a French Guianan collection reliably identified is cited as an example (preceded by “Sel. exs.: ”), in the “Herbarium data (FG)” section. The *Checklist of the Plants of the Guiana Shield* often served as a starting point for clues to likely presence in FG, although this essential volume does not designate plant habit (Funk *et al.* 2007; Feuillet 2009); notwithstanding, we independently verified all species by the aforementioned means.

Given that approximately 90% of French Guiana’s land area is covered by forests (including *terra firme*, secondary, swamp, riverine and mangrove forests), it is no surprise that forest species make up the overwhelming majority of taxa in this checklist. Notwithstanding, there are also tree species found exclusively in non-forest environments (savannas, sandy shorelines, rocky outcrops), and a few others that have been introduced and are now naturalised and sometimes even invasive.

#### SYSTEMATICS, TAXONOMY AND NOMENCLATURE

In most cases, we have adopted the species delimitations of the specialists of the group concerned, as they appear in recent literature, but also as they are reflected in the determinants of the specimens, especially for genera and families under revision. With respect to groups for which there was no recent or ongoing revision (i.e. no active specialist), we complemented published taxonomic works by informed use of the following online databases: IPNI (2022), Tropicos (2022), the World Checklist of Selected Plant Families (WCSP 2022), The Plant List (2013), Plants Of the World Online (POWO 2022) and for Leguminosae the International Legume Database & Information Service (ILDIS 2018). The familial classification of genera follows APG IV (Angiosperm Phylogeny Group 2016) except for the recognition of Cordiaceae (Stevens 2019), and for the choice of Leguminosae against the alternative name Fabaceae (LPWG *et al.* 2017).

In a few cases, our own studies of herbarium specimens and field knowledge have led us to conclusions that differ from those of previous published works. Such discrepancies in nomenclature or systematics are explained in the notes.

Lastly, we found 143 entities that we were unable to associate with any known French Guianan species, or to any species described for the relevant genus or family. These entities are characterised by character combinations that make them unambiguously distinguishable from all known French Guianan species. In our opinion, they are all distinct at the species level, and we treat them as unnamed species. For each, we cite a representative specimen.

To avoid inflation of published binomials, we excluded all wrong interpretations of formerly published names, i.e. those cited in previous publications or databases with an authorship beginning with “*auct. non*”.

En conséquence, notre liste comprend quelques espèces de petite taille qui n’atteignent qu’occasionnellement 10 cm de dbh, ainsi que quelques autres qui sont plus souvent des hémiepiphytes ou des lianes que de véritables arbres toujours enracinés dans le sol.

Les preuves que ces espèces ont bien la taille minimale proviennent principalement de véritables mesures de tronc acquises lors de relevés botaniques. Pour chaque espèce rencontrée dans ces inventaires, nous indiquons le dbh maximum mesuré, appelé dbh<sub>inv</sub>. Il faut souligner que ce dbh<sub>inv</sub> n’est que rarement le vrai dbh maximum de l’espèce. De fait, pour beaucoup d’espèces, les individus recensés dans nos parcelles sont loin d’être les plus grands que l’on connaisse. Dans le cas des espèces absentes de nos relevés, la preuve qu’elles atteignent la taille limite est fournie soit dans la rubrique “Herbarium data (FG)” (données d’herbier de Guyane), soit dans la rubrique “Size” (taille) quand l’information provient de notes sur des spécimens d’herbier collectés hors de Guyane, ou bien de sources bibliographiques.

La meilleure preuve qu’une espèce est présente sur le territoire est que le matériel original à partir duquel elle (ou un de ses synonymes) a été décrite en provient. À défaut, nous citons en exemple (précédé de “Sel. exs.: ”) une collecte de Guyane identifiée de manière sûre, dans la rubrique “Herbarium data (FG)”. La *Checklist of the Plants of the Guiana Shield* a souvent servi de point de départ pour obtenir des indications sur la présence probable en Guyane, bien que cet ouvrage essentiel ne donne pas d’indications sur le port des plantes (Funk *et al.* 2007 ; Feuillet 2009) ; néanmoins, nous avons vérifié indépendamment toutes les espèces par les moyens mentionnés ci-dessus.

Étant donné qu’environ 90% de la surface de la Guyane est couverte de forêts (qu’elles soient de terre ferme, ripicoles ou marécageuses, de mangrove, anciennes ou secondaires), il n’est pas surprenant que ce catalogue ne contienne quasiment que des espèces forestières. On y trouve tout de même des espèces qui poussent exclusivement dans des milieux non forestiers (savannes, cordons sableux littoraux, inselbergs), et quelques autres qui ont été introduites et qui sont aujourd’hui naturalisées, voire même parfois invasives.

#### SYSTÉMATIQUE, TAXONOMIE ET NOMENCLATURE

Dans la plupart des cas, nous avons suivi les spécialistes des groupes concernés dans leur délimitations des espèces, telles qu’elles apparaissent dans les publications récentes mais aussi telles qu’on peut les percevoir dans les *determinavit* qu’ils ont apposés sur des spécimens, notamment pour les genres et les familles en cours de révision. Dans le cas des groupes pour lesquels il n’y a pas de révision récente ni en cours (autrement dit pas de spécialiste en activité), nous avons complété les publications taxonomiques existantes par un usage réfléchi des grandes bases de données en ligne : IPNI (2022), Tropicos (2022), World Checklist of Selected Plant Families (WCSP 2022), The Plant List (2013), Plants Of the World Online (POWO 2022), et pour les Legu-



FIG. 3. — **A, B**, The fruits of yanipa (*Genipa americana* L.) are used by the Wayāpi of Camopi for temporary body paintings; **C**, the wood of singapeetu (*Dicorynia guianensis* Amshoff) is one of most used by the Aluku to build their large monoxylean dugout canoes, here in the village of Sparouine; **D**, traditional Teko carbet roof, village of Kayodé; the frame is made of various species of round wood, the roofing is made of small palms of *Geonoma baculifera* Kunth/**A, B**, les fruits de yanipa (*Genipa americana* L.) sont utilisés par les Wayāpi de Camopi pour réaliser des peintures corporelles temporaires; **C**, le bois du singapeetu (*Dicorynia guianensis* Amshoff) est l'un des plus utilisés par les Aluku pour construire leurs grandes pirogues monoxyles, ici au village Sparouine; **D**, toit de carbet traditionnel Teko, village de Kayodé; la charpente est constituée de diverses essences de bois ronds, la couverture est en palmes naines de *Geonoma baculifera* Kunth. © G. Odonne/CNRS.

Authors of plant names are abbreviated according to Brummitt & Powell (1992) and IPNI (2022), while Herbarium acronyms follow Index Herbariorum (2020). Protologues are cited in abridged form following Taxonomic Literature 2 (Stafleu & Cowan 1976-1988; Stafleu & Mennega 1992-2000; Dorr & Nicolson 2008-2009).

minosae l'International Legume Database & Information Service (ILDIS 2018). La classification familiale des genres suit l'APG IV (Angiosperm Phylogeny Group 2016), sauf pour la reconnaissance des Cordiaceae (Stevens 2019), et le choix du nom Leguminosae à la place du nom alternatif Fabaceae (LPWG *et al.* 2017).

#### SOURCES OF INFORMATION

Our work is based on three complementary and occasionally overlapping sources of information:

– Herbarium data. This information was used in three ways. First, to derive an indication on species geographic distribution. To this end, we counted the number of collection events in French Guiana from material held at CAY. These values correspond closely to the number of collections made in French Guiana since 1970. Second, we selected one (occasionally more) herbarium collections bearing recent and reliable identifications as evidence that the species is indeed present in French Guiana. Third, for species for which we did not have inventory data (see below), we selected one herbarium collection, not necessarily from French Guiana, having reliable information on tree size, as evidence that the species actually can attain the minimum dbh and/or height thresholds. When specimens were not available for physical examination, digital images of specimens available through herbarium websites or aggregation portals, i.e., JSTOR’s Global Plants (JSTOR 2022), e-ReColNat (2022), and iDigBio (2022), were studied. In almost all cases, we have provided hypertext links that allows direct access to the specimen’s record and/or scans on such websites.

– Inventory data. The GUYADIV and part of the GUYAFOR plot networks databases (Engel 2015) were the source for our dataset, which includes the identification and trunk measurement of more than 143 000 trees having a dbh  $\geq 10$  cm, censused on 297 old-growth forest plots of varying type and size and in various forest types. Among these plots, 138 are in the range 0.88–1.25 ha, and called hereafter “1-ha plots”. Thousands of herbarium samples were collected during or after these inventories and some of the information from these inventories can also be found in the herbarium data. For each species present in this dataset, we computed four values: the total number of trees censused in our 297 plots; the number of plots where the species is present;  $F_{\max}$ , its highest frequency (or relative abundance, in %) per plot, among 1-ha plots; and  $dbh_{\text{inv}}$ , its maximum dbh in our dataset. Again,  $dbh_{\text{inv}}$  should not be interpreted as the largest known dbh of the species. It is only relative to our inventory data set. In addition, we pointed out the species that are considered hyperdominant, i.e. they are among the 218 species that together represent more than 50% of all trees present in Amazonia, according to ter Steege *et al.* 2000).

– Taxonomic literature. The Biodiversity Heritage Library (BHL 2022) and the Biblioteca Digital del Real Jardín Botánico (RJB 2022) were invaluable for consulting taxonomic literature (in particular protologues) to which we did not have physical access. Some references were found thanks to more generalist bibliographic sites, in particular Gallica (BNF 2022) and Europeana (2021). Wherever possible, we provide a hyperlink on the protologue citation to an online version of the protologue itself.

Pour quelques taxa, nos propres études des spécimens d’herbier et notre expertise (de terrain et en herbier) nous ont amenés à des conclusions différentes de celles parues dans des publications antérieures. Le cas échéant, ces divergences dans la nomenclature ou la systématique sont expliquées dans la rubrique “Notes”.

Enfin, nous avons identifié 143 entités que nous n’avons pu associer à aucune espèce connue de Guyane, ni à aucune espèce décrite dans le genre ou la famille correspondants. Ces entités présentent des combinaisons de caractères qui permettent de les distinguer sans ambiguïté de toutes les espèces connues de Guyane. De notre point de vue, elles s’en distinguent au niveau spécifique, et nous les considérons donc comme des espèces non nommées. Pour chacune d’elles nous citons un spécimen représentatif.

Afin d’éviter une inflation inutile de binômes, nous avons exclu de la liste des synonymes tous les noms qui ne font que refléter une mauvaise interprétation d’un nom existant, c’est-à-dire ceux dont la paternité commence par “*auct. non*” dans certaines publications ou bases de données.

Les auteurs de noms de taxa sont abrégés selon Brummitt & Powell (1992) et l’IPNI (2022), et les acronymes d’herbiers correspondent à l’Index Herbariorum (2020). Les protologues sont cités sous forme abrégée, conformément à *Taxonomic Literature 2* (Staffeu & Cowan 1976–1988; Staffeu & Mennega 1992–2000; Dorr & Nicolson 2008–2009).

#### SOURCES D’INFORMATION

Ce travail repose sur trois sources d’information distinctes et complémentaires, qui se recoupent parfois :

– Les données d’herbier. Elles sont utilisées de trois manières différentes. Premièrement, pour en déduire des indications sur la répartition géographique des espèces. À cette fin, nous avons compté le nombre d’événements de collecte en Guyane sur la base des spécimens présents à CAY. Les valeurs obtenues sont très proches du nombre réel de collectes en Guyane depuis 1970. Deuxièmement, nous avons sélectionné pour chaque espèce un (parfois plus) spécimen(s) d’herbier portant une identification récente et fiable, en tant que preuve que l’espèce est bien présente en Guyane. Troisièmement, pour les espèces pour lesquelles nous ne disposons pas de données d’inventaire (voir plus loin), nous avons choisi une collecte d’herbier ne provenant pas nécessairement de Guyane mais portant des informations crédibles sur la taille de l’arbre, comme preuve que l’espèce atteint bien le seuil limite de dbh et/ou de hauteur. Lorsque nous n’avons pas eu la possibilité d’examiner les spécimens cités, nous nous sommes basés sur l’étude des images digitales (scans) visibles sur les sites web des herbiers eux-mêmes, ou sur les portails web d’agrégation de données naturalistes, c’est-à-dire JSTOR’s Global Plants (JSTOR 2022), e-ReColNat (2022), et iDigBio (2022). Dans presque tous les cas, nous avons fourni des liens hypertextes qui permettent d’accéder directement à la fiche du spécimen et/ou à ses scans sur ces sites web.



FIG. 4. — Some species, whose fruits are highly valued by traditional forest societies, are considered semi-domesticated since pre-Columbian times (Clement 1999; Levis *et al.* 2017)/Certaines espèces, dont les fruits sont très appréciés des sociétés traditionnelles vivant en milieu forestier, sont considérées comme semi-domestiquées depuis l'époque précolombienne (Clement 1999; Levis *et al.* 2017). **A**, *Oenocarpus bacaba* Mart.; **B**, *Theobroma cacao* L.; **C**, *Spondias mombin* L.; **D**, *Caryocar villosum* (Aubl.) Pers. A, C, © D. Sabatier/IRD; B, © J.-F. Molino/IRD; D, © G. Odonne/CNRS.

#### VERNACULAR NAMES

Ethnobotanical lexicons have been recorded and even published for almost all languages spoken in French Guiana. The main Amerindian language missing is Arawak-Lokono, which is rarely spoken today in French Guiana. There are, however, good ethnobotanical nomenclatures of this language in works

– Les données d'inventaires. Les bases de données du réseau de parcelles GUYADIV et une partie de celles du réseau GUYAFOR (Engel 2015) ont été agrégées en un jeu de données unique contenant les identifications et les mesures de dbh de plus de 143 000 arbres de dbh  $\geq$  10 cm, recensés sur 297 relevés de nature et de taille

devoted to Suriname and Guyana (Forte 1996; van Andel 2000; van't Klooster *et al.* 2003). The Maroon languages, Aluku, Ndjuka and Paamaka are very close linguistically and the names tend to pass from one language to another, for these reasons, we chose here to consider them as a homogeneous linguistic whole, and to group them together under the name Nengee tongo. Another Maroon language, Saamaka, is missing from our nomenclature because it is insufficiently studied in French Guiana. However, a good coverage of the botanical lexicon of this language in Suriname appears in van't Klooster *et al.* (2003).

Tree names in Amerindian and Nengee tongo languages presented here have mostly been collected by co-authors PG, MF, GO, DD and their collaborators and represent the fruit of ethnobotanical surveys and botanical inventories involving local knowledge holders. Some of these names have already been published (Fleury 1991 for Nengee tongo; Ogeron *et al.* 2018 for Palikur; Grenand 1989 for Wayápi; Grenand *et al.* 2004 for Wayápi, Palikur and Creole), but many are recorded here for the first time. Moreover, our lists were complemented by other published sources: Roosmalen (1985), Guitet *et al.* (2014) and ONF (2004) for Nengee tongo; Aublet (1775), Ahlbrinck (1931), Kloos (1971), van Andel (2000) and Courtz (2008) for Kali'na; Hurault (1965) and Camargo & Tapinkili (2009) for Wayana. Most of the Creole names were compiled by J.-J. de Granville from CAY specimens labels; this list was subsequently updated by C. Moretti, and later by O. Bruneau. Names in Brazilian Portuguese were compiled on the basis of collective experience and the abundant existing literature, notably Lorenzi (2002), Pio Corrêa (1926-1975), Ribeiro *et al.* (1979, 1999) and Silva *et al.* (1977).

For each language, the number of named species primarily depends on the duration of the ethnobotanical investigation, which ranges from a few years to several decades of survey and varies significantly according to species presence in the ecological zones crossed by the different ethnic groups under study. The tendency of all languages, but particularly of the vehicular languages (Creole, French, Portuguese) to assimilate names from other languages sometimes makes linguistic delimitations complex. Vernacular names also evolve through time, which is usual in languages of oral tradition. They may also vary according to the context and/or the knowledge holder. Identifying the most accurate/consensual name is part of the ethnobiologist's work; we chose to retain only the most agreed upon names among the different locutors and to minimize as much as possible intracultural lexical variations. In this way, we offer readers an accessible panorama of French Guiana's biocultural diversity and to bring the most common names to their attention.

We did not list all orthographical variants that appear on specimen labels because most of them are written according to the orthography of the collectors' native language. Although they are often recognizable to ethnobiologists, they are almost always misspelled and we considered it useless to list them indiscriminately especially considering that collective efforts are being made by Indigenous and local knowledge holders and researchers to properly record these names.

variées, dans des forêts anciennes de différents types. Parmi ces relevés, 138 ont entre 0,88 et 1,25 ha, et sont appelés ici "parcelles de 1 ha" ("*I-ha plots*"). Des milliers de spécimens d'herbier ont été collectés sur ces relevés, pendant ou après les inventaires, si bien qu'une partie des informations provenant de ces inventaires est aussi présente dans les données d'herbier. Pour chaque espèce présente dans le jeu de données d'inventaires, nous avons calculé quatre indices : le nombre total d'arbres recensés dans nos 297 relevés ; le nombre de relevés dans lesquels l'espèce a été observée ;  $F_{\max}$ , la fréquence (ou abondance relative, en %) maximale par parcelle de 1 ha ; et  $dbh_{\max}$ , le dbh maximum dans notre jeu de données. Encore une fois, le  $dbh_{\max}$  ne doit pas, sauf exception, être interprété comme le dbh maximum connu pour l'espèce. Ce n'est qu'un maximum au sein de notre jeu de données. Par ailleurs, nous indiquons les espèces considérées comme hyperdominantes, c'est-à-dire celles qui font partie des 218 espèces dont les effectifs cumulés représentent plus de 50% de tous les arbres présents en Amazonie selon ter Steege *et al.* (2020).

– La littérature taxonomique. La Biodiversity Heritage Library (BHL 2022) et la Biblioteca Digital del Real Jardín Botánico (RJB 2022) ont été des sources inestimables pour accéder à la littérature taxonomique (en particulier les protologues) à laquelle nous n'avons pas pu avoir accès physiquement. Quelques références ont été trouvées grâce à des sites bibliographiques plus généralistes, en particulier Gallica (BNF 2022) et Europeana (2021). Dans la mesure du possible, nous avons fourni un lien hypertexte sur la citation du protologue vers une version en ligne du protologue lui-même.

#### NOMS VERNACULAIRES

Des lexiques ethnobotaniques ont été enregistrés et même publiés pour presque toutes les langues parlées en Guyane. La principale langue amérindienne qui n'en dispose pas est l'arawak-lokono, mais elle est aujourd'hui peu parlée en Guyane. Il existe cependant de bonnes nomenclatures ethnobotaniques de cette langue dans les ouvrages consacrés au Suriname et au Guyana (Forte 1996; van Andel 2000; van't Klooster *et al.* 2003). Les langues noir-marron, l'aluku, le ndjuka et le paamaka, sont très proches linguistiquement et les mots ont tendance à passer d'une langue à l'autre. C'est pourquoi nous avons choisi ici de les considérer comme un ensemble linguistique unique, et de les regrouper sous le nom de nengee tongo. Une autre langue noir-marron, le saamaka, ne fait pas partie de notre nomenclature car elle est trop peu étudiée en Guyane. Un bon recensement du vocabulaire botanique dans cette langue est cependant fourni par van't Klooster *et al.* (2003).

Les noms d'arbres en langues amérindiennes et noir-marron présentés ici ont pour l'essentiel été collectés par les co-auteurs PG, MF, GO, DD et leurs collaborateurs au cours d'enquêtes ethnobotaniques et d'inventaires botaniques auxquels participaient des détenteurs de savoirs locaux.

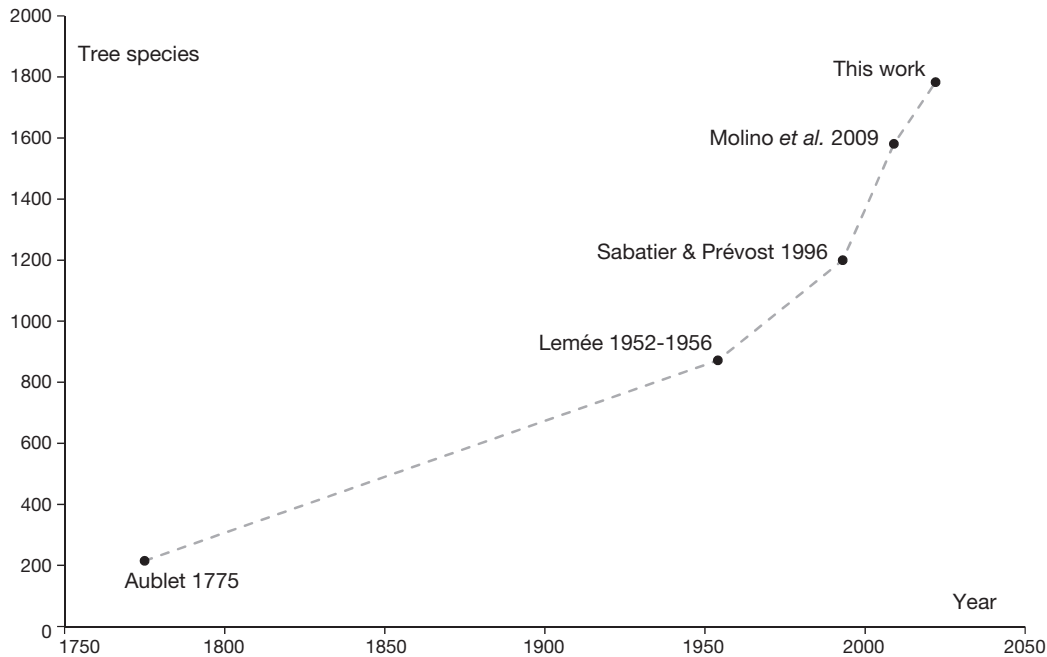


FIG. 5. — Evolution of the census of tree species in French Guiana. For each work, we counted the number of species among the 1783 of the present list that have been included, regardless of the name used. Species that have been listed under two or more different names were counted once. Aublet (1775): 215 spp.; Lemée (1953-1956): 872 spp.; Sabatier (1993): 1200 spp.; Molino *et al.* (2009): 1592 spp./Évolution du recensement des espèces d'arbres en Guyane française. Pour chaque ouvrage, nous avons compté le nombre d'espèces parmi les 1783 de la liste actuelle qui ont été incluses, quel que soit le nom utilisé. Les espèces qui ont été répertoriées sous deux ou plusieurs noms différents ont été comptées une seule fois. Aublet (1775): 215 spp.; Lemée (1953-1956): 872 espèces; Sabatier (1993): 1200 spp.; Molino *et al.* (2009): 1592 spp.

Spellings used by contemporary ethnobiologists are based on the International Phonetic Alphabet, adapted by input from the people concerned and linguists. Our final spellings were the product of careful deliberation and are valid for French Guiana. Degree and extent of spelling adaptation often depends on the colonial experience of the various peoples, this is particularly true for Creole and Nengee tongo. Faithful language transcription is a form of respect for the speakers of the language and recognises the thoughtful choices they have made. We have also taken into account pronunciation variants, as is the case with Kali'na, which is spoken from Venezuela to Amapá.

The spelling of Palikur names is adapted from Green & Green (1998). That of Kali'na names is the one adopted by the Kali'na community of French Guiana (Renault-Lescure 2009), where we kept the archi-phoneme /k/ (today most often pronounced /g/). Wayana names are spelled according to Camargo & Tapinkili (2009), and Wayâpi names according to Grenand (1989). The spelling of Teko names is the one adopted by Maurel *et al.* (2020). Nengee tongo names are spelled according to SIL (2003) and were revised by J. Ateni and C. Ansoe-Tareau. French Guianese Creole names are according to Barthélemy (2007) and Renault-Lescure & Goury (2009), and were revised by F. Grenand and M.-A. Tareau. A few names given by Aublet (1775), mostly Galibi (i.e., Kali'na) and "French" (i.e., Creole in its old meaning) were conserved in their original spelling.

Une partie de ces noms ont déjà été publiés (Fleury 1991 pour le nengee tongo; Ogeron *et al.* 2018 pour le palikur; Grenand 1989 pour le wayâpi; Grenand *et al.* 2004 pour le wayâpi, le palikur et le créole), mais beaucoup sont publiés ici pour la première fois. Nous avons complété ces listes grâce à d'autres ressources bibliographiques: Roosmalen (1985), Guitet *et al.* (2014) et ONF (2004) pour le nengee tongo; Aublet (1775), Ahlbrinck (1931), Kloos (1971), van Andel (2000) et Courtz (2008) pour le kali'na; Hurault (1965) et Camargo & Tapinkili (2009) pour le wayana. La plupart des noms créoles ont été compilés par J.-J. de Granville à partir des étiquettes de spécimens de CAY, et cette liste a été ensuite mise à jour par C. Moretti, puis par O. Bruneau. Les noms en portugais du Brésil ont été compilés à partir de notre expérience collective, ainsi que de l'abondante littérature existante, notamment Lorenzi (2002), Pio Corrêa (1926-1975), Ribeiro *et al.* (1979, 1999) et Silva *et al.* (1977).

Le nombre d'espèces nommées dans chaque langue dépend avant tout de la durée des recherches ethnobotaniques, laquelle varie de quelques années à plusieurs décennies, mais est aussi fonction de la présence des espèces dans les zones écologiques traversées par les groupes ethniques étudiés. La tendance, dans toutes les langues mais particulièrement dans les langues véhiculaires (créole, français, portugais), à assimiler des noms d'autres langues complique parfois les délimitations linguistiques. Les noms vernaculaires peuvent évoluer au cours du temps,



TABLE 2. — Families with 20 or more tree species in French Guiana. For Leguminosae, the number of tree species and genera is given for each subfamily/ Familles comptant 20 espèces d'arbres ou plus en Guyane française. Pour les Leguminosae, le nombre d'espèces et de genres d'arbres est indiqué pour chaque sous-famille.

Family	Nb of genera	Nb of species
Leguminosae, including:	65	251
Caesalpinioideae (non-mimosoid)	9	28
Caesalpinioideae (mimosoid)	18	106
Cercidoideae	1	2
Detarioideae	8	37
Dialioideae	3	3
Papilionoideae	26	75
Lauraceae	14	116
Myrtaceae	9	112
Sapotaceae	10	106
Chrysobalanaceae	12	96
Annonaceae	16	75
Rubiaceae	30	69
Melastomataceae	5	69
Moraceae	13	52
Burseraceae	3	47
Lecythidaceae	7	44
Malvaceae	16	41
Euphorbiaceae	18	40
Sapindaceae	10	38
Clusiaceae	7	37
Apocynaceae	12	35
Elaeocarpaceae	1	32
Meliaceae	5	30
Salicaceae	7	29
Ochnaceae	5	27
Urticaceae	4	27
Vochysiaceae	4	26
Violaceae	6	21
Rutaceae	9	20

Some phonemes used here deserve explanation. In most languages, the phoneme /u/ is pronounced as the “ou” (in “genou”) in French and Creole. The phoneme /i/, specific to most Amerindian languages of French Guiana, is a vowel pronounced between the French “i” (in “liste”) and “u” (in “rue”); it is written “i” in Wayāpi, Teko and Kali’na, and “i” in Wayana. In most languages, the phoneme /e/ is always pronounced “é” as in the French “été”; in French and Creole, its pronunciation varies according to the context. In Wayana, /ë/ corresponds to “eu” as in the French “beurre”. In Palikur, /h/ is close to the Spanish /j/ in “navaja”; but in Wayana, /h/ is exhaled. Nasal vowels of Amerindian languages are: /ẽ/ pronounced as in the French “peint”, /õ/ as in “bon”, /ã/ as in “banc”; /ĩ/ and /ũ/ are pronounced from the nose, as in Portuguese “mirim” and “atum”; /ĩ/, an uncommon phoneme of the Wayāpi, is the /i/ pronounced from the nose. In contrast the Creole “en” is pronounced “ein” as in the French “sein”. The /y/, as in the German “ya” is mainly written this way, except in Wayana where it is replaced by “j”. The Teko’s /b/ is pronounced “mb”. The /š/ of the Kali’na is pronounced as in the English “short”. Final consonants, like g, k, m, n, p, t, s are pronounced in Teko, Wayana, Palikur, Créole and Nengee tongo.

Most names listed here are associated with herbarium vouchers, the majority of which being held at CAY. For each

ce qui est habituel dans les langues de tradition orale. Il arrive aussi qu’ils changent en fonction du contexte et/ou du détenteur de savoirs. C’est une partie du travail de l’ethnobiologiste que d’identifier le nom le plus approprié/consensuel. Nous avons choisi de ne retenir que les noms les plus partagés par les différents locuteurs et de minimiser autant que possible les variations lexicales au sein d’une même langue. Nous espérons ainsi offrir aux lecteurs un panorama accessible de la diversité bioculturelle de la Guyane, et attirer leur attention sur les noms communs les plus répandus.

Nous n’avons pas listé tous les variants orthographiques qui apparaissent sur les étiquettes des spécimens d’herbier, car la plupart sont écrits selon l’orthographe de la langue maternelle du collecteur. Bien que ces variants soient souvent identifiables par les ethnobiologistes, il sont presque toujours mal orthographiés, et nous pensons qu’il est inutile de les lister de manière indiscriminée, d’autant plus que de gros efforts collectifs sont faits par les détenteurs de savoirs locaux et les scientifiques pour que ces noms soient enregistrés de manière standardisée.

Les graphies utilisées par les ethnobiologistes contemporains sont basées sur l’alphabet phonétique international, avec des adaptations provenant des populations concernées et des linguistes. Les orthographes présentées ici sont le résultat de choix mûrement réfléchis, et sont valides pour la Guyane française. Le degré et l’étendue des adaptations orthographiques dépend souvent de l’expérience de la colonisation vécue par chaque peuple, notamment dans le cas du créole et du nengee tongo. Transcrire fidèlement une langue est une forme de respect pour ses locuteurs, et une reconnaissance des choix éclairés qu’ils ont faits. Nous avons parfois pris en compte des variations de prononciation, en particulier pour le kali’na qui est parlé du Venezuela à l’Amapá.

La graphie des noms palikur est adaptée de Green & Green (1998). Pour le kali’na, c’est celle qui a été adoptée par la communauté Kali’na de Guyane (Renault-Lescure 2009), dans laquelle nous avons gardé l’archi-phonème /k/ (aujourd’hui le plus souvent prononcé /g/). Les noms wayana sont orthographiés d’après Camargo & Tapinkili (2009), et ceux en wayāpi selon Grenand (1989). La graphie des noms teko est celle adoptée par Maurel *et al.* (2020). Les noms nengee tongo sont orthographiés d’après SIL (2003) et ont été vérifiés par J. Ateni et C. Ansoe-Tareau. Les noms en créole suivent Barthélemy (2007) et Renault-Lescure & Goury (2009), et ont été revus par F. Grenand and M.-A. Tareau. Les quelques noms donnés par Aublet (1775), surtout en galibi (c’est-à-dire en kali’na) et en “français” (ce qui, à l’époque, signifiait en créole) ont été conservés dans leur orthographe d’origine.

Certains phonèmes utilisés ici nécessitent une explication. Dans la plupart des langues, le phonème /u/ est prononcé “ou” comme dans “genou” en français et en créole. Le phonème /i/, présent dans la plupart des langues amérindiennes de Guyane, est une voyelle dont la prononciation est entre le “i” français (dans “liste”) et

species, all vernacular names are grouped in a single paragraph, the languages being separated by a bullet point and designated by the following abbreviations: **Pa**, Palikur • **Ka**, Kali'na • **Te**, Teko • **Wp**, Wayāpi • **Wn**, Wayana • **Nt**, Nengee tongo (Aluku/Ndjuka/Paramaka) • **Cr**, Créole • **Fr**, French • **Br**, Brazilian Portuguese. Within each language, names are listed in alphabetical order.

## RESULTS AND DISCUSSION

Our list consists of 1811 taxa (i.e. 1783 species, some of which represented by two or more infraspecific taxa) belonging to 422 genera and 87 families, and 7720 synonyms (see taxonomic novelties in Table 1). It includes 11 introduced, naturalised species. Eight families account for nearly 50 % of all species: Leguminosae, Lauraceae, Myrtaceae, Sapotaceae, Chrysobalanaceae, Annonaceae, Melastomataceae and Rubiaceae (Table 2). Among the Leguminosae, the subfamily Caesalpinioideae is by far the richest having 134 species representing 27 genera, which alone is more than any other family in French Guiana. Within Caesalpinioideae, 106 species representing 18 genera belong to the mimosoid clade as defined by LPWG *et al.* (2017). Sixteen families are represented by a single species, and 40 families by five or less (Table 2).

Of the 46 genera that together represent more than 50 % of all tree species, the richest are *Eugenia*, *Inga*, *Pouteria*, *Ocotea*, *Miconia*, *Myrcia*, *Protium*, *Sloanea* and *Licania* (Table 3). Conversely, 178 genera are represented by a single tree species, and 85 by two.

Comparison of our list with previous floristic references for the whole of French Guiana (Fig. 5) illustrates both an acceleration during the last few decades of the rate at which knowledge of the flora has accumulated, and the distance still to be covered to complete the inventory of the flora, of which trees are only one part. The incompleteness of the tree flora inventory is further illustrated by the evolution of the number of unnamed species: this figure has risen from 117 in Molino *et al.* (2009) to 143 today, despite the identification of 52 taxa of the 2009 list and the removal of 10 others based on insufficiency of data (Appendix 6).

Our list provides for the first time demographic data on many species, most of which are very poorly known in this respect. More specifically, total abundance, local maximum frequency, geographic dispersion, are given for the 1293 species that are present in our inventory plots. This information, along with the number of herbarium specimens collected in French Guiana, may be useful for future ecological studies, as well as for assessing the IUCN Red List status of these species (IUCN 2021).

Of the 218 species considered hyperdominant by ter Steege *et al.* (2020), 143 (66%) appear in our list. However, these hyperdominant species in Amazonia are not all abundant in French Guiana: 41 of them are represented by less than 20 individuals in our inventory network. In contrast, only 9 hyperdominant species are among the 20 most abundant species (> 1000 trees) in our dataset.

le “u” (dans “rue”); il s’écrit “i” en wayāpi, en teko et en kali’na, et “i” en wayana. Dans presque toutes les langues, le phonème /e/ est toujours prononcé “é” comme dans le mot français “été”; en français et en créole, sa prononciation dépend du contexte. En wayana, /ë/ correspond au “eu” du mot français “beurre”. En palikur, /h/ est proche de l’espagnol /j/ dans “navaja”, mais en wayana, /h/ est un h expiré. Les voyelles nasales des langues amérindiennes sont: /ẽ/ prononcé comme dans le français “peint”, /õ/ comme dans “bon”, et /ã/ comme dans “banc”; /ĩ/ et /ũ/ sont nasalisés comme dans les mots portugais “mirim” et “atum”; /ĩ/, un phonème wayāpi peu courant, est le /i/ nasalisé. Par ailleurs, le créole “en” est prononcé “ein” comme dans le français “sein”. Le /y/, comme dans l’allemand “ya” est presque toujours écrit “y”, sauf en wayana où il est remplacé par “j”. Le phonème /b/ en teko est prononcé “mb”. Le /š/ du kali’na est prononcé comme dans l’anglais “short”. Les consonnes finales comme g, k, m, n, p, t, s sont prononcées en teko, wayana, palikur, créole et nengee tongo.

Beaucoup des noms cités ici sont associés à des spécimens d’herbier, pour la plupart déposés à CAY. Pour chaque espèce, tous les noms vernaculaires sont regroupés en un seul paragraphe, les langues étant séparées par une puce et abrégées comme suit: **Pa**, palikur • **Ka**, kali’na • **Te**, teko • **Wp**, wayāpi • **Wn**, wayana • **Nt**, nengee tongo (aluku/ndjuka/paramaka) • **Cr**, créole • **Fr**, français • **Br**, portugais du Brésil. Dans chaque langue, les noms sont présentés dans l’ordre alphabétique.

## RÉSULTATS ET DISCUSSION

Notre catalogue comprend 1811 taxa (c’est-à-dire 1783 espèces, dont certaines représentées par deux ou plusieurs taxa infraspécifiques) appartenant à 422 genres et 87 familles, et 7720 synonymes (voir nouveautés taxonomiques, Tableau 1). Il inclut 11 espèces introduites et naturalisées. Huit familles représentent ensemble près de 50 % des espèces: les Leguminosae, Lauraceae, Myrtaceae, Sapotaceae, Chrysobalanaceae, Annonaceae, Melastomataceae et Rubiaceae (Tableau 2). Au sein des Leguminosae, la sous-famille des Caesalpinioideae est de loin la plus riche, avec 134 spp. pour 27 genres, c’est-à-dire plus que n’importe quelle autre famille présente en Guyane. Au sein des Caesalpinioideae, 106 espèces représentant 18 genres font partie du clade mimosoïde tel que défini par LPWG (2017). Seize familles ne comptent qu’une seule espèce, et 40 familles cinq ou moins (Tableau 2).

Parmi les 46 genres qui ensemble regroupent plus de 50 % de toutes les espèces d’arbres, les plus diversifiés sont *Eugenia*, *Inga*, *Pouteria*, *Ocotea*, *Miconia*, *Myrcia*, *Protium*, *Sloanea* et *Licania* (Tableau 3). À l’opposé, 178 genres sont représentés par une seule espèce, et 85 par seulement deux.

La comparaison de notre liste avec les références floristiques antérieures pour l’ensemble de la Guyane fran-

TABLE 3. — Genera with ten or more tree species in French Guiana/Genres comportant dix espèces d'arbres ou plus en Guyane française.

Genus (Family)	Nb of species
<i>Eugenia</i> (Myrtaceae)	62
<i>Inga</i> (Leguminosae-Caesalpinioideae, mimosoid clade)	59
<i>Pouteria</i> (Sapotaceae)	59
<i>Ocotea</i> (Lauraceae)	40
<i>Miconia</i> (Melastomataceae)	38
<i>Myrcia</i> (Myrtaceae)	35
<i>Protium</i> (Burseraceae)	35
<i>Sloanea</i> (Elaeocarpaceae)	32
<i>Licania</i> (Chrysobalanaceae)	31
<i>Ficus</i> (Moraceae)	26
<i>Casearia</i> (Salicaceae)	18
<i>Cordia</i> (Cordiaceae)	18
<i>Guatteria</i> (Annonaceae)	18
<i>Eschweilera</i> (Lecythidaceae)	18
<i>Aniba</i> (Lauraceae)	17
<i>Chrysophyllum</i> (Sapotaceae)	17
<i>Hirtella</i> (Chrysobalanaceae)	17
<i>Mouriri</i> (Melastomataceae)	17
<i>Terminalia</i> (Combretaceae)	16
<i>Tovomitia</i> (Clusiaceae)	16
<i>Ormosia</i> (Leguminosae-Papilionoideae)	15
<i>Swartzia</i> (Leguminosae-Papilionoideae)	15
<i>Talisia</i> (Sapindaceae)	15
<i>Annona</i> (Annonaceae)	14
<i>Guarea</i> (Meliaceae)	13
<i>Micropholis</i> (Sapotaceae)	13
<i>Vochysia</i> (Vochysiaceae)	13
<i>Clusia</i> (Clusiaceae)	12
<i>Couepia</i> (Chrysobalanaceae)	12
<i>Erythroxylum</i> (Erythroxylaceae)	12
<i>Hymenopus</i> (Chrysobalanaceae)	12
<i>Lecythis</i> (Lecythidaceae)	12
<i>Rinorea</i> (Violaceae)	12
<i>Trichilia</i> (Meliaceae)	12
<i>Xylopia</i> (Annonaceae)	12
<i>Licaria</i> (Lauraceae)	11
<i>Pourouma</i> (Urticaceae)	11
<i>Quiina</i> (Ochnaceae)	11
<i>Aspidosperma</i> (Apocynaceae)	10
<i>Byrsonima</i> (Malpighiaceae)	10
<i>Cybianthus</i> (Primulaceae)	10
<i>Diospyros</i> (Ebenaceae)	10
<i>Duguetia</i> (Annonaceae)	10
<i>Ouratea</i> (Ochnaceae)	10
<i>Tachigali</i> (Leguminosae-Caesalpinioideae)	10

Lastly, the 4354 vernacular names in nine languages that are listed here for 1157 species, make up the first vernacular nomenclature published so far for French Guiana.

### Acknowledgements

We dedicate this work to our dear friends and colleagues Marie-Françoise “Fanchon” Prévost (1941-2013) and Scott A. Mori (1941-2020), who devoted so much passion and effort to our understanding of the flora of French Guiana. This work owes a lot to the richness and quality of the Herbarium IRD de Guyane (CAY) (Gonzalez *et al.* 2021). We are indebted to its Curator Sophie Gonzalez and to the technical staff, as well as the many specialists who checked our tentative determinations and identified the collections held in CAY. We thank Georges Elfort, Jean-Louis Smock, Chantal Geniez, Michel Tarcy, Desmo and

çaïse (Fig. 5) illustre à la fois une accélération du rythme d'accumulation des connaissances au cours des dernières décennies, et le chemin qui reste à parcourir pour compléter l'inventaire de la flore, dont les arbres ne sont qu'une partie. L'incomplétude de l'inventaire de la flore arborescente est illustrée par l'évolution du nombre d'espèces non nommées : ce chiffre est passé de 117 dans Molino *et al.* (2009) à 143 aujourd'hui, malgré l'identification de 52 taxons de la liste de 2009 et la suppression de 10 autres en raison de l'insuffisance des données (Annexe 6).

Ce catalogue fournit pour la première fois des données démographiques sur de nombreuses espèces, pour la plupart très mal connues à cet égard. Plus précisément, l'abondance totale, la fréquence maximale locale et la distribution géographique sont données pour les 1293 espèces qui sont présentes dans nos relevés. Ces informations, avec le nombre de spécimens d'herbier collectés en Guyane française, peuvent servir à de futures études en écologie, ainsi qu'à l'évaluation du statut de conservation de ces espèces selon les critères de la liste rouge de l'UICN (2021).

Sur les 218 espèces considérées comme hyperdominantes par ter Steege *et al.* (2020), 143 (66%) sont présentes dans notre liste. Bien qu'hyperdominantes en Amazonie, elles ne sont cependant pas toutes abondantes en Guyane : 41 d'entre elles ne sont représentées que par 20 individus ou moins dans nos inventaires d'arbres. À l'opposé, seules neuf espèces hyperdominantes sont parmi les 20 espèces les plus abondantes (> 1000 arbres) dans notre jeu de données.

Enfin, les 4354 noms vernaculaires dans neuf langues recensés ici pour 1157 espèces constituent la première nomenclature vernaculaire des arbres de Guyane publiée à ce jour.

### Remerciements

Nous dédions ce travail à nos regrettés amis et collègues Marie-Françoise “Fanchon” Prévost (1941-2013) et Scott A. Mori (1941-2020), qui ont consacré tant de passion et d'efforts à l'étude de la flore de la Guyane. Ce travail doit beaucoup à la richesse et à la qualité de l'Herbier IRD de Guyane (CAY) (Gonzalez *et al.* 2021). Nous sommes redevables à sa conservatrice Sophie Gonzalez et au personnel technique, ainsi qu'aux nombreux spécialistes qui ont vérifié nos déterminations et identifié les collections de CAY. Nous remercions Georges Elfort, Jean-Louis Smock, Chantal Geniez, Michel Tarcy, Desmo et Wemo Betian, pour leur assistance technique sur le terrain lors des inventaires des arbres, et Pascal Petronelli pour sa contribution aux identifications botaniques. Nous remercions également Olivier Brunaux, Joseph Ateni et Hélène Richard pour leur contribution au recensement des noms vernaculaires utilisés par les forestiers et leurs informateurs en nengé tongo, français, créole et portugais du Brésil. Nous remercions chaleureusement Clarisse Ansoe-Tareau, Marc-Alexandre Tareau et Jammes Panapuy

Wemo Betian, for technical assistance in the field during tree inventories, and Pascal Petronelli for his contribution to botanical identifications. We also thank Olivier Brunaux, Joseph Ateni and H el ene Richard for their contribution to the census of vernacular names used by foresters and tree spotters in Nengee tongo, French, Creole and Brazilian Portuguese languages. Clarisse Ansoe-Tareau, Marc-Alexandre Tareau and Jammes Panapuy are warmly thanked for checking the spelling of, respectively, Nengee tongo, French Guianese Creole, and Teko names. We thank Odile Poncy, Corinne Sarthou and the editor-in-chief Thierry Deroin for their careful reading of the manuscript and helpful suggestions. CAY specimens have been digitized thanks to the “Investissement d’Avenir” program e-RECOLNAT (RECOLNAT-ANR-11-IN-BS-0004). This work was supported by two other “Investissement d’Avenir” grants managed by the *Agence nationale de la Recherche*: Labex DRIIHM/IRDHEI (ANR-11-LABX-0010/11-LABX-0010) and Labex CEBA (ANR-10-LABX-25-01).

#### Author contributions

JFM and DS initiated the project with M.-F. Pr evost†; DS, MFP†, JFM and JE provided inventory data and established the primary list of tree species with input from PG, and from PGD for Rubiaceae; JFM and CAM computed demographic indices; taxonomic and nomenclatural compilations were done by JFM (all families), DF (several families, including Annonaceae, Chrysobalanaceae, Leguminosae-Caesalpinioideae, Lecythydaceae, Meliaceae), PGD (Rubiaceae), with input from JE, and checked by EJL for Myrtaceae; GO initiated the multilingual compilation of vernacular names; PG provided Kali’na, Palikur and Way api names, compiled lists of Creole, French and Brazilian names from various sources, and checked names in all languages; MF provided Wayana and Nengee tongo names; GO and DD provided Teko names; JFM wrote the first draft of the text; DF, EJL and PGD corrected the English; all authors commented on and amended the text •

pour la v erification de l’orthographe des noms en nengee tongo, en cr eole et en teko. Nous remercions Odile Poncy, Corinne Sarthou et le r edacteur-en-chef Thierry Deroin, pour leur lecture attentive du manuscrit et leurs suggestions pertinentes. Les sp ecimens de CAY ont  et e num eris es dans le cadre du programme “Investissement d’Avenir” e-RECOLNAT (RECOLNAT-ANR-11-IN-BS-0004) g er e par l’Agence nationale de la Recherche. Ce travail a b en efici e de financements provenant de deux autres programmes “Investissement d’Avenir”, eux aussi g er es par l’ANR: le LabEx DRIIHM/IRDHEI (ANR-11-LABX-0010/11-LABX-0010) et le LabEx CEBA (ANR-10-LABX-25-01).

#### Contribution des auteurs

JFM et DS ont initi e le projet avec M.-F. Pr evost†; DS, MFP†, JFM et JE ont fourni les donn ees d’inventaire et  etabli la liste primaire des esp eces d’arbres, avec la contribution de PG, et de PGD pour les Rubiaceae; JFM et CAM ont calcul e les indicateurs d emographiques; les compilations taxonomiques et nomenclaturales ont  et e r ealis ees par JFM (toutes les familles), DF (plusieurs familles, dont les Annonaceae, Chrysobalanaceae, Leguminosae-Caesalpinioideae, Lecythydaceae, Meliaceae), PGD (Rubiaceae), avec la contribution de JE, et v erifi ees par EJL pour les Myrtaceae; GO a initi e la compilation multilingue des noms vernaculaires; PG a fourni les noms Kali’na, Palikur et Way api, a compil e des listes de noms cr eoles, fran ais et br esiliens provenant de diverses sources, et a v erifi e les noms dans toutes les langues; MF a fourni les noms Wayana et Nengee tongo; GO et DD ont fourni les noms Teko; JFM a  ecrit la premi ere version du texte; DF, EJL et PGD ont corrig e l’anglais; tous les auteurs ont comment e et modifi e le texte •

## CHECKLIST

Each accepted name is preceded by a unique number in square brackets, which serves as a reference in the indexes of exsiccata and vernacular names that follow the checklist/*Chaque nom accepté est précédé d'un numéro unique entre crochets, qui sert de référence dans les index des exsiccata et des noms vernaculaires qui suivent le catalogue.*

### Family ACANTHACEAE Juss. Genus *Avicennia* L.

#### [1] *Avicennia germinans* (L.) L. (Fig. 6A)

*Sp. Pl.*, ed. 3, 2: 891 (Linnaeus 1764). — *Bontia germinans* L., *Syst. Nat.*, ed. 10, 2: 1122 [7 Jun. 1759] (Linnaeus 1759).

*Avicennia nitida* Jacq., *Enum. Syst. Pl.*: 25 [Aug.-Sep. 1760] (Jacquin 1760). — *Hilairanthus nitidus* (Jacq.) Tiegh., *J. Bot. [Morot]* 12: 358 (Tieghem 1898). — *Avicennia officinalis* L. var. *nitida* (Jacq.) Kuntze, *Revis. Gen. Pl.* 2: 502 [5 Nov. 1891] (Kuntze 1891).

*Avicennia tomentosa* Jacq., *Enum. Syst. Pl.*: 25 [Aug.-Sep. 1760] (Jacquin 1760). — *Hilairanthus tomentosus* (Jacq.) Tiegh., *J. Bot. [Morot]* 12: 358 (Tieghem 1898).

*Avicennia africana* P.Beauv., *Fl. Oware* 1: 80 (Palisot 1806).

*Avicennia tomentosa* var. *campechensis* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 284 [8 June 1818] (Kunth 1818).

*Avicennia tomentosa* var. *cumanensis* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 283 [8 June 1818] (Kunth 1818). — *Avicennia germinans* var. *cumanensis* (Kunth) Moldenke, *Phytologia* 30 (1): 15 [23 Jan. 1975] (Moldenke 1975).

*Avicennia tomentosa* var. *guayaquilensis* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 284 [8 June 1818] (Kunth 1818). — *Avicennia germinans* var. *guayaquilensis* (Kunth) Moldenke, *Phytologia* 29 (2): 75 [19 Nov. 1974] (Moldenke 1974).

*Avicennia elliptica* Thunb., *Pl. Bras.* 3: 37 (Thunberg 1821).

*Avicennia floridana* Raf., *Atlantic J.*: 148 (Rafinesque 1832).

*Avicennia lamarckiana* C.Presl, *Abh. Königl. Böhm. Ges. Wiss.*, ser. 5, 3: 529 [Jul.-Dec. 1845] (Presl 1845).

*Avicennia meyeri* Miq., *Linnaea* 18: 262 [“1844” publ. Feb(-May?) 1845] (Miquel 1845).

*Avicennia oblongifolia* Nutt. ex Chapm., *Fl. South. U.S.*: 310 [14 Aug. 1860] (Chapman 1860).

*Avicennia floridana* Gand., *Bull. Soc. Bot. France* 65: 64 (Gandoger 1918), *nom. illeg. hom., non Raf.* (Rafinesque 1832).

*Avicennia nitida* var. *trinitensis* Moldenke, *Phytologia* 1 (2): 96 [4 Aug. 1934] (Moldenke 1934).

*Avicennia germinans* f. *aberrans* Moldenke, *Phytologia* 47 (3): 222 [Dec. 1980] (Moldenke 1980).

*Avicennia germinans* f. *brasiliensis* Moldenke, *Phytologia* 47 (3): 222 [Dec. 1980] (Moldenke 1980).

*Avicennia germinans* f. *venezuelensis* Moldenke, *Phytologia* 47 (3): 222 [Dec. 1980] (Moldenke 1980).

NOTES. — A species restricted to mangrove forests. Replacement of *Bontia* L. by *Avicennia* Jacq. already appears in *errata* of *Species Plantarum*, ed. 2 (Linnaeus 1763, 2: 1684, typographical error “990” for 890), but as for genus only. It was fully incorporated in ed. 3 for species (Linnaeus 1764: 891) (see Compère 1963).

VERNACULAR NAMES. — Pa: payuy • Ka: apali'i, apaliyu • Nt: paluwa • Cr: pativyé-blan • Fr: palétuvier blanc • Br: siriúba.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *M.-F. Prévost* 3900, 15 m × 18 cm.

### Family ACHARIACEAE Harms Genus *Carpotroche* Endl.

#### [2] *Carpotroche crispidentata* Ducke

*Arch. Inst. Biol. Veg.* 4 (1): 55 [June 1938] (Ducke 1938).

VERNACULAR NAMES. — Pa: wakavu-kamwi, waravru-kamwi • Wn: pëmu epit • Br: fruta-de-cutia.

HERBARIUM DATA (FG). — 80 collections at CAY. Sel. exs.: *D. Sibatier* 965.

SIZE. — Up to 15 cm dbh (Sleumer 1980).

#### [3] *Carpotroche longifolia* (Poepp.) Benth. (Fig. 6B)

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 82 [May 1861] (Bentham 1861). — *Mayna longifolia* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 64 [23-25 Jan. 1845] (Poeppig 1845).

*Mayna linguifolia* R.E.Schult., *Caldasia* 3 (15): 439 (Schultes 1945). — *Carpotroche linguifolia* (R.E.Schult.) Cuatrec., *Trop. Woods* 101: 28 (Cuatrecasas 1955).

*Mayna longifolia* var. *heliocarpa* R.E.Schult., *Caldasia* 3 (15): 441 (Schultes 1945). — *Carpotroche longifolia* var. *heliocarpa* (R.E.Schult.) Cuatrec., *Trop. Woods* 101: 28 (Cuatrecasas 1955).

*Mayna longifolia* var. *phasmatorcarpa* R.E.Schult., *Bot. Mus. Leaflet* 12 (4): 125 [25 Jan. 1946] (Schultes 1946). — *Carpotroche longifolia* var. *phasmatorcarpa* (R.E.Schult.) Cuatrec., *Trop. Woods* 101: 28 (Cuatrecasas 1955).

*Mayna pacifica* Cuatrec. var. *pusilla* R.E.Schult., *Bot. Mus. Leaflet* 13 (9): 285 [18 Apr. 1949] (Schultes 1949).

*Mayna muricida* R.E.Schult., *Rhodora* 65: 14 (Schultes 1963).

VERNACULAR NAMES. — Wp: ka'a ki, walapulu lá • Wn: tapalaimë • Br: cacao-branco, fruta-de-cutia, pau-de-cachimbo.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *P. Grenand* 645.

SIZE. — Up to 20 m tall (Sleumer 1980).

#### [4] *Carpotroche surinamensis* Uittien

*Recueil Trav. Bot. Néerl.* 22: 368 [“1925” publ. Jan. 1926] (Uittien 1926).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *R.A.A. Oldeman 2193*.

SIZE. — Guyana. *M.J. Jansen-Jacobs et al. 230*: 10 cm dbh.

Genus *Lindackeria* C.Presl

[5] *Lindackeria paludosa* (Benth.) Gilg

*Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 404 (Gilg 1925). — *Mayna paludosa* Benth., *J. Bot. [Hooker]* 4: 114 (Bentham 1842). — *Carpotroche paludosa* (Benth.) Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 203 [18-20 Sep. 1842] (Walpers 1842).

*Mayna laxiflora* Benth., *J. Bot. [Hooker]* 4: 114 (Bentham 1842). — *Carpotroche laxiflora* (Benth.) Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 203 [18-20 Sep. 1842] (Walpers 1842). — *Oncoba maynensis* var. *laxiflora* (Benth.) Eichler, *Fl. Bras. [Martius]* 13 (1): 441 [1 Oct. 1871] (Eichler 1871). — *Lindackeria maynensis* var. *laxiflora* (Benth.) Mart. ex Pittier, *Cat. Fl. Venez. [Pittier]* 2: 166 (Pittier 1947).

*Lindackeria maynensis* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 63 [23-25 Jan. 1845] (Poeppig 1845). — *Oncoba maynensis* (Poepp.) Eichler, *Fl. Bras. [Martius]* 13 (1): 441 [1 Oct. 1871] (Eichler 1871).

VERNACULAR NAMES. — Pa: iwan-etni, iwen-hetni.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 2116*.

INVENTORY DATA (FG). — 35 trees in 4 plots;  $F_{\max} = 5.1\%$ ;  $dbh_{\text{inv}} = 21.6$  cm.

Family ANACARDIACEAE R.Br.  
Genus *Anacardium* L.

[6] *Anacardium amapaense* J.D.Mitch.  
(Fig. 6C)

*Brittonia* 44 (3): 331 (Mitchell 1992), “*amapaense*”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier 3146* (para-, CAY[CAY002075]).

INVENTORY DATA (FG). — 3 trees in 2 plots;  $dbh_{\text{inv}} = 52.2$  cm.

[7] *Anacardium giganteum* W.Hancock ex Engl.

*Fl. Bras. [Martius]* 12 (2): 409 [1 Sep. 1876] (Engler 1876).

VERNACULAR NAMES. — Ka: akayuu • Wp: akayu u • Wn: olojimë • Cr: kajou-gran-bwa • Br: cajuacu, caju-da-mata, cajueiro-do-mato.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier 5139*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 111.4$  cm.

[8] *Anacardium occidentale* L.

*Sp. Pl.* 1: 383 [1 May 1753] (Linnaeus 1753). — *Acajuba occidentalis* (L.) Gaertn., *Fruct. Sem. Pl.* 1: 192 [Dec. 1788] (Gaertner 1788).

*Cassuvium pomiferum* Lam., *Encycl. [J. Lamarck et al.]* 1 (1): 22 [Dec. 1783] (Lamarck 1783).

*Cassuvium solitarium* Stokes, *Bot. Mat. Med.* 2: 474 (Stokes 1812).

*Cassuvium reniforme* Blanco, *Fl. Filip. [F.M. Blanco]*: 322 (Blanco 1837).

*Anacardium occidentale* var. *gardneri* Engl., *Monogr. Phan. [A.D.C. & C.D.C.]* 4: 220 [Mar. 1883] (Engler 1883).

*Anacardium microcarpum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 202 (Ducke 1922).

NOTE. — Introduced from Brazil, naturalised on the western coast of French Guiana.

VERNACULAR NAMES. — Pa: mihitui • Ka: oloi • Te: akadjun • Wp: akayu • Wn: oloi • Nt: kasu, kasun • Cr: kajou • Fr: noix de cajou (fruit), pomme cajou (pseudo-fruit), pommier-cajou • Br: caju (fruit), cajueiro.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *A. Le Goff 201*.

SIZE. — Up to 40 cm dbh (Mitchell 1997).

[9] *Anacardium spruceanum* Benth. ex Engl.

*Fl. Bras. [Martius]* 12 (2): 410 [1 Sep. 1876] (Engler 1876).

VERNACULAR NAMES. — Pa: mihitui-kamwi, mihitui-tivarabuyenë • Ka: akayuu • Wp: akayu u • Wn: olojimë • Nt: busi kasu, busi kasun • Cr: kajou-gran-bwa • Fr: cajou sauvage • Br: cajuacu, caju-da-mata, cajueiro-do-mato.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & D.-Y. Alexandre 889*.

INVENTORY DATA (FG). — 153 trees in 83 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 85$  cm.

Genus *Astronium* Jacq.

[10] *Astronium lecointei* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 202 (Ducke 1922).

NOTE. — According to Mitchell (1995), it is very close to *Astronium obliquum* Griseb., and if synonymized, the latter has priority.

VERNACULAR NAMES. — Te: tininipi • Br: aroeira, muiraquatiara.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1991*.

INVENTORY DATA (FG). — 25 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.7$  cm.

[11] *Astronium ulei* Mattick

*Notizbl. Bot. Gart. Berlin-Dahlem* 11: 996 [20 Jan. 1934] (Mattick 1934).

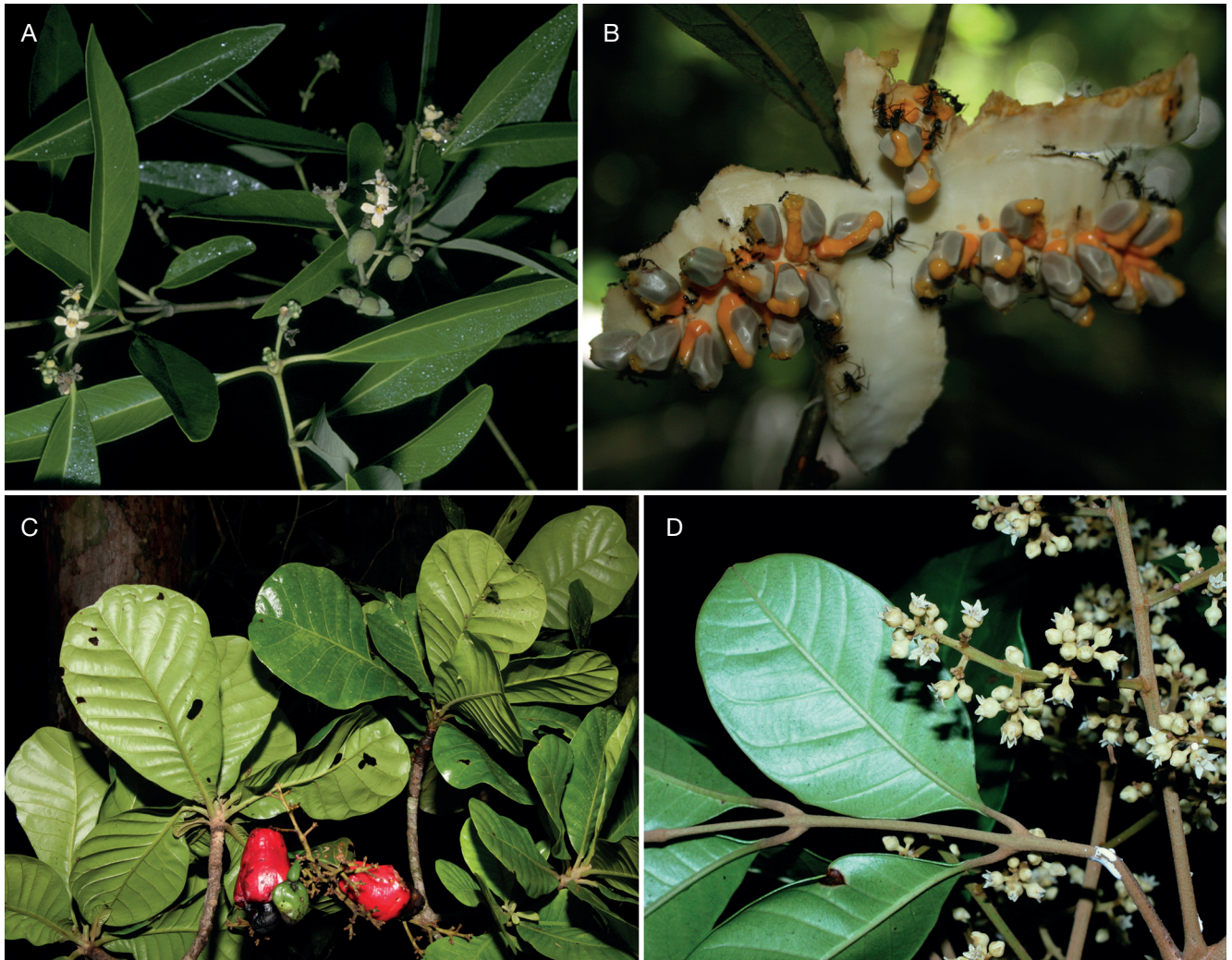


FIG. 6. — Acanthaceae: **A**, *Avicennia germinans* (L.) L. (M.-F. Prévost 4058); **B**, *Carpotroche longifolia* (Poepp.) Benth.; **C**, *Anacardium amapaense* J.D.Mitch. (D. Sabatier *et al.* 6109); **D**, *Thyrsoedium guianense* Sagot ex Marchand (M.-F. Prévost & D. Sabatier 4801). A, © M.-F. Prévost/IRD; B, © J.-F. Molino/IRD; C, D, © D. Sabatier/IRD.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *M.-F. Prévost 2161*.

INVENTORY DATA (FG). — 81 trees in 30 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 38.4$  cm.

Genus *Loxopterygium* Hook.f.

[12] *Loxopterygium sagotii* Hook.f.

*Gen. Pl. [Bentham & Hooker f.] 1 (1): 420 [7 Aug. 1862] (Hooker 1862).*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: aneku-kamwi • Ka: kuipali.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P.A. Sagot 973, 1856* (holo-, K[K000572513, K000572514, K000572515]; iso-, BM[BM000793057], BR[BR0000006952877], F[V0047653F], MPU[MPU021092], U[U0000193]).

INVENTORY DATA (FG). — 1 tree; dbh = 48.3 cm.

Genus *Spondias* L.

[13] *Spondias mombin* L.

*Sp. Pl.* 1: 371 [1 May 1753] (Linnaeus 1753). — *Spondias myrobalanus* L., *Syst. Nat.*, ed. 10, 2: 1036 [7 June 1759] (Linnaeus 1759), *nom. illeg. superfl.* (based on the same description and reference to “Brown Jam. 229” as *S. lutea* L.). — *Spondias lutea* L., *Sp. Pl.*, ed. 2, 1: 613 [Sep. 1762] (Linnaeus 1762), *nom. illeg. superfl.* (based on the type of *Spondias mombin* L.). — *Spondias lucida* Salisb., *Prodr. Stirp. Chap. Allerton* 172 [Nov.-Dec. 1796] (Salisbury 1796), *nom. illeg. superfl.* (based on *Spondias myrobalanus* L. and *S. lutea* L.)

*Spondias cytherea* Tussac, *Fl. Antill.* 3: 95 (Tussac 1825), *nom. illeg. hom., non Sonn.* (Sonnerat 1782).

*Spondias aurantiaca* Schumacher & Thonn., *Beskr. Guin. Pl.* 225 (Schumacher & Thonning 1827).

*Spondias pseudomyrobalanus* Tussac, *Fl. Antill.* 4: 97 (Tussac 1827).

*Spondias dubia* A.Rich., *Fl. Seneg. Tent.* 1 (4): 153 [Sep. 1831] (Richard 1831).

*Spondias axillaris* Roxb., *Fl. Ind.*, ed. 1832, 2: 453 (Roxburgh 1832).

*Spondias oghigea* G.Don, *Gen. Hist.* 2: 79 [Oct. 1832] (Don 1832).

*Spondias zanzee* G.Don, *Gen. Hist.* 2: 79 [Oct. 1832] (Don 1832).

*Spondias graveolens* Macfad., *Fl. Jamaica [Macfadyen]* 1: 228 (Macfadyen 1837).

*Spondias lutea* var. *glabra* Engl., *Fl. Bras. [Martius]* 12 (2): 374 [1 Sep. 1876] (Engler 1876).

*Spondias lutea* var. *maxima* Engl., *Fl. Bras. [Martius]* 12 (2): 374 [1 Sep. 1876] (Engler 1876).

*Spondias nigrescens* Pittier, *Contr. U.S. Natl. Herb.* 18 (2): 75 [16 Apr. 1914] (Pittier 1914).

*Spondias purpurea* L. var. *venulosa* Engl., *Fl. Bras. [Martius]* 12 (2): 373 [1 Sep. 1876] (Engler 1876). — *Spondias venulosa* (Engl.) Engl., *Monogr. Phan. [A.D.C. & C.D.C.]* 4: 245 [Mar. 1883] (Engler 1883).

*Spondias radlkoferi* Donn.Sm., *Bot. Gaz.* 16 (7): 194 [20 July 1891] (Donnell Smith 1891).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Semi-domesticated by pre-Columbian Amerindians (Clement, 1999; Levis *et al.*, 2017).

VERNACULAR NAMES. — Pa: kahambag • Ka: mo:pe, mope • Te: bope • Wp: akaya, mope, tapeliwa • Wn: mope • Nt: mope • Cr: monben • Fr: mombin • Br: cajá, taperebá, taperibá.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *M.-F. Prévost 3330*.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 89$  cm.

### Genus *Tapirira* Aubl.

[14] *Tapirira bethanniana* J.D.Mitch.

*Mem. New York Bot. Gard.* 64: 230 (Mitchell 1990).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: ara.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15253* (holo-, NY[00050969]; iso-, CAY[CAY005527], U[U0000217, U0000218]).

INVENTORY DATA (FG). — 77 trees in 53 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 79$  cm.

[15] *Tapirira guianensis* Aubl.

*Hist. Pl. Guiane* 1: 470 [Jun.-Dec. 1775] (Aublet 1775). — *Joncquetia paniculata* Willd., *Sp. Pl.*, ed. 4 2 (1): 750 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Tapirira guianensis*).

*Comocladia tapaculo* Kunth, *Nova genera et species plantarum [H.B.K.]* 7: 18 [2 Nov. 1824] (Kunth 1824).

*Mauria multiflora* Mart. ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 14 (Bentham 1852).

*Mauria subbijuga* Mart. ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 15 (Bentham 1852).

*Odina francoana* Netto, *Ann. Sci. Nat., Bot. sér.* 5, 5: 85 (Netto 1866).

*Tapirira bijuga* Marchand, *Rev. Anacard.*: 162 (Marchand 1869), “*Tapiria*”.

*Tapirira myriantha* Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 5, 14: 295 (Triana & Planchon 1872).

*Tapirira pao-pombo* Marchand, *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1873: 58 (Marchand 1873).

*Tapirira guianensis* var. *cuneata* Engl., *Fl. Bras. [Martius]* 12 (2): 378 [1 Sep. 1876] (Engler 1876).

*Tapirira guianensis* var. *elliptica* Engl., *Fl. Bras. [Martius]* 12 (2): 378 [1 Sep. 1876] (Engler 1876).

*Tapirira pearcei* Rusby, *Mem. Torrey Bot. Club* 6 (1): 22 (Rusby 1896).

*Tapirira fanshawei* Sandwith, *Kew Bull.* 10 (3): 470 [20 Dec. 1955] (Sandwith 1955).

*Tapirira guianensis* subsp. *subandina* Barfod & Holm-Niels., *Nordic J. Bot.* 6 (4): 425 (Barfod & Holm-Nielsen 1986).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Marchand (1869: 162) ascribed to J.D. Hooker (Hook.f.) the transfer to *Tapirira* (“*Tapiria*”) of “*Mauria (Cyrtocarpa) bijuga* Mart.” Since “*Mauria bijuga*” does not exist, as Marchand (1869: 162) actually referred to *Mauria subbijuga* Martius ex Bentham (1852: 15), and since there is no trace of such a transfer by J.D. Hooker, *Tapirira bijuga* is to be ascribed to Marchand alone (not “Hook.f. ex Marchand”).

VERNACULAR NAMES. — Pa: ara, ara-ahavukunó • Ka: atapili:li, tapilili, watapalili • Te: tatapililit • Wp: tata pilili • Wn: ajawaimë • Nt: agandyamay • Cr: loussé (fruit), monben-blanc, monben-fou, monben-sovaj • Fr: mombin blanc, mombin fou • Br: cedroí, fruta-de-pombo, pau-pombo, tatapiririca.

HERBARIUM DATA (FG). — 151 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000992002]).

INVENTORY DATA (FG). — 101 trees in 55 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 58.4$  cm.

[16] *Tapirira obtusa* (Benth.) J.D.Mitch.

*Novon* 3 (1): 66 [spring 1993] (Mitchell 1993). — *Mauria obtusa* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 16 (Bentham 1852).

*Tapirira pao-pombo* var. *major* Marchand, *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1873: 59 (Marchand 1873). — *Tapirira marchandii* Engl., *Fl. Bras. [Martius]* 12 (2): 379 [1 Sep. 1876] (Engler 1876), *nom. nov.*, based on *Tapirira pao-pombo* var. *major*.

*Tapirira peckoltiana* Engl., *Fl. Bras. [Martius]* 12 (2): 379 [1 Sep. 1876] (Engler 1876).

VERNACULAR NAMES. — Pa: ara • Ka: atapili:li, tapilili, watapalili • Wp: tata pilili • Nt: baaka agandyamay • Cr: loussé (fruit), monben-blanc, monben-fou, monben-sovaj • Fr: mombin blanc, mombin fou • Br: cedroí, pau-pombo, tatapiririca.



HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *J.-F. Molino 1181*.

INVENTORY DATA (FG). — 71 trees in 45 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.7$  cm.

Genus *Thyrsodium* Salzm. ex Benth.

[17] *Thyrsodium guianense* Sagot ex Marchand (Fig. 6D)

*Rev. Anacard.*: 160 (Marchand 1869). — *Garuga guianensis* (Sagot ex Marchand) Engl., *Fl. Bras. [Martius]* 12 (2): 288 [1 Sep. 1874] (Engler 1874).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: awao, awau • Wp: anila wisi, pana'i wu • Nt: busi kasu, busi kasun • Cr: karapa-oyak, monben-fou • Br: castanha-de-porco.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *PA. Sagot 1202*, Oct. 1858 (holo-, P[P02440694]; iso-, B[not seen, photo F neg. 13153], BM[BM000793056{1858}], F[V0049806F, V0049807F], G[G00237128], GH[GH00049263], K[K000572524, K000572525], MPU[MPU020465], P[P02440695], S[S-R-10870], U[U0000222]).

INVENTORY DATA (FG). — 204 trees in 80 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 47.1$  cm.

[18] *Thyrsodium puberulum* J.D.Mitch. & Daly

*Brittonia* 45 (2): 122 (Mitchell & Daly 1993).

VERNACULAR NAMES. — Pa: ayao, ayau • Te: tudjulata'i • Wp: taitetu kasi ni, taitetu kasi ni • Nt: lebi moni • Cr: karapa-oyak • Br: breu-de-leite.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: *J.-J. de Granville B-5486* (holo-, NY[00050976]; iso-, CAY[CAY010453, CAY010454], K[K000035326], NY[00004689]).

INVENTORY DATA (FG). — 200 trees in 86 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 53.5$  cm.

[19] *Thyrsodium spruceanum* Benth.

*Hooker's J. Bot. Kew Gard. Misc.* 4: 17 (Bentham 1852). — *Garuga spruceana* (Benth.) Engl., *Fl. Bras. [Martius]* 12 (2): 286 [1 Sep. 1874] (Engler 1874).

*Thyrsodium schomburgkianum* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 18 (Bentham 1852). — *Garuga schomburgkiana* (Benth.) Engl., *Fl. Bras. [Martius]* 12 (2): 287 [1 Sep. 1874] (Engler 1874).

*Thyrsodium salzmannianum* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 18 (Bentham 1852). — *Garuga schomburgkiana* (Benth.) Engl. var. *salzmanniana* (Benth.) Engl., *Fl. Bras. [Martius]* 12 (2): 287 [1 Sep. 1874] (Engler 1874). — *Thyrsodium schomburgkianum* Benth. var. *salzmannianum* (Benth.) Engl., *Monogr. Phan. [A.D.C. & C.D.C.]* 4: 297 [Mar. 1883] (Engler 1883).

*Garuga gigantea* Engl., *Fl. Bras. [Martius]* 12 (2): 288 [1 Sep. 1874] (Engler 1874). — *Thyrsodium giganteum* (Engl.) Engl., *Monogr. Phan. [A.D.C. & C.D.C.]* 4: 297 [Mar. 1883] (Engler 1883).

*Thyrsodium paraense* Huber, *Bull. Soc. Bot. Genève, sér. 2*, 6: 183 [“1914” publ. 1915] (Huber 1915).

*Thyrsodium dasytrichum* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 210 [27 June 1932] (Sandwith 1932).

NOTE. — One of five species whose relative density in tree communities likely indicative of pre-Columbian archeological sites in French Guiana (Molino *et al.* 2021).

VERNACULAR NAMES. — Pa: wakavu-kamwi • Wp: tãpẽ lemiũ'i • Cr: karapa-oyak • Br: breu-de-leite.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2436*.

INVENTORY DATA (FG). — 38 trees in 24 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 35.1$  cm.

Family ANNONACEAE Juss.  
Genus *Anaxagorea* A.St.-Hil.

[20] *Anaxagorea acuminata* (Dunal) A.DC.

*Mém. Soc. Phys. Genève* 5: 211 (Candolle 1832). — *Xylopia acuminata* Dunal, *Monogr. Anonac.*: 122 [Aug.-Nov. 1817] (Dunal 1817). — *Xylopicrum acuminatum* (Dunal) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

*Anaxagorea multiflora* R.E.Fr., *Acta Horti Berg.* 12 (1): 13 (Fries 1934).

VERNACULAR NAMES. — Ka: apelemu, omose tubulu • Wp: pina'i piye, pina'i sili.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (type G-DC[G00201576]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.5$  cm.

[21] *Anaxagorea brevipedicellata* Timmerman

*Proc. Kon. Ned. Akad. Wetensch.* C 87 (3): 299 (Timmerman 1984).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3553* (para-, CAY[CAY010466], P[P01960321]).

SIZE. — Up to 15 m tall (Maas & Westra 1985).

[22] *Anaxagorea dolichocarpa* Sprague & Sandwith

*Bull. Misc. Inform. Kew* 1930 (10): 475 [4 Dec. 1930] (Sprague & Sandwith 1930).

*Anaxagorea megalophylla* R.E.Fr., *Acta Horti Berg.* 12 (1): 20 (Fries 1934).

*Anaxagorea mutica* R.E.Fr., *Acta Horti Berg.* 12 (1): 19 (Fries 1934).

VERNACULAR NAMES. — Pa: manig-kamwi, miret-kamwi • Ka: kuwe enekali • Wp: sa'i melu ka'a • Cr: baton-zin • Br: envira-branca.

HERBARIUM DATA (FG). — 180 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 996*.

INVENTORY DATA (FG). — 43 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.4$  cm.

[23] *Anaxagorea phaeocarpa* Mart.

*Fl. Bras. [Martius]* 13 (1): 40 [1 Jan. 1841] (Martius 1841).

*Anaxagorea costaricensis* R.E.Fr., *Acta Horti Berg.* 12 (1): 25 (Fries 1934).

VERNACULAR NAMES. — Pa: kigiksau, kiriksau • Wp: sa'i melu ka'a.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *R.A.A. Oldeman 1897*.

SIZE. — Up to 15 cm dbh (Maas *et al.* 2007).

Genus *Annona* L.[24] *Annona ambotay* Aubl.

*Hist. Pl. Guiane* 1: 616 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Ka: ambotay (*vide* Aublet 1775) • Te: dzalatay • Wp: iwi tay, iwi tay sili • Nt: busi atuku • Cr: viratay • Br: araticú, envira-caju, envira-jodó, envira-taia.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN[LINN-HS 983.5]).

INVENTORY DATA (FG). — 28 trees in 26 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.9$  cm.

[25] *Annona cuspidata* (Mart.) H.Rainer

*Ann. Naturhist. Mus. Wien* 108B: 193 (Rainer 2007). — *Rollinia cuspidata* Mart., *Fl. Bras. [Martius]* 13 (1): 20 [1 Jan. 1841] (Martius 1841).

*Rollinia cardiantha* Diels, *Verh. Bot. Vereins Prov. Brandenburg* 47: 134 [1 Oct. 1905] (Diels 1905).

*Rollinia pachyptera* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 176 [20 Dec. 1927] (Diels 1927).

*Rollinia sphaerantha* R.E.Fr., *Acta Horti Berg.* 12 (1): 184 (Fries 1934).

*Rollinia uniflora* R.E.Fr., *Acta Horti Berg.* 12 (1): 182 (Fries 1934).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *P. Chareyre 30D*.

SIZE. — Up to 20 cm dbh (Maas *et al.* 1992).

[26] *Annona exsucca* DC.

*in* Dunal, *Monogr. Anonac.*: 77 [Aug.-Nov. 1817] (Candolle 1817). — *Rollinia exsucca* (DC.) A.DC., *Mém. Soc. Phys. Genève* 5: 199 (Candolle 1832).

*Rollinia puberula* A.DC., *Mém. Soc. Phys. Genève* 5: 200 (Candolle 1832).

*Rollinia multiflora* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 97 [Aug.-Sep. 1842] (Splitgerber 1842).

*Rollinia tinifolia* Klotzsch ex M.R.Schomb., *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1163 ["1848" publ. 7-10 Mar. 1849] (Schomburgk 1849), *nom. subnud.*

*Rollinia glaucescens* Miq., *Stirp. Surinam. Select.*: 108 ["1850" publ. Mar. 1851] (Miquel 1851).

*Rollinia resinosa* Spruce ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 9 (Bentham 1853). — *Rollinia exsucca* subsp. *resinosa* (Spruce ex Benth.) R.E.Fr., *Acta Horti Berg.* 12 (1): 144 (Fries 1934).

*Rollinia incurva* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 303 ["1894-96" publ. Dec. 1895] (Moore 1895).

*Rollinia brevipes* R.E.Fr., *Acta Horti Berg.* 12 (1): 147 (Fries 1934).

*Rollinia broadwayi* R.E.Fr., *Acta Horti Berg.* 12 (1): 145 (Fries 1934).

*Rollinia broadwayi* var. *cuneata* R.E.Fr., *Acta Horti Berg.* 12 (1): 145 (Fries 1934).

*Rollinia exsucca* subsp. *elongata* R.E.Fr., *Acta Horti Berg.* 12 (1): 145 (Fries 1934).

*Rollinia gardneri* R.E.Fr., *Acta Horti Berg.* 12 (1): 157 (Fries 1934).

*Rollinia surinamensis* R.E.Fr., *Acta Horti Berg.* 12 (1): 147 (Fries 1934).

*Rollinia procera* R.E.Fr., *Acta Horti Berg.* 12 (3): 565 (Fries 1939).

NOTE. — Dunal (1817: 77) explicitly ascribed the name and description of *Annona exsucca* to "DC. Syst. univ. ined." See above note for *Annona exsucca*.

VERNACULAR NAMES. — Pa: manig-retni • Ka: kasimyalan, tagulewe, takulewe • Wp: iwi lû • Nt: busi atuku • Cr: abriba-sovaj • Fr: corossol sauvage • Br: araticú-do-mato, araticú-macho, biribá-brava.

HERBARIUM DATA (FG). — 130 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (holotype of *Rollinia puberula*: G[G00226077]; iso-, B[B 10 0243129], F[V0047921F], S[fragm. S-R-6899]).

INVENTORY DATA (FG). — 33 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

[27] *Annona foetida* Mart.  
(Fig. 7A)

*Fl. Bras. [Martius]* 13 (1): 16 [1 Jan. 1841] (Martius 1841).

*Annona trunciflora* R.E.Fr., *Mem. New York Bot. Gard.* 9 (1): 325 (Fries 1957).

VERNACULAR NAMES. — Pa: manig-ahavukune, pakih-em • Wp: iwi lo, iwi tay • Wn: iliwa • Cr: korosól-sovaj • Br: araticú-do-mato, envira-atá, graviola-da-mata.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *G. Cremers 7287*.

INVENTORY DATA (FG). — 11 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.1$  cm.

[28] *Annona glabra* L.

*Sp. Pl.* 1: 537 [1 May 1753] (Linnaeus 1753).

*Annona palustris* L., *Sp. Pl.*, ed. 2, 1: 757 [Sep. 1762] (Linnaeus 1762). — *Guanabanus palustris* (L.) M.Gómez, *Fl. Habanera* 114 (Gómez 1897).



FIG. 7. — Annonaceae: **A**, *Annona foetida* Mart.; **B**, *Duguetia paraensis* R.E.Fr. (D. Sabatier & J.-F. Molino 5304); **C**, *Guatteria wachenheimii* Benoist (D. Sabatier & M.-F. Prévost 3951); **D**, *Fusaea longifolia* (M.-F. Prévost & D. Sabatier 4701). © D. Sabatier/IRD.

*Annona laurifolia* Dunal, *Monogr. Anonac.* 65 [Aug.-Nov. 1817] (Dunal 1817). Based on “*A. glabra* var.  $\beta$ ” in Lam., *Encycl. [J. Lamarck et al.]* 2 (1): 125. 1786 [16 Oct. 1786] (Lamarck 1786).

*Annona peruviana* Humb. & Bonpl. ex Dunal, *Monogr. Anonac.* 67 [Aug.-Nov. 1817] (Dunal 1817). — *Annona uliginosa* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 56 [28 May 1821] (Kunth 1821), *nom. illeg. superfl.* (based on *Annona peruviana*).

*Annona australis* A.St.-Hil., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (1): 33 [23 Feb. 1824] (Saint-Hilaire 1824). — *Annona palustris* var. *grandifolia* Mart., *Fl. Bras. [Martius]* 13 (1): 11 [1 Jan. 1841] (Martius 1841).

*Asimina arborea* Raf., *Autik. Bot.* 77 (Rafinesque 1840), *nom. illeg. superfl.* (based on *Annona glabra* L.)

*Annona pisonis* A.St.-Hil. & Tul., *Ann. Sci. Nat., Bot. sér.* 2, 17: 131 (Saint-Hilaire & Tulasne 1842), “*Anona Pisonis*”, *nom. illeg. hom., non Mart.* (Martius 1841) [synonym of *A. montana* Macfad.]

NOTE. — The epithet *pisonis* comes from *Piso*, the latinized name of Willem Pies, hence is not to be corrected (Turland *et al.* 2018: Art. 60.9).

VERNACULAR NAMES. — Ka: alašityulan • Cr: dji-manmen, tchò-bèf • Br: araticú-da-lagoa.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: M.-F. Prévost 1137.

SIZE. — Up to 15 m tall (Maas *et al.* 2001).

[29] *Annona hypoglauca* Mart.

*Fl. Bras. [Martius]* 13 (1): 13 [1 Jan. 1841] (Martius 1841).

*Annona tessmannii* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 140 [1 Oct. 1924] (Diels 1924).

VERNACULAR NAMES. — Ka: woto kasimiyate • Wp: iwi lü • Wn: iliwaimë • Nt: busi atuku.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 2627.

SIZE. — Up to 10 m tall (Steyermark *et al.* 1995).

[30] *Annona montana* Macfad.

*Fl. Jamaica [Macfadyen]* 1: 7 (Macfadyen 1837).

*Annona muricata* Vell., *Fl. Flumin. Icon.* 5: t. 126 ["1827" publ. 29 Oct. 1831] (Vellozo 1831), *nom. illeg. hom., non L.* (Linnaeus 1753).

*Annona marcgravii* Mart., *Fl. Bras. [Martius]* 13 (1): 5 [1 Jan. 1841] (Martius 1841).

*Annona pisonis* Mart., *Fl. Bras. [Martius]* 13 (1): 5 [1 Jan. 1841] (Martius 1841).

*Annona sphaerocarpa* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 96 [Aug.-Sep. 1842] (Splitgerber 1842).

*Annona montana* f. *marcgravii* (Mart.) Porto, *Rodriguésia* 2: 106 (Porto 1936).

NOTES. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). See above note for *A. glabra*.

VERNACULAR NAMES. — Pa: manig • Ka: alasingun, alaşıtyu, ulusulu • Cr: korosòl-gran-bwa • Br: araticú-açu, araticú-cagão.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P. Grenand* 1594.

SIZE. — Up to 15 m tall (Maas *et al.* 2001).

[31] *Annona mucosa* Jacq.

*Observ. Bot. [Jacquin]* 1: 16 (Jacquin 1764). — *Annona mucosa* Aubl., *Hist. Pl. Guiane* 1: 618 [Jun.-Dec. 1775] (Aublet 1775), sphalm. — *Annona reticulata* var. *mucosa* (Jacq.) Willd., *Sp. Pl.*, ed. 4 2 (2): 1266 [Dec. 1799] (Willdenow 1799). — *Rollinia mucosa* (Jacq.) Baill., *Adansonia [Baillon]* 8: 268 (Baillon 1868).

*Annona obtusiflora* Tussac, *Fl. Antill.* 1: 191 (Tussac 1813). — *Annona obtusifolia* DC., *Prodr. [A. P. de Candolle]* 1: 84 [mid Jan. 1824] (Candolle 1824), orth. var., based on *Annona obtusiflora* Tussac.

*Annona squamosa* Vell., *Fl. Flumin.* 239 ["1825" publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), "*Anona*", *nom. illeg. hom., non L.* (Linnaeus 1763)  *nec* Vell. (Vellozo 1831).

*Rollinia biflora* G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831). — *Annona biflora* Ruiz & Pav. ex G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831), *nom. nud. pro syn.*

*Rollinia micrantha* G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831). — *Annona parviflora* Ruiz & Pav. ex G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831), *nom. nud. pro syn.* — *Annona*

*parviflora* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 17 (1): 427 (Ruiz & Pavón 1960).

*Rollinia pterocarpa* G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831). — *Annona pterocarpa* G.Don, *Gen. Hist.* 1: 91 [early Aug. 1831] (Don 1831), *nom. nud. pro syn., orth. var.* — *Annona pteropetala* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 17 (1): 426 (Ruiz & Pavón 1960). — *Annona pteropetala* Ruiz & Pav. ex R.E.Fr., *Acta Horti Berg.* 12 (1): 187 (Fries 1934), *nom. nud.*

*Rollinia orthopetala* A.DC., *Mém. Soc. Phys. Genève* 5: 200 (Candolle 1832).

*Annona reticulata* Sieber ex A.DC., *Mém. Soc. Phys. Genève* 5: 200 (Candolle 1832), *nom. illeg. hom., non L.* (Linnaeus 1763)  *nec* Vell. (Vellozo 1831).

*Rollinia sieberi* A.DC., *Mém. Soc. Phys. Genève* 5: 200 (Candolle 1832).

*Rollinia pulchrinervia* A.DC., *Mém. Soc. Phys. Genève* 5: 201 (Candolle 1832).

*Annona biflora* Sessé & Moc., *Fl. Mexic.*, ed. 2, 133 (Sessé & Mocino 1894).

*Rollinia deliciosa* Saff., *J. Wash. Acad. Sci.* 6: 375 (Safford 1916).

*Rollinia jimenezii* Saff., *J. Wash. Acad. Sci.* 6: 378 (Safford 1916).

*Rollinia permensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 208 [24 Oct. 1929] (Standley 1929).

*Rollinia mucosa* var. *macropoda* R.E.Fr., *Acta Horti Berg.* 12 (1): 122 (Fries 1934).

*Rollinia mucosa* subsp. *aequatorialis* R.E.Fr., *Acta Horti Berg.* 12 (1): 123 (Fries 1934).

*Rollinia mucosa* subsp. *portoricensis* R.E.Fr., *Acta Horti Berg.* 12 (1): 124 (Fries 1934).

*Rollinia neglecta* R.E.Fr., *Acta Horti Berg.* 12 (1): 124 (Fries 1934). — *Rollinia mucosa* var. *neglecta* (R.E.Fr.) R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 760 [31 Oct. 1938] (Fries 1938).

*Rollinia curvipetala* R.E.Fr., *Acta Horti Berg.* 12 (1): 178 (Fries 1934).

*Rollinia jimenezii* var. *nelsonii* R.E.Fr., *Kungl. Svenska Vetenskapsakad. Handl.*, ser. 3, 24 (10): 18 (Fries 1948).

NOTES. — Don (1831: 91) gave in synonymy under *Rollinia pterocarpa* "*Annona pterocarpa* Ruiz & Pav. fl. per. 5 t. 483". This is a clear reference to *Annona pteropetala* Ruiz & Pav., despite the mis-citation of plate 484, giving 483 instead. Similarly, under *Rollinia micrantha* Don mistakenly cited plate 484 rather than 485 for *A. parviflora* (Don 1831: 91).

VERNACULAR NAMES. — Pa: manig-amutri • Ka: kasimya, sokowe • Wp: iwi li • Wn: iliwa • Cr: abriba, korosòl-sovaj • Br: atá-preta, biriba.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* 3379, 10 m × 12 cm.

[32] *Annona neoelliptica* H.Rainer & Maas

*Ann. Naturhist. Mus. Wien* 108B: 199 (Rainer & Maas 2007). — *Rollinia elliptica* R.E.Fr., *Acta Horti Berg.* 12 (1): 160 (Fries 1934).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P.J.M. Maas et al. 8062*.

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.5$  cm.

[33] *Annona paludosa* Aubl.

*Hist. Pl. Guiane* 1: 611 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Restricted to coastal marsh forests.

VERNACULAR NAMES. — Pa: kasim • Cr: dji-manmen • Br: araticú-do-brejo.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material MPU:[MPU014808]).

SIZE. — Brazil, Maranhão. *N.A. Rosa 2812* (MO), 12 m × 40 cm.

[34] *Annona prevostiae* H.Rainer

*Brittonia* 54 (2): 136 (Rainer 2002).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *M.-F. Prévost 3742* (holo-, CAY[CAY018189]; iso-, NY[not seen], WU[WU0026227, not seen]).

INVENTORY DATA (FG). — 16 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.6$  cm.

[35] *Annona sericea* Dunal

*Monogr. Anonac.* 69 [Aug.-Nov. 1817] (Dunal 1817).

*Annona jenmanii* Saff., *Contr. U.S. Natl. Herb.* 16: 267 (Safford 1913).

*Annona trinitensis* Saff., *Contr. U.S. Natl. Herb.* 16: 268 (Safford 1913).

VERNACULAR NAMES. — Pa: kasim-kamwi • Ka: ulusulu, yapopale • Wp: iwilū e'e • Br: araticú-do-Pará, atá-brava.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (holo-, G-DC[G00201278]).

SIZE. — Up to 20 m tall (Steyermark *et al.* 1995).

[36] *Annona symphyocarpa* Sandwith

*Bull. Misc. Inform. Kew* 1930 (10): 477 [4 Dec. 1930] (Sandwith 1930).

*Annona tenuipes* R.E.Fr., *Ark. Bot., n.s.*, 1 (11): 448 (Fries 1950).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 10907*.

SIZE. — Up to 25 cm dbh (Steyermark *et al.* 1995).

[37] *Annona tenuiflora* Mart.

*Fl. Bras. [Martius]* 13 (1): 10 [1 Jan. 1841] (Martius 1841).

*Raimondia tenuiflora* (Mart.) R.E.Fr., *Acta Horti Berg.* 10 (1): 85 (Fries 1930).

*Annona humilis* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 113 (Bentham 1851).

*Annona poeppigiana* Saff. ex R.E.Fr., *Acta Horti Berg.* 10 (1): 85 (Fries 1930), *nom. nud.*

VERNACULAR NAMES. — Pa: manig-ihipinē, manig-kamwi.

HERBARIUM DATA (FG). — A single collection, *P. Grenand & M.-F. Prévost 2040*.

SIZE. — Ecuador, Chimborazo. *W.H. Camp E-3425* (MO), 10 m tall.

Genus *Bocageopsis* R.E.Fr.

[38] *Bocageopsis multiflora* (Mart.) R.E.Fr.

*Acta Horti Berg.* 10 (2): 145 (Fries 1931). — *Bocagea multiflora* Mart., *Fl. Bras. [Martius]* 13 (1): 45 [1 Jan. 1841] (Martius 1841).

*Guatteria multiflora* Poepp. ex Baill., *Hist. Pl. [Baillon]* 1: 216 [Aug.-Dec. 1868] (Baillon 1868), *nom. nud.*

*Bocageopsis multiflora* var. *angustifolia* R.E.Fr., *Acta Horti Berg.* 10 (2): 146 (Fries 1931).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Br: envira-preta, envira-surucucu-folhamiúda.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2290*.

INVENTORY DATA (FG). — 19 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.7$  cm.

Genus *Cardiopetalum* Schltdl.

[39] *Cardiopetalum surinamense* R.E.Fr.

*Acta Horti Berg.* 10 (2): 195 (Fries 1931). — *Froesiodendron surinamense* (R.E.Fr.) R.E.Fr., *Ark. Bot., n.s.*, 3: 442 (Fries 1956).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier 3528*, 15 m × 18 cm.

Genus *Crematosperma* R.E.Fr.

[40] *Crematosperma brevipes* (DC.) R.E.Fr.

*Acta Horti Berg.* 12 (3): 538 (Fries 1939). — *Guatteria brevipes* DC. in Dunal, *Monogr. Anonac.*: 126 [Aug.-Nov. 1817] (Candolle 1817).

*Guatteria poiteau* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 74 [31 Mar. 1931] (Diels 1931). — *Crematosperma poiteau* (Diels) R.E.Fr., *Acta Horti Berg.* 10 (2): 328 (Fries 1931).

NOTES. — Known only from French Guiana. Dunal (1817: 126) explicitly ascribed the name and description of *Guatteria brevipes* to “DC. Syst. univ. ined.” See above note for *Annona exsucca*.

VERNACULAR NAMES. — Wp: apelemu'i.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material K[K000485530]); *P.A. Poiteau s.n.* (holotype of *Guatteria poiteaui*: G[G00237256]; iso-, B[B 10 0242372], F[V0047724F], G[G00237255], S[S-R-7016]).

INVENTORY DATA (FG). — 12 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.6$  cm.

### Genus *Cymbopetalum* Benth.

[41] *Cymbopetalum brasiliense* (Vell.) Benth. ex Baill.

*Hist. Pl. [Baillon]* 1: 240 [Aug.-Dec. 1868] (Baillon 1868). — *Uvaria brasiliensis* Vell., *Fl. Flumin.* 238 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829). — *Uva brasiliensis* (Vell.) Kuntze, *Revis. Gen. Pl.* 1: 7 [5 Nov. 1891] (Kuntze 1891).

*Unona viridiflora* Splitg. ex de Vriese, *Ned. Kruidek. Arch.* 1 (3): 224 (de Vriese 1847). — *Uvaria viridiflora* (Splitg. ex de Vriese) Walp., *Ann. Bot. Syst. [Walpers]* 2 (1): 19 [15-16 Dec. 1851] (Walpers 1851), *nom. illeg. hom., non Ruiz & Pav. ex G. Don* (1831).

*Eschweilera simplex* Miers, *Trans. Linn. Soc. London* 30 (2): 264 [14 Nov. 1874] (Miers 1874).

*Cymbopetalum odoratissimum* Barb.Rodr., *Vellozia*, ed. 2, 1: 1 (Barbosa Rodrigues 1891).

*Cymbopetalum brasiliense* f. *latifolia* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 357 (Huber 1909), *nom. nud.*

*Trigynaea anastomosans* Rusby, *Descr. S. Amer. Pl.*: 19 [20 Dec. 1920] (Rusby 1920).

VERNACULAR NAMES. — Pa: pakih-em-purubumna • Ka: kaikushi anyali • Wp: kwata laway, sa'i melu ka'a wu, yawa popita • Wn: alukaju, kaston • Br: envira-da-mata, pirayauara-kinha.

HERBARIUM DATA (FG). — 66 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 3066.

SIZE. — Brazil, Pará. *J.J. Strudwick et al.* 3121 (MO), 8 m × 10 cm.

### Genus *Duguetia* A.St.-Hil.

[42] *Duguetia cadaverica* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 356 (Huber 1909). — *Geanthemum cadavericum* (Huber) Saff., *Contr. U.S. Natl. Herb.* 18 (1): 67 [17 June 1914] (Safford 1914).

*Duguetia adiscandra* Jans.-Jac., *Proc. Kon. Ned. Akad. Wetensch. C* 73 (4): 339 (Jansen-Jacobs 1970).

*Duguetia friesii* Jans.-Jac., *Proc. Kon. Ned. Akad. Wetensch. C* 73 (4): 338 (Jansen-Jacobs 1970).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: kaabasi ana, pepee anga sawtu.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3306.

INVENTORY DATA (FG). — 1 tree, dbh = 10.1 cm.

[43] *Duguetia calycina* Benoist

*Notul. Syst. (Paris)* 4: 57 (Benoist 1923).

*Annona calycina* Sagot ex R.E.Fr., *Acta Horti Berg.* 12 (1): 69 (Fries 1934), *nom. nud.*

*Duguetia calycina* subsp. *versteegii* R.E.Fr., *Acta Horti Berg.* 12 (1): 72 (Fries 1934).

*Duguetia calycina* subsp. *jenmanii* R.E.Fr., *Acta Horti Berg.* 12 (1): 73 (Fries 1934).

*Duguetia cuspidata* R.E.Fr., *Acta Horti Berg.* 12 (1): 73 (Fries 1934).

*Duguetia elegans* R.E.Fr., *Acta Horti Berg.* 12 (1): 75 (Fries 1934).

VERNACULAR NAMES. — Pa: korosol-kamwi • Ka: kapasu pomiidy, yolokan pomiidy • Wp: pila siay, pina'i, pina'i piyū, pina'i tay • Wn: iliwaimē • Nt: gaan pepee anga sawtu, gaan uku tiki, pepee anga sawtu • Cr: baton-zin, manmanyawé-piman • Br: biribarana, envira-caitetu.

HERBARIUM DATA (FG). — 157 collections at CAY. Sel. exs.: *P.A. Sagot* 1095, Dec. 1857 (lecto-, P[P00083598], designated by Fries [1934: 69]; isolecto-, BR[BR0000006952372, BR0000006952686], P[P00083611], S[S-R-1796], U[U0000257]).

INVENTORY DATA (FG). — 230 trees in 89 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 19.1$  cm.

[44] *Duguetia eximia* Diels

*Notizbl. Bot. Gart. Berlin-Dahlem* 11: 79 [31 Mar. 1931] (Diels 1931).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: pakih-em-priye • Wp: mitū luway, pina'i u • Nt: pepee anga sawtu • Cr: manmanyawé-piman.

HERBARIUM DATA (FG). — 70 collections at CAY. Sel. exs.: *G.S. Perrottet s.n.* (holo-, G[G00237263, fragm. B[B 10 1093263]).

SIZE. — Up to 10 cm dbh (Maas *et al.* 2003).

[45] *Duguetia granvilleana* Maas

*Bot. Jahrb. Syst.* 121 (4): 476 (Maas 1999).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 6330 (holo-, U[U0008263]; iso-, CAY[CAY003561]); *O. Poncy et al.* 1748: 18 m × 18 cm.

[46] *Duguetia paraensis* R.E.Fr.  
(Fig. 7B)

*Acta Horti Berg.* 13 (3): 111 (Fries 1941).

VERNACULAR NAMES. — Wp: apelemu'i, pina'i sī, pina'i sili, pina'i to wi'i, uki'i • Cr: manmanyawé-piman • Br: amejó, mejjú.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5304*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.1$  cm.

[47] *Duguetia pycnastera* Sandwith

*Bull. Misc. Inform. Kew* 1930 (10): 471 [4 Dec. 1930] (Sandwith 1930).

VERNACULAR NAMES. — Ka: tipulu alaidya, yolokan pomiidy • Nt: gaan kaabasi ana, gaan uku tiki, kaabasi ana, pepee anga sawtu • Br: envira-preta.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2956*.

INVENTORY DATA (FG). — 24 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.1$  cm.

[48] *Duguetia riparia* Huber

*Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 416 (Huber 1902).

*Duguetia insculpta* R.E.Fr., *Acta Horti Berg.* 12 (1): 91 (Fries 1934).

VERNACULAR NAMES. — Pa: pakih-em • Wp: pina'i teáká lupiwa • Wn: oka epu • Cr: baton-zin, manmanyawé • Br: envira-preta, envira-taia.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *P. Grenand 1845*.

SIZE. — Up to 15 cm dbh (Maas *et al.* 2003).

[49] *Duguetia surinamensis* R.E.Fr.

*Acta Horti Berg.* 12 (1): 50 (Fries 1934).

*Duguetia caudata* R.E.Fr., *Acta Horti Berg.* 12 (2): 274 (Fries 1937).

VERNACULAR NAMES. — Wp: inámu pita, mitü luway, pila sila, pina'i sī, pina'i to wu • Nt: pepee anga sawtu • Cr: manmanyawé-piman • Br: atá-brava, biribarana, envira-amargosa.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2560*.

INVENTORY DATA (FG). — 195 trees in 61 plots;  $F_{\max} = 4.2\%$ ;  $dbh_{\text{inv}} = 35.8$  cm.

[50] *Duguetia trunciflora* Maas & A.H.Gentry

*Feddes Repert.* 106 (1995): 341 (Maas & Gentry 1996).

VERNACULAR NAMES. — Nt: gaan kaabasi ana.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & B. Riéra 3113*.

INVENTORY DATA (FG). — 12 trees in 2 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 14$  cm.

[51] *Duguetia yesbidan* Sandwith

*Bull. Misc. Inform. Kew* 1930 (10): 473 [4 Dec. 1930] (Sandwith 1930).

*Duguetia obovata* R.E.Fr., *Acta Horti Berg.* 12 (1): 66 (Fries 1934).

*Duguetia sandwithii* R.E.Fr., *Acta Horti Berg.* 12 (1): 80 (Fries 1934).

VERNACULAR NAMES. — Pa: pakih-em, wiratay • Ka: tamunen isyano manduliyi • Wp: pila siay, pina'i, pina'i sī, pina'i to wi'i, uki'i • Nt: kaabasi ana • Cr: manmanyawé-piman • Br: envira-caitetu.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *D. Sabatier 922*.

INVENTORY DATA (FG). — 1 tree, dbh = 12.3 cm.

Genus *Ephedranthus* S.Moore

[52] *Ephedranthus guianensis* R.E.Fr.

*Acta Horti Berg.* 10 (2): 176 (Fries 1931).

*Ephedranthus guianensis* var. *oligantha* R.E.Fr., *Acta Horti Berg.* 10 (2): 177 (Fries 1931).

VERNACULAR NAMES. — Wn: iliwaimë.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *R. Benoist 1159* (original material of *E. guianensis* var. *oligantha*: P [P00751066, P00751067]).

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.3$  cm.

Genus *Fusaea* (Baill.) Saff.

[53] *Fusaea longifolia* (Aubl.) Saff.  
(Fig. 7D)

*Contr. U.S. Natl. Herb.* 18 (1): 65 [17 June 1914] (Safford 1914). — *Annona longifolia* Aubl., *Hist. Pl. Guiane* 1: 615 [Jun.-Dec. 1775] (Aublet 1775). — *Aberemoa longifolia* (Aubl.) Baill., *Hist. Pl. [Baillon]* 1: 205 [Aug.-Dec. 1868] (Baillon 1868). — *Duguetia longifolia* (Aubl.) Baill., *Adansonia [Baillon]* 8: 327 (Baillon 1868).

*Uvaria spectabilis* DC. in Dunal, *Monogr. Anonac.* 92 [Aug.-Nov. 1817] (Candolle 1817).

*Annona rhombipetala* Ruiz & Pav. ex G.Don, *Gen. Hist.* 1: 87 [early Aug. 1831] (Don 1831). — *Fusaea rhombipetala* (Ruiz & Pav. ex G.Don) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (7): 172 [24 Oct. 1929] (Macbride 1929).

*Fusaea decurrens* R.E.Fr., *Acta Horti Berg.* 12 (1): 207 (Fries 1934).

NOTES. — Dunal (1817: 92) explicitly ascribed the name and description of *Uvaria spectabilis* to "DC. Syst. univ. ined." See above note for *Annona exsucca*.

VERNACULAR NAMES. — Pa: kuukumwi-priye • Wp: yāwī kala, yāwī yiki • Nt: maisyi • Cr: manmanyawé • Br: envira-preta.

HERBARIUM DATA (FG). — 101 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000547151]).

INVENTORY DATA (FG). — 78 trees in 53 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.5$  cm.

Genus *Guatteria* Ruiz & Pav.[54] *Guatteria anteridifera* Scharf & Maas

*Blumea* 53 (3): 515 (Scharf & Maas 2008).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kigiksau, kiriksau.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost 5047* (holo-, U[U0227761, U0073311]; iso-, CAY[CAY073329, CAY073330]).

INVENTORY DATA (FG). — 30 trees in 8 plots;  $F_{\max} = 2.7\%$ ;  $dbh_{\text{inv}} = 49$  cm.

[55] *Guatteria blepharophylla* Mart.

*Fl. Bras. [Martius]* 13 (1): 38 [1 Jan. 1841] (Martius 1841). — *Guatteriaopsis blepharophylla* (Mart.) R.E.Fr., *Acta Horti Berg.* 12 (1): 110 (Fries 1934).

*Guatteria oxycarpa* Poepp. ex Mart., *Fl. Bras. [Martius]* 13 (1): 38 [1 Jan. 1841] (Martius 1841), *nom. nud. pro syn.*

*Annona sessiliflora* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 8 (Bentham 1853). — *Guatteria sessiliflora* (Benth.) Saff., *Contr. U.S. Natl. Herb.* 18 (1): 6 [17 June 1914] (Safford 1914). — *Guatteriaopsis sessiliflora* (Benth.) R.E.Fr., *Acta Horti Berg.* 12 (1): 109 (Fries 1934).

*Guatteria ucayaliana* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 138 (Diels 1924).

*Guatteria dielsiana* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 719 (Fries 1938), *nom. illeg. superfl.* (based on *Guatteria ucayaliana* Diels [synonym of *G. blepharophylla* Mart.]

*Guatteria brevicuspis* R.E.Fr., *Acta Horti Berg.* 12 (3): 491 (Fries 1939).

*Guatteria cylindrocarpa* R.E.Fr., *Ark. Bot., n.s.*, 3 (18): 601 (Fries 1956).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25177.

SIZE. — Up to 10 cm dbh (Maas & Westra 2011).

[56] *Guatteria citriodora* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 104 (Ducke 1930).

*Guatteria paraensis* R.E.Fr., *Acta Horti Berg.* 12 (3): 464 (Fries 1939).

*Guatteria duckeana* R.E.Fr. var. *subcordata* R.E.Fr., *Kungl. Svenska Vetenskapsakad. Handl.*, ser. 3, 24 (10): 10 (Fries 1948).

VERNACULAR NAMES. — Br: envira-amarela, laranjinha.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *J.-F. Molino* & *D. Sabatier 1968*.

INVENTORY DATA (FG). — 31 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 39$  cm.

[57] *Guatteria conspicua* R.E.Fr.

*Ark. Bot., n.s.*, 1 (11): 445 (Fries 1950).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier 4682*.

INVENTORY DATA (FG). — 7 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.3$  cm.

[58] *Guatteria discolor* R.E.Fr.

*Acta Horti Berg.* 12 (3): 509 (Fries 1939).

VERNACULAR NAMES. — Pa: miret • Wp: matau'i • Br: envira-fofa, envira-preta, envira-rolinha.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M.-F. Prévost* & *D. Sabatier 2773*, dbh 40 cm.

[59] *Guatteria foliosa* Benth.

*London J. Bot.* 2: 360 (Bentham 1843).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori* & *C. Gracie 23929*.

SIZE. — Up to 28 cm dbh (Maas & Maas-van de Kamer 2002).

[60] *Guatteria guianensis* (Aubl.) R.E.Fr.

*Acta Horti Berg.* 12 (3): 505 (Fries 1939). — *Aberemoa guianensis* Aubl., *Hist. Pl. Guiane* 1: 610 [Jun.-Dec. 1775] (Aublet 1775).

*Guatteria aberemoa* Dunal, *Monogr. Anonac.* 126 [Aug.-Nov. 1817] (Dunal 1817).

*Guatteria aberemoa* var. *microcarpa* DC., *Syst. Nat. [A. P. de Candolle]* 1: 502 ["1818" publ. 1-15 Nov. 1817] (Candolle 1817).

*Guatteria multivenia* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 171 (Diels 1927).

*Guatteria excellens* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 721 (Fries 1938).

*Guatteria calophylla* R.E.Fr., *Acta Horti Berg.* 12 (3): 507 (Fries 1939).

*Guatteria robusta* R.E.Fr., *Mem. New York Bot. Gard.* 9 (1): 328 (Fries 1957).

NOTE. — Dunal (1817: 126) ascribed the description of *Guatteria aberemoa* to "DC. Syst. univ. ined.", but not the name itself.

VERNACULAR NAMES. — Pa: kuuku-ára-purubumna, kuukum-purubumna • Wp: pina'i piyü • Cr: manmanyawé • Br: envira-da-mata.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lectotype BM [BM000547286] designated by Fries (1939).

INVENTORY DATA (FG). — 29 trees in 26 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.6$  cm.



[61] *Guatteria intermedia* Scharf  
(Fig. 8A)

*Blumea* 51 (3): 545 (Scharf 2006).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: payulilan, wayilu • Wp: iwi.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-4125* (holo-, CAY[CAY100867, CAY100868]; iso-, P[P00115965]).

INVENTORY DATA (FG). — 18 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.4$  cm.

[62] *Guatteria leucotricha* Scharf & Maas

*Blumea* 51 (1): 123 (Scharf & Maas 2006).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15360* (holo-, NY[00807020]; iso-, CAY[CAY034217], K[K001096423], P[P00115992], U[U0126456], US[01123113]).

SIZE. — Up to 45 cm dbh (Scharf *et al.* 2006).

[63] *Guatteria liesneri* D.M.Johnson & N.A.Murray

*Ann. Missouri Bot. Gard.* 77 (3): 598 (Johnson & Murray 1990).

*Guatteria anthracina* Scharf & Maas, *Blumea* 51 (1): 118 (Scharf & Maas 2006).

VERNACULAR NAMES. — Wn: kaloj ëwa, oka epu • Nt: uku tiki.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3660*.

INVENTORY DATA (FG). — 16 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.7$  cm.

[64] *Guatteria oblonga* R.E.Fr.

*Acta Horti Berg.* 12 (3): 443 (Fries 1939).

HERBARIUM DATA (FG). — Known only from the type: *E.M. Mélinon s.n.* (original material B not seen, P[P00115935, P00115936]).

SIZE. — Not recorded on the type specimen, but like all *Guatteria* spp. in French Guiana, it is probably a tree.

[65] *Guatteria ouregou* (Aubl.) Dunal  
(Fig. 8B)

*Monogr. Anonac.* 126 [Aug.-Nov. 1817] (Dunal 1817). — *Cananga ouregou* Aubl., *Hist. Pl. Guiane* 1: 607 [Jun.-Dec. 1775] (Aublet 1775). — *Uvaria ouregou* (Aubl.) Raeusch., *Nomencl. Bot. [Raeusch.]*, ed. 3: 160 (Raeuschel 1797), “Uregu”. — *Uvaria monosperma* Lam., *Encycl. [J. Lamarck et al.]* 7: 596 [6 July 1806] (Lamarck 1806), *nom. illeg. superfl.* (based on *Cananga ouregou*).

*Guatteria podocarpa* DC. in Dunal, *Monogr. Anonac.* 127 [Aug.-Nov. 1817] (Candolle 1817).

*Unona crassipetala* Dunal, *Monogr. Anonac.* 101 [Aug.-Nov. 1817] (Dunal 1817). — *Guatteria crassipetala* (Dunal) DC. ex Lemée, *Fl. Guyane Franç.* 1: 607 (Lemée 1955). — *Unona pachypetala* Spreng., *Syst. Veg. [Sprengel]* 2: 637 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Unona crassipetala*).

*Unona fuscata* DC. in Dunal, *Monogr. Anonac.* 102 [Aug.-Nov. 1817] (Candolle 1817).

*Guatteria podocarpa* var. *oligocarpa* DC., *Syst. Nat. [A. P. de Candolle]* 1: 503 [“1818” publ. 1-15 Nov. 1817] (Candolle 1817).

*Guatteria podocarpa* var. *polycarpa* DC., *Syst. Nat. [A. P. de Candolle]* 1: 503 [“1818” publ. 1-15 Nov. 1817] (Candolle 1817).

*Guatteria ouregou* var. *latifolia* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 11: 138 (Sagot 1881).

NOTES. — Known only from French Guiana. *Sagot s.n.* (P00115911) has been suggested as a possible isotype of *G. podocarpa* var. *oligocarpa* by U. Scharf (annotation dated 2008), but this is unrealistic since this collection dates from 1859. Dunal (1817: 127) explicitly ascribed the name and description of *G. podocarpa* to “DC. Syst. univ. ined.” See above note for *Annona exsucca*.

VERNACULAR NAMES. — Pa: kigiksau, kiriksau • Ka: ouregou (*fide* Aublet 1775) • Wp: iwi.

HERBARIUM DATA (FG). — 81 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (original material of *Unona crassipetala*: G-DC[G00201449]).

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.4$  cm.

[66] *Guatteria pannosa* Scharf & Maas

*Blumea* 51 (1): 117 (Scharf & Maas 2006).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *S. Barrier & C. Feuillet 2633* (holo-, CAY[CAY104592]).

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.5$  cm.

[67] *Guatteria punctata* (Aubl.) R.A.Howard

*J. Arnold Arbor.* 64 (2): 260 [Apr. 1983] (Howard 1983). — *Annona punctata* Aubl., *Hist. Pl. Guiane* 1: 614 [Jun.-Dec. 1775] (Aublet 1775).

*Guatteria glauca* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 145 [late Dec. 1798] (Ruiz & Pavón 1798).

*Annona axilliflora* DC., *Prodr. [A. P. de Candolle]* 1: 86 [mid Jan. 1824] (Candolle 1824). — *Guatteria axilliflora* (DC.) R.E.Fr., *Acta Horti Berg.* 12 (3): 427 (Fries 1939).

*Guatteria poeppigiana* Mart., *Fl. Bras. [Martius]* 13 (1): 36 [1 Jan. 1841] (Martius 1841), “*pöppigiana*”.

*Guatteria caniflora* Mart., *Fl. Bras. [Martius]* 13 (1): 37 [1 Jan. 1841] (Martius 1841).



FIG. 8. — Annonaceae: **A**, *Guatteria intermedia* Scharf (J.-F. Molino & D. Sabatier 2464); **B**, *Guatteria ouregou* (Aubl.) Dunal (J.-F. Molino & D. Sabatier 2736); **C**, *Trigynaea caudata* (R.E.Fr.) R.E.Fr. (J.-F. Molino & D. Sabatier 2158); **D**, *Unonopsis perrottetii* (A.DC.) R.E.Fr. (J.-F. Molino & D. Sabatier 2713). A-C, © J.-F. Molino/IRD; D, © D. Sabatier/IRD.

*Guatteria caniflora* var. *angustifolia* Mart., *Fl. Bras. [Martius]* 13 (1): 37 [1 Jan. 1841] (Martius 1841).

*Guatteria caniflora* var. *latifolia* Mart., *Fl. Bras. [Martius]* 13 (1): 37 [1 Jan. 1841] (Martius 1841).

*Annona chrysopetala* Steud., *Flora* 26 (45): 754 [17 Dec. 1843] (Steudel 1843). — *Guatteria chrysopetala* (Steud.) Miq., *Linnaea* 22: 466 (Miquel 1849).

*Guatteria pteropus* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 8 (Bentham 1853).

*Guatteria cargadero* Triana & Planch., *Ann. Sci. Nat., Bot. sér. 4*, 17: 34 (Triana & Planchon 1862).

*Guatteria platyphylla* Triana & Planch., *Ann. Sci. Nat., Bot. sér. 4*, 17: 35 (Triana & Planchon 1862).

- Guatteria sylvicola* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 298 [“1894-96” publ. Dec. 1895] (Moore 1895).
- Guatteria coeloneura* Diels, *Bot. Jahrb. Syst.* 37 (4): 408 (Diels 1906).
- Guatteria pleiocarpa* Diels, *Bot. Jahrb. Syst.* 37 (4): 409 (Diels 1906).
- Guatteria guentheri* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 169 (Diels 1927).
- Guatteria atra* Sandwith, *Bull. Misc. Inform. Kew* 1930 (10): 468 (Sandwith 1930).
- Guatteria acutissima* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 712 (Fries 1938).
- Guatteria calliantha* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 715 (Fries 1938).
- Guatteria juninensis* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 716 (Fries 1938).
- Guatteria collina* R.E.Fr., *Acta Horti Berg.* 12 (3): 381 (Fries 1939).
- Guatteria buchtienii* R.E.Fr., *Acta Horti Berg.* 12 (3): 388 (Fries 1939).
- Guatteria lasiocalyx* R.E.Fr., *Acta Horti Berg.* 12 (3): 388 (Fries 1939).
- Guatteria rhamnoides* R.E.Fr., *Acta Horti Berg.* 12 (3): 389 (Fries 1939).
- Guatteria pteropus* var. *angustior* R.E.Fr., *Acta Horti Berg.* 12 (3): 420 (Fries 1939).
- Guatteria pteropus* var. *cinerea* R.E.Fr., *Acta Horti Berg.* 12 (3): 420 (Fries 1939).
- Guatteria olivacea* R.E.Fr., *Acta Horti Berg.* 12 (3): 423 (Fries 1939).
- Guatteria obliqua* R.E.Fr., *Acta Horti Berg.* 12 (3): 424 (Fries 1939).
- Guatteria ovalifolia* R.E.Fr., *Acta Horti Berg.* 12 (3): 428 (Fries 1939).
- Guatteria occidentalis* R.E.Fr., *Acta Horti Berg.* 12 (3): 430 (Fries 1939).
- Guatteria chrysoptala* var. *major* R.E.Fr., *Acta Horti Berg.* 12 (3): 435 (Fries 1939).
- Guatteria chrysoptala* var. *tenuipes* R.E.Fr., *Acta Horti Berg.* 12 (3): 435 (Fries 1939).
- Guatteria sagotiana* R.E.Fr., *Acta Horti Berg.* 12 (3): 437 (Fries 1939).
- Guatteria sagotiana* var. *gracilior* R.E.Fr., *Acta Horti Berg.* 12 (3): 437 (Fries 1939).
- Guatteria gracilipes* R.E.Fr., *Acta Horti Berg.* 12 (3): 438 (Fries 1939).
- Guatteria longestipitata* R.E.Fr., *Acta Horti Berg.* 12 (3): 438 (Fries 1939).
- Guatteria parviflora* R.E.Fr., *Acta Horti Berg.* 12 (3): 440 (Fries 1939).
- Guatteria lanceolata* R.E.Fr., *Acta Horti Berg.* 12 (3): 443 (Fries 1939).
- Guatteria elliptica* R.E.Fr., *Acta Horti Berg.* 12 (3): 445 (Fries 1939).
- Guatteria umbonata* R.E.Fr., *Acta Horti Berg.* 12 (3): 447 (Fries 1939).
- Guatteria gamosepala* R.E.Fr., *Acta Horti Berg.* 12 (3): 528 (Fries 1939).
- Guatteria leiocarpa* R.E.Fr., *Acta Horti Berg.* 12 (3): 530 (Fries 1939).
- Guatteria macrocalyx* R.E.Fr., *Acta Horti Berg.* 12 (3): 530 (Fries 1939).

- Guatteria calimensis* R.E.Fr., *Ark. Bot., n.s.*, 1: 332 (Fries 1950).
- Guatteria latipetala* R.E.Fr., *Ark. Bot., n.s.*, 3: 602 (Fries 1956).
- Guatteria asplundiana* R.E.Fr., *Ark. Bot., n.s.*, 4: 24 (Fries 1957).
- Guatteria wessels-boerii* Jans.-Jac., *Proc. Kon. Ned. Akad. Wetensch. C* 73 (4): 336 (Jansen-Jacobs 1970).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kigiksau, kiriksau • Ka: payulilan, wayilu • Te: wiwit hun • Wp: iwi, iwi lü sī, iwi lü sili, pina'i piyū • Wn: ëwok pokan • Nt: podo tiki • Cr: manmanyawé-yanman • Br: envira-preta, envira-surucucu.

HERBARIUM DATA (FG). — 171 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000547301]).

INVENTORY DATA (FG). — 20 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[68] *Guatteria richardii* R.E.Fr.

*Acta Horti Berg.* 12 (3): 440 (Fries 1939).

*Guatteria montis-trinitatis* Scharf, *Blumea* 51 (3): 548 (Scharf 2006).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00115932]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 38.4$  cm.

[69] *Guatteria schomburgkiana* Mart.

*Fl. Bras. [Martius]* 13 (1): 38 [1 Jan. 1841] (Martius 1841). — *Cananga schomburgkiana* (Mart.) Baill., *Hist. Pl. [Baillon]* 1: 204 [Aug.-Dec. 1868] (Baillon 1868).

*Annona hostmannii* Steud., *Flora* 26 (45): 754 [17 Dec. 1843] (Steudel 1843).

*Guatteria vestita* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 979 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Guatteria vestita* Klotzsch var. *angustifolia* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 979 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Guatteria vestita* var. *latifolia* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 979 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Guatteria schomburgkiana* var. *angustifolia* Klotzsch ex R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 17 (Fries 1900).

*Guatteria schomburgkiana* var. *latifolia* Klotzsch ex R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 17 (Fries 1900).

*Guatteria sessilis* R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 17 (Fries 1900).

*Guatteria schomburgkiana* var. *holosericea* R.E.Fr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 709 (Fries 1938).

*Guatteria sandwithii* R.E.Fr., *Acta Horti Berg.* 12 (3): 466 (Fries 1939).

*Guatteria spruceana* R.E.Fr., *Acta Horti Berg.* 12 (3): 469 (Fries 1939).

*Guatteria flavovirens* R.E.Fr., *Kungl. Svenska Vetenskapsakad. Handl.*, ser. 3, 24 (10): 10 (Fries 1948).

VERNACULAR NAMES. — Ka: payulilan, wayilu • Wp: pina'i sili, pina'i to wi'i.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1703*.

INVENTORY DATA (FG). — 35 trees in 26 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 39.6$  cm.

[70] *Guatteria scytophylla* Diels

*Verh. Bot. Vereins Prov. Brandenburg* 47: 127 [1 Oct. 1905] (Diels 1905).

*Guatteria hyposericea* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 76 [31 Mar. 1931] (Diels 1931).

*Guatteria insignis* R.E.Fr., *Acta Horti Berg.* 12 (3): 449 (Fries 1939).

*Guatteria kruckoffii* R.E.Fr., *Acta Horti Berg.* 12 (3): 442 (Fries 1939).

*Guatteria micans* R.E.Fr., *Acta Horti Berg.* 12 (3): 451 (Fries 1939).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 5649*,  $dbh = 23.1$  cm.

[71] *Guatteria wachenheimii* Benoist  
(Fig. 8C)

*Bull. Mus. Natl. Hist. Nat.* 33: 270 (Benoist 1927).

*Guatteria microsperma* R.E.Fr., *Brittonia* 8 (4): 236 [Jan. 1957] (Fries 1957).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kigiksau, kiriksau, kuukumwi-priye • Br: envira-cheirosa.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *G. Wachenheim 201* (holo-, P[P00115810]; iso-, P[P00115809], S[S-R-2643, S05-6707], US[00810934]).

INVENTORY DATA (FG). — 33 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.4$  cm.

Genus *Oxandra* A.Rich.

[72] *Oxandra asbeckii* (Pulle) R.E.Fr.

*Acta Horti Berg.* 10 (2): 167 (Fries 1931). — *Bocagea asbeckii* Pulle, *Recueil Trav. Bot. Néerl.* 6: 262 (Pulle 1909).

VERNACULAR NAMES. — Pa: kuukumwi-priye • Ka: kowai epi, pil-ilipyo • Wn: meikolo wewe • Nt: mwanba.

HERBARIUM DATA (FG). — 91 collections at CAY. Sel. exs.: *J.-F. Molino 1197*.

INVENTORY DATA (FG). — 2242 trees in 146 plots;  $F_{\max} = 15.5\%$ ;  $dbh_{\text{inv}} = 59.8$  cm.

[73] *Oxandra xylopioides* Diels

*Notizbl. Bot. Gart. Berlin-Dahlem* 10: 172 [20 Dec. 1927] (Diels 1927).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5321*.

INVENTORY DATA (FG). — 272 trees in 16 plots;  $F_{\max} = 9.4\%$ ;  $dbh_{\text{inv}} = 57.8$  cm.

Genus *Pseudoxandra* R.E.Fr.

[74] *Pseudoxandra cuspidata* Maas

*Proc. Kon. Ned. Akad. Wetensch. C* 89 (3): 267 (Maas 1986).

VERNACULAR NAMES. — Pa: kuukumwi-seine • Te: balupete • Wp: malupete • Wn: milimi • Nt: pendencyku • Cr: lanmoussé • Fr: lamoussé • Br: lamuci.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *H.S. Irwin et al. 47819* (holo-, U[U0000376]; iso-, F[F0047890F], K[K000485521], MG[MG025661], MICH[MICH1192941], NY[00026238], U[U0000377], US[00810790]).

INVENTORY DATA (FG). — 45 trees in 17 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 22.6$  cm.

[75] *Pseudoxandra* sp. A

NOTE. — This species looks like *P. lucida* R.E.Fr.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3161* (CAY[CAY029984]).

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.6$  cm.

Genus *Tetrameranthus* R.E.Fr.

[76] *Tetrameranthus guianensis* Westra & Maas

*PhytoKeys* 12: 13 (Westra & Maas 2012).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: a teki uman udu.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & S. Gonzalez 5387* (holo-, CAY[CAY111703, CAY111704]; iso-, CAY[CAY109443]).

INVENTORY DATA (FG). — 8 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

Genus *Trigynaea* Schtdl.

[77] *Trigynaea caudata* (R.E.Fr.) R.E.Fr.  
(Fig. 8C)

*Ark. Bot.* 33A (9): 14 (Fries 1947), in clavi. — *Hornschurchia caudata* R.E.Fr., *Lloydia* 2 (3): 180 (Fries 1939).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 2 collections at CAY: *J.-F. Molino & D. Sabatier 2133, J.-F. Molino & D. Sabatier 2158* (both collected from the same tree).

INVENTORY DATA (FG). — 1 tree, dbh = 14 cm.

Genus *Unonopsis* R.E.Fr.

[78] *Unonopsis glaucopetala* R.E.Fr.

*Bull. Herb. Boissier*, sér. 2, 7: 1004 (Fries 1907).

*Unonopsis andersonii* Sprague ex Hohenkerk, *J. Board Agric. British Guiana* 11: 99 (Hohenkerk 1919).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kigiksau, kiriksau • Ka: tapiseipyo • Nt: azo udu.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3308*.

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[79] *Unonopsis guatterioides* (A.DC.) R.E.Fr.

*Acta Horti Berg.* 12 (2): 241 (Fries 1937). — *Uvaria guatterioides* A.DC., *Mém. Soc. Phys. Genève* 5: 202 (Candolle 1832).

*Annona peduncularis* Steud., *Flora* 26 (45): 754 [17 Dec. 1843] (Steudel 1843). — *Guatteria peduncularis* (Steud.) Pulle, *Recueil Trav. Bot. Néerl.* 4: 124 (Pulle 1907).

*Trigynaea angustifolia* Benth., *J. Proc. Linn. Soc., Bot.* 5: 70 [“1861” publ. Nov. 1860] (Bentham 1860). — *Unonopsis angustifolia* (Benth.) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 26 (Fries 1900).

*Trigynaea grandis* Benth., *J. Proc. Linn. Soc., Bot.* 5: 70 [“1861” publ. Nov. 1860] (Bentham 1860). — *Unonopsis grandis* (Benth.) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 28 (Fries 1900).

*Trigynaea matthewsii* Benth., *J. Proc. Linn. Soc., Bot.* 5: 69 [“1861” publ. Nov. 1860] (Bentham 1860). — *Unonopsis matthewsii* (Benth.) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 28 (Fries 1900), “*Matthewsi*”.

*Trigynaea boliviensis* Britton, *Bull. Torrey Bot. Club* 16 (1): 14 [12 Jan. 1889] (Britton 1889). — *Unonopsis boliviensis* (Britton) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 28 (Fries 1900).

*Trigynaea antillana* Rolfe, *Bull. Misc. Inform. Kew* 1893 (81): 235 [Sep. 1893] (Rolfe 1893). — *Unonopsis antillana* (Rolfe) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 28 (Fries 1900).

*Unonopsis lindmanii* R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 27 (Fries 1900), “*Lindmani*”.

*Unonopsis guaraya* Herzog, *Repert. Spec. Nov. Regni Veg.* 7: 52 (Herzog 1909).

*Unonopsis buchtienii* R.E.Fr., *Repert. Spec. Nov. Regni Veg.* 24: 247 (Fries 1928).

*Unonopsis gracilis* R.E.Fr., *Acta Horti Berg.* 12 (2): 247 (Fries 1937).

*Unonopsis guatterioides* f. *elongata* R.E.Fr., *Acta Horti Berg.* 12 (2): 242 (Fries 1937).

*Unonopsis obovata* R.E.Fr., *Acta Horti Berg.* 12 (2): 249 (Fries 1937).

*Unonopsis williamsii* R.E.Fr., *Acta Horti Berg.* 12 (2): 238 (Fries 1937).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: miret-unikweune • Ka: akale pomi'idiyi, mulewalan • Wp: pila siay, pina'i, pina'i tay • Wn: ëwok pokan • Cr: baton-zin, manmanyawé • Br: envira-surucucu.

HERBARIUM DATA (FG). — 77 collections at CAY. Sel. exs.: *M.E. Moricand s.n.* (original material G[G00237443, G00237444], S[fragm. S07-17262]).

SIZE. — Up to 35 cm dbh (Maas *et al.* 2007).

[80] *Unonopsis perrottetii* (A.DC.) R.E.Fr.  
(Fig. 8D)

*Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 26 (Fries 1900). — *Annona perrottetii* A.DC., *Mém. Soc. Phys. Genève* 5: 197 (Candolle 1832), “*Anona*”. — *Trigynaea perrottetii* (A.DC.) Baill., *Adansonia* [Baillon] 8: 179 (Baillon 1868), “*Trigyneia Perrottetii*”.

*Trigynaea perrottetii* var. *lanceolata* Baill., *Adansonia* [Baillon] 8: 179 (Baillon 1868), “*Trigyneia Perrottetii*”. — *Unonopsis perrottetii* var. *lanceolata* (Baill.) R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 27 (Fries 1900).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kuukumwi-seine • Te: wiwit hun.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *G.S. Perrottet 65* (lecto-, G[G00226157], designated by Maas *et al.* [2007: 513]; isolecto-, B[B 10 0243101], F[V0077257F], P[P00751169]).

INVENTORY DATA (FG). — 52 trees in 26 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 22.9$  cm.

[81] *Unonopsis rufescens* (Baill.) R.E.Fr.

*Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 27 (Fries 1900). — *Trigynaea rufescens* Baill., *Adansonia* [Baillon] 8: 180 (Baillon 1868), “*Trigyneia*”.

VERNACULAR NAMES. — Pa: kuukumwi-priye • Ka: alaidya, amose-lan • Te: wiwit hun • Wn: kaloj ëwa • Nt: azo udu, mamanyawe.

HERBARIUM DATA (FG). — 118 collections at CAY. Sel. exs.: *E.M. Melinon 19*, 1864 (holo-, P[P00682175]; iso-, P[P00682176, P00682177]).

INVENTORY DATA (FG). — 485 trees in 140 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

[82] *Unonopsis stipitata* Diels

*Verh. Bot. Vereins Prov. Brandenburg* 47: 130 [1 Oct. 1905] (Diels 1905).

*Unonopsis oblanceolata* R.E.Fr., *Ark. Bot., n.s.*, 3: 604 (Fries 1956).

*Unonopsis rigida* R.E.Fr., *Mem. New York Bot. Gard.* 9 (1): 329 (Fries 1957).

VERNACULAR NAMES. — Pa: kuukumwi-priye, pakih-em-priye • Wp: mitü luway, pila siay, pila sila, pina'i to wu • Wn: pakila apisan, pakila hapisan • Nt: azo udu, mamanyawe • Cr: fimel-manmanyawé • Br: envira-preta.

HERBARIUM DATA (FG). — 185 collections at CAY. Sel. exs.: *M.-F. Prévost 1110*.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.1$  cm.

### Genus *Xylopia* L.

#### [83] *Xylopia aromatica* (Lam.) Mart.

*Fl. Bras. [Martius]* 13 (1): 43 [1 Jan. 1841] (Martius 1841). — *Uvaria aromatica* Lam., *Encycl. [J. Lamarck et al.]* 1 (2): 596 [1 Aug. 1785] (Lamarck 1785). — *Unona aromatica* (Lam.) Dunal, *Monogr. Anonac.* 112 [Aug.-Nov. 1817] (Dunal 1817). — *Habzelia aromatica* (Lam.) A.D.C., *Mém. Soc. Phys. Genève* 5: 208 (Candolle 1832).

*Uvaria febrifuga* Humb. & Bonpl. ex Dunal, *Syst. Nat. [A. P. de Candolle]* 1: 498 ["1818" publ. 1-15 Nov. 1817] (Dunal 1817), *nom. nud. pro syn.*

*Unona lucida* DC. in Dunal, *Monogr. Anonac.* 116 [Aug.-Nov. 1817] (Candolle 1817). — *Coelocline lucida* (DC.) A.D.C., *Mém. Soc. Phys. Genève* 5: 209 (Candolle 1832). — *Xylopia lucida* (DC.) Baill., *Hist. Pl. [Baillon]* 1: 278 [Aug.-Dec. 1868] (Baillon 1868).

*Unona xylopioides* Humb. & Bonpl. ex Dunal, *Monogr. Anonac.* 117 [Aug.-Nov. 1817] (Dunal 1817). — *Xylopia xylopioides* (Humb. & Bonpl. ex Dunal) Standl., *J. Wash. Acad. Sci.* 15: 285 (Standley 1925).

*Xylopia grandiflora* A.St.-Hil., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (1): 40 [23 Feb. 1824] (Saint-Hilaire 1824).

*Xylopia longifolia* A.D.C., *Mém. Soc. Phys. Genève* 5: 210 (Candolle 1832).

*Habzelia cubensis* DC. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 717 (Steudel 1840), *nom. nud.*

*Xylopia cubensis* A.Rich., *Hist. Phys. Cuba, Pl. Vasc.*: 36 (Richard 1845).

*Xylopia dunaliana* Planch. & Linden ex Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 4, 17: 37 (Triana & Planchon 1862), *nom. nud. pro syn.*

*Xylopicrum aromaticum* (Lam.) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

*Xylopicrum grandiflorum* (A.St.-Hil.) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

*Xylopicrum longifolium* (A.D.C.) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Dunal (1817: 116) explicitly ascribed the name and description of *Unona lucida* to "DC. Syst. univ. ined." See above note for *Annona exsucca*.

VERNACULAR NAMES. — Ka: amose, omose • Wp: yāwī'i sī • Wn: siwiman • Nt: man pendyeku, man pengeku, pendyeku, pengeku • Br: envira-branca.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *P. Grenand 574*.

SIZE. — Up to 15 m tall (Maas *et al.* 2001).

#### [84] *Xylopia benthamii* R.E.Fr.

*Kongl. Svenska Vetensk.-Akad. Handl., n.s.*, 34 (5): 35 (Fries 1900), "*Benthamii*".

*Xylopia ulei* Diels, *Verh. Bot. Vereins Prov. Brandenburg* 47: 133 [1 Oct. 1905] (Diels 1927).

*Xylopia benthamii* var. *subnuda* R.E.Fr., *Acta Horti Berg.* 10 (2): 333 (Fries 1931), "*Benthamii*".

*Xylopia benthamii* var. *dolichopetala* R.E.Fr., *Ark. Bot.* 33A(9): 8 (Fries 1947).

VERNACULAR NAMES. — Br: envira-amarela.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P.J.M. Maas et al. 9635*.

SIZE. — Up to 25 cm dbh (Maas *et al.* 2007).

#### [85] *Xylopia cayennensis* Maas

*Bot. Jahrb. Syst.* 115 (1): 93 (Maas 1993).

*Xylopia nitida* var. *longifolia* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 11: 137 (Sagot 1881). — *Xylopia longifolia* (Sagot) R.E.Fr., *Acta Horti Berg.* 10 (1): 111 (Fries 1930), *nom. illeg. hom., non A.D.C.* (Candolle 1832).

VERNACULAR NAMES. — Pa: pukuu • Ka: amose, omose • Wp: yāwī'i, yāwī'i pilá • Wn: pisat • Nt: pendyeku, pengeku • Cr: lanmousse-nwé • Br: envira-preta, pindaíba-de-folha-pequena.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *P.A. Sagot 940*, 1856 (holo-, P[P00202581]; iso-, B[B 10 0249563, photo F neg. 14256], BM[BM000554085], GOET[GOET000135], MPU[MPU026895], P[P00202582, P00202583, P00202584], U[U0000439, U0000440]).

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

#### [86] *Xylopia crinita* R.E.Fr.

*Ark. Bot., n.s.*, 1 (11): 447 (Fries 1950).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4359*.

INVENTORY DATA (FG). — 22 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.5$  cm.

[87] *Xylophia discreta* (L.f.) Sprague & Hutch.

*Bull. Misc. Inform. Kew* 1916 (6): 160 [24 July 1916] (Sprague & Hutchinson 1916). — *Unona discreta* L.f., *Suppl. Pl.* 270 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Habzelia discreta* (L.f.) A.D.C., *Mém. Soc. Phys. Genève* 5: 208 (Candolle 1832).

*Xylophia salicifolia* Humb. & Bonpl. ex Dunal, *Monogr. Anonac.* 121 [Aug.-Nov. 1817] (Dunal 1817).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Schnell* 12236 (P).

SIZE. — Guyana. *A. Chanderbali* 90 (MO), dbh 15 cm.

[88] *Xylophia excellens* R.E.Fr.

*Acta Horti Berg.* 12 (1): 210 (Fries 1934).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 5402.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.8$  cm.

[89] *Xylophia frutescens* Aubl.

*Hist. Pl. Guiane* 1: 602 [Jun.-Dec. 1775] (Aublet 1775).

*Xylophia setosa* Poir., *Encycl. [J. Lamarck et al.]* 8: 812 (Poiret 1808).

*Xylopicrum frutescens* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

*Xylophia meridensis* Pittier, *Arb. Arbust. Venez.* 6-8: ? [Aug.-Sep. 1927] (Pittier 1927).

VERNACULAR NAMES. — Pa: pukuu • Ka: awiyu • Wp: yāwĩ'i, yāwĩ'i sili • Wn: pisat • Nt: pendyeku, pengeku, pikin pendyeku • Cr: lanmoussé • Fr: lamoussé • Br: envira-preta, pindaiba-de-folha-pequena.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P[P00202541]).

INVENTORY DATA (FG). — 25 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[90] *Xylophia nervosa* (R.E.Fr.) Maas

*Bot. Jahrb. Syst.* 115 (1): 87 (Maas 1993). — *Oxandra nervosa* R.E.Fr., *Acta Horti Berg.* 12 (3): 558 (Fries 1939).

VERNACULAR NAMES. — Wn: milimi.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M.-F. Prévost* 1873.

SIZE. — Peru, Loreto. *J.J. Pipoly et al.* 14832 (MO), 15 m.

[91] *Xylophia nitida* Dunal

*Monogr. Anonac.* 122 [Aug.-Nov. 1817] (Dunal 1817). — *Xylopicrum nitidum* (Dunal) Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891).

*Xylophia cinerea* Sandwith, *Bull. Misc. Inform. Kew* 1930 (10): 478 [4 Dec. 1930] (Sandwith 1930).

VERNACULAR NAMES. — Pa: pukuu, pukuu-seine, pukuu-seinó • Ka: awiyu • Te: djawi uhu • Wp: yāwĩ'i sī • Wn: kaloj éwa, kalojimé, milimi • Nt: weti pendyeku, weti pengeku • Cr: lanmoussé-blanc • Fr: lamoussé blanc • Br: envira-amarela, envira-branca, envira-vermelha.

HERBARIUM DATA (FG). — 81 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, G-DC[G00201468]; iso-, FI[FI004818, FI004819], P[P00202482, P00202483], R[R000060814, R000060814a]).

INVENTORY DATA (FG). — 269 trees in 121 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 53$  cm.

[92] *Xylophia parviflora* Spruce

*J. Proc. Linn. Soc., Bot.* 5: 6 [“1861” publ. June 1860] (Spruce 1860). — *Xylopicrum neglectum* Kuntze, *Revis. Gen. Pl.* 1: 8 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Xylophia parviflora*). — *Xylophia neglecta* R.E.Fr., *Kongl. Svenska Vetensk.-Akad. Handl.*, n.s., 34 (5): 31 (Fries 1900), *nom. illeg. superfl.* (based on *Xylophia parviflora*).

NOTE. — *Xylophia neglecta* is based on the illegitimate *Xylopicrum neglectum*, thus the authorship is not “(Kuntze) R.E.Fr.”

VERNACULAR NAMES. — Wp: yāwĩ'i pilá • Br: envira-sarasará, pacovi.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P.J.M. Maas et al.* 9351.

INVENTORY DATA (FG). — 3 trees censused, none in plots;  $dbh_{\text{inv}} = 45$  cm.

[93] *Xylophia pulcherrima* Sandwith

*Bull. Misc. Inform. Kew* 1930 (10): 477 [4 Dec. 1930] (Sandwith 1930).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3937, dbh 27.5 cm.

INVENTORY DATA (FG). — 18 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.7$  cm.

[94] *Xylophia surinamensis* R.E.Fr.

*Acta Bot. Neerl.* 1: 243 (Fries 1952).

VERNACULAR NAMES. — Wp: yāwĩ'i.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4087.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.9$  cm.

Family APOCYNACEAE Juss.  
Genus *Ambelania* Aubl.

[95] *Ambelania acida* Aubl.

*Hist. Pl. Guiane* 1: 265 [Jun.-Dec. 1775] (Aublet 1775). — *Willughbeia acida* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 434 [late Sep.-Nov. 1791] (Gmelin 1791), “*Willughbeja*”.

*Ambelania sagotii* Müll.Arg., *Linnaea* 30: 389 (Müller 1860).

*Ambelania tenuiflora* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 16 [30 July 1860] (Müller 1860).

*Ambelania tenuiflora* var. *tenuiramea* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 17 [30 July 1860] (Müller 1860).

*Ambelania cucumerina* Miers, *Apocyn. S. Am.*: 13 [May-June 1878] (Miers 1878).

NOTES. — Miers (1878: 13) referred to Spruce’s description (Spruce 1853: 185) of a “forest cucumber” (“Pepino do matto”), but the name *A. cucumerina* is his own creation, not that of Spruce; hence not “*A. cucumerina* Spruce ex Miers”.

VERNACULAR NAMES. — Pa: inuva, mamatki-arin • Ka: amapapali, ambalali • Te: dzádupalali • Wp: akusi ákänge, akusi walapulu, akusi walapulu kanapua, akusi walapulu poko, akusi walapulu tāĩ • Wn: witiik • Nt: batibati, mapa, pikin mapa • Cr: papay-bich, tchenbyendan • Fr: ambelianer acide, papaye biche • Br: pau-de-leite, pepino-doce, pepino-do-mato.

HERBARIUM DATA (FG). — 121 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00778013] designated by Lanjouw & Uittien [1940: 148]).

INVENTORY DATA (FG). — 276 trees in 122 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 29.1$  cm.

Genus *Aspidosperma* Mart. & Zucc.

[96] *Aspidosperma album* (Vahl) Benoist ex Pichon

*Bull. Mus. Natl. Hist. Nat.*, sér. 2, 19: 367 (Pichon 1947). — *Macaglia alba* Vahl, *Skr. Naturhist.-Selsk.* 6: 107 (Vahl 1810).

*Bignonia latisiliqua* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 632 [2 May 1811] (Poiret 1811). — *Aspidosperma latisiliquum* (Poir.) A.DC., *Prodr. [A. P. de Candolle]* 8: 676 [mid Mar. 1844] (Candolle 1844), “*latisiliqua*”. — *Peltospermum latisiliquum* DC. ex A.DC., *Prodr. [A. P. de Candolle]* 8: 676 [mid Mar. 1844] (Candolle 1844), *nom. nud. pro syn.*

*Peltospermum patrisii* DC. ex A.DC., *Prodr. [A. P. de Candolle]* 8: 676 [mid Mar. 1844] (Candolle 1844), *nom. nud. pro syn.*

*Aspidosperma centrale* Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 12: 560 [6 Dec. 1935] (Markgraf 1935).

VERNACULAR NAMES. — Ka: apukuitya, wokili apukuitya • Te: alapa-lapa • Wp: alala ká’i • Wn: amakui, lapa-lapa • Nt: kumanti udu • Cr: bwa-makak, bwa-takari • Fr: flambeau rouge • Br: araracanga, araraúba, piquiá-marfim.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, C[C10005729]; iso-, P[P00645147, P00645148, P00645149]).

INVENTORY DATA (FG). — 48 trees in 36 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 73.1$  cm.

[97] *Aspidosperma carapanauba* Pichon

*Bull. Mus. Natl. Hist. Nat.*, sér. 2, 19: 365 (Pichon 1947).

*Geissospermum excelsum* Kuhl., *Arch. Inst. Biol. Veg.* 2 (1): 89 [Sep. 1935] (Kuhlmann 1935).

VERNACULAR NAMES. — Nt: baaka pali udu • Fr: bois pagaie • Br: carapanaúba-preta.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 1856.

INVENTORY DATA (FG). — 39 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 140$  cm.

[98] *Aspidosperma cruentum* Woodson

*Amer. J. Bot.* 22 (7): 684 (Woodson 1935), “*cruenta*”.

*Aspidosperma sanguineum* Bartlett, *Publ. Carnegie Inst. Wash.* 461: 16 [10 July 1935] (Bartlett 1935), *nom. nud.*

*Aspidosperma matudae* Lundell, *Phytologia* 1 (10): 339 [27 Nov. 1939] (Lundell 1939), “*matudai*”.

*Aspidosperma chiapense* Matuda, *Madroño* 10 (6): 172 [23 Jan. 1950] (Matuda 1950).

*Aspidosperma chiapense* f. *tenax* Matuda, *Madroño* 10 (6): 173 [23 Jan. 1950] (Matuda 1950).

NOTE. — Listed as a synonym of *A. desmanthum* Benth. ex Müll.Arg. (1860) in Morales (2009), but reinstated in Morales & Zamora (2017).

VERNACULAR NAMES. — Ka: apukuitya, mantiotio • Wp: alala ká’i • Wn: lapa-lapa • Nt: kumanti udu • Cr: bwa-makak, bwa-takari • Br: araracanga, araraúba.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *D. Sabatier* 981.

INVENTORY DATA (FG). — 84 trees in 46 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 56.7$  cm.

[99] *Aspidosperma excelsum* Benth.

*J. Bot. [Hooker]* 3: 245 (Bentham 1841). — *Macaglia excelsa* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 416 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: isuu-ára-kamwi, isuu-gaáha, pwait • Ka: apukuitya tamunen, tipulu apukuitya • Te: palakū’i • Wn: aipawaj, epalai • Nt: pali udu • Cr: sitronèl-blan • Fr: bois pagaie • Br: carapanaúba.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *S.A. Mori & T.D. Pennington* 18001.

INVENTORY DATA (FG). — 84 trees in 56 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 83$  cm.



[100] *Aspidosperma helstonei* Donsel.

*Acta Bot. Neerl.* 21: 253 (Donselaar 1972).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wakaba-kaubimna • Wp: pilake'i • Wn: aipawaj • Cr: bwa-angi.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 947*.

INVENTORY DATA (FG). — 11 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.4$  cm.

[101] *Aspidosperma marcgravianum* Woodson

*Ann. Missouri Bot. Gard.* 38 (2): 170 (Woodson 1951).

NOTE. — Synonym of *A. excelsum* in Morales (2005), but no longer in Morales & Zamora (2017).

VERNACULAR NAMES. — Ka: apukuitya, tamunen apukuitya • Wp: palaku'i, palakuta piyū • Wn: pakolo talalan • Nt: pali udu • Cr: sitronèl-blan • Br: araróba, carapanáuba.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *H. Jacquemin 1903*.

INVENTORY DATA (FG). — 120 trees in 56 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 130$  cm.

[102] *Aspidosperma oblongum* A.DC.

*Prodr. [A. P. de Candolle]* 8: 399 [mid Mar. 1844] (Candolle 1844). — *Macaglia oblonga* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 416 [5 Nov. 1891] (Kuntze 1891).

*Aspidosperma kuhlmannii* Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 12: 555 [6 Dec. 1935] (Markgraf 1935).

VERNACULAR NAMES. — Pa: isuu-ára-kamwi • Ka: palakusinién, palakusinyan, tipulu apukuitya • Wp: palakuta pilá, palakuta piyū • Nt: pali udu • Cr: sitronèl • Br: carapanáuba-branca.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, G-DC[G00143998]; iso-, B[photo F neg. 4424], F[V0092471F], RB[RB00535068]).

INVENTORY DATA (FG). — 30 trees in 15 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 115$  cm.

[103] *Aspidosperma sandwithianum* Markgr.

*Notizbl. Bot. Gart. Berlin-Dahlem* 12: 561 [6 Dec. 1935] (Markgraf 1935).

VERNACULAR NAMES. — Wp: alala ká'i • Br: araracanga-branca.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *Service Forestier M-63*.

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 68.4$  cm.

[104] *Aspidosperma schultesii* Woodson

*Ann. Missouri Bot. Gard.* 38 (2): 168 (Woodson 1951).

*Aspidosperma macrophyllum* Müll.Arg. subsp. *morii* L.Allorge, *Bull. Soc. Bot. France, Lett. Bot.* 138 (4-5): 274 [“1991” publ. 1992] (Allorge 1992).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *S.A. Mori et al. 19167* (holotype of *Aspidosperma macrophyllum* subsp. *morii*: P[P00077205]; iso-, K[K000587703], MG[MG143431], P[P00639549], U[U0000478], US[00386110], VEN[VEN269912], WAG[WAG0000107]).

INVENTORY DATA (FG). — 26 trees in 11 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 75.8$  cm.

[105] *Aspidosperma* sp. A

NOTE. — Six collections at CAY were identified in 2003 by J.F. Morales as *A. spruceanum* Benth. ex Müll.Arg. However, the long petioles and abaxially glabrous, shiny leaves of the specimens do not agree with the original diagnosis and type of *A. spruceanum*, which has very short petioles and leaves bearing a silvery indument abaxially. None of the collections identified as *A. spruceanum* at CAY, whether by J.F. Morales or anyone else, displays this combination of characters.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3016*.

INVENTORY DATA (FG). — 199 trees in 47 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 66.9$  cm.

Genus *Couma* Aubl.

[106] *Couma guianensis* Aubl.  
(Fig. 9A)

*Hist. Pl. Guiane* 2 (Suppl.): 39 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Cerbera triphylla* Rudge, *Pl. Guian. [Rudge]* 1 (4): 31 [Apr.-May 1806] (Rudge 1806).

VERNACULAR NAMES. — Pa: ukum • Ka: akuma, kuma • Te: kumá • Wp: yuwa • Wn: èhepuk • Nt: baaka mapa, miliki udu • Cr: bwa-vach, mapa, pwé • Fr: bois vache, coumier • Br: sorva, sorvão.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952644]).

INVENTORY DATA (FG). — 177 trees in 90 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 84.7$  cm.

Genus *Geissospermum* Allemão

[107] *Geissospermum argenteum* Woodson  
(Fig. 9C)

*Lloydia* 2 (3): 207 (Woodson 1939).

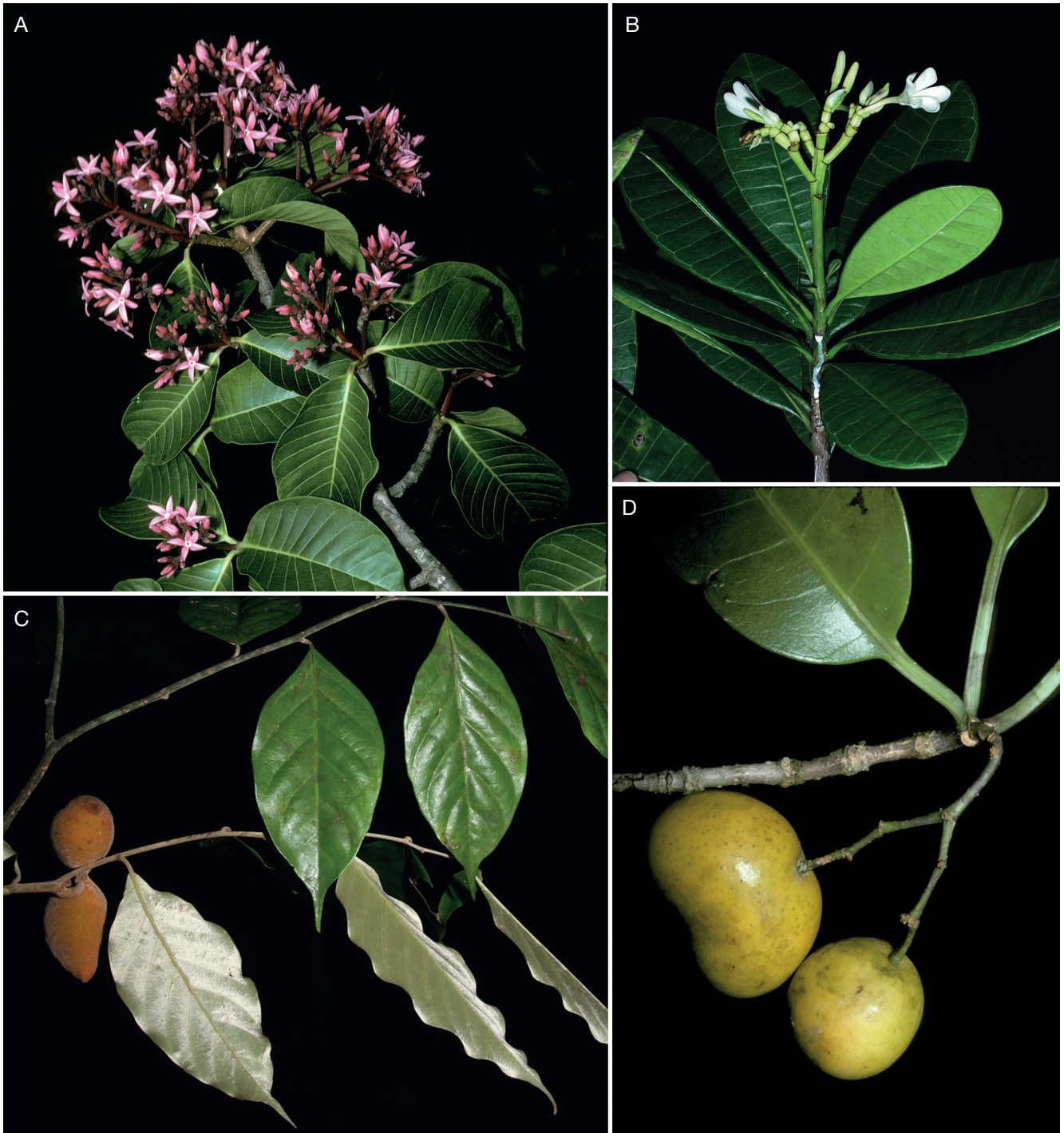


FIG. 9. — Apocynaceae: **A**, *Couma guianensis* Aubl. (D. Sabatier & M.-F. Prévost 3756); **B**, *Himatanthus phagedaenicus* (Mart.) Woodson (M.-F. Prévost & D. Sabatier 4743); **C**, *Geissospermum argenteum* Woodson; **D**, *Rauvolfia paraensis* Ducke (D. Sabatier 1691). © D. Sabatier/IRD.

VERNACULAR NAMES. — Pa: á-gógo, gógo purubumna, kongo, kongo-ama • Ka: mataki • Wp: pelowi • Wn: wataki • Nt: bita udu, bonga bita • Cr: maya-kongo • Fr: maria congo • Br: acariquara-branca, acarirana, pau-pereira, quinarana.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 3064.

INVENTORY DATA (FG). — 259 trees in 27 plots;  $F_{\max} = 7.4\%$ ;  $dbh_{inv} = 102$  cm.

[108] *Geissospermum laeve* (Vell.) Miers

*Apocyn. S. Am.*: 84 [May-June 1878] (Miers 1878). — *Tabernaemontana laevis* Vell., *Fl. Flumin.* 105 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Geissospermum vellosii* Allemão, *Arch. Med. Bras.* 2 (4): 73 [Dec. 1845] (Allemão 1845).

VERNACULAR NAMES. — Pa: gôgo-puvemna • Ka: mataki • Wp: pelowi'u • Wn: wataki • Nt: bita udu, bonga bita • Cr: maya-kongo • Fr: maria congo • Br: acariquara-branca, acarirana, pau-pereira, quinarana.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2680*.

INVENTORY DATA (FG). — 109 trees in 50 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[109] *Geissospermum sericeum* Miers

*Apocyn. S. Am.*: 86 [May-June 1878] (Miers 1878).

*Geissospermum fuscum* Markgr., *Acta Bot. Venez.* 13 (1-4): 353 (Markgraf 1978).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: wipitano ityumban wewe • Wn: wataki • Nt: bita udu • Br: acariquara-branca, quinarana.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P.A. Sagot 966*, Sep. 1856 (holo-, BM[BM000548558]; iso-, B[not seen, photo F neg. 4455], K[K000582549, K000582550], MPU[MPU022918], P[P00646503, P00646504, P00646505], S[S-R-2368]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.4$  cm.

Genus *Himatanthus* Willd.

[110] *Himatanthus articulatus* (Vahl) Woodson

*Ann. Missouri Bot. Gard.* 25 (1): 196 [27 Dec. 1937, dated 1938] (Woodson 1937), “*articulata*”. — *Plumeria articulata* Vahl, *Eclog. Amer.* 2: 20 (Vahl 1798).

*Himatanthus rigidus* Willd., *Syst. Veg. [Roemer & Schultes]* 5: 221 [Dec. 1819] (Willdenow 1819).

*Plumeria floribunda* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 40 [30 July 1860] (Müller 1860).

*Plumeria sucuuba* Spruce ex Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 40 [30 July 1860] (Müller 1860). — *Himatanthus sucuuba* (Spruce ex Müll.Arg.) Woodson, *Ann. Missouri Bot. Gard.* 25 (1): 198 [27 Dec. 1937, dated 1938] (Woodson 1937).

*Plumeria microcalyx* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 254 [24 Oct. 1929] (Standley 1929).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020, as *H. sucuuba*). The name *H. rigidus* is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15; see also IPNI 2020 and Taylor & Gereau 2019); hence the authorship is neither “Willd. ex Roem. & Schult.” nor “Willd. ex Schult.”

VERNACULAR NAMES. — Pa: uwaitya-avain • Ka: ana'i, ana'u • Wp: melekene, melekene u • Wn: epku'i, lapalapa • Nt: geebi udu, gyebi udu • Cr: bwa-chini, bwa-dilèt • Br: molongó, sucuúbarana.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *M.-F. Prévost 1082*.

INVENTORY DATA (FG). — 31 trees in 23 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 60.9$  cm.

[111] *Himatanthus bracteatus* (A.DC.) Woodson

*Ann. Missouri Bot. Gard.* 25 (1): 200 [27 Dec. 1937, dated 1938] (Woodson 1937), “*bracteata*”. — *Plumeria bracteata* A.DC., *Prodr. [A. P. de Candolle]* 8: 394 [mid Mar. 1844] (Candolle 1844).

*Plumeria speciosa* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 36 [30 July 1860] (Müller 1860). — *Himatanthus speciosus* (Müll.Arg.) Plumel, *Compt. Rend. Séances Soc. Biogéogr.* 66 (3): 114 (Plumel 1990).

*Plumeria ambigua* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 37 [30 July 1860] (Müller 1860).

*Plumeria martii* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 37 [30 July 1860] (Müller 1860).

*Plumeria floribunda* var. *acutifolia* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 41 [30 July 1860] (Müller 1860).

*Plumeria floribunda* var. *calycina* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 41 [30 July 1860] (Müller 1860).

*Plumeria floribunda* var. *crassipes* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 40 [30 July 1860] (Müller 1860).

*Plumeria lancifolia* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 41 [30 July 1860] (Müller 1860). — *Himatanthus lancifolius* (Müll.Arg.) Woodson, *Ann. Missouri Bot. Gard.* 25 (1): 200 [27 Dec. 1937, dated 1938] (Woodson 1937), “*lancifolia*”.

*Plumeria lancifolia* var. *major* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 41 [30 July 1860] (Müller 1860).

*Plumeria lancifolia* var. *microphylla* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 41 [30 July 1860] (Müller 1860).

NOTE. — All CAY specimens identified so far as *H. bracteatus* (A.DC.) Woodson (1937) belong to *H. phagedaenicus* (Spina 2004).

HERBARIUM DATA (FG). — A single collection, the neotype of *Plumeria speciosa*: *L. Allorge & J. Rombold 335* (P[P00646529]): 20 m × 15 cm (Spina *et al.* 2013).

[112] *Himatanthus phagedaenicus* (Mart.) Woodson  
(Fig. 9B)

*Ann. Missouri Bot. Gard.* 25 (1): 199 [27 Dec. 1937, dated 1938] (Woodson 1937), “*phagedaenica*”. — *Plumeria phagedaenica* Mart., *Reise Bras. [Spix & Mart.]* 3: 1128 (Martius 1831).

NOTE. — Here belong all CAY specimens identified so far as *H. bracteatus* (Spina 2004).

VERNACULAR NAMES. — Nt: geebi udu, gyebi udu • Br: sucuúba.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2882*.

INVENTORY DATA (FG). — 93 trees in 41 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 38$  cm.

[113] *Himatanthus tarapotensis* (K.Schum. ex Markgr.)  
Plumel

*Bradea* 5 (Supl.): 50 (Plumel 1991). — *Plumeria tarapotensis* K.Schum. ex Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 339 (Markgraf 1932).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 23792.

SIZE. — Up to 25 m tall (Plumel 1991).

Genus *Lacmellea* H.Karst.

[114] *Lacmellea aculeata* (Ducke) Monach.

*Lloydia* 7 (4): 292 [“1944” publ. 25 Jan. 1945] (Monachino 1945). — *Zschokkea aculeata* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 240 (Ducke 1922).

VERNACULAR NAMES. — Pa: ten-wašiuonó • Ka: akumalan, awaladala, awalatala • Te: tapele dju'a • Wp: tapeleyiwa, tapeleyuwa • Wn: siklet • Nt: kapasi amandaa, maka mapa, mapa • Cr: grènn-bich • Br: cumai, pau-de-chicle, pau-de-colher, sorvinha.

HERBARIUM DATA (FG). — 121 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2377.

INVENTORY DATA (FG). — 371 trees in 158 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 32.8$  cm.

[115] *Lacmellea guyanensis* (Müll.Arg.) Monach.

*Lloydia* 7 (4): 295 [“1944” publ. 25 Jan. 1945] (Monachino 1945). — *Zschokkea guyanensis* Müll.Arg., *Linnaea* 30: 391 (Müller 1860).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (original material K[K000587558]); *R.A.A. Oldeman B-652*: 16 m × 24 cm.

Genus *Laxoplumeria* Markgr.

[116] *Laxoplumeria baehmiana* Monach.

*Phytologia* 3 (2): 68 [29 Mar. 1949] (Monachino 1949).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori* 15537.

SIZE. — Brazil, Acre. *B.A. Krukoff* 5720 (MO), 35 m tall (110 ft).

Genus *Macoubea* Aubl.

[117] *Macoubea guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 18 [Jun.-Dec. 1775] (Aublet 1775), “Guyannensis” on plate. — *Tabernaemontana aubletii* Pulle, *Recueil Trav. Bot. Néerl.* 9: 157 (Pulle 1912), *nom. illeg. superfl.* (based on *Macoubea guianensis*).

*Tabernaemontana macrophylla* Lam., *Tabl. Encycl.* 2[5 (2)]: 299 [31 Oct. 1819] (Lamarck 1819). — *Merizadenia amplifolia* Miers, *Apocyn. S. Am.*: 79 [May-June 1878] (Miers 1878), *nom. illeg. superfl.* (based on *Tabernaemontana macrophylla*).

*Tabernaemontana reticulata* A.DC., *Prodr. [A. P. de Candolle]* 8: 366 [mid Mar. 1844] (Candolle 1844). — *Rhigospira reticulata* (A.DC.) Miers, *Apocyn. S. Am.*: 69 [May-June 1878] (Miers

1878). — *Macoubea reticulata* (A.DC.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 178 [10 July 1938] (Markgraf 1938). — *Macoubea guianensis* var. *reticulata* (A.DC.) L.Allorge, *Mém. Mus. Natl. Hist. Nat., sér. B, Bot.* 30: 174 (Allorge 1985).

*Tabernaemontana paucifolia* Spruce ex Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 87 [30 July 1860] (Müller 1860). — *Rhigospira paucifolia* (Spruce ex Müll.Arg.) Miers, *Apocyn. S. Am.*: 69 [May-June 1878] (Miers 1878). — *Macoubea paucifolia* (Spruce ex Müll.Arg.) Markgr. ex L.O. Williams, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 422 (Williams 1936). — *Macoubea sprucei* (Müll.Arg.) Markgr. var. *paucifolia* (Spruce ex Müll.Arg.) Monach., *Lloydia* 8 (4): 299 [“1945” publ. 20 Dec. 1946] (Monachino 1946).

*Rhigospira sinuosa* Miers, *Apocyn. S. Am.*: 70 [May-June 1878] (Miers 1878). — *Macoubea sinuosa* (Miers) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 178 [10 July 1938] (Markgraf 1938).

*Parahancornia tabernaemontana* Woodson, *Bull. Torrey Bot. Club* 75 (5): 556 [11 Oct. 1948] (Woodson 1948).

NOTE. — Semi-domesticated by pre-Columbian Amerindians (Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: ukum-kamwi • Ka: sokosoko • Wp: ka'i akáni, ka'i láká ni • Wn: wítik • Nt: mapa, weti mapa • Cr: mapa, pwé-blan • Fr: macoubé (*vide* Aublet 1775) • Br: amapá-doce.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952638]).

INVENTORY DATA (FG). — 114 trees in 75 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 71.6$  cm.

Genus *Malouetia* A.DC.

[118] *Malouetia duckei* Markgr.

*Notizbl. Bot. Gart. Berlin-Dahlem* 9: 962 [15 Nov. 1926] (Markgraf 1926).

HERBARIUM DATA (FG). — A single collection, *B. Bordenave & Bétian* 7946.

SIZE. — Up to 38 m tall (Endress 1995).

[119] *Malouetia guianensis* (Aubl.) Miers

*Apocyn. S. Am.*: 87 [May-June 1878] (Miers 1878). — *Camreraria guianensis* Aubl., *Hist. Pl. Guiane* 1: 262 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: pahe-avan-priyo.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777974] designated by Lanjouw & Uttien [1940: 149]).

INVENTORY DATA (FG). — 28 trees in 9 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 39.2$  cm.

[120] *Malouetia tamaquarina* (Aubl.) A.DC.

*Prodr. [A. P. de Candolle]* 8: 378 [mid Mar. 1844] (Candolle 1844). — *Cameraria tamaquarina* Aubl., *Hist. Pl. Guiane* 1: 260 [Jun.-Dec. 1775] (Aublet 1775). — *Cameraria lutea* Lam., *Encycl. [J. Lamarck et al.]* 1 (2): 573 [1 Aug. 1785] (Lamarck 1785), *nom. illeg. superfl.* (based on *Cameraria tamaquarina*).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventory plots in French Guiana.

VERNACULAR NAMES. — Pa: yu-kig • Ka: yalamilulan • Wp: paluke • Wn: kuje, kulisa, kuše • Cr: bwa-kouyè • Br: molongó-de-colher, tamanqueira-de-leite.

HERBARIUM DATA (FG). — 83 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777973] designated by Lanjouw & Uittien [1940: 149]).

SIZE. — Up to 20 m tall (Endress 1995).

Genus *Parahancornia* Ducke

[121] *Parahancornia fasciculata* (Poir.) Benoist

*Arch. Bot.* 5 (Mém. 1): 274 [27 Mar. 1933] (Benoist 1933). — *Tabernaemontana fasciculata* Poir., *Encycl. [J. Lamarck et al.]* 7: 531 [6 July 1806] (Poiret 1806). — *Thyrsanthus fasciculatus* (Poir.) Miers, *Apocyn. S. Am.*: 100 [May-June 1878] (Miers 1878). — *Couma fasciculata* (Poir.) Benoist, *Arch. Bot.* 5 (Mém. 1): 253 [27 Mar. 1933] (Benoist 1933). — *Macoubea fasciculata* (Poir.) Lemée, *Fl. Guyane Franç.* 3: 298 (Lemée 1954).

*Hancornia amapa* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 443 (Huber 1902). — *Parahancornia amapa* (Huber) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 26, 243 (Ducke 1922), “*amapá*”; “*Parahancornea*” on p. 242.

VERNACULAR NAMES. — Pa: amap, pakih-etni • Ka: amaba, amapa • Wp: amapa • Nt: dokali mapa, lebi mapa • Cr: mapa • Fr: amapa • Br: amapá, amapá-amargoso.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (original material P[P00646707]).

INVENTORY DATA (FG). — 70 trees in 52 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 77.2$  cm.

Genus *Rauwolfia* L.

[122] *Rauwolfia paraensis* Ducke  
(Fig. 9D)

*Arch. Jard. Bot. Rio de Janeiro* 4: 167 (Ducke 1925).

VERNACULAR NAMES. — Wp: wila lo, wila to tawa • Br: gogó-de-guariba.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier 1691*.

INVENTORY DATA (FG). — 11 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.4$  cm.

[123] *Rauwolfia pentaphylla* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 244 (Ducke 1922).

*Couma pentaphylla* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 7: 124 (Huber 1913), *nom. nud.*

*Rauwolfia duckei* Markgr., *Repert. Spec. Nov. Regni Veg.* 20: 121 (Markgraf 1924).

VERNACULAR NAMES. — Br: pau-marfim-falso.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2448*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 23.2$  cm.

Genus *Tabernaemontana* Plum. ex L.

[124] *Tabernaemontana attenuata* (Miers) Urb.

*Repert. Spec. Nov. Regni Veg.* 13: 471 [1 Apr. 1915] (Urban 1915). — *Bonafousia attenuata* Miers, *Apocyn. S. Am.*: 51 [May-June 1878] (Miers 1878). — *Anartia attenuata* (Miers) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 165 [10 July 1938] (Markgraf 1938).

VERNACULAR NAMES. — Pa: pahe-avan-puvemna • Ka: wayamu sasamili.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *A.J.M. Leeuwenberg 11653* (US).

INVENTORY DATA (FG). — 52 trees in 37 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 22.4$  cm.

[125] *Tabernaemontana flavicans* Willd.

*Syst. Veg. [Roemer & Schultes]* 4: 797 [Mar.-June 1819] (Willdenow 1819). — *Anartia flavicans* (Willd.) Miers, *Apocyn. S. Am.*: 82 [May-June 1878] (Miers 1878).

*Tabernaemontana oblongifolia* A.DC., *Prodr. [A. P. de Candolle]* 8: 368 [mid Mar. 1844] (Candolle 1844). — *Bonafousia oblongifolia* (A.DC.) Miers, *Apocyn. S. Am.*: 50 [May-June 1878] (Miers 1878). — *Anartia oblongifolia* (A.DC.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 165 [10 July 1938] (Markgraf 1938).

*Tabernaemontana olivacea* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 75 [30 July 1860] (Müller 1860). — *Bonafousia olivacea* (Müll.Arg.) Miers, *Apocyn. S. Am.*: 52 [May-June 1878] (Miers 1878). — *Anartia olivacea* (Müll.Arg.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 165 [10 July 1938] (Markgraf 1938).

*Anartia glabrata* Miers, *Apocyn. S. Am.*: 81 [May-June 1878] (Miers 1878).

*Bonafousia latiflora* Miers, *Apocyn. S. Am.*: 50 [May-June 1878] (Miers 1878).

*Taberna disparifolia* Miers, *Apocyn. S. Am.*: 63 [May-June 1878] (Miers 1878).

NOTE. — The name *T. flavicans* is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15; see also IPNI 2020 and Taylor & Gereau 2019); hence the authorship is neither “Willd. ex Roem. & Schult.” nor “Willd. ex Schult.”

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: C. Moretti 626.

SIZE. — Up to 20 cm dbh (Leeuwenberg 1994).

[126] *Tabernaemontana lagenaria* Leeuwenb.

Revis. *Tabernaemontana* 2: 315 (Leeuwenberg 1994).

VERNACULAR NAMES. — Ka: sokosoko • Wp: sokosoko • Br: leiteira, pau-de-colher.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: J.-J. de Granville 7000 (holo-, P[P00093825]; iso-, BR[BR0000006956783], CAY[CAY088444, CAY088445, CAY088446, CAY088447], G[G00190729], MG[MG126010], MO[MO-1115689], U[U0005301], US[00385866] ).

SIZE. — Up to 30 m tall (Leeuwenberg 1994).

[127] *Tabernaemontana linkii* A.DC.

*Prodr. [A. P. de Candolle]* 8: 364 [mid Mar. 1844] (Candolle 1844). — *Peschiera linkii* (A.DC.) Miers, *Apocyn. S. Am.*: 47 [May-June 1878] (Miers 1878).

*Tabernaemontana multiflora* Link ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 4: 431 [Mar.-June 1819] (Roemer & Schultes 1819), *nom. illeg. hom., non Sm.* (Smith 1817).

*Tabernaemontana muricata* Willd., *Syst. Veg. [Roemer & Schultes]* 4: 797 [Mar.-June 1819] (Willdenow 1819).

*Tabernaemontana benthamiana* Müll.Arg., *Fl. Bras. [Martius]* 6 (1): 80 [30 July 1860] (Müller 1860). — *Peschiera multiflora* Spruce ex Miers, *Apocyn. S. Am.*: 45 [May-June 1878] (Miers 1878), *nom. illeg. superfl.* (based on *Tabernaemontana benthamiana*). — *Peschiera benthamiana* (Müll.Arg.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 171 [10 July 1938] (Markgraf 1938).

*Peschiera ochracea* Miers, *Apocyn. S. Am.*: 42 [May-June 1878] (Miers 1878).

*Tabernaemontana myriantha* Britton ex Rusby, *Descr. S. Amer.: Pt.* 84 [20 Dec. 1920] (Rusby 1920). — *Peschiera myriantha* (Britton ex Rusby) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 171 [10 July 1938] (Markgraf 1938). — *Peschiera benthamiana* var. *myriantha* (Britton ex Rusby) L.Allorge, *Mém. Mus. Natl. Hist. Nat., sér. B, Bot.* 30: 154 (Allorge 1985).

*Tabernaemontana stenantha* Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 1037 [1 Aug. 1930] (Markgraf 1930). — *Peschiera stenantha* (Markgr.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 171 [10 July 1938] (Markgraf 1938). — *Peschiera benthamiana* var. *stenantha* (Markgr.) L.Allorge, *Mém. Mus. Natl. Hist. Nat., sér. B, Bot.* 30: 154 (Allorge 1985).

NOTE. — The name *T. muricata* is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15; see also IPNI 2020 and Taylor & Gereau 2019); hence the authorship is neither “Willd. ex Roem. & Schult.” nor “Willd. ex Schult.”

HERBARIUM DATA (FG). — A single collection, J.-J. de Granville B-4488.

SIZE. — Up to 40 cm dbh (Leeuwenberg 1994).

[128] *Tabernaemontana sananho* Ruiz & Pav.

*Flora Peruviana* 2: 22 (Ruiz & Pavón 1799). — *Merizadenia sananho* (Ruiz & Pav.) Miers, *Apocyn. S. Am.*: 78 [May-June 1878] (Miers 1878). — *Bonafousia sananho* (Ruiz & Pav.) Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 166 [10 July 1938] (Markgraf 1938).

*Tabernaemontana poeppigii* Müll.Arg., *Linnaea* 30: 405 (Müller 1860). — *Taberna poeppigii* (Müll.Arg.) Miers, *Apocyn. S. Am.*: 63 [May-June 1878] (Miers 1878).

VERNACULAR NAMES. — Wp: a'i kálátá'á • Br: guarecoló.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 4424.

SIZE. — Up to 15 cm dbh (Leeuwenberg 1994).

[129] *Tabernaemontana undulata* Vahl

*Eclog. Amer.* 2: 20 (Vahl 1798). — *Bonafousia undulata* (Vahl) A.DC., *Prodr. [A. P. de Candolle]* 8: 359 [mid Mar. 1844] (Candolle 1844).

*Echites brasiliensis* Thunb., *Echites* 5 (Thunberg 1819).

*Tabernaemontana meyeri* G.Don, *Gen. Hist.* 4 (1): 89 (Don 1837). — *Anartia meyeri* (G.Don) Miers, *Apocyn. S. Am.*: 80 [May-June 1878] (Miers 1878).

*Tabernaemontana perrottetii* A.DC., *Prodr. [A. P. de Candolle]* 8: 362 [mid Mar. 1844] (Candolle 1844). — *Bonafousia perrottetii* (A.DC.) Miers, *Apocyn. S. Am.*: 51 [May-June 1878] (Miers 1878).

*Peschiera surinamensis* Miq., *Linnaea* 18: 742 [“1844” publ. Aug.-Oct. 1845] (Miquel 1845).

*Bonafousia obliqua* Miers, *Apocyn. S. Am.*: 49 [May-June 1878] (Miers 1878). — *Tabernaemontana obliqua* (Miers) Leeuwenb., *Meded. Landbouwhoogeschool Wageningen* 83 (7): 60 [“1983” publ. 1984] (Leeuwenberg 1984).

*Bonafousia undulata* var. *ovalifolia* Miers, *Apocyn. S. Am.*: 49 [May-June 1878] (Miers 1878).

*Tabernaemontana albescens* Rusby, *Descr. S. Amer. Pl.* 83 [20 Dec. 1920] (Rusby 1920). — *Anacampta albescens* (Rusby) Markgr., *Fl. Suriname* 4 (1): 452 (Markgraf 1937).

*Stemmadenia nervosa* Standl. & L.O. Williams, *Ceiba* 3 (2): 126 [1 Oct. 1952] (Standley & Williams 1952).

VERNACULAR NAMES. — Pa: pahe-avan • Ka: alawata emulutano, pelo emulutano • Wp: sokosoko'i • Wn: pakilemu • Nt: miliki tiki • Cr: bwa-dilèt.

HERBARIUM DATA (FG). — 197 collections at CAY. Sel. exs.: G.S. Perrottet 275 (holotype of *Tabernaemontana perrottetii*: G-DC[G00143420]; iso-, G[G00170000]).

INVENTORY DATA (FG). — 3 trees in 3 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 11.9 cm.

Family AQUIFOLIACEAE Bercht. & J.Presl  
Genus *Ilex* Tourn. ex L.

[130] *Ilex guianensis* (Aubl.) Kuntze

*Revis. Gen. Pl.* 1: 113 [5 Nov. 1891] (Kuntze 1891). — *Macoucoua guianensis* Aubl., *Hist. Pl. Guiane* 1: 88 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Ilex acuminata* Willd., *Sp. Pl.*, ed. 4 1 (2): 711 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Macoucoua guianensis* Aubl.). — *Ilex macoucoua* Pers., *Syn. Pl. [Persoon]* 1: 152 [1 Apr.-15 June 1805] (Persoon 1805), *nom. illeg. superfl.* (based on *Macoucoua guianensis*).

*Ilex celastroides* Klotzsch ex Garcke, *Linnaea* 22: 58 (Garcke 1849).

*Ilex occidentalis* Macfad., *Fl. Brit. W.I. [Grisebach]* 147 [June 1859] (Macfadyen 1859).

*Ilex panamensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 221 [24 Oct. 1929] (Standley 1929).

*Ilex gentlei* Lundell, *Field & Lab.* 13 (1): 5 (Lundell 1945).

VERNACULAR NAMES. — Ka: macoucou (fide Aublet 1775).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777519] designated by Lanjou & Uittien [1940: 152]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.9$  cm.

[131] *Ilex inundata* Poepp. ex Reissek

*Fl. Bras. [Martius]* 11 (1): 43 [15 Feb. 1861] (Reissek 1861).

*Ilex riparia* Reissek, *Fl. Bras. [Martius]* 11 (1): 43 [15 Feb. 1861] (Reissek 1861).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost* 2267.

INVENTORY DATA (FG). — 1 tree,  $dbh = 19.3$  cm.

[132] *Ilex jenmanii* Loes.

*Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 78: 412 (Loesener 1901).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Loubry* 2339.

INVENTORY DATA (FG). — 10 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.7$  cm.

[133] *Ilex laureola* Triana & Planch.

*Ann. Sci. Nat., Bot. sér.* 5, 16: 377 (Triana & Planchon 1872), “*Laureola*”.

*Ilex laureola* var. *genuina* Loes., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 78: 440 (Loesener 1901), *nom. inval.* (Turland et al. 2018: Art. 24.3).

*Ilex laureola* var. *neglecta* Loes., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 78: 440 (Loesener 1901).

*Ilex macrolaurus* Loes., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 78: 438 (Loesener 1901).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sibatier & E. Fonty* 5597.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.3$  cm.

[134] *Ilex martiniana* D. Don

Descr. *Pinus*, ed. 2, 2: App. 8\* (Don 1828).

NOTES. — Known only from the Guiana Shield. Plate 5 in Don (1828) is wrongly labelled “*Ilex paraguensis*”. *I. paraguensis* is described on p. 5\*, t. 4.

HERBARIUM DATA (FG). — No collection at CAY. Sel. exs.: *J. Martin s.n.* (original material not traced; *E.M. Mélinon s.n.* (P[P03275721])).

INVENTORY DATA (FG). — 1 tree,  $dbh = 16.8$  cm.

[135] *Ilex* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *P. Acevedo-Rodríguez et al.* 6130.

INVENTORY DATA (FG). — 1 tree,  $dbh = 56$  cm.

[136] *Ilex* sp. B  
(Fig. 10A)

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino* 1155.

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.9$  cm.

Family ARALIACEAE Juss.  
Genus *Didymopanax* Decne. & Planch.

[137] *Didymopanax decaphyllum*  
(Seem.) Fiaschi & G.M.Plunkett

*Brittonia* 72 (1): 19 [Publ. online 23 Jan. 2020] (Fiaschi & Plunkett 2020). — *Sciodaphyllum decaphyllum* Seem., *J. Bot.* 3: 266 (Seemann 1865). — *Panax decaphyllum* Sagot ex Seem., *J. Bot.* 3: 266 (Seemann 1865), *nom. nud. pro syn.* — *Schefflera decaphylla* (Seem.) Harms, *Nat. Pflanzenfam. [Engler & Prantl]* 3 (8): 37 (Harms 1894).

*Schefflera paraensis* Huber ex Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 228 (Ducke 1922).

VERNACULAR NAMES. — Pa: ahamban • Ka: piliwa molototo’u, piliwa mulototou • Wp: molototo • Nt: tobitutu, weti tobitutu • Cr: bwa-lasengan • Fr: bois de la saint-Jean • Br: morototó-branco.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *P.A. Sagot* 916, May 1856 (lecto-, K[K000588148], designated by Fiaschi & Plunkett [2018: 57]; isolecto-, BM[BM001008663], P[P00445504, P00445505, P02286445, P02286446, P02286447, P02286448], W[W 1889-0089019]).

INVENTORY DATA (FG). — 133 trees in 73 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 73.2$  cm.



FIG. 10. — Aquifoliaceae: **A**, *Ilex* sp. B (D. Sabatier et al. 4715). Araliaceae: **B**, *Oreopanax capitatus* (Jacq.) Decne. & Planch. (D. Sabatier & J.-F. Molino 5723). Araceae: **C**, *Astrocaryum rodriguesii* Trail (D. Sabatier & M.-F. Prévost 4921); **D**, *Manicaria saccifera* Gaertn. © D. Sabatier/IRD.

[138] *Didymopanax morototoni* (Aubl.) Decne. & Planch.

*Rev. Hort. (Paris)*, sér. 4, 3: 109 [16 Mar. 1854] (Decaisne & Planchon 1854). — *Panax morototoni* Aubl., *Hist. Pl. Guiane* 2: 949 [Jun.-Dec. 1775] (Aublet 1775). — *Panax undulatus* Aubl., *Hist. Pl. Guiane* 4: t. 360 [Jun.-Dec. 1775] (Aublet 1775), “*Undulata*”. — *Oreopanax morototoni* (Aubl.) Pittier, *Expl. Bot. Cuenca Maracaibo* 41 (Pittier 1923). — *Schefflera morototoni* (Aubl.) Maguire, Steyerl. & Frodin, *Mem. New York Bot. Gard.* 38: 51 (Maguire et al. 1984).

*Panax splendens* Kunth, *Nova genera et species plantarum* [H.B.K.] 5: 11 [28 May 1821] (Kunth 1821). — *Didymopanax splendens* (Kunth) Decne. & Planch. ex Seem., *J. Bot.* 6: 132 (Seemann 1868). — *Schefflera splendens* (Kunth) Frodin ex Lindeman, *Fl. Suriname* 3 (1-2, addit. & correct.): 352 (Lindeman 1986).

*Didymopanax poeppigii* Decne. & Planch., *Rev. Hort. (Paris)*, sér. 4, 3: 109 [16 Mar. 1854] (Decaisne & Planchon 1854). — *Didymopanax morototoni* var. *poeppigii* (Decne. & Planch.) Marchal, *Fl. Bras. [Martius]* 11 (1): 241 [1 Feb. 1878] (Marchal 1878).

*Didymopanax morototoni* var. *sessiliflorus* Marchal, *Fl. Bras. [Martius]* 11 (1): 241 [1 Feb. 1878] (Marchal 1878). — *Schefflera morototoni* var. *sessiliflorus* (Marchal) Frodin, *World Checkl. & Bibliogr. Araliaceae* 358 [2003 published Feb. 2004] (Frodin 2004).

NOTE. — Although *Panax* “*undulata*” is an error on the plate of *P. morototoni* (Aublet 1775, 4: t. 360), *Panax undulatus* is a valid name.

VERNACULAR NAMES. — Pa: ahamban • Ka: molototo’u, mulototou • Te: bolototo uhu • Wp: molototo • Wn: malamala • Nt: lebi tobitutu • Cr: bwa-lasenjan • Fr: bois de la saint-Jean • Br: morototó.



HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM001008661], designated by Fiaschi & Plunkett [2018: 74]).

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 70$  cm.

Genus *Oreopanax* Decne. & Planch.

[139] *Oreopanax capitatus* (Jacq.) Decne. & Planch.  
(Fig. 10B)

*Rev. Hort. (Paris)*, sér. 4, 3: 108 [16 Mar. 1854] (Decaisne & Planchon 1854), “*capitatum*”. — *Aralia capitata* Jacq., *Enum. Syst. Pl.*: 18 [Aug.-Sep. 1760] (Jacquin 1760). — *Hedera capitata* (Jacq.) Sm., *Icon. Pict. Pl. Rar.* 1: t. 4 (Smith 1790). — *Hedera frondosa* Salisb., *Prodr. Stirp. Chap. Allerton* 144 [Nov.-Dec. 1796] (Salisbury 1796), *nom. illeg. superfl.* (based on *Aralia capitata*). — *Botryodendrum capitatum* (Jacq.) Endl., *Cat. Horti Vindob.* 2: 177 (Endlicher 1842). — *Sciodaphyllum capitatum* (Jacq.) Griseb., *Fl. Brit. W.I. [Grisebach]* 306 [late 1860] (Grisebach 1860). — *Mesopanax capitatus* (Jacq.) R.Vig., *Ann. Sci. Nat., Bot.* sér. 9, 4: 104 (Viguier 1906).

*Oreopanax destructor* Seem., *J. Bot.* 7: 351 (Seemann 1869).

*Oreopanax liebmannii* Marchal, *Bull. Acad. Roy. Sci. Belgique*, sér. 2, 47 (1): 87 (Marchal 1879).

*Oreopanax oligocarpus* Donn.Sm., *Bot. Gaz.* 16 (7): 194 [20 July 1891] (Donnell Smith 1891), “*oligocarpum*”.

*Aralia ovata* Sessé & Moc., *Fl. Mexic.*, ed. 2, 79 (Sessé & Mociño 1894).

*Oreopanax meiocephalus* Donn.Sm., *Bot. Gaz.* 37 (3): 210 [18 Mar. 1904] (Donnell Smith 1904), “*meiocephalum*”.

*Oreopanax capitatus* var. *minor* Steyerl., *Fieldiana, Bot.* 28 (2): 442 (Steyermark 1952).

NOTE. — *Aralia ovata* also appears in the first edition of *Flora Mexicana* (Sessé & Mociño 1892-1898: 86, as “*Ouata*”), but edition 2 has priority, probably from p. 49 onward (Stafleu & Cowan 1985: TL-2-11756)].

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *O. Poncy* 2866.

SIZE. — Up to 30 m tall (Frodin 1997).

Family ARECACEAE Bercht. & J.Presl  
Genus *Acrocomia* Mart.

[140] *Acrocomia aculeata* (Jacq.) Lodd. ex Mart.

*Hist. Nat. Palm.* 3 (8): 286 [19 Sept 1845] (Martius 1845). — *Cocos aculeata* Jacq., *Select. Stirp. Amer. Hist.* 278 [5 Jan. 1763] (Jacquin 1763), “*aculeatus*”.

*Palma spinosa* Mill., *Gard. Dict.*, ed. 8, n. 3 [16 Apr. 1768] (Miller 1768), *nom. illeg. hom., non* Loeffl. (Loeffling 1758).

*Palma mocaia* Aubl., *Hist. Pl. Guiane* 2: 976 [Jun.-Dec. 1775] (Aublet 1775).

*Bactris globosa* Gaertn., *Fruct. Sem. Pl.* 1: 22 [Dec. 1788] (Gaertner 1788). — *Bactris minor* Gaertn., *Fruct. Sem. Pl.* 1: t. 9, f. 1 [Dec. 1788] (Gaertner 1788), *nom. illeg. hom., non* Jacq. (Jacquin 1780).

*Cocos fusiformis* Sw., *Fl. Ind. Occid.* 1: 616 [Nov. 1797] (Swartz 1797). — *Acrocomia fusiformis* (Sw.) Sweet, *Hort. Brit. [Sweet]* 432 (Sweet 1826).

*Acrocomia sclerocarpa* Mart., *Hist. Nat. Palm.* 2 (3): 66 [after 13 Apr. 1824] (Martius 1824), *nom. illeg. superfl.* (based on *Cocos aculeata*).

*Acrocomia sphaerocarpa* Mart. ex Desf., *Tabl. École Bot.*, ed. 3 [Cat. Pl. Horti Paris.]: 30 (Desfontaines 1829).

*Acrocomia guianensis* Lodd. ex G.Don, *Hort. Brit. [Loudon]*: 382 (Don 1830), *nom. nud.*

*Acrocomia minor* Lodd. ex G.Don, *Hort. Brit. [Loudon]*: 382 (Don 1830).

*Acrocomia globosa* Lodd. ex Mart., *Hist. Nat. Palm.* 3 (8): 286 [19 Sept 1845] (Martius 1845).

*Acrocomia horrida* Lodd. ex Mart., *Hist. Nat. Palm.* 3 (8): 286 [19 Sept 1845] (Martius 1845).

*Acrocomia mexicana* Karw. ex Mart., *Hist. Nat. Palm.* 3 (8): 285 [19 Sept 1845] (Martius 1845).

*Acrocomia tenuifrons* Lodd. ex Mart., *Hist. Nat. Palm.* 3 (8): 286 [19 Sept 1845] (Martius 1845).

*Bactris pavoniana* Mart., *Voy. Amér. MÉR.* 7 (3, Palmiers): 70 (Martius 1847).

*Acrocomia totai* Mart., *Voy. Amér. MÉR.* 7 (3, Palmiers): 78 (Martius 1847).

*Acrocomia lasiospatha* Mart., *Voy. Amér. MÉR.* 7 (3, Palmiers): 81 (Martius 1847).

*Acrocomia cubensis* Lodd. ex H.Wendl., *Index Palm.*: 1 (Wendland 1854).

*Acrocomia vinifera* Oerst., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1858: 47 (Oersted 1859).

*Acrocomia antioquiensis* Posada-Ar., *Bull. Soc. Bot. France* 25: 184 (Posada-Arango 1878).

*Acrocomia zapoteci* H.Wendl., *Palmiers [Kerchove]*: 230 (Wendland 1878), *nom. nud.*

*Acrocomia glaucophylla* Drude, *Fl. Bras. [Martius]* 3 (2): 392 [1 Nov. 1881] (Drude 1881).

*Acrocomia intumescens* Drude, *Fl. Bras. [Martius]* 3 (2): 391 [1 Nov. 1881] (Drude 1881).

*Acrocomia sclerocarpa* var. *wallaceana* Drude, *Fl. Bras. [Martius]* 3 (2): 391 [1 Nov. 1881] (Drude 1881). — *Acrocomia wallaceana* (Drude) Becc., *Pomona Coll. J. Econ. Bot.* 2: 362 (Beccari 1912), *nom. illeg. superfl.* (*Cocos aculeata* Jacq. in synonymy).

*Acrocomia microcarpa* Barb.Rodr., *Vellozia*, ed. 2, 1: 107 (Barbosa Rodrigues 1891).

*Acrocomia mokayayba* Barb.Rodr., *Pl. Jard. Rio de Janeiro* 5: 11 (Barbosa Rodrigues 1896).

*Acrocomia odorata* Barb.Rodr., *Palm. Mattogross.* 48 (Barbosa Rodrigues 1898).

*Acrocomia media* O.F.Cook, *Bull. Torrey Bot. Club* 28 (10): 566 (Cook 1901).

*Acrocomia erioacantha* Barb.Rodr., *Contr. Jard. Bot. Rio de Janeiro* 2: 85 (Barbosa Rodrigues 1902).

*Acrocomia ulei* Dammer, *Notizbl. Königl. Bot. Gart. Berlin* 6: 266 [30 June 1915] (Dammer 1915).

*Acrocomia pilosa* Léon, *Mem. Soc. Cub. Hist. Nat. "Felipe Poey"* 14: 52 (Léon 1940).

*Acrocomia chunta* Covas & Ragonese, *Revista Argent. Agron.* 8: 2 (Covas & Ragonese 1941).

*Acrocomia belizensis* L.H.Bailey, *Gentes Herb.* 4 (12): 445 [30 Sep. 1941] (Bailey 1941).

*Acrocomia hospes* L.H.Bailey, *Gentes Herb.* 4 (12): 449 [30 Sep. 1941] (Bailey 1941).

*Acrocomia ierensis* L.H.Bailey, *Gentes Herb.* 4 (12): 473 [30 Sep. 1941] (Bailey 1941).

*Acrocomia karukerana* L.H.Bailey, *Gentes Herb.* 4 (12): 466 [30 Sep. 1941] (Bailey 1941).

*Acrocomia panamensis* L.H.Bailey, *Gentes Herb.* 4 (12): 444 [30 Sep. 1941] (Bailey 1941).

*Acrocomia quisqueyana* L.H.Bailey, *Gentes Herb.* 4 (12): 471 [30 Sep. 1941] (Bailey 1941).

*Acrocomia subinermis* Léon ex L.H.Bailey, *Gentes Herb.* 4 (12): 474 [30 Sep. 1941] (Bailey 1941).

*Acrocomia antiguana* L.H.Bailey, *Gentes Herb.* 8: 142 (Bailey 1949).

*Acrocomia christopherensis* L.H.Bailey, *Gentes Herb.* 8: 140 (Bailey 1949).

*Acrocomia grenadana* L.H.Bailey, *Gentes Herb.* 8: 144 (Bailey 1949).

*Acrocomia viegasii* L.H.Bailey, *Gentes Herb.* 8: 139 (Bailey 1949).

*Acrocomia spinosa* H.E.Moore, *Gentes Herb.* 9: 238 (Moore 1963).

NOTES. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). In French Guiana, restricted to savannas. Wendland (in Kerchove 1878: 230) mistakenly listed "*Acrocomia Zapotecis* Karw." as a synonym of *A. mexicana* Karw. ex Mart. Actually, Martius' sentence: "*A Zapotecis Jaçangha* [...] *dicitur*" (Martius 1824: 286) only means that "Jaçangha" is the vernacular name of *A. mexicana* for the Zapotecs. The attribution of this "binomial" to L. B. de Karwinsky ("*Acrocomia zapotecis* Karw.") (Wendland in Kerchove 1878: 230) is also a mistake. Karwinsky wrote the name *A. mexicana* on the type specimen that he collected. *Bactris globosa* Gaertn. appears as *B. minor* Gaertn. on plate.

VERNACULAR NAMES. — Ka: mokaya, mukaya • Cr: moukaya • Br: macaúba, mucajá.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville 17664*, dbh 28 cm.

Genus *Astrocaryum* G.Mey.

[141] *Astrocaryum jauari* Mart.

*Hist. Nat. Palm.* 2 (3): 76 [after 13 Apr. 1824] (Martius 1824).

*Astrocaryum guara* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 15 [30 Dec. 1930] (Burret 1930).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Ka: sauwalai • Wn: jawala • Nt: liba awaa • Br: jauari.

HERBARIUM DATA (FG). — No specimen seen. The species is present on the banks of Maroni River, according to Granville & Gayot (2014).

SIZE. — Up to 30 cm dbh (Granville & Gayot 2014).

[142] *Astrocaryum minus* Trail

*J. Bot.* 15: 78 (Trail 1877).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-J. de Granville 17659*.

SIZE. — Up to 12 cm dbh (Granville & Gayot 2014).

[143] *Astrocaryum murumuru* Mart.

*Hist. Nat. Palm.* 2 (3): 70 [after 13 Apr. 1824] (Martius 1824).

*Astrocaryum jauaperyense* Barb.Rodr., *Vellosia* 1: 48 (Barbosa Rodrigues 1888).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana. Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Wp: mulumulu sī • Br: murumuru.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-J. de Granville & F. Kahn 11201*.

SIZE. — Up to 27 cm dbh (Granville & Gayot 2014).

[144] *Astrocaryum rodriguesii* Trail  
(Fig. 10C)

*J. Bot.* 15: 79 (Trail 1877), "*Rodriguezii*".

VERNACULAR NAMES. — Pa: amuu • Wp: patali • Wn: widajimé • Br: tucumã-branco.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost 4921*.

INVENTORY DATA (FG). — 18 trees in 6 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 20.9$  cm.

[145] *Astrocaryum sciophilum* (Miq.) Pulle

*Enum. Vasc. Pl. Surinam* 73 (Pulle 1906). — *Bactris sciophila* Miq., *Natuurk. Verb. Wet. Haarlem*, ser. 2, 7: 208 (Miquel 1851).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kwasii-muumuwa, kwaswe-muumuwa • Ka: mulumulu • Te: mubulu • Wp: mulumulu • Wn: mumu, muumu • Nt: bugu • Cr: mouroumourou • Br: murumuru.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *A.H. Gentry & E.M. Zardini 50232*.

INVENTORY DATA (FG). — 1197 trees in 107 plots;  $F_{\max} = 19.8$  %;  $dbh_{\text{inv}} = 22.3$  cm.

[146] *Astrocaryum vulgare* Mart.

*Hist. Nat. Palm.* 2 (3): 74 [after 13 Apr. 1824] (Martius 1824).

*Astrocaryum awarra* de Vriese, *Jaarb. Kon. Ned. Maatsch. Aann. Tuinb.* 1848: 12 (de Vriese 1848).

*Astrocaryum guianense* Splitg. ex Mart., *Hist. Nat. Palm.* 3 (10): 323 [Jan.-July 1853] (Martius 1853).

*Astrocaryum segregatum* Drude, *Fl. Bras. [Martius]* 3 (2): 382 [1 Nov. 1881] (Drude 1881).

*Astrocaryum tucumoides* Drude, *Fl. Bras. [Martius]* 3 (2): 381 [1 Nov. 1881] (Drude 1881).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: wahatwi • Ka: awala, awala'i • Te: dzawala • Wp: awala • Wn: awala • Nt: awaa • Cr: awara, wara • Br: tucumã-do-Pará.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-J. de Granville 8340*.

SIZE. — Up to 20 cm dbh (Granville & Gayot 2014).

Genus *Attalea* Kunth

[147] *Attalea maripa* (Aubl.) Mart.

*Voy. Amér. MÉR.* 7 (3, Palmiers): 123 (Martius 1847). — *Palma maripa* Aubl., *Hist. Pl. Guiane* 2: 974 [Jun.-Dec. 1775] (Aublet 1775). — *Maximiliana maripa* (Aubl.) Drude, *Fl. Bras. [Martius]* 3 (2): 452 [1 Nov. 1881] (Drude 1881). — *Englerophoenix maripa* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 728 [5 Nov. 1891] (Kuntze 1891). — *Ethnora maripa* (Aubl.) O.F.Cook, *J. Wash. Acad. Sci.* 30: 297 (Cook 1940).

*Maximiliana regia* Mart., *Hist. Nat. Palm.* 2 (4): 132 [Jan.-Mar. 1826] (Martius 1826). — *Englerophoenix regia* (Mart.) Kuntze, *Revis. Gen. Pl.* 2: 728 [5 Nov. 1891] (Kuntze 1891). — *Temenia regia* (Mart.) O.F.Cook, *Natl. Hort. Mag.* 18: 276 (Cook 1939). — *Attalea regia* (Mart.) Wess.Boer, *Indig. Palms Surin.*: 150 (Wessels Boer 1965).

*Maximiliana elegans* H.Karst., *Linnaea* 28: 271 [“1856” publ. Jan. 1857] (Karsten 1857).

*Maximiliana martiana* H.Karst., *Linnaea* 28: 273 [“1856” publ. Jan. 1857] (Karsten 1857).

*Maximiliana caribaea* Griseb. & H.Wendl., *Fl. Brit. W.I. [Grisebach]* 522 [Oct. 1864] (Grisebach & Wendl. 1864). — *Englerophoenix caribaeum* (Griseb. & H.Wendl.) Kuntze, *Revis. Gen. Pl.* 2: 728 [5 Nov. 1891] (Kuntze 1891).

*Scheelea maripa* hort. ex H.Wendl., *Palmiers [Kerchove]* 256 (Wendland 1878), *nom. nud.*

*Maximiliana tetrasticha* Drude, *Fl. Bras. [Martius]* 3 (2): 455 [1 Nov. 1881] (Drude 1881). — *Scheelea tetrasticha* (Drude) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 667 [10 July 1929] (Burret 1929).

*Maximiliana longirostrata* Barb.Rodr., *Vellozia*, ed. 2, 1: 112 (Barbosa Rodrigues 1891). — *Englerophoenix longirostrata* (Barb.Rodr.) Barb.Rodr., *Sert. Palm. Brasil.* 1: 77 (Barbosa Rodrigues 1903).

*Maximiliana macropetala* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 699 [10 July 1929] (Burret 1929). — *Attalea macropetala* (Burret) Wess.Boer, *Indig. Palms Surin.*: 155 (Wessels Boer 1965).

*Maximiliana macrogyne* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 692 [10 July 1929] (Burret 1929).

*Maximiliana stenocarpa* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 696 [10 July 1929] (Burret 1929).

*Attalea cryptantha* Wess.Boer, *Pittieria* 17: 310 (Wessels Boer 1988).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: arawa-kagta, kahikti • Ka: malipa • Te: balipa • Wp: inaya, malipa, malipa tay • Wn: malipa • Nt: maypa • Cr: maripa • Br: anajá, inajá.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: the type from French Guiana (not traced).

INVENTORY DATA (FG). — 49 trees in 30 plots;  $F_{\max} < 1$  %;  $dbh_{\text{inv}} = 32.8$  cm.

Genus *Cocos* L.

[148] *Cocos nucifera* L.

*Sp. Pl.* 2: 1188 [1 May 1753] (Linnaeus 1753). — *Calappa nucifera* (L.) Kuntze, *Revis. Gen. Pl.* 2: 982 [5 Nov. 1891] (Kuntze 1891).

*Palma cocos* Mill., *Gard. Dict.*, ed. 8, n. 2 [16 Apr. 1768] (Miller 1768).

*Cocos mamillaris* Blanco, *Fl. Filip. [F.M. Blanco]* 722 (Blanco 1837).

*Cocos indica* Royle, *Ill. Bot. Himal. Mts.*: 395 (Royle 1840).

*Cocos nana* Griff., *Not. Pl. Asiat.* 3: 166 (Griffith 1851).

*Cocos nucifera* var. *synphyllica* Becc., *Agric. Colon.* 10: 586 (Beccari 1916).

*Diplothemium henryanum* F.Br., *Bull. Bernice P. Bishop Mus.* 84: 128 (Brown 1931).

NOTE. — A species native to the South-West Pacific, introduced and naturalised on all tropical shores.

VERNACULAR NAMES. — Pa: koko • Ka: koko, kokoepu • Te: koko • Wp: koko • Wn: koko • Nt: kokonoto bon, kokoonto bon • Fr: cocotier • Br: cóco, coqueiro.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville 7203*, dbh 25–28 cm.

Genus *Euterpe* Mart.[149] *Euterpe oleracea* Mart.

*Hist. Nat. Palm.* 2 (2): 29 [before 13 Apr. 1824] (Martius 1824).

*Euterpe brasiliensis* Oken, *Allg. Naturgesch.* 3 (1): 674 (Oken 1841).

*Catis martiana* O.F.Cook, *Bull. Torrey Bot. Club* 28 (10): 557 (Cook 1901), “*Martiniana*”, *nom. illeg. superfl.* (based on *Euterpe oleracea*).

*Euterpe badiocarpa* Barb.Rodr., *Contr. Jard. Bot. Rio de Janeiro* 1: 12 (Barbosa Rodrigues 1901).

*Euterpe beardii* L.H.Bailey, *Gentes Herb.* 7: 426 (Bailey 1947).

*Euterpe cuatrecasana* Dugand, *Revista Acad. Colomb. Ci. Exact.* 8 (31): 393 [Dec. 1951] (Dugand 1951).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: was • Ka: wasay, wasei • Te: watsey • Wp: wasay, wasey, wasey iipi manu • Wn: wapu • Nt: pina • Cr: pino, wassay • Br: açai-do-pará.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 8057.

INVENTORY DATA (FG). — 743 trees in 34 plots;  $F_{\max} = 48.7\%$ ;  $dbh_{\text{inv}} = 20.5$  cm.

[150] *Euterpe precatoria* Mart.

*Voy. Amér. MÉR.* 7 (3, Palmiers): 10 (Martius 1847).

*Euterpe oleracea* Engel, *Linnaea* 33: 671 (Engel 1865), *nom. illeg. hom., non Mart.* (Martius 1824).

*Euterpe stenophylla* Trail ex Thurn, *Timehri* 3: 229 (Thurn 1884).

*Euterpe jatapuensis* Barb.Rodr., *Contr. Jard. Bot. Rio de Janeiro* 1: 12 (Barbosa Rodrigues 1901).

*Euterpe subruminata* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 3 [15 Feb. 1940] (Burret 1940).

*Euterpe petiolata* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 101 [15 Feb. 1940] (Burret 1940).

*Euterpe langloisii* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 346 [30 Dec. 1936] (Burret 1936).

*Euterpe confertiflora* L.H.Bailey, *Gentes Herb.* 7: 427 (Bailey 1947).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana. Incipiently domesticated by pre-Columbian Amerindians (Levis *et al.* 2017).

VERNACULAR NAMES. — Ka: wapu • Wp: kusili ape, wasey iipipè'i, wasey si • Wn: wapuimè • Nt: pina • Br: açai-da-mata, juçara.

HERBARIUM DATA (FG). — No specimen seen, present according to (Granville & Gayot 2014).

SIZE. — Up to 25 cm dbh (Granville & Gayot 2014).

Genus *Manicaria* Gaertn.[151] *Manicaria saccifera* Gaertn.

(Fig. 10D)

*Fruct. Sem. Pl.* 2: 468 [Sep.-Dec. 1791] (Gaertner 1791). — *Pilophora saccifera* (Gaertn.) H.Wendl., *Palmiers [Kerchove]* 253 (Wendland 1878).

*Pilophora testicularis* Jacq., *Fragm. Bot.* 32 (Jacquin 1801).

*Manicaria plukenetii* Griseb. & H.Wendl., *Fl. Brit. W.I. [Grisebach]* 518 [Oct. 1864] (Grisebach & Wendland 1864). — *Manicaria saccifera* var. *plukenetii* (Griseb. & H.Wendl.) Drude, *Fl. Bras. [Martius]* 3 (2): 520 [1 May 1882] (Drude 1882).

*Manicaria saccifera* var. *mediterranea* Trail, *J. Bot.* 14: 332 (Trail 1876).

*Manicaria atricha* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 1013 [1 Aug. 1930] (Burret 1930).

VERNACULAR NAMES. — Pa: tuuvan • Ka: tululi • Te: tululi • Wp: tululi • Cr: tourouri • Fr: toulouri • Br: buçú, ubuçu.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-J. de Granville* 10319.

SIZE. — Up to 30 cm dbh (Granville & Gayot 2014).

Genus *Mauritia* L.f.[152] *Mauritia flexuosa* L.f.

*Suppl. Pl.*: 454 [“1781” publ. Apr. 1782] (Linnaeus 1782).

*Sagus americana* Poir., *Encycl. [J. Lamarck et al.]* 6 (2): 395 [28 Aug. 1805] (Poiret 1805).

*Mauritia vinifera* Mart., *Hist. Nat. Palm.* 2 (2): 42 [before 13 Apr. 1824] (Martius 1824).

*Mauritia sagus* Schult. & Schult.f., *Syst. Veg. [Roemer & Schultes]* 7 (2): 1321 [Oct.-Dec. 1830] (Schultes & Schultes 1830), *nom. illeg. superfl.* (based on *Sagus americana*).

*Mauritia setigera* Griseb. & H.Wendl., *Fl. Brit. W.I. [Grisebach]* 515 [Oct. 1864] (Grisebach & Wendland 1864).

*Saguerus americanus* H.Wendl., *Palmiers [Kerchove]* 256 (Wendland 1878), “*americana*”, *nom. nud.*

*Mauritia sphaerocarpa* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 569 [30 Mar. 1929] (Burret 1929).

*Mauritia minor* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 1 [30 Dec. 1930] (Burret 1930).

*Mauritia flexuosa* var. *venezuelana* Steyermark, *Fieldiana, Bot.* 28 (1): 90 (Steyermark 1951).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana. Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). *Saguerus americanus* H.Wendl. (in Kerchove 1878: 256, as “*Saguerus americana* Poir., vide *Mauritia flexuosa* L. f.”) is obviously a mistranscript of *Sagus americana*. Wendland lists “*Sagus americana* Poir.?” as a synonym of *M. flexuosa* (Kerchove 1878: 251). *Sagus americana* Poiret (1805: 395) was based on Aublet’s description of the “Bache” (Aublet 1775, 2[Suppl.]: 103), which did not come with a Latin name nor a formal diagnosis.

VERNACULAR NAMES. — Pa: isao, isau • Ka: mulisi, muliši • Te: bilitsi • Wp: milisi • Wn: koai, kuwai • Nt: moysi • Cr: palmié-bache • Br: buriti.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-J. de Granville 3750*.

SIZE. — Up to 60 cm dbh (Granville & Gayot 2014).

Genus *Oenocarpus* Mart.

[153] *Oenocarpus bacaba* Mart.

*Hist. Nat. Palm.* 2 (1): 24 [Nov. 1823] (Martius 1823).

*Areca bacaba* Arruda, *Trav. Brazil [H. Koster]*: 490 (Arruda 1816), *nom. nud.*

*Oenocarpus hoppii* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 1041 [20 Jan. 1934] (Burret 1934).

*Oenocarpus grandis* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 12: 612 [6 Dec. 1935] (Burret 1935). — *Oenocarpus bacaba* var. *grandis* (Burret) Wess.Boer, *Pittieria* 17: 131 (Wessels Boer 1988).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017), and one of five species whose relative density in tree communities likely indicative of pre-Columbian archeological sites in French Guiana (Molino *et al.* 2021).

VERNACULAR NAMES. — Pa: woki • Ka: kumin, kumu • Te: pindo uhu, wil'a • Wp: a'i pino, pino, pino akusiway, pino e'e, pino tamauwa • Wn: kumu • Nt: komu • Cr: komou • Br: bacaba.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (original material P[P00725199]).

INVENTORY DATA (FG). — 660 trees in 131 plots;  $F_{\max} = 10\%$ ;  $dbh_{\text{inv}} = 31$  cm.

[154] *Oenocarpus bataua* Mart. var. *bataua*

*Hist. Nat. Palm.* 2 (1): 23 [Nov. 1823] (Martius 1823). — *Jessenia bataua* (Mart.) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 300 [30 Mar. 1928] (Burret 1928).

*Jessenia polycarpa* H.Karst., *Linnaea* 28: 388 (Karsten 1857).

*Jessenia repanda* Engl., *Linnaea* 33: 691 (Engler 1865).

*Oenocarpus seje* Cuervo, *Trat. Elem. Bot.*: 458 (Cuervo 1913), *nom. nud.*

*Jessenia weberbaueri* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 840 [30 Dec. 1929] (Burret 1929).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: patawa • Ka: patawa • Te: pataua • Wp: patawa • Nt: afa komu • Cr: patawa • Br: patauaú.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *F. Billet & B. Jadin 1232*.

INVENTORY DATA (FG). — 1140 trees in 147 plots;  $F_{\max} = 7.5\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[155] *Oenocarpus bataua* var. *oligocarpus* (Griseb. & H.Wendl.) A.J.Hend.

*Palms Amazon*: 120 (Henderson 1995), "*oligocarpa*". — *Jessenia oligocarpa* Griseb. & H.Wendl., *Fl. Brit. W.I. [Grisebach]* 516 [Oct. 1864] (Grisebach & Wendland 1864). — *Oenocarpus oligocarpa* (Griseb. & H.Wendl.) Wess.Boer, *Fl. Suriname* 5 (1): 58 (Wessels Boer 1965). — *Jessenia bataua* subsp. *oligocarpa* (Griseb. & H.Wendl.) Balick, *Advances Econ. Bot.* 3: 126 (Balick 1986).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: tavu, tawu • Ka: sapululi, tabululi, tapululi • Wp: tapululi • Cr: gro-komou.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville 3411*.

SIZE. — Up to 40 cm dbh (Granville & Gayot 2014).

Genus *Socratea* H.Karst.

[156] *Socratea exorrhiza* (Mart.) H.Wendl.

*Bonplandia* 8: 103 (Wendland 1860). — *Iriarte exorrhiza* Mart., *Hist. Nat. Palm.* 2 (2): 36 [before 13 Apr. 1824] (Martius 1824), "*exhoriza*".

*Iriarte orbigniana* Blume ex Mart., *Hist. Nat. Palm.* 3 (7): 187 [23 Sep. 1838] (Martius 1838). — *Socratea orbigniana* (Blume ex Mart.) H.Karst., *Linnaea* 28: 264 ["1856" publ. Jan. 1857] (Karsten 1857), "*Orbignyana*". — *Iriarte exorrhiza* var. *orbigniana* (Blume ex Mart.) Drude, *Fl. Bras. [Martius]* 3 (2): 540 [1 May 1882] (Drude 1882).

*Socratea elegans* H.Karst., *Linnaea* 28: 264 ["1856" publ. Jan. 1857] (Karsten 1857). — *Iriarte exorrhiza* var. *elegans* (H.Karst.) Drude, *Fl. Bras. [Martius]* 3 (2): 539 [1 May 1882] (Drude 1882).

*Iriarte durissima* Oerst., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1858: 30 (Oersted 1859). — *Socratea durissima* (Oerst.) H.Wendl., *Bonplandia* 8: 103 (Wendland 1860).

*Iriarte philonotia* Barb.Rodr., *Enum. Palm. Nov.*: 13 (Barbosa Rodrigues 1875). — *Socratea philonotia* (Barb.Rodr.) Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 3 (2): 900 [14 Apr. 1883] (Hooker 1883).

*Socratea macrochlamys* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 918 [30 Mar. 1930] (Burret 1930).

*Socratea microchlamys* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 3 [30 Dec. 1930] (Burret 1930).

*Socratea hoppii* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 232 [10 Nov. 1931] (Burret 1931).

*Socratea gracilis* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 1 [15 Feb. 1940] (Burret 1940).

*Socratea albolineata* Steyerl., *Fieldiana, Bot.* 28 (1): 9 (Steyermark 1951).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: pup • Ka: pasiwi • Te: patši'i • Wp: patši'i • Wn: pëpë • Nt: paasaa • Cr: awara-monpé • Br: paxiúba.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 2415*.

INVENTORY DATA (FG). — 81 trees in 39 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 20$  cm.

Genus *Syagrus* Mart.

[157] *Syagrus inajai* (Spruce) Becc.

*Agric. Colon.* 10: 467 (Beccari 1916). — *Maximiliana inajai* Spruce, *J. Linn. Soc., Bot.* 11: 163 [“1871” publ. Dec. 1869] (Spruce 1869). — *Cocos inajai* (Spruce) Trail, *J. Bot.* 15: 79 (Trail 1877).

*Cocos aequatorialis* Barb.Rodr., *Enum. Palm. Nov.*: 38 (Barbosa Rodrigues 1875).

*Cocos speciosa* Barb.Rodr., *Enum. Palm. Nov.*: 38 (Barbosa Rodrigues 1875). — *Syagrus speciosa* (Barb.Rodr.) Barb.Rodr., *Prot.-App. Enum. Palm. Nov.* 49 (Barbosa Rodrigues 1879). — *Calappa speciosa* (Barb.Rodr.) Kuntze, *Revis. Gen. Pl.* 2: 982 [5 Nov. 1891] (Kuntze 1891).

*Cocos chavesiana* Barb.Rodr. ex Becc., *Malpighia* 1: 445 (Beccari 1887). — *Syagrus chavesiana* (Barb.Rodr. ex Becc.) Barb.Rodr., *Vellozia* 1: 52 (Barbosa Rodrigues 1888).

VERNACULAR NAMES. — Pa: kurip, kwip (adult form), mahayapna (juvenile form) • Te: dzata'i • Wp: malaliapu, malaliapu lo (juvenile form), yata'i (adult form) • Wn: halikuli • Cr: féy-chasèr (juvenile form), parépou-djab (adult form) • Br: inajai, jata, pupunha-de-porco.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 9913.

INVENTORY DATA (FG). — 17 trees in 5 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 13$  cm.

[158] *Syagrus stratincola* Wess.Boer

*Fl. Suriname* 5 (1): 170 (Wessels Boer 1965).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-J. de Granville* 17651.

SIZE. — Up to 10 cm dbh (Granville & Gayot 2014).

Family BIGNONIACEAE Juss.  
Genus *Handroanthus* Mattos

[159] *Handroanthus capitatus* (Bureau & K.Schum.) Mattos

*Loefgrenia* 50: 4 (Mattos 1970). — *Tecoma capitata* Bureau & K.Schum., *Fl. Bras. [Martius]* 8 (2): 337 [15 Feb. 1897] (Bureau & Schumann 1897). — *Tabebuia capitata* (Bureau & K.Schum.) Sandwith, *Recueil Trav. Bot. Néerl.* 34: 226 (Sandwith 1937).

*Tecoma leucoxydon* (L.) Mart. ex DC. var. *miquelii* A.DC., *Prodr. [A. P. de Candolle]* 9: 219 [1 Jan. 1845] (Candolle 1845).

*Tabebuia glomerata* Urb., *Repert. Spec. Nov. Regni Veg.* 14: 305 (Urban 1916).

*Tabebuia hypolepra* Sprague & Sandwith, *Bull. Misc. Inform. Kew* 1932 (1): 25 [23 Feb. 1932] (Sprague & Sandwith 1932).

VERNACULAR NAMES. — Pa: kwik-kamwi • Ka: alawani, alawone • Wp: waiwī'i • Cr: débenn-vert, lébenn-vert • Br: pau-d'arco.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5025.

INVENTORY DATA (FG). — 11 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 93.1$  cm.

[160] *Handroanthus impetiginosus* (Mart. ex DC.) Mattos

*Loefgrenia* 50: 2 (Mattos 1970). — *Tecoma impetiginosa* Mart., *Syst. Mat. Med. Veg. Bras.* 54 (Martius 1843), *nom. nud.* — *Tecoma impetiginosa* Mart. ex DC., *Prodr. [A. P. de Candolle]* 9: 218 [1 Jan. 1845] (Candolle 1845). — *Tabebuia impetiginosa* (Mart. ex DC.) Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 176 (Standley 1936).

*Tabebuia avellanadae* Lorentz ex Griseb., *Symb. Fl. Argent.*: 258 (Grisebach 1879). — *Gelsemium avellanadae* (Lorentz ex Griseb.) Kuntze, *Revis. Gen. Pl.* 3 (3): 245 [28 Sep. 1898] (Kuntze 1898). — *Tecoma avellanadae* (Lorentz ex Griseb.) Speg., *Anal. Soc. Rural Argent. (Cat. Descr. Maderas)*: 379 (Spegazzini 1910). — *Handroanthus avellanadae* (Lorentz ex Griseb.) Mattos, *Loefgrenia* 50: 3 (Mattos 1970).

*Tabebuia palmeri* Rose, *Contr. U.S. Natl. Herb.* 1 (4): 109 [30 June 1891] (Rose 1891).

*Tecoma adenophylla* K.Schum., *Fl. Bras. [Martius]* 8 (2): 412 [15 Feb. 1897] (Bureau & Schumann 1897).

*Tecoma ipe* Mart. ex K.Schum. var. *integrifolia* Hassl., *Revista Inst. Parag.* 3: 166 (Hassler 1901), *nom. nud.*

*Tecoma ipe* var. *integra* Sprague, *Bull. Herb. Boissier, sér. 2*, 5: 86 (Sprague 1905). — *Tecoma integra* (Sprague) Chodat, *Bull. Soc. Bot. Genève, sér. 2*, 9: 242 (Chodat 1917), “*integrum*”. — *Tabebuia ipe* (Mart. ex K.Schum.) Standl. var. *integra* (Sprague) Sandwith, *Lloydia* 2 (3): 213 (Sandwith 1939).

*Tecoma ipe* f. *leucotricha* Hassl., *Repert. Spec. Nov. Regni Veg.* 9: 60 (Hassler 1910).

*Tabebuia nicaraguensis* S.F.Blake, *Contr. Gray Herb.*, n.s., 52: 95 (Blake 1917).

*Tecoma avellanadae* var. *alba* Lillo, *Seg. Contr. Conoc. Arbol. Argent.*: 13 (Lillo 1917).

*Tabebuia dugandii* Standl., *Trop. Woods* 36: 17 (Standley 1933).

*Tabebuia schunkevigoi* D.R.Simpson, *Fieldiana, Bot.* 36 (1): 1 (Simpson 1972).

VERNACULAR NAMES. — Nt: lebi giin ati • Cr: lébenn-ròz • Fr: ébène rose, ébène soufrée • Br: pau-d'arco-roxo.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *S. Gonzalez* 1093.

INVENTORY DATA (FG). — 12 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[161] *Handroanthus obscurus* (Bureau & K.Schum.) Mattos

*Loefgrenia* 50: 4 (Mattos 1970). — *Tecoma obscura* Bureau & K.Schum., *Fl. Bras. [Martius]* 8 (2): 343 [15 Feb. 1897] (Bureau &

Schumann 1897). — *Tabebuia obscura* (Bureau & K.Schum.) Sandwith, *Recueil Trav. Bot. Néerl.* 34: 226 (Sandwith 1937).

*Tabebuia subtilis* var. *schultesiana* Sandwith, *Bot. Mus. Leaflet* 17 (3): 96 [21 Nov. 1955] (Sandwith 1955). — *Tabebuia obscura* var. *schultesiana* (Sandwith) Sandwith, *Mutisia* 25: 16 (Sandwith 1956).

HERBARIUM DATA (FG). — A single collection, *C. Feuillet 1122*.

SIZE. — Venezuela, Amazonas. *G. Davidse 27581* (MO), 10 m.

[162] *Handroanthus serratifolius* (Vahl) S.O.Grose

*Syst. Bot.* 32 (3): 666 [1 July 2007] (Grose 2007). — *Bignonia serratifolia* Vahl, *Ecol. Amer.* 2: 46 (Vahl 1798). — *Tabebuia serratifolia* (Vahl) G.Nicholson, *Ill. Dict. Gard.* 7: 1 (Nicholson 1887).

*Bignonia flavescens* Vell., *Fl. Flumin.* 252 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829). — *Tecoma flavescens* (Vell.) Mart. ex DC., *Prodr. [A. P. de Candolle]* 9: 216 [1 Jan. 1845] (Candolle 1845). — *Handroanthus flavescens* (Vell.) Mattos, *Loefgrenia* 50: 2 (Mattos 1970).

*Bignonia araliacea* Cham., *Linnaea* 7: 683 (Chamisso 1832). — *Tecoma araliacea* (Cham.) DC., *Prodr. [A. P. de Candolle]* 9: 221 [1 Jan. 1845] (Candolle 1845). — *Gelsemium araliaceum* (Cham.) Kuntze, *Revis. Gen. Pl.* 3 (2): 245 [28 Sep. 1898] (Kuntze 1898). — *Tabebuia araliacea* (Cham.) Morong & Britton, *Ann. New York Acad. Sci.* 7: 190 (Morong & Britton 1893). — *Handroanthus araliaceus* (Cham.) Mattos, *Loefgrenia* 50: 2 (Mattos 1970).

*Tecoma speciosa* DC., *Prodr. [A. P. de Candolle]* 9: 218 [1 Jan. 1845] (Candolle 1845). — *Gelsemium speciosum* (DC.) Kuntze, *Revis. Gen. Pl.* 3 (3): 245 [28 Sep. 1898] (Kuntze 1898).

*Tecoma conspicua* DC., *Prodr. [A. P. de Candolle]* 9: 221 [1 Jan. 1845] (Candolle 1845). — *Bignonia conspicua* Rich. ex DC., *Prodr. [A. P. de Candolle]* 9: 221 [1 Jan. 1845] (Candolle 1845), *nom. nud. pro syn.*

*Tecoma patrisiana* DC., *Prodr. [A. P. de Candolle]* 9: 221 [1 Jan. 1845] (Candolle 1845).

*Tecoma nigricans* Klotzsch ex M.R.Schomb., *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1159 [“1848” publ. 7-10 Mar. 1849] (Schomburgk 1849), *nom. nud.*

*Tecoma atractocarpa* Bureau & K.Schum., *Fl. Bras. [Martius]* 8 (2): 326 [15 Feb. 1897] (Bureau & Schumann 1897). — *Handroanthus atractocarpus* (Bureau & K.Schum.) Mattos, *Loefgrenia* 50: 2 (Mattos 1970).

*Tabebuia monticola* Pittier, *Cat. Fl. Venez. [Pittier]* 2: 409 (Pittier 1947), *nom. nud.*

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kwik • Ka: alawani, alawone • Te: tadju • Wp: tayi • Wn: alaone, alawone • Nt: giin ati • Cr: débenn-vert, lébenn • Fr: ébène verte • Br: ipê, pau-d’arco-amarelo.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material of *Tecoma patrisiana*: G-DC, G00133858).

INVENTORY DATA (FG). — 54 trees in 33 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 110$  cm.

[163] *Handroanthus subtilis*  
(Sprague & Sandwith) S.O.Grose  
(Fig. 11A)

*Syst. Bot.* 32 (3): 666 [1 July 2007] (Grose 2007). — *Tabebuia subtilis* Sprague & Sandwith, *Bull. Misc. Inform. Kew* 1932 (1): 23 [23 Feb. 1932] (Sprague & Sandwith 1932).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4826*.

INVENTORY DATA (FG). — 19 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.3$  cm.

Genus *Jacaranda* Juss.

[164] *Jacaranda copaia* (Aubl.) D.Don subsp. *copaia*

*Edinburgh Philos. J.* 9 (18): 267 [Oct. 1823] (Don 1823). — *Bignonia copaia* Aubl., *Hist. Pl. Guiane* 2: 650 [Jun.-Dec. 1775] (Aublet 1775), “*Copaia*”. — *Bignonia procera* Willd., *Sp. Pl.*, ed. 4 3 (1): 307 (Willdenow 1800), *nom. illeg. superfl.* (based on *Bignonia copaia*). — *Jacaranda procera* R.Br., *Bot. Mag.* 49: t. 2327 (Brown 1822), *nom. illeg. superfl.* (based on *Bignonia copaia*).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: pada • Ka: kopaya, kupaiya, kupaya • Te: mee’i • Wp: mapili poá, pala’i • Wn: kupahja, kupaja • Nt: fayaati, feyati, yasimanbo • Cr: koupaya • Fr: copaia, faux simarouba • Br: caroba, pará-pará.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet 32* (original material P-Ad.[P00320334]).

INVENTORY DATA (FG). — 374 trees in 146 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 69.4$  cm.

[165] *Jacaranda copaia* subsp. *spectabilis*  
(Mart. ex DC.) A.H.Gentry

*Rhodora* 79: 441 (Gentry 1977). — *Jacaranda spectabilis* Mart. ex DC., *Prodr. [A. P. de Candolle]* 9: 229 [1 Jan. 1845] (Candolle 1845). — *Jacaranda copaia* var. *spectabilis* (Mart. ex DC.) Bureau ex Bureau & K.Schum., *Fl. Bras. [Martius]* 8 (2): 387 [15 Feb. 1897] (Bureau & Schumann 1897).

*Jacaranda copaia* var. *paraensis* Huber, *Bull. Soc. Bot. Genève*, sér. 2, 6: 202 [“1914” publ. 1915] (Huber 1915). — *Jacaranda paraensis* (Huber) Vattimo, *Rodriguésia* 29 (42): 285 (Vattimo 1977).

*Jacaranda superba* Pittier, *Bol. Soc. Venez. Ci. Nat.* 6 (41): 19 [“1939” publ. 1940] (Pittier 1940).

*Jacaranda amazonensis* Vattimo, *Rodriguésia* 29 (44): 231 (Vattimo 1978).

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost 1119*.

SIZE. — Up to 45 cm dbh (Gentry 1992).

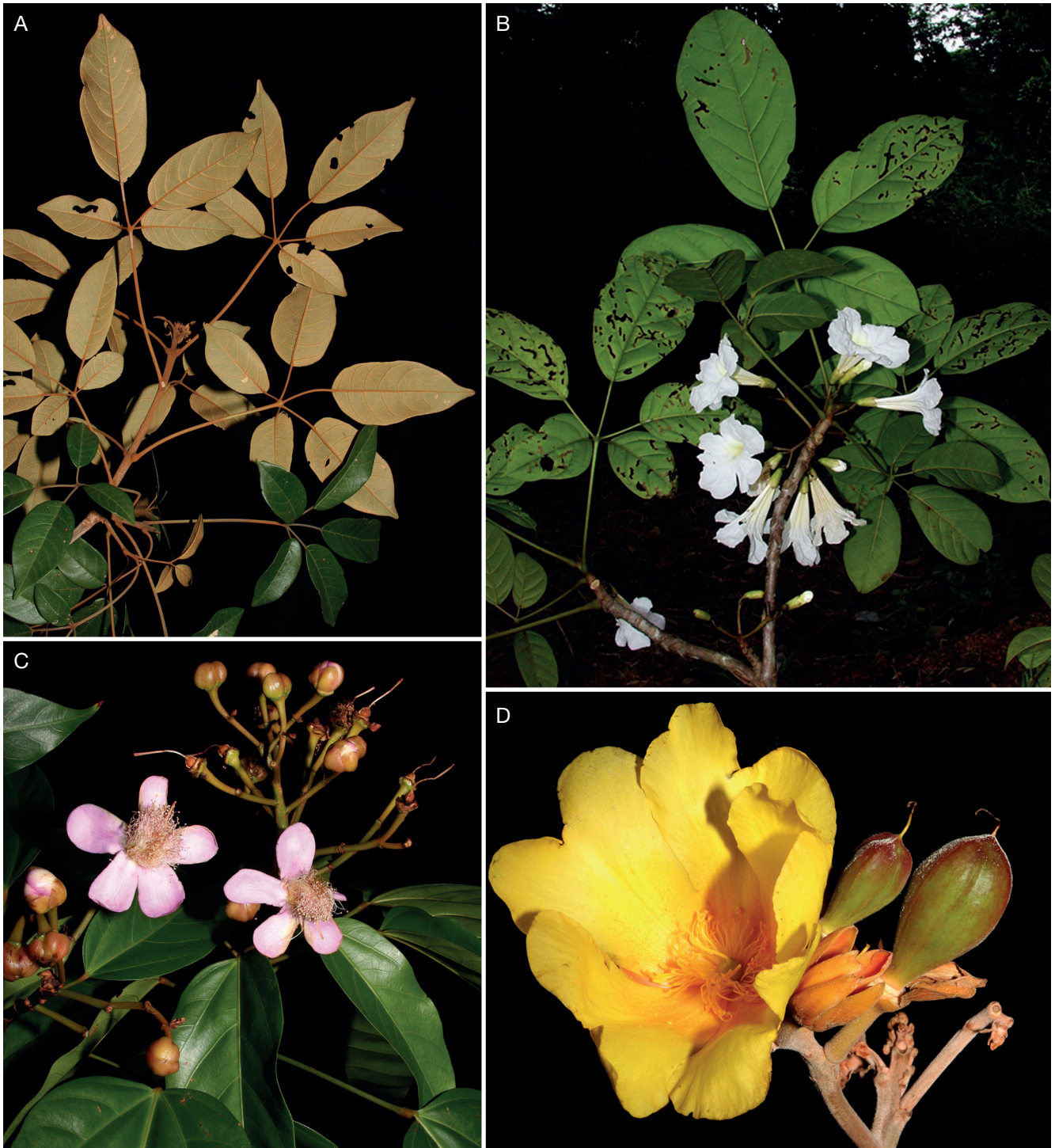


FIG. 11. — Bignoniaceae: **A**, *Handroanthus subtilis* (Sprague & Sandwith) S.O.Grose (D. Sabatier & E. Fonty 5588); **B**, *Tabebuia insignis* (Miq.) Sandwith (M.-F. Prévost & D. Sabatier 4818). Bixaceae: **C**, *Bixa* sp. A (D. Sabatier & J.-F. Molino 5609); **D**, *Cochlospermum orinocense* (Kunth) Steud. (D. Sabatier & J.-F. Molino 5070). © D. Sabatier/IRD.

[166] *Jacaranda duckei* Vattimo

*Rodriguésia* 36 (59): 79 (Vattimo 1984).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: A.H. Gentry & C. Feuillet 63218.

SIZE. — Up to 12 m tall (Gentry 1992).

[167] *Jacaranda obtusifolia* Bonpl.  
subsp. *rhombifolia* (G.Mey.) A.H.Gentry

*Mem. New York Bot. Gard.* 29: 257 (Gentry 1978). — *Jacaranda rhombifolia* G.Mey., *Prim. Fl. Esseq.*: 213 [Nov. 1818] (Meyer 1818). — *Jacaranda filicifolia* D.Don, *Edinburgh Philos. J.* 9 (18): 266 [Oct. 1823] (Don 1823), *nom. illeg. superfl.* (based on *Jacaranda rhombi-*



*folia*). — *Jacaranda obtusifolia* var. *rhombofolia* (G.Mey.) Sandwith, *Kew Bull.* 8 (4): 458 [“1953” publ. 2 Jan. 1954] (Sandwith 1954).

*Bignonia filicifolia* A.Anderson, *Trans. Soc. London Encour. Arts* 25: 200 (Anderson 1807), *nom. nud.*

*Jacaranda filicifolia* var. *puberula* K.Schum., *Fl. Bras. [Martius]* 8 (2): 390 [15 Feb. 1897] (Schumann 1897).

VERNACULAR NAMES. — Ka: arisisi’i, woto kolalu.

HERBARIUM DATA (FG). — A single collection, *M.-F. Prévost* 1718.

SIZE. — Up to 15 m tall (Gentry 1992).

Genus *Tabebuia* Gomes ex DC.

[168] *Tabebuia fluviatilis* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 9: 215 [1 Jan. 1845] (Candolle 1845). — *Bignonia fluviatilis* Aubl., *Hist. Pl. Guiane* 2: 655 [Jun.-Dec. 1775] (Aublet 1775). — *Zeyheria fluviatilis* (Aubl.) Miq., *Flora* 25 (2): 431 (Miquel 1842). — *Couralia fluviatilis* (Aubl.) Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 15 [Aug.-Sep. 1842] (Splitgerber 1842). — *Tecoma fluviatilis* (Aubl.) Miq., *Stirp. Surinam. Select.*: 121 [“1850” publ. Mar. 1851] (Miquel 1851). — *Potamoxylon fluviatile* (Aubl.) Pichon, *Bull. Soc. Bot. France* 92 (9): 228 (Pichon 1945).

*Bignonia aquatilis* E.Mey., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 780 (Meyer 1825). — *Tecoma aquatilis* (E.Mey.) DC., *Prodr. [A. P. de Candolle]* 9: 225 [1 Jan. 1845] (Candolle 1845). — *Tabebuia aquatilis* (E.Mey.) Sprague & Sandwith, *Bull. Misc. Inform. Kew* 1932 (1): 21 [23 Feb. 1932] (Sprague & Sandwith 1932).

*Bignonia digitata* E.Mey., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 782 (Meyer 1825). — *Zeyheria digitata* (E.Mey.) Miq., *Flora* 25 (2): 431 (Miquel 1842).

*Tecoma meyeriana* A.DC., *Prodr. [A. P. de Candolle]* 9: 221 [1 Jan. 1845] (Candolle 1845).

VERNACULAR NAMES. — Pa: waravru-kamwi-seine • Ka: pandalan • Cr: bwa-blanché.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.B. Aublet* 200 (original material P-Ad., not seen); *R.A.A. Oldeman B-884*: 7 m × 23 cm.

[169] *Tabebuia insignis* (Miq.) Sandwith  
(Fig. 11B)

*Recueil Trav. Bot. Néerl.* 34: 224 (Sandwith 1937). — *Tecoma insignis* Miq., *Stirp. Surinam. Select.*: 122 [“1850” publ. Mar. 1851] (Miquel 1851). — *Gelsemium insigne* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 480 [5 Nov. 1891] (Kuntze 1891).

*Bignonia dura* Klotzsch ex R.Knuth, *Repert. Spec. Nov. Regni Veg. Beih.* 43: 638 (Knuth 1827), *nom. nud.*

*Tecoma dura* Bureau & K.Schum., *Nat. Pflanzenfam. [Engler & Prantl]* 4 (3b): 238 (Bureau & Schumann 1894). — *Tabebuia dura* (Bureau & K.Schum.) Sprague & Sandwith, *Bull. Misc. Inform. Kew* 1932 (1): 21 [23 Feb. 1932] (Sprague & Sandwith 1932). — *Handroanthus durus* (Bureau & K.Schum.) Mattos, *Loefgrenia* 50: 4 (Mattos 1970).

*Tabebuia roraimae* Oliv., *Timehri* 5: 201 (Oliver 1886). — *Tecoma roraimae* (Oliv.) K.Schum., *Nat. Pflanzenfam. [Engler & Prantl]* 4 (3b): 238 (Schumann 1894).

*Tecoma leucoxydon* (L.) Mart. ex DC. var. *salpingophora* Bureau & K.Schum., *Fl. Bras. [Martius]* 8 (2): 342 [15 Feb. 1897] (Bureau & Schumann 1897).

*Tecoma albiflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 175 (Ducke 1925).

VERNACULAR NAMES. — Pa: kwik-kamwi, kwik-marikasmategene • Ka: kupayalan, panda, pokata • Cr: bwa-blanché • Br: capitari, ipê-branco-do-brejo.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 4818.

INVENTORY DATA (FG). — 50 trees in 19 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 85.9$  cm.

[170] *Tabebuia stenocalyx* Sprague & Stapf

*Bull. Misc. Inform. Kew* 1910 (6): 196 (Sprague & Stapf 1910).

HERBARIUM DATA (FG). — A single collection, *R.S. Cowan* 38837 (MO).

SIZE. — Up to 25 m tall (Gentry 1992).

Family BIXACEAE Kunth  
Genus *Bixa* L.

[171] *Bixa arborea* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 87 (Huber 1910).

VERNACULAR NAMES. — Pa: ihap-kamwi • Wp: uluku tawa • Br: urucu-da-mata.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & P. Birnbaum* 4451.

INVENTORY DATA (FG). — 5 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.9$  cm.

[172] *Bixa* sp. A  
(Fig. 11C)

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *B. Du-trève* 489,  $dbh = 14$  cm.

Genus *Cochlospermum* Kunth

[173] *Cochlospermum orinocense* (Kunth) Steud.  
(Fig. 11D)

*Nomencl. Bot. [Steudel]*, ed. 2, 1: 393 (Steudel 1840). — *Bombax orinocense* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 301 [June 1822] (Kunth 1822). — *Wittelsbachia orinocensis* (Kunth) Mart., *Nova genera et species plantarum [Martius]* 1 (4): 83 [“1824” publ. Jan.-Mar. 1826] (Martius 1826). — *Maximiliana orinocensis* (Kunth) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Cochlospermum parkeri* Planch., *London J. Bot.* 6: 310 (Planchon 1847). — *Maximiliana parkeri* (Planch.) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Cochlospermum parvifolium* Planch., *London J. Bot.* 6: 311 (Planchon 1847), “parviaefolium”. — *Maximiliana parvifolia* (Planch.) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891), “pawiaefolia”.

*Cochlospermum wentii* Pulle, *Enum. Vasc. Pl. Surinam*: 310 (Pulle 1906).

*Cochlospermum williamsii* J.F. Macbr., *Candollea* 5: 388 (Macbride 1934), “*Cochleospermus Williamsii*”.

NOTE. — A species found only on the edges of inselbergs.

VERNACULAR NAMES. — Pa: sirisiri, wakáu-dariu • Wp: mǎũ'i sili • Cr: koton-périch • Br: algodão-do-mato, castanha-de-periquito, periquiteira-da-terra-firme, siri-siri.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5070, dbh 25 cm.

Family BURSERACEAE Kunth  
Genus *Dacryodes* Vahl

[174] *Dacryodes cuspidata* (Cuatrec.) Daly

*Brittonia* 41 (1): 25 (Daly 1989). — *Trattinnickia cuspidata* Cuatrec., *Webbia* 12 (2): 423 (Cuatrecasas 1957).

VERNACULAR NAMES. — Nt: aluau.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *M.-F. Prévost* & *D. Sabatier* 2625.

INVENTORY DATA (FG). — 106 trees in 43 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 86$  cm.

[175] *Dacryodes decidua* Daly & M.C. Martínez

*Brittonia* 71 (2): 206 (Daly & Martínez 2019).

HERBARIUM DATA (FG). — 1 collection at CAY. Sel. exs.: *D. Loubry* 1224 (holo-, NY[01076225, 01076226]; iso-, CAY[CAY115397, CAY115398]), dbh = 50 cm.

[176] *Dacryodes nitens* Cuatrec.

*Trop. Woods* 106: 64 (Cuatrecasas 1957).

VERNACULAR NAMES. — Pa: araksim, sedri-seine • Te: waluwa'i • Wp: ayawa sili • Nt: gaan moni • Br: caranha.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *D. Sabatier* 1196.

INVENTORY DATA (FG). — 155 trees in 72 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 49.7$  cm.

[177] *Dacryodes oblongipetala* Daly & M.C. Martínez

*Brittonia* 71 (2): 213 (Daly & Martínez 2019).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *R.A.A. Oldeman* B-3097.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.7$  cm.

[178] *Dacryodes roraimensis* Cuatrec.

*Trop. Woods* 106: 62 (Cuatrecasas 1957).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori* & *T.D. Pennington* 17983.

SIZE. — Up to 40 m tall (Daly 1997).

[179] *Dacryodes villosa* Daly & M.C. Martínez

*Brittonia* 71 (2): 223 (Daly & Martínez 2019).

NOTES. — Known only from French Guiana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3382 (holo-, NY[03231016, 03231017]; iso-, CAY[CAY081853]), dbh = 80 cm.

[180] *Dacryodes* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5555.

INVENTORY DATA (FG). — 25 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 85$  cm.

Genus *Protium* Burm.f.

[181] *Protium altissimum* (Aubl.) Marchand  
(Fig. 12A)

*Adansonia* [Baillon] 8: 51 (Marchand 1867). — *Icica altissima* Aubl., *Hist. Pl. Guiane* 1: 342 [Jun.-Dec. 1775] (Aublet 1775). — *Amyris altissima* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 336 [Mar. 1799] (Willdenow 1799). — *Elaphrium altissimum* (Aubl.) Spreng. ex D. Dietr., *Syn. Pl. [D. Dietrich]* 2: 1272 [1-20 Dec. 1840] (Dietrich 1840). — *Bursera altissima* (Aubl.) Baill., *Hist. Pl. [Baillon]* 5: 297 [June 1874] (Baillon 1874). — *Tingulonga altissima* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891). — *Tetragastris altissima* (Aubl.) Swart, *Recueil Trav. Bot. Néerl.* 39: 413 (Swart 1942). — *Protium excelsior* Byng & Christenh., *Global Fl.* 4: 140 [9 Feb. 2018] (Byng & Christenhuz 2018), *nom. illeg. superfl.* (based on *Icica altissima*).

*Tetragastris phanerosepala* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 209 [27 June 1932] (Sandwith 1932).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ayay, ayay-wahuyo • Ka: pilika • Te: dzadza'i • Wp: yaya'i, yaya'i sī • Wn: aimalaje, simajali • Nt: lebi sali • Cr: bwa-yaya, lansan-rouj, lansan-roz, sèd-bagas • Fr: cèdre

bagasse, cèdre blanc (*vide* Aublet 1775) • Br: almesclão, breu-grande, breu-manga.

HERBARIUM DATA (FG). — 218 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[not seen], designated by Swart [1942: 415]); *B.M. Boom & S.A. Mori* 2222.

INVENTORY DATA (FG). — 894 trees in 80 plots;  $F_{\max} = 24.1\%$ ;  $dbh_{\text{inv}} = 105$  cm.

[182] *Protium altsonii* Sandwith

*Bull. Misc. Inform. Kew* 1928 (9): 369 [25 Oct. 1928] (Sandwith 1928).

*Protium puberulentum* Steyerf., *Fieldiana, Bot.* 28 (2): 276 (Steyerf. 1952).

*Protium paraense* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 4 (Cuatrecasas 1961).

VERNACULAR NAMES. — Pa: marinaiwa-wašiuñó • Br: breu-branco.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3983.

INVENTORY DATA (FG). — 22 trees in 8 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 40.4$  cm.

[183] *Protium amazonicum* (Cuatrec.) Daly

*Fl. Venez. Guayana* 3: 713 (Daly 1997). — *Paraprotium amazonicum* Cuatrec., *Bot. Mus. Leaflet* 18 (4): 156 [4 Apr. 1958] (Cuatrecasas 1958).

*Protium fimbriatum* Swart, *Acta Bot. Neerl.* 15: 48 (Swart 1966).

NOTE. — Hyperdominant in Amazonia (ter Steege et al. 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman* 1862.

SIZE. — Brazil, Amazonas. *C.A. Cid Ferreira* 6948 (MO), 18 m × 25 cm.

[184] *Protium apiculatum* Swart

*Recueil Trav. Bot. Néerl.* 39: 201 (Swart 1942).

*Protium firmum* Swart, *Acta Bot. Neerl.* 15: 49 (Swart 1966).

NOTES. — Hyperdominant in Amazonia (ter Steege et al. 2020), and one of five species whose relative density in tree communities likely indicative of pre-Columbian archeological sites in French Guiana (Molino et al. 2021).

VERNACULAR NAMES. — Pa: ahuwahu, auwau, auwau-purubumna, ayao, ayau • Wp: ii, waluwai, waluwai pilá, waluwai sî • Nt: lebi moni, sali • Cr: bwa-lansan • Fr: encens • Br: breu-vermelho.

HERBARIUM DATA (FG). — 143 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4426.

INVENTORY DATA (FG). — 307 trees in 82 plots;  $F_{\max} = 6.4\%$ ;  $dbh_{\text{inv}} = 54.1$  cm.

[185] *Protium aracouchini* (Aubl.) Marchand

*Adansonia* [Baillon] 8: 51 (Marchand 1867). — *Icica aracouchini* Aubl., *Hist. Pl. Guiane* 1: 343 [Jun.-Dec. 1775] (Aublet 1775). — *Bursera aracouchini* (Aubl.) Baill., *Traité Bot. Méd. Phan.* 2: 951 [Mar. 1884] (Baillon 1884), “*Aracouchil*”. — *Tingulonga aracouchini* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891). — *Amyris heterophylla* Willd., *Sp. Pl.*, ed. 4 2 (1): 335 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Icica aracouchini*). — *Icica heterophylla* DC., *Prodr. [A. P. de Candolle]* 2: 77 [mid Nov. 1825] (Candolle 1825), *nom. illeg. superfl.* (based on *Icica aracouchini*). — *Elaphrium heterophyllum* Spreng. ex D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1271 [1-20 Dec. 1840] (Dietrich 1840), *nom. illeg. superfl.* (based on *Amyris heterophylla*, thus indirectly on *Icica aracouchini*).

*Protium divaricatum* Engl. var. *intermedium* Swart, *Recueil Trav. Bot. Néerl.* 39: 199 (Swart 1942).

*Protium aracouchini* var. *angustifolium* Swart, *Acta Bot. Neerl.* 15: 45 (Swart 1966).

VERNACULAR NAMES. — Pa: marinaiwa • Ka: alakuseli, alakušini • Wn: alakuseli.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN[LINN-HS 672.2]).

INVENTORY DATA (FG). — 23 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.2$  cm.

[186] *Protium calendulinum* Daly

*Brittonia* 59 (1): 7 (Daly 2007).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 1912.

INVENTORY DATA (FG). — 1 tree, dbh = 15 cm.

[187] *Protium cuneatum* Swart

*Recueil Trav. Bot. Néerl.* 39: 191 (Swart 1942).

VERNACULAR NAMES. — Pa: ahuwahu, auwau • Ka: pilika • Wp: waluwai sî • Nt: tongi moni • Cr: bwa-lansan • Fr: encens.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2198, dbh = 48 cm.

INVENTORY DATA (FG). — 40 trees in 16 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 45.6$  cm.

[188] *Protium decandrum* (Aubl.) Marchand

*Adansonia* [Baillon] 8: 51 (Marchand 1867). — *Icica decandra* Aubl., *Hist. Pl. Guiane* 1: 346 [Jun.-Dec. 1775] (Aublet 1775), “*Pentandra*” on plate. — *Amyris decandra* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 336 [Mar. 1799] (Willdenow 1799). — *Elaphrium decandrum* (Aubl.) Spreng. ex D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1271 [1-20 Dec. 1840] (Dietrich 1840). — *Bursera decandra* (Aubl.) Baill., *Hist. Pl. [Baillon]* 5: 262, 297 [June 1874] (Baillon 1874).

*Icica enneandra* Aubl., *Hist. Pl. Guiane* 1: 345 [Jun.-Dec. 1775] (Aublet 1775). — *Amyris enneandra* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 335 [Mar. 1799] (Willdenow 1799). — *Elaphrium*

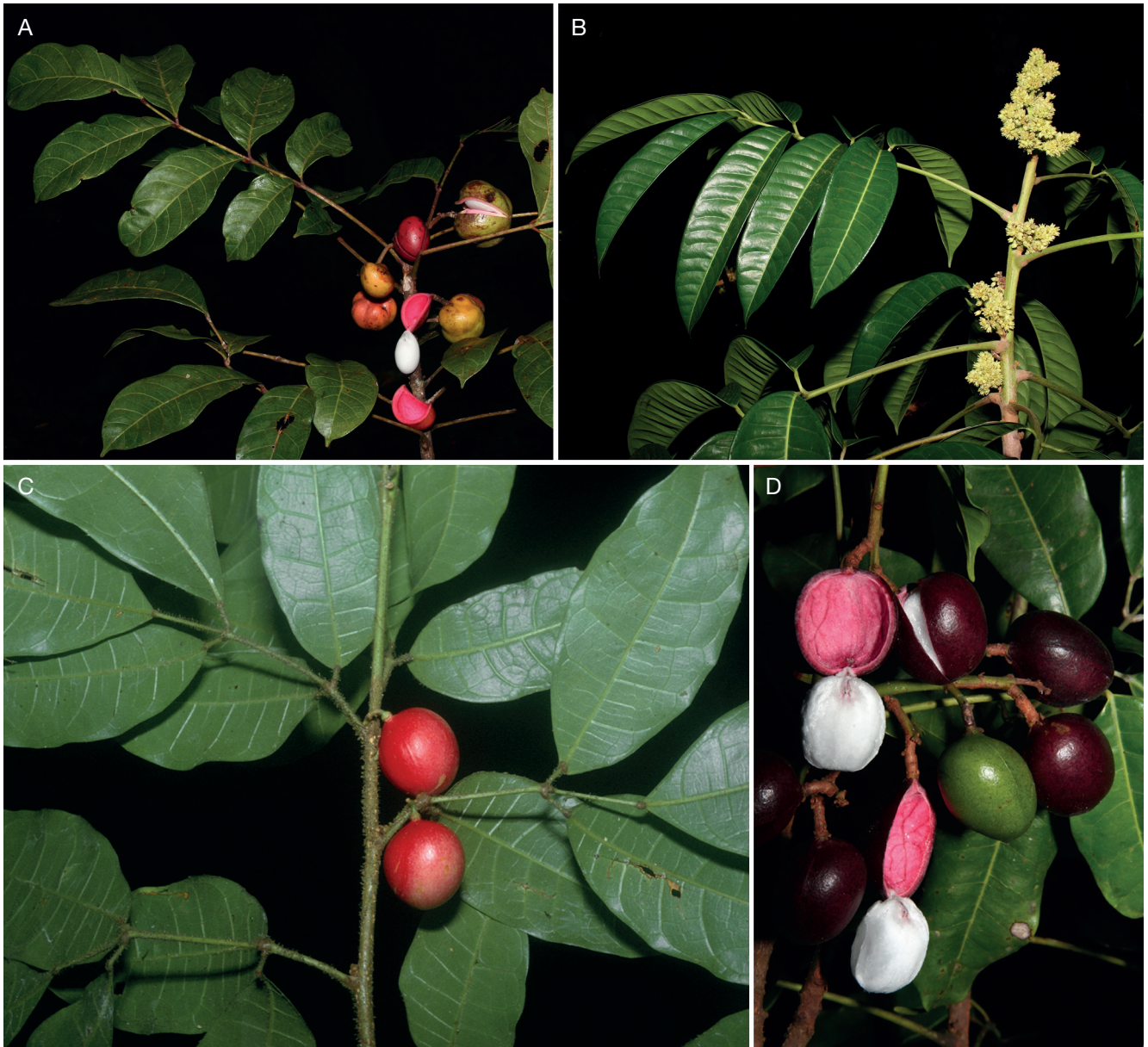


FIG. 12. — Burseraceae: **A**, *Protium altissimum* (Aubl.) Marchand (D. Sabatier & J.-F. Molino 5203); **B**, *Protium morii* Daly (M.-F. Prévost & D. Sabatier 4952); **C**, *Protium trifoliolatum* Engl. (M.-F. Prévost et al. 4484); **D**, *Protium polybotryum* (Turcz.) Engl. (D. Sabatier & J.-F. Molino 5201). A, B, D, © D. Sabatier/IRD; C, © M.-F. Prévost/IRD.

*enneandrum* (Aubl.) Spreng. ex D.Dietr., *Syn. Pl. [D. Dietrich] 2*: 1271 [1-20 Dec. 1840] (Dietrich 1840). — *Tingulonga enneandra* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 107 [5 Nov. 1891] (Kuntze 1891). — *Protium schomburgkianum* Engl., *Fl. Bras. [Martius] 12* (2): 276 [1 Sep. 1874] (Engler 1874), *nom. illeg. superfl.* (based on *Icica enneandra*).

*Protium orinocense* Rusby, *Descr. S. Amer. Pl.* 35 [20 Dec. 1920] (Rusby 1920).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ahuwahu, auwau, marinaiwa, sirasira, sirasra • Ka: alakuseli, aliwa'u, šipyá, sipyo, šipyo • Nt: tingi moni • Cr: bwa-lansan • Fr: encens • Br: breu-preto, breu-vermelho.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Icica enneandra*: LINN, LINN-HS 672.4).

INVENTORY DATA (FG). — 204 trees in 49 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 48.2$  cm.

[189] *Protium demerarense* Swart

*Acta Bot. Neerl.* 15: 46 (Swart 1966).

VERNACULAR NAMES. — Ka: alakuseli, šipyá, sipyo, šipyo • Nt: moni. HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *S.A. Mori et al. 24011*.

INVENTORY DATA (FG). — 76 trees in 15 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 52$  cm.

[190] *Protium divaricatum* Engl. subsp. *fumarium* Daly

*Brittonia* 44 (3): 294 (Daly 1992).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Br: breu-cicantá.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *S.A. Mori & T.D. Pennington 18034* (holo-, NY[00345683]; iso-, CAY, MG[MG126679], MO[MO2071216], P[P02440861]).

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.3$  cm.

[191] *Protium gallicum* Daly

*Brittonia* 50 (4): 520 (Daly 1998).

VERNACULAR NAMES. — Pa: araksim, marinaiwa, sirasira-seine • Wp: sipi, tulii, walakuseli • Nt: tingi moni • Cr: bwa-lansan-blan • Fr: encens.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *Service Forestier 7073* (holo-, NY[00370252]; iso-, U[U0008214]).

INVENTORY DATA (FG). — 317 trees in 52 plots;  $F_{\max} = 7.5\%$ ;  $dbh_{\text{inv}} = 41.7$  cm.

[192] *Protium giganteum* Engl. var. *giganteum*

*Fl. Bras. [Martius]* 12 (2): 277 [1 Sep. 1874] (Engler 1874). — *Tingulonga gigantea* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

*Icica acuminata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 136 [24 Sep. 1813] (Poiret 1813), **syn. nov.** — *Amyris acuminata* DC., *Prodr. [A. P. de Candolle]* 2: 78 [mid Nov. 1825] (Candolle 1825), **nom. nud. pro. syn.**

*Protium duckei* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 432 (Huber 1909).

*Protium cupreatum* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 1 (Cuatrecasas 1961).

*Protium pernervatum* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 5 (Cuatrecasas 1961).

HERBARIUM DATA (FG). — No collection at CAY. Sel. exs.: *Unknown coll. s.n.* (“Herb. Poir.”) (original material of *Icica acuminata*: P[P05308177]).

SIZE. — Brazil, Amazonas. *A. Vicentini 1008* (MO), 20 m × 20 cm.

[193] *Protium giganteum* var. *crassifolium* (Engl.) Daly

*Brittonia* 44 (3): 296 (Daly 1992). — *Protium crassifolium* Engl., *Fl. Bras. [Martius]* 12 (2): 270 [1 Sep. 1874] (Engler 1874). — *Icica crassifolia* (Engl.) Rich. ex Engl., *Monogr. Phan. [A.D.C. & C.D.C.]* 4: 81 [Mar. 1883] (Engler 1883).

VERNACULAR NAMES. — Pa: ahuwahu, araksim-priyo, auwau.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *L.C. Richards s.n.* (holo-, B[not seen, photo F neg. 12568]; iso-, P[P02440864]).

INVENTORY DATA (FG). — 65 trees in 39 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 55$  cm.

[194] *Protium goudotianum* (Tul.) Byng & Christenh.

*Global Fl.* 4: 134 [9 Feb. 2018] (Byng & Christenhusz 2018). — *Icica goudotiana* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 7: 372 (Tulasne 1847). — *Crepidospermum goudotianum* (Tul.) Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 14: 300 (Triana & Planchon 1872).

*Crepidospermum sprucei* Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 1 (1): 325 [7 Aug. 1862] (Hooker 1862).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 1885*.

INVENTORY DATA (FG). — 10 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.5$  cm.

[195] *Protium guianense* (Aubl.) Marchand

*Adansonia [Baillon]* 8: 52 (Marchand 1867). — *Icica guianensis* Aubl., *Hist. Pl. Guiane* 1: 340 [Jun.-Dec. 1775] (Aublet 1775), “Guyannensis” on plate. — *Icica viridiflora* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 225 [19 Oct. 1789] (Lamarck 1789), **nom. illeg. superfl.** (based on *Icica guianensis*). — *Amyris guianensis* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 335 [Mar. 1799] (Willdenow 1799), **nom. illeg. hom., non Aubl.** (Aublet 1775: 336). — *Elaphrium guianense* (Aubl.) Spreng. ex D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1271 [1-20 Dec. 1840] (Dietrich 1840), “gujanense”. — *Tingulonga guianensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 107 [5 Nov. 1891] (Kuntze 1891).

*Icica hostmannii* Miq., *Stirp. Surinam. Select.*: 66 [“1850” publ. Mar. 1851] (Miquel 1851). — *Protium hostmannii* (Miq.) Engl., *Fl. Bras. [Martius]* 12 (2): 266 [1 Sep. 1874] (Engler 1874), “hostmanni”. — *Tingulonga hostmannii* (Miq.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

*Protium heptaphyllum* var. *puberulum* Engl., *Fl. Bras. [Martius]* 12 (2): 263 [1 Sep. 1874] (Engler 1874).

VERNACULAR NAMES. — Ka: miyuluwa, šipyo • Wn: alakuhele, pakila siku • Nt: tingi moni • Cr: bwa-lansan • Fr: encens.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN[LINN-HS 672.5]).

INVENTORY DATA (FG). — 106 trees in 40 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 33.7$  cm.

[196] *Protium heptaphyllum* (Aubl.) Marchand

*Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1873: 55 (Marchand 1873). — *Icica heptaphylla* Aubl., *Hist. Pl. Guiane* 1: 337 [Jun.-Dec. 1775] (Aublet 1775). — *Amyris ambrosiaca* L.f., *Suppl. Pl.*: 216 [“1781” publ. Apr. 1782] (Linnaeus 1782), **nom. illeg. superfl.** (based on *Icica heptaphylla*). — *Elaphrium heptaphyllum* (Aubl.) Spreng. ex D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1271 [1-20 Dec. 1840] (Dietrich 1840). — *Tingulonga heptaphylla* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 107 [5 Nov. 1891] (Kuntze 1891).

*Icica surinamensis* Miq., *Stirp. Surinam. Select.*: 65 [“1850” publ. Mar. 1851] (Miquel 1851). — *Protium heptaphyllum* var. *surinamense* (Miq.) Swart, *Recueil Trav. Bot. Néerl.* 39: 298 (Swart 1942).

*Protium multiflorum* Engl., *Fl. Bras. [Martius]* 12 (2): 273 [1 Sep. 1874] (Engler 1874). — *Tingulonga multiflora* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891). — *Protium heptaphyllum* var. *multiflorum* (Engl.) Swart, *Recueil Trav. Bot. Néerl.* 39: 297 (Swart 1942).

*Protium angustifolium* Swart, *Recueil Trav. Bot. Néerl.* 39: 190 (Swart 1942).

*Protium heptaphyllum* var. *floribundum* Swart, *Recueil Trav. Bot. Néerl.* 39: 191 (Swart 1942).

*Protium heptaphyllum* var. *unifoliolatum* Swart, *Recueil Trav. Bot. Néerl.* 39: 191 (Swart 1942).

*Protium octandrum* Swart, *Recueil Trav. Bot. Néerl.* 39: 198 (Swart 1942).

*Protium hostmannii* var. *brasiliense* Swart, *Acta Bot. Neerl.* 15: 52 (Swart 1966).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: marinaiwa-kamwi • Ka: alakuseli, alakušini, aliwa'u, šipyá, šipyo • Wp: sipi, walakuseli • Wn: aawa, alakuede, alakuheke, alakuhele • Nt: tingi moni • Cr: bwa-lansan-blan • Fr: encens blanc • Br: almecegueira, breu-branco-verdadeiro.

HERBARIUM DATA (FG). — 74 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN, LINN-HS 672.3).

INVENTORY DATA (FG). — 15 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[197] *Protium inodorum* Daly

*Brittonia* 50 (4): 517 (Daly 1998).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15302* (holo-, NY[0370253, 0370254]; iso-, CAY[CAY034925], MO[MO-1110102]).

SIZE. — Up to 20 cm dbh (Daly 1998).

[198] *Protium insigne* (Triana & Planch.) Engl.

*Monogr. Phan. [A.DC. & C.DC.]* 4: 77 [Mar. 1883] (Engler 1883). — *Icica insignis* Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 5, 14: 299 (Triana & Planchon 1872). — *Icicopsis insignis* (Triana & Planch.) Engl., *Fl. Bras. [Martius]* 12 (2): 256 [1 Sep. 1874] (Engler 1874). — *Tingulonga insignis* (Triana & Planch.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Br: breu-sucuruba.

HERBARIUM DATA (FG). — 86 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5205*.

INVENTORY DATA (FG). — 95 trees in 42 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 66$  cm.

[199] *Protium melinonii* Engl.

*Monogr. Phan. [A.DC. & C.DC.]* 4: 68 [Mar. 1883] (Engler 1883), “*Melinonis*”.

NOTE. — The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

HERBARIUM DATA (FG). — Apparently endemic, presence attested by a single collection, *E.M. Mélinon 250*, 1842 (original material P[P00781031], L[L0017689]).

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[200] *Protium morii* Daly  
(Fig. 12B)

*Brittonia* 44 (3): 287 (Daly 1992).

VERNACULAR NAMES. — Pa: ahuwahu, auwau • Wp: ayawa sili, nemo áká, sipi sili, waluwai, waluwai ší.

HERBARIUM DATA (FG). — 89 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4952*.

INVENTORY DATA (FG). — 206 trees in 54 plots;  $F_{\max} = 5.2\%$ ;  $dbh_{\text{inv}} = 75$  cm.

[201] *Protium occultum* Daly

*Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (2): 253 (Daly 1991).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al. 22719*.

SIZE. — Up to 26.5 cm dbh (Daly 2002).

[202] *Protium opacum* Swart subsp. *rabelianum* Daly

*Brittonia* 44 (3): 291 (Daly 1992).

VERNACULAR NAMES. — Pa: ahuwahu, auwau, auwau-seine • Ka: aliwa'u • Te: waluwa'i • Wp: waluwai, waluwai pilá • Nt: lebi moni • Cr: bonm-kochon, bwa-lansan-gran-bwa • Fr: baume cochon • Br: almecegueira, breu-preto.

HERBARIUM DATA (FG). — 131 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2602*.

INVENTORY DATA (FG). — 787 trees in 173 plots;  $F_{\max} = 4.4\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[203] *Protium pallidum* Cuatrec.

*Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 8 (Cuatrecasas 1961).

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *S.A. Mori et al. 22810*.

INVENTORY DATA (FG). — 17 trees in 5 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 40$  cm.

[204] *Protium pilosum* (Cuatrec.) Daly

*Brittonia* 44 (1): 24 (Daly 1989). — *Tetragastris pilosa* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 8 (Cuatrecasas 1961).

VERNACULAR NAMES. — Wp: waluwai sili • Br: breu-branco.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *A.H. Gentry et al. 63129*.

SIZE. — Up to 12 m tall (Daly 2002).

[205] *Protium plagiocarpium* Benoist

*Bull. Soc. Bot. France* 66 (8): 359 [“1919” publ. 1920] (Benoist 1920).

VERNACULAR NAMES. — Pa: marinaiwa-puvemna • Wp: sipi lá, sipi laánga, sipi sili, sipi towi'i.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *R. Benoist 368* (original material P, not seen).

INVENTORY DATA (FG). — 33 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.2$  cm.

[206] *Protium polybotryum* (Turcz.) Engl.  
(Fig. 12D)

*Fl. Bras. [Martius]* 12 (2): 278 [1 Sep. 1874] (Engler 1874). — *Icica polybotrya* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 473 (Turczaninow 1858). — *Tingulonga polybotrya* (Turcz.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: marinaiwa-purubumna • Ka: pakila šipyoli, tamunen pilika.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3209*.

INVENTORY DATA (FG). — 133 trees in 12 plots;  $F_{\max} = 8.1\%$ ;  $dbh_{\text{inv}} = 54.5$  cm.

[207] *Protium rhoifolium* (Benth.) Byng & Christenh.

*Global Fl.* 4: 134 [9 Feb. 2018] (Byng & Christenhusz 2018). — *Hedwigia rhoifolia* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 17 (Bentham 1852). — *Crepidospermum rhoifolium* (Benth.) Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 5, 14: 300 (Triana & Planchon 1872). — *Hemicrepidosperrum rhoifolium* (Benth.) Swart, *Recueil Trav. Bot. Néerl.* 39: 205 (Swart 1942).

VERNACULAR NAMES. — Pa: ara-kamwi • Ka: ayawalan, pakila šipyoli • Wp: ii, kulitu • Nt: moni.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier 1001*.

INVENTORY DATA (FG). — 36 trees in 24 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 49.5$  cm.

[208] *Protium robustum* (Swart) D.M.Porter

*Ann. Missouri Bot. Gard.* 56 (3): 476 [1969 publ. 17 July 1970] (Porter 1970). — *Protium neglectum* var. *robustum* Swart, *Recueil Trav. Bot. Néerl.* 39: 204 (Swart 1942).

VERNACULAR NAMES. — Ka: alukasi, pakila šipyoli • Te: waluwa'i • Wp: ayawa ilikili, nemo áká • Cr: bwa-lansan-rouj.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5194*.

INVENTORY DATA (FG). — 52 trees in 18 plots;  $F_{\max} = 3.7\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

[209] *Protium sagotianum* Marchand

*Adansonia [Baillon]* 8: 69 (Marchand 1867).

*Bursera caudata* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 614 (Turczaninow 1863). — *Icicopsis caudata* (Turcz.) Engl., *Fl. Bras. [Martius]* 12 (2): 257 [1 Sep. 1874] (Engler 1874). — *Tingulonga caudata* (Turcz.) Kuntze, *Revis. Gen. Pl.* 1: 107 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ahuwahu, auwau • Ka: pakila šipyoli • Te: waluwa'i • Wp: nemo áká • Wn: aawa, awa • Nt: lebi moni, moni • Cr: bwa-lansan, chipa • Fr: encens • Br: breu-branco, breu-inhambu.

HERBARIUM DATA (FG). — 80 collections at CAY. Sel. exs.: *P.A. Sagot 1191*, Aug. 1858 (type P[P00781026]).

INVENTORY DATA (FG). — 251 trees in 71 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 67$  cm.

[210] *Protium spruceanum* (Benth.) Engl.

*Fl. Bras. [Martius]* 12 (2): 276 [1 Sep. 1874] (Engler 1874). — *Icica spruceana* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 16 (Bentham 1852). — *Tingulonga spruceana* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

*Protium almecega* Marchand, *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1873: 56 (Marchand 1873). — *Tingulonga almecega* (Marchand) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891), “*almacega*”.

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: sirasira, sirasra • Te: waluwa'i • Wp: sipi • Br: almecegueira-do-brejo.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2284*.

INVENTORY DATA (FG). — 51 trees in 9 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 40.4$  cm.

[211] *Protium stevensonii* (Standl.) Daly

*Brittonia* 71 (3): 345 [epubl. 29 May 2019] (Daly 2019). — *Tetragastris stevensonii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 216 [24 Oct. 1929] (Standley 1929).

*Hedwigia panamensis* Engl., *Bot. Jahrb. Syst.* 1: 42 (Engler 1881). — *Tetragastris panamensis* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 107 [5 Nov. 1891] (Kuntze 1891). — *Protium picramnioides* Byng & Christenh., *Global Fl.* 4: 134 [9 Feb. 2018] (Byng & Christenhusz 2018), *nom. illeg. superfl.* (based on *Tetragastris panamensis*).

*Tetragastris panamensis* var. *hirtella* Swart, *Recueil Trav. Bot. Néerl.* 39: 207 (Swart 1942).

*Tetragastris paraensis* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 7 (Cuatrecasas 1961).

*Tetragastris panamensis* var. *grandifolia* Swart, *Acta Bot. Neerl.* 15: 56 (Swart 1966).

VERNACULAR NAMES. — Pa: araksim, auwau-purubumna, kawap-kamwi, sirasira, sirasra • Ka: tamunen pilika • Wp: waluwai, waluwai pilá • Wn: aimalaje, simajali • Nt: gaan busi moni, weti sali • Br: barrotinho, breu-preto.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 4274*.

INVENTORY DATA (FG). — 192 trees in 88 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 80.5$  cm.

[212] *Protium strumosum* Daly

*Brittonia* 44 (3): 283 (Daly 1992).

HERBARIUM DATA (FG). — A single collection, *C. Feuillet 2263*.

SIZE. — Up to 15 m tall (Daly 1992).

[213] *Protium subserratum* (Engl.) Engl.

*Monogr. Phan. [A.DC. & C.DC.]* 4: 89 [Mar. 1883] (Engler 1883). — *Icicopsis subserrata* Engl., *Fl. Bras. [Martius]* 12 (2): 259 [1 Sep. 1874] (Engler 1874). — *Tingulonga subserrata* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: sirasira, sirasra.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2927*.

INVENTORY DATA (FG). — 167 trees in 82 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 50.5$  cm.

[214] *Protium surinamense* Byng & Christenh.

*Global Fl.* 4: 134 [9 Feb. 2018] (Byng & Christenhusz 2018). — *Hedwigia hostmannii* Engl., *Monogr. Phan. [A.DC. & C.DC.]* 4: 97 [Mar. 1883] (Engler 1883). — *Tetragastris hostmannii* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 106 [5 Nov. 1891] (Kuntze 1891).

NOTES. — Known only from the Guiana Shield. One of five species whose relative density in tree communities likely indicative of pre-Columbian archeological sites in French Guiana (Molino *et al.* 2021).

VERNACULAR NAMES. — Pa: ahuwahu, auwau • Ka: pilika, wipitano pilika • Wp: yaya'i, yaya'i sí • Cr: bois-yaya, yaya.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1354*.

INVENTORY DATA (FG). — 67 trees in 38 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 59$  cm.

[215] *Protium tenuifolium* (Engl.) Engl.  
(Fig. 13A)

*Monogr. Phan. [A.DC. & C.DC.]* 4: 76 [Mar. 1883] (Engler 1883). — *Icicopsis tenuifolia* Engl., *Fl. Bras. [Martius]* 12 (2): 255 [1 Sep. 1874] (Engler 1874). — *Tingulonga tenuifolia* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

*Protium neglectum* Swart, *Recueil Trav. Bot. Néerl.* 39: 203 (Swart 1942).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ahuwahu, auwau, auwau-seinó • Wp: waluwai, waluwai pilá • Wn: awa.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4072*.

INVENTORY DATA (FG). — 195 trees in 95 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 72.5$  cm.

[216] *Protium trifoliolatum* Engl.  
(Fig. 12C)

*Fl. Bras. [Martius]* 12 (2): 266 [1 Sep. 1874] (Engler 1874). — *Tingulonga trifoliolata* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891). — *Tetragastris trifoliolata* (Engl.) Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 9 (Cuatrecasas 1961).

*Protium martianum* Engl., *Fl. Bras. [Martius]* 12 (2): 266 [1 Sep. 1874] (Engler 1874). — *Tingulonga martiana* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 108 [5 Nov. 1891] (Kuntze 1891).

*Protium titubans* J.F.Macbr., *Candollea* 5: 379 (Macbride 1934).

*Protium pauciflorum* Swart, *Recueil Trav. Bot. Néerl.* 39: 196 (Swart 1942).

*Protium joannis* Cuatrec., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 11: 2 (Cuatrecasas 1961).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: marinaiwa • Ka: pakila šipyoli • Te: waluwa'i • Wp: ii, sipi lá, sipi laंगा, sipi sili, sipi towi'i • Wn: aimalaje • Nt: sali.

HERBARIUM DATA (FG). — 80 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1836*.

INVENTORY DATA (FG). — 133 trees in 37 plots;  $F_{\max} = 6.6\%$ ;  $dbh_{\text{inv}} = 32.1$  cm.

Genus *Trattinnickia* Willd.

[217] *Trattinnickia boliviana* (Swart) Daly

*Kew Bull.* 54 (1): 130 (Daly 1999). — *Trattinnickia lawrancei* Standl. var. *boliviana* Swart, *Acta Bot. Neerl.* 1: 249 (Swart 1952).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman 2106*.

SIZE. — Brazil, Acre. *D.C. Daly 6912* (MO), 25 m × 35 cm.

[218] *Trattinnickia burserifolia* Mart.  
(Fig. 13B)

*Nova genera et species plantarum [Martius]* 3 (2): 93 [“1829” publ. Jan.-Mar (?) 1831] (Martius 1831), “*burseraefolia*”.

*Trattinnickia guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1188 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Trattinnickia schomburgkii* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1188 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Trattinnickia burserifolia* var. *obtusa* Engl., *Fl. Bras. [Martius]* 12 (2): 284 [1 Sep. 1874] (Engler 1874).





FIG. 13. — Burseraceae: **A**, *Protium tenuifolium* (Engl.) Engl. (J.-F. Molino & D. Sabatier 2248); **B**, *Trattinnickia burserifolia* Mart. (M.-F. Prévost 4566). Calophyllaceae: **C**, *Calophyllum brasiliense* Cambess. (D. Sabatier & J.-F. Molino 5002); **D**, *Mahurea palustris* Aubl. (D. Sabatier & M.-F. Prévost 3021). A, © J.-F. Molino/IRD; B, © M.-F. Prévost/IRD; C, D, © D. Sabatier/IRD.

*Trattinnickia burserifolia* var. *quinquejuga* Engl., *Fl. Bras.* [Martius] 12 (2): 284 [1 Sep. 1874] (Engler 1874).

*Trattinnickia subchoripetala* Swart, *Recueil Trav. Bot. Néerl.* 39: 210 (Swart 1942).

*Trattinnickia multiflora* Cuatrec., *Webbia* 12 (2): 424 (Cuatrecasas 1957).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: sipi.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: M.-F. Prévost 4566.

INVENTORY DATA (FG). — 33 trees in 9 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 46.8$  cm.

[219] *Trattinnickia demerarae* Sandwith

*Bull. Misc. Inform. Kew* 1931 (4): 185 [18 Apr. 1931] (Sandwith 1931).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: ahuwahu, auwau • Ka: apoto ayawa, ayawa, pakila sipyoli • Wp: ayawa, waluwai, waluwai pilá • Nt: gaan moni • Cr: bonm-kochon, bwa-lansan • Fr: baume cochon.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 2278.

INVENTORY DATA (FG). — 63 trees in 42 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 156.9$  cm.

[220] *Trattinnickia glaziovii* Swart

*Recueil Trav. Bot. Néerl.* 39: 208 (Swart 1942), “Glazovii”.

*Trattinnickia schwackeana* Glaz., *Bull. Soc. Bot. France* 52 (Mém. 3a): 92 (Glaziou 1905), *nom. nud.*

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *B. Riéra 1092.*

INVENTORY DATA (FG). — 1 tree, dbh = 13.4 cm.

[221] *Trattinnickia rhoifolia* Willd.

*Sp. Pl.*, ed. 4 4 (2): 975 [Apr. 1806] (Willdenow 1806). — *Hedwigia rhoifolia* (Willd.) Baill., *Hist. Pl. [Baillon]* 5: 266 [June 1874] (Baillon 1874), *nom. illeg. hom., non Benth.* (Bentham 1852).

*Trattinnickia ryanii* Didr., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1857: 125 (Didrichsen 1857).

*Trattinnickia rhoifolia* var. *sprucei* Engl., *Fl. Bras. [Martius]* 12 (2): 283 [1 Sep. 1874] (Engler 1874).

*Trattinnickia rhoifolia* var. *willdenowii* Engl., *Fl. Bras. [Martius]* 12 (2): 283 [1 Sep. 1874] (Engler 1874).

VERNACULAR NAMES. — Pa: araksim, ayao, ayau • Ka: aiyawa, ayawa, pilika • Wp: ayawa • Wn: awa • Nt: gaan moni • Cr: bwa-lansan, bwa-yawa • Fr: encens • Br: breu-sucuruba.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2193.*

INVENTORY DATA (FG). — 10 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 110$  cm.

Family CALOPHYLLACEAE J. Agardh  
Genus *Calophyllum* L.[222] *Calophyllum brasiliense* Cambess.  
(Fig. 13C)

*Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (8): 320 [28 June 1828] (Cambessèdes 1828).

*Calophyllum longifolium* Willd., *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 5: 80 (Willdenow 1811). — *Calophyllum brasiliense* subsp. *longifolium* (Willd.) Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 592 [Dec. 1893] (Vesque 1893).

*Calophyllum lucidum* Benth., *London J. Bot.* 2: 370 (Bentham 1843).

*Calophyllum revolutum* Rich. ex Engl., *Fl. Bras. [Martius]* 12 (1): 398 [1 Apr. 1888] (Engler 1888), *nom. nud. pro syn.*

*Calophyllum brasiliense* var. *elongatum* Engl., *Fl. Bras. [Martius]* 12 (1): 398 [1 Apr. 1888] (Engler 1888).

*Calophyllum brasiliense* subsp. *verum* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 591 [Dec. 1893] (Vesque 1893).

*Calophyllum brasiliense* var. *genuina* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 591 [Dec. 1893] (Vesque 1893), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Calophyllum brasiliense* var. *burchellii* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 592 [Dec. 1893] (Vesque 1893).

*Calophyllum brasiliense* var. *gardneri* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 592 [Dec. 1893] (Vesque 1893).

*Calophyllum brasiliense* var. *spruceanum* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 592 [Dec. 1893] (Vesque 1893), “*Spruceana*”.

*Calophyllum brasiliense* subsp. *mariae* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 593 [Dec. 1893] (Vesque 1893).

*Calophyllum brasiliense* subsp. *wrightii* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 594 [Dec. 1893] (Vesque 1893).

*Calophyllum chiapense* Standl., *Contr. U.S. Natl. Herb.* 20 (6): 192 [29 Aug. 1919] (Standley 1919).

*Calophyllum rekoii* Standl., *Contr. U.S. Natl. Herb.* 20 (6): 192 [29 Aug. 1919] (Standley 1919). — *Calophyllum brasiliense* var. *rekoii* (Standl.) Standl., *Trop. Woods* 30: 7 [1 June 1932] (Standley 1932).

*Calophyllum antillanum* Britton, *Sci. Surv. Porto Rico & Virgin Islands* 5: 584 (Britton 1924). — *Calophyllum brasiliense* var. *antillanum* (Britton) Standl., *Trop. Woods* 30: 7 [1 June 1932] (Standley 1932). — *Calophyllum jacquinii* Fawc. & Rendle, *Fl. Jamaica [Fawcett & Rendle]* 5: 200 (Fawcett & Rendle 1926), *nom. illeg. superfl.* (based on the same “*C. calaba* Jacq.” as *C. antillanum*).

*Calophyllum ellipticum* Rusby, *Mem. New York Bot. Gard.* 7: 303 (Rusby 1927).

*Calophyllum piaroanum* An.Castillo & C.Gil, *Ernstia*, ser. 2, 1 (1): 41 (Castillo & Gil 1991).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *C. antillanum* Britton and *C. jacquinii* Fawc. & Rendle were each intended as a new name for “*C. calaba* Jacq.” with reference to Jacquin (1763: 269), but this name does not exist. Jacquin (1763: 269) did not publish a new name, he only referred to *C. calaba* L. (Linnaeus 1753: 514). However, he did so by mistake since Linnaeus’ species is Asiatic, whereas the taxon he was treating is from the Caribbean Region.

VERNACULAR NAMES. — Pa: mpitit-wašiuñē, pareine-āra • Ka: kula:la • Wp: yakalē’i • Cr: bwa-kayman, manni-rouj • Br: cedro-do-pantano, guanambi, jacareúba.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *P. Grenand 637.*

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 57.6$  cm.

Genus *Caraipa* Aubl.[223] *Caraipa ampla* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 218 (Ducke 1922).

*Caraipa variabilis* Cambess. “var. β” (unnamed), *Mém. Mus. Hist. Nat.* 16: 417 (Cambessèdes 1828), *nom. inval.*

VERNACULAR NAMES. — Pa: wakukwa-tiranó-purubumna • Wp: wila pile lu • Cr: pajilé • Br: tamacoaré, tamaquaré.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *L. C. Richard s.n.* (type of *Caraipa variabilis* “var. β”: P[01901082]).

INVENTORY DATA (FG). — 1 tree, dbh = 28.6 cm.

[224] *Caraipa densifolia* Mart.

*Nova genera et species plantarum* [Martius] 1 (4): 105 [“1824” publ. Jan.-Mar. 1826] (Martius 1826).

*Caraipa variabilis* Cambess., *Mém. Mus. Hist. Nat.* 16: 416 (Cambessèdes 1828).

*Caraipa fasciculata* Cambess., *Mém. Mus. Hist. Nat.* 16: 417 (Cambessèdes 1828).

*Caraipa laxiflora* Benth., *London J. Bot.* 2: 364 (Bentham 1843).

*Caraipa laurifolia* Spruce ex Choisy, *Mém. Soc. Phys. Genève* 14 (1): 164 (Choisy 1855).

*Caraipa myrciifolia* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5: 62 [“1861” publ. Nov. 1860] (Bentham 1860), “*myrciaefolia*”, *nom. nud. pro syn.*

*Caraipa fasciculata* var. *laxiflora* (Benth.) Wawra, *Fl. Bras.* [Martius] 12 (1): 323 [1 Apr. 1886] (Wawra 1886).

*Caraipa excelsa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 219 (Ducke 1922).

*Caraipa melhemiana* Paula, *Ci. & Cult.* 20 (2): 133 (Paula 1968).

NOTE. — Silva (1971: 25) provided two references for *C. melhemiana*, the first given above, and a second, *Ci. & Cult.* 21 (4): 170 (Paula 1969). None of them could be verified.

VERNACULAR NAMES. — Ka: sepeipyo, sepupi • Wp: wila pile lu • Nt: auman pisi • Cr: pajilé • Br: tamacoaré, tamaquaré.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *J.-F. Molino 921*.

INVENTORY DATA (FG). — 31 trees in 12 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 47.9$  cm.

[225] *Caraipa parvifolia* Aubl.

*Hist. Pl. Guiane* 1: 561 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Fr: manche-hache (*vide* Aublet 1775).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P[P00106271]); *M.-F. Prévost 3278*,  $dbh = 40$  cm.

[226] *Caraipa punctulata* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 216 (Ducke 1922).

*Caraipa colombiana* Ewan, *Nat. Hist. Misc.* 88: 4 (Ewan 1951).

*Caraipa ferruginea* Steyerl., *Fieldiana, Bot.* 28 (2): 384 (Steyerl. 1952).

VERNACULAR NAMES. — Pa: wakukwa-tiranó-purubumna • Cr: pajilé • Br: tamacoaré, tamaquaré.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2083*.

INVENTORY DATA (FG). — 31 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.5$  cm.

[227] *Caraipa racemosa* Cambess.

*Mém. Mus. Hist. Nat.* 16: 415 (Cambessèdes 1828).

VERNACULAR NAMES. — Wp: tamukwālë áká, wila pile lu • Cr: pajilé • Br: tamacoaré, tamaquaré.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00106270]); iso-, M[M0274726]).

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 39$  cm.

[228] *Caraipa richardiana* Cambess.

*Mém. Mus. Hist. Nat.* 16: 414 (Cambessèdes 1828).

*Caraipa richardiana* var. *distorta* Wawra, *Fl. Bras.* [Martius] 12 (1): 318 [1 Apr. 1886] (Wawra 1886).

*Caraipa psidiifolia* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 214 (Ducke 1922).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00106269]); iso-, P[P01901085, P01901086]).

SIZE. — Up to 15 m tall (Kubitzki 1978).

[229] *Caraipa* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3117*.

INVENTORY DATA (FG). — 17 trees in 1 plot;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 29.3$  cm.

[230] *Caraipa* sp. B

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4936*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

Genus *Maburea* Aubl.

[231] *Maburea palustris* Aubl.  
(Fig. 13D)

*Hist. Pl. Guiane* 1: 558 [Jun.-Dec. 1775] (Aublet 1775). — *Bonnetia palustris* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 814 [late Sep.-Nov. 1791] (Gmelin 1791).

*Bonnetia meridionalis* Sw., *Fl. Ind. Occid.* 2: 967 [late 1800] (Swartz 1800), *nom. illeg. superfl.* (based on *Maburea palustris*).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: atit-kamwi.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000624839], P-LA[P00287390]).

INVENTORY DATA (FG). — 24 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 75.9$  cm.

Family CANELLACEAE Mart.  
Genus *Cinnamodendron* Endl.

[232] *Cinnamodendron tenuifolium* Uittien  
(Fig. 14A)

*Recueil Trav. Bot. Néerl.* 22: 367 [“1925” publ. Jan. 1926] (Uittien 1926).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 1055*.

INVENTORY DATA (FG). — 1 tree, dbh = 13.1 cm.

Family CANNABACEAE Martinov  
Genus *Trema* Lour.

[233] *Trema integerrima* (Beurl.) Standl.  
(Fig. 14B)

*Contr. Arnold Arbor.* 5: 55 (Standley 1933). — *Sponia integerrima* Beurl., *Kongl. Vetensk.-Akad. Handl.* 40: 144 [“1854” publ. 1856] (Beurling 1856).

*Trema laxiflora* Lundell, *Wrightia* 2 (2): 50 (Lundell 1960).

NOTE. — *Trema* is neuter, but treated as feminine in accordance with botanical tradition (Turland *et al.* 2018: Art. 62).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al. 6043*, dbh 65 cm.

[234] *Trema micrantha* (L.) Blume

*Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856). — *Rhamnus micranthus* L., *Syst. Nat.*, ed. 10, 2: 937 [7 June 1759] (Linnaeus 1759). — *Celtis micrantha* (L.) Sw., *Prodr. [Swartz]* 53 [20 Jun.-29 July 1788] (Swartz 1788), “*micranthus*”. — *Sponia micrantha* (L.) Decne. ex Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 333 [Dec. 1848] (Planchon 1848).

*Celtis lima* Sw., *Prodr. [Swartz]* 53 [20 Jun.-29 July 1788] (Swartz 1788). — *Sponia lima* (Sw.) Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 498 (Decaisne 1834), *nom. inval.* (genus name and epithet not associated). — *Trema lima* (Sw.) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Celtis mollis* Humb. & Bonpl. ex Willd., *Sp. Pl.*, ed. 4 4 (2): 996 [Apr. 1806] (Willdenow 1806). — *Sponia mollis* (Humb. & Bonpl. ex Willd.) Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 498 (Decaisne 1834), *nom. inval.* (genus name and epithet not associated). — *Trema mollis* (Humb. & Bonpl. ex Willd.) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Celtis rugosa* Willd., *Sp. Pl.*, ed. 4 4 (2): 996 [Apr. 1806] (Willdenow 1806).

*Celtis canescens* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 28 [28 Apr. 1817] (Kunth 1817). — *Sponia canescens* (Kunth) Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 498 (Decaisne 1834), *nom. inval.* (genus name and epithet not associated). — *Celtis albicans* Willd. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 316 (Steudel 1840), *nom. illeg. superfl.* (based on *Sponia canescens*, thus indi-

rectly on *Celtis canescens*). — *Trema canescens* (Kunth) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Celtis riparia* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 28 [28 Apr. 1817] (Kunth 1817). — *Sponia riparia* (Kunth) Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 498 (Decaisne 1834), *nom. inval.* (genus name and epithet not associated). — *Trema riparia* (Kunth) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Celtis macrophylla* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 30 [28 Apr. 1817] (Kunth 1817). — *Sponia macrophylla* (Kunth) Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 498 (Decaisne 1834), *nom. inval.* (genus name and epithet not associated). — *Trema macrophylla* (Kunth) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Celtis schiedeana* Schltld., *Linnaea* 7: 140 (Schlechtendal 1832). — *Sponia schiedeana* (Schltld.) Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 335 [Dec. 1848] (Planchon 1848). — *Trema schiedeana* (Schltld.) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Sponia peruviana* Klotzsch, *Linnaea* 20: 536 [Oct. 1847] (Klotzsch 1847).

*Celtis microcarpa* Salzm. ex Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 333 [Dec. 1848] (Planchon 1848), *nom. nud. pro syn.*

*Celtis rufescens* Banks ex Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 334 [Dec. 1848] (Planchon 1848), *nom. nud. pro syn.* — *Sponia rufescens* Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 334 [Dec. 1848] (Planchon 1848). — *Trema rufescens* (Planch.) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Sponia chichilea* Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 334 [Dec. 1848] (Planchon 1848). — *Celtis chichilea* Ruiz & Pav. ex Planch., *Ann. Sci. Nat., Bot.* sér. 3, 10: 334 [Dec. 1848] (Planchon 1848), *nom. nud. pro syn.* — *Trema chichilea* (Planch.) Blume, *Mus. Bot.* 2 (1-8): 58 [“1852” publ. Feb. 1856] (Blume 1856).

*Sponia crassifolia* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 340 (Liebmann 1851).

*Sponia grisea* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 340 (Liebmann 1851).

*Trema melinonii* Blume, *Mus. Bot.* 2 (1-8): 64 [“1852” publ. Feb. 1856] (Blume 1856), “*Melinona*”.

*Urtica alnifolia* Bertero ex Griseb., *Fl. Brit. W.I. [Grisebach]* 709 [Oct. 1864] (Grisebach 1864), *nom. nud. pro syn.*

*Celtis curiandiuba* A.I. Gomes ex Planch., *Prodr. [A. P. de Candolle]* 17: 204 [16 Oct. 1873] (Planchon 1873), *nom. nud.*

*Trema floridana* Britton, *Fl. S.E. U.S. [Small]* 366, 1329 [22 July 1903] (Britton 1903). — *Trema micrantha* var. *floridana* (Britton) Standl. & Steyer., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (2): 40 [14 Feb. 1944] (Standley & Steyermark 1944).

*Trema micrantha* var. *obtusata* Urb., *Symb. Antill. [Urban]* 4 (2): 195 [15 Feb. 1905] (Urban 1905).

*Trema strigillosa* Lundell, *Phytologia* 1 (10): 337 [27 Nov. 1939] (Lundell 1939). — *Trema micrantha* var. *strigillosa* (Lundell) Standl. & Steyer., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (2): 40 [14 Feb. 1944] (Standley & Steyermark 1944).

NOTES. — Incipiently domesticated by pre-Columbian Amerindians (Levis *et al.* 2017). Decaisne (1834: 498) was the first to propose the transfer of *Celtis micrantha* (i.e. *Rhamnus micrantha*) into *Sponia*,



FIG. 14. — Canellaceae: **A**, *Cinnamodendron tenuifolium* Uittien (D. Sabatier 1055). Cannabaceae: **B**, *Trema integerrima* (Beurl.) Standl. (D. Sabatier *et al.* 6043). Capparaceae: **C**, *Capparidastrum osmanthum* (Diels) Cornejo & Iltis (D. Sabatier 6330); **D**, *Neocalyptrocalyx lepieurii* (Briq.) Iltis (D. Sabatier 3048). © D. Sabatier/IRD.

but he did not associate the genus name with the specific epithet, making the combination invalid.

VERNACULAR NAMES. — Pa: maremi-etni • Ka: konolie, kunuliye • Te: kwanali'i • Wp: kulani'i • Wn: kumiklan • Nt: misobisobi • Cr: bwa-lòm, bwa-ranmié • Br: coatindiva, pau-de-polvora, periquitinha.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 5276.

SIZE. — Up to 20 m tall (Berg 1992).

#### Family CAPPARACEAE Juss.

#### NOTES

According to Cardinal-McTeague *et al.* (2016) and Tamboli *et al.* (2018), *Capparis* L. *s.s.* (*Capparis* sect. *Eucapparis* DC., including type) is an Old World taxon. All New World species ("NW capparoids") form three or more distinct clades, among which two are clearly monophyletic (*Cynophalla* J.Presl and *Crateva* L.). The phylogenetic status of the remaining clades

is still unclear. If they are merged (the conclusion anticipated by Christenhusz *et al.* 2018), then the correct name would be *Morisonia* L. However, we think this too speculative and retain the genera *Calanthea*, *Capparidastrum*, *Neocalyptrocalyx* and *Preslianthus*.

Genus *Calanthea* (DC.) Miers

[235] *Calanthea pulcherrima* (Jacq.) Miers

*Proc. Roy. Hort. Soc. London* 4: 161 (Miers 1864). — *Capparis pulcherrima* Jacq., *Enum. Syst. Pl.*: 24 [Aug.-Sep. 1760] (Jacquin 1760). — *Linnaebreyenia pulcherrima* (Jacq.) Hutch., *Gen. Fl. Pl.* 2: 310 (Hutchinson 1967), in adnot. — *Morisonia pulcherrima* (Jacq.) Christenh. & Byng, *Global Fl.* 4: 142 [9 Feb. 2018] (Christenhusz & Byng 2018).

*Colicodendron pulchellum* Seem., *Bot. Voy. Herald [Seemann]* 2: 78 [Aug. 1852] (Seemann 1852), *nom. illeg. superfl.* (based on *Capparis pulcherrima*).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *H. Richard & A. Mambe* 622.

INVENTORY DATA (FG). — 1 tree, dbh = 11.5 cm.

Genus *Capparidastrum* (DC.) Hutch.

[236] *Capparidastrum frondosum* (Jacq.) Cornejo & Iltis

*Harvard Pap. Bot.* 13 (2): 232 [17 Dec. 2008] (Cornejo & Iltis 2008). — *Capparis frondosa* Jacq., *Enum. Syst. Pl.*: 24 [Aug.-Sep. 1760] (Jacquin 1760). — *Pleuteron frondosa* (Jacq.) Raf., *Sylva Têlur.*: 109 (Rafinesque 1838). — *Uterveria frondosa* (Jacq.) Bertol., *Horti Bonon. Pl. Nov.* 2: 8 (Bertoloni 1839). — *Morisonia frondosa* (Jacq.) Christenh. & Byng, *Global Fl.* 4: 141 [9 Feb. 2018] (Christenhusz & Byng 2018).

*Capparis elegans* Mart., *Flora* 22 (1, Beibl.): 24 (Martius 1839). — *Capparidastrum elegans* (Mart.) Hutch., *Gen. Fl. Pl.* 2: 310 (Hutchinson 1967).

*Capparis stenophylla* Standl., *J. Wash. Acad. Sci.* 13: 437 (Standley 1923).

VERNACULAR NAMES. — Ka: abalaba, apalaba, mapalaba • Br: feijão-bravo-preto.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *G. Creemers* 8448.

SIZE. — Belize. *S. W. Brewer* 8580 (MO), 10 m × 15 cm.

[237] *Capparidastrum osmanthum* (Diels) Cornejo & Iltis (Fig. 14C)

*Harvard Pap. Bot.* 13 (2): 234 [17 Dec. 2008] (Cornejo & Iltis 2008). — *Capparis osmantha* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 332 [31 Mar. 1939] (Diels 1939).

*Capparis guaguaensis* Steyerem., *Fieldiana, Bot.* 28 (1): 238 (Steyermark 1951).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier et al.* 6003.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.3$  cm.

[238] *Capparidastrum solum* (J.F.Macbr.) Cornejo & Iltis

*Harvard Pap. Bot.* 11 (1): 17 (Cornejo & Iltis 2006), “sola”. — *Capparis sola* J.F.Macbr., *Candollea* 5: 359 (Macbride 1934). — *Morisonia sola* (J.F.Macbr.) Christenh. & Byng, *Global Fl.* 4: 142 [9 Feb. 2018] (Christenhusz & Byng 2018).

*Capparis acutifolia* J.F.Macbr., *Candollea* 5: 358 (Macbride 1934), *nom. illeg. hom., non Sweet* (1830).

*Capparis sola* var. *longiracemosa* Dugand, *Caldasia* 7 (32): 110 (Dugand 1955).

VERNACULAR NAMES. — Wp: yawalū lemo.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Grenand* 715.

SIZE. — Ecuador, Napo. *J. Korning & K. Thomsen* 47802 (MO), 13.7 m × 12.7 cm.

Genus *Crateva* L.

[239] *Crateva tapia* L.

*Sp. Pl.* 1: 444 [1 May 1753] (Linnaeus 1753).

*Crateva gymandra* L., *Sp. Pl.*, ed. 2, 1: 636 [Sep. 1762] (Linnaeus 1762).

*Cleome arborea* Schrad., *Gött. Gel. Anz.* 2: 707 [5 May 1821] (Schradler 1821).

*Crateva acuminata* DC., *Prodr. [A. P. de Candolle]* 1: 243 [mid Jan. 1824] (Candolle 1824), “*Crataeva*”.

*Crateva radiatiflora* DC., *Prodr. [A. P. de Candolle]* 1: 243 [mid Jan. 1824] (Candolle 1824).

*Crateva tapioides* DC., *Prodr. [A. P. de Candolle]* 1: 243 [mid Jan. 1824] (Candolle 1824), “*Crataeva*”.

*Colicodendron obliquifolium* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 27 (3): 328 (Turczaninow 1854).

*Crateva benthamii* Eichler, *Fl. Bras. [Martius]* 13 (1): 265 [1 Dec. 1865] (Eichler 1865), “*Crataeva*”.

*Crateva benthamii* var. *leptopetala* Eichler, *Fl. Bras. [Martius]* 13 (1): 265 [1 Dec. 1865] (Eichler 1865), “*Crataeva*”.

*Crateva bahiana* Ule, *Bot. Jahrb. Syst.* 42 (2-3): 202 [29 Dec. 1908] (Ule 1908), “*Crataeva*”.

*Crateva coriacea* Herzog, *Repert. Spec. Nov. Regni Veg.* 7: 52 (Herzog 1909), “*Crataeva*”.

*Crateva glauca* Lundell, *Bull. Torrey Bot. Club* 69 (5): 389 [May 1942] (Lundell 1942), “*Crataeva*”. — *Crateva tapia* var. *glauca* (Lundell) Standl. & Steyerem., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (2): 55 [14 Feb. 1944] (Standley & Steyermark 1944), “*Crataeva*”.

*Capparis radiatiflora* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 16: 387 (Ruiz & Pavón 1959).

*Capparis ternata* Tafalla, *Fl. Huayaquilensis* 1: 161 (Tafalla 1989), *nom. nud.*

NOTE. — *Crateva radiatiflora* DC. was based on *Capparis radiatiflora* Ruiz & Pav., but the latter was unpublished at the time, therefore it cannot serve as a basionym.

VERNACULAR NAMES. — Ka: kuleku, kulelu • Br: catauré, trapiá.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *G.S. Perrotet 201* (type of *Crateva acuminata*: G-DC, G00207195).

SIZE. — Brazil, Acre. *D.C. Daly 10186* (MO), 8 m × 18 cm.

### Genus *Cynophalla* J.Presl

[240] *Cynophalla polyantha*  
(Triana & Planch.) Cornejo & Iltis

*Harvard Pap. Bot.* 13 (1): 118 [30 June 2008] (Cornejo & Iltis 2008). — *Capparis polyantha* Triana & Planch., *Ann. Sci. Nat., Bot. sér. 4*, 17: 76 (Triana & Planchon 1862). — *Capparis flexuosa* (L.) L. subsp. *polyantha* (Triana & Planch.) Iltis, *Fl. Venez. Guayana* 4: 139 (Iltis 1998). — *Morisonia polyantha* (Triana & Planch.) Christenh. & Byng, *Global Fl.* 4: 142 [9 Feb. 2018] (Christenhusz & Byng 2018).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 3313*.

INVENTORY DATA (FG). — 1 tree, dbh = 15.2 cm.

### Genus *Neocalyptrocalyx* Hutch.

[241] *Neocalyptrocalyx lepreurii* (Briq.) Iltis  
(Fig. 14D)

*Harvard Pap. Bot.* 13 (1): 110 [30 June 2008] (Iltis 2008). — *Capparis lepreurii* Briq., *Annuaire Conserv. Jard. Bot. Genève* 17: 393 (Briquet 1914).

VERNACULAR NAMES. — Pa: korosol-kamwi.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (original material F[V0053118F], P[P06795080]).

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14$  cm.

[242] *Neocalyptrocalyx maroniensis*  
(Benoist) Cornejo & Iltis

*Harvard Pap. Bot.* 13 (1): 112 [30 June 2008] (Cornejo & Iltis 2008). — *Capparis maroniensis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 296 (Benoist 1919).

*Capparis surinamensis* J.C.Went, *Recueil Trav. Bot. Néerl.* 30: 164 [July 1933] (Went 1933). — *Neocalyptrocalyx surinamensis* (J.C.Went) Hutch., *Gen. Fl. Pl.* 2: 308 (Hutchinson 1967).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: ā-wakaha • Ka: ombatapo • Wp: akusi luway.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *R. Benoist 339 bis* (lecto-, P[P04022914], designated by Cornejo & Iltis [2008: 112]; isolecto-, P[P04022915, P04022916]).

INVENTORY DATA (FG). — 49 trees in 25 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 55.4$  cm.

[243] *Neocalyptrocalyx morii* Cornejo & Iltis

*J. Bot. Res. Inst. Texas* 2 (2): 807 (Cornejo & Iltis 2008).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *S.A. Mori et al. 24021* (holo-, NY[01095755]; iso-, CAY[CAY074676]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.8$  cm.

### Genus *Preslianthus* Iltis & Cornejo

[244] *Preslianthus pittieri* (Standl.) Iltis & Cornejo

*Harvard Pap. Bot.* 16 (1): 70 [June 2011] (Iltis & Cornejo 2011). — *Capparis pittieri* Standl., *J. Wash. Acad. Sci.* 17: 253 (Standley 1927). — *Morisonia pittieri* (Standl.) Christenh. & Byng, *Global Fl.* 4: 142 [9 Feb. 2018] (Christenhusz & Byng 2018).

*Capparis schunkei* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (7): 170 [24 Oct. 1929] (Macbride 1929).

*Capparis crotonantha* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 210 [24 Oct. 1929] (Standley 1929).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al. 25729*.

INVENTORY DATA (FG). — 1 tree, dbh = 11.3 cm.

### Family CARICACEAE Dumort. Genus *Jacaratia* A.DC.

[245] *Jacaratia spinosa* (Aubl.) A.DC.  
(Fig. 15A)

*Prodr. [A. P. de Candolle]* 15 (1): 419 [May 1864] (Candolle 1864). — *Carica spinosa* Aubl., *Hist. Pl. Guiane* 2: 908 [Jun.-Dec. 1775] (Aublet 1775). — *Papaya spinosa* (Aubl.) DC., *Encycl. [J. Lamarck et al.]* 5: 3 [9 Jan. 1804] (Candolle 1804).

*Carica dodecaphylla* Vell., *Fl. Flumin. Icon.* 10: t. 132 [“1827” publ. 29 Oct. 1831] (Vellozo 1831). — *Jacaratia dodecaphylla* (Vell.) A.DC., *Prodr. [A. P. de Candolle]* 15 (1): 420 [May 1864] (Candolle 1864).

*Jacaratia actinophylla* Pohl ex Solms, *Fl. Bras. [Martius]* 13 (3): 191 [15 Aug. 1889] (Solms 1889), *nom. nud.*

*Jacaratia dodecaphylla* f. *longiflora* Hassl., *Bull. Herb. Boissier* 7 (App. 1): 74 (Hassler 1899).

*Jacaratia dodecaphylla* var. *lucida* Hassl., *Bull. Herb. Boissier*, sér. 2, 2: 745 (Hassler 1902), “Eichleri”.

*Jacaratia costaricensis* I.M.Johnst., *Contr. Gray Herb.* 70: 79 (Johnston 1924).

VERNACULAR NAMES. — Pa: akabdat, kumak-kamwi • Wp: yalakasi • Nt: tukuman udu • Br: mamão-do-mato, mamão-rana.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM001008452]).

INVENTORY DATA (FG). — 14 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67.7$  cm.

Family CARYOCARACEAE Voigt  
Genus *Caryocar* F.Allam.

[246] *Caryocar glabrum* (Aubl.) Pers.

*Syn. Pl. [Persoon]* 2 (1): 84 [Nov. 1806] (Persoon 1806). — *Saouari glabra* Aubl., *Hist. Pl. Guiane* 1: 599 [Jun.-Dec. 1775] (Aublet 1775). — *Pekea ternata* Poir., *Encycl. [J. Lamarck et al.]* 5: 148 [9 Jan. 1804] (Poiret 1804), *nom. illeg. superfl.* (based on *Saouari glabra*). — *Rhizobolus saouari* Corrêa, *Ann. Mus. Natl. Hist. Nat.* 8: 394 (Corrêa 1806), *nom. illeg. superfl.* (based on *Saouari glabra*). — *Rhizobolus souari* Steud., *Nomencl. Bot. [Steudel]* 1: 688 (Steudel 1821), “*Souari*”, *nom. illeg. superfl.* (based on *Saouari glabra*). — *Rhizobolus glaber* (Aubl.) Corrêa ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 449 (Steudel 1841), *nom. illeg. superfl.* (based on *Caryocar glabrum*, i.e. on the type of *Saouari* Aubl.)

*Caryocar toxiferum* Barb.Rodr., *Vellozia* 1: 11 (Barbosa Rodrigues 1888).

*Caryocar coccineum* Pilg., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 127 [10 July 1927] (Pilger 1927).

*Caryocar tessmannii* Pilg., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 126 [10 July 1927] (Pilger 1927).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: sawa • Ka: alukumalilan, sawali • Wp: peke’a lâ • Wn: inuuman • Nt: agugagi, maka sii • Cr: chawari-gran-bwa, chawari-rouj • Fr: chawari montagne • Br: piquiárana, tatajuba.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, LINN[LINN-HS 968.3] designated by Prance [Prance & Silva 1973: 40]).

INVENTORY DATA (FG). — 271 trees in 144 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 143$  cm.

[247] *Caryocar microcarpum* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 133 (Ducke 1925).

*Caryocar glabrum* var. *edule* Wittm., *Fl. Bras. [Martius]* 12 (1): 349 [1 Apr. 1886] (Wittmack 1886).

*Caryocar glabrum* var. *pilosum* Wittm., *Fl. Bras. [Martius]* 12 (1): 349 [1 Apr. 1886] (Wittmack 1886).

*Caryocar riparium* A.C.Sm., *Lloydia* 2 (3): 195 (Smith 1939).

NOTE. — *Caryocar glabrum* var. *edule* is *pro parte* in synonymy (excluding synonymy with *C. edule* Casar.)

VERNACULAR NAMES. — Pa: kwairu • Ka: alukumali • Te: alakubali • Wp: seweli • Wn: ulimë, wulimë • Nt: kasanyan, maka sii • Cr: chawari-dilo, chawari-rivié • Fr: chawari rivièrè • Br: piquiárana-do-igapó.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *M.-F. Prévost 1361*, 25 m × 80 cm.

INVENTORY DATA (FG). — 1 tree,  $dbh = 47.4$  cm.

[248] *Caryocar villosum* (Aubl.) Pers.  
(Fig. 15B)

*Syn. Pl. [Persoon]* 2 (1): 84 [Nov. 1806] (Persoon 1806), “*villosa*”. — *Saouari villosa* Aubl., *Hist. Pl. Guiane* 1: 601 [Jun.-Dec. 1775] (Aublet 1775). — *Pekea villosa* (Aubl.) Poir., *Encycl. [J. Lamarck et al.]* 5: 148 [9 Jan. 1804] (Poiret 1804).

*Pekea butyrosa* Aubl., *Hist. Pl. Guiane* 1: 594 [Jun.-Dec. 1775] (Aublet 1775), “*butirosa*”, *pro parte quoad fructus et flores tantum*. — *Rhizobolus butyrosus* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 840 [late Sep.-Nov. 1791] (Gmelin 1791), *pro parte folia exclusa*. — *Caryocar butyrosus* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (2): 1243 [Dec. 1799] (Willdenow 1799).

*Caryocar villosum* var. *aesculifolium* Wittm., *Fl. Bras. [Martius]* 12 (1): 354 [1 Apr. 1886] (Wittmack 1886).

*Caryocar villosum* var. *macrophyllum* Wittm., *Fl. Bras. [Martius]* 12 (1): 354 [1 Apr. 1886] (Wittmack 1886).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: pikia • Ka: pekea • Te: peke’a • Wp: peke’a • Wn: wake • Nt: agugagi, maka sii • Cr: bwa-dibè, pékéya • Fr: arbre à beurre, péquéia • Br: pequiá, piquiá.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P-JU, P00671713)].

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 200$  cm.

Family CELASTRACEAE R.Br.  
Genus *Cheiloclinium* Miers

[249] *Cheiloclinium cognatum* (Miers) A.C.Sm.

*Brittonia* 3 (3): 529 (Smith 1940). — *Kippistia cognata* Miers, *Trans. Linn. Soc. London* 28 (2): 417 [post 17 May 1872] (Miers 1872). — *Salacia cognata* (Miers) Peyr., *Fl. Bras. [Martius]* 11 (1): 144 [1 Feb. 1878] (Peyritsch 1878).

*Salacia cognata* var. *egensis* Peyr., *Fl. Bras. [Martius]* 11 (1): 144 [1 Feb. 1878] (Peyritsch 1878), “*Egensis*”. — *Tontelea egensis* Poepp. ex Peyr., *Fl. Bras. [Martius]* 11 (1): 144 [1 Feb. 1878] (Peyritsch 1878), *nom. nud. pro syn.*

*Salacia cognata* var. *genuina* Peyr., *Fl. Bras. [Martius]* 11 (1): 144 [1 Feb. 1878] (Peyritsch 1878), *nom. inval.* (Turland *et al.* 2018: Art. 24.3). — *Cheiloclinium lineolatum* (A.C.Sm.) A.C.Sm., *Brittonia* 3 (3): 533 (Smith 1940).





FIG. 15. — Caricaceae: **A**, *Jacaratia spinosa* (Aubl.) A.DC. (*M.-F. Prévost et al.* 4478). Caryocaraceae: **B**, *Caryocar villosum* (Aubl.) Pers. (*M.-F. Prévost & S. Gonzalez* 5329). Celastraceae: **C**, *Maytenus* sp. B (*D. Sabatier et al.* 4786); **D**, *Zinowiewia aymardii* Steyerem. © D. Sabatier/IRD.

*Elaeodendron macrophyllum* Rusby, *Descr. S. Amer. Pl.* 24 [20 Dec. 1920] (Rusby 1920).

*Salacia sphaerocarpa* Rusby, *Descr. S. Amer. Pl.* 52 [20 Dec. 1920] (Rusby 1920).

*Salacia lineolata* A.C.Sm., *Bull. Torrey Bot. Club* 66 (4): 234 [Apr. 1939] (Smith 1939).

*Cheiloclinium neglectum* A.C.Sm., *Brittonia* 3 (3): 532 (Smith 1940).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Sometimes found as a liana.

VERNACULAR NAMES. — Pa: arak-priyu • Ka: aletipi • Wp: ipo átá, tatu mîla • Br: pitombinha, uarutama.

HERBARIUM DATA (FG). — 92 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2152.

INVENTORY DATA (FG). — 69 trees in 48 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.6$  cm.

## Genus *Maytenus* Molina

### [250] *Maytenus guyanensis* Klotzsch ex Reissek

*Fl. Bras. [Martius]* 11 (1): 19 [15 Feb. 1861] (Reissek 1861). — *Maytenus guyanensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1097 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. subnud.*

*Maytenus guyanensis* f. *crenulata* Steyerem., *Fieldiana, Bot.* 28 (2): 338 (Steyermark 1952), “*guyanensis*”.

NOTE. — Reissek cited “*M. guyanensis* Kl.” [instead of “*guyanensis*”], but as *M. guyanensis* Klotzsch is not validly published, “*guyanensis*” should be considered as the original spelling.

VERNACULAR NAMES. — Ka: uwato epityi • Br: chichuasca.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2541.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 57.6$  cm.

[251] *Maytenus* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2850*.

INVENTORY DATA (FG). — 1 tree, dbh = 69.6 cm.

[252] *Maytenus* sp. B  
(Fig. 15C)

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al. 4786*.

INVENTORY DATA (FG). — 11 trees in 8 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 40.3$  cm.

Genus *Monteverdia* A.Rich.[253] *Monteverdia floribunda* (Reissek) Biral

*Syst. Bot.* 42 (4): 689 [publ. 18 Dec. 2017] (Biral 2017). — *Maytenus floribunda* Reissek, *Fl. Bras. [Martius]* 11 (1): 16 [15 Feb. 1861] (Reissek 1861).

*Maytenus cardenasii* Rusby, *Mem. New York Bot. Gard.* 7: 290 (Rusby 1927).

*Maytenus erythrocarpa* Rusby, *Mem. New York Bot. Gard.* 7: 290 (Rusby 1927).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1994*.

INVENTORY DATA (FG). — 14 trees in 12 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 24.5$  cm.

[254] *Monteverdia myrsinoides* (Reissek) Biral

*Syst. Bot.* 42 (4): 689 [publ. 18 Dec. 2017] (Biral 2017). — *Maytenus myrsinoides* Reissek, *Fl. Bras. [Martius]* 11 (1): 21 [15 Feb. 1861] (Reissek 1861). — *Maytenus reissekii* Urb., *Festschr. Ascherson* 58 (Urban 1904), *nom. illeg. superfl.* (based on *Maytenus myrsinoides* Reissek, *non* Urb. [Urban 1904]).

NOTE. — By transferring *Myginda myrsinoides* Kunth [= *Crosso-petalum myrsinoides* (Kunth) Kuntze (1891), “*myrtinodes*”) into *Maytenus* Molina, Urban (1904: 58) created a later homonym of *Maytenus myrsinoides* Reissek. Curiously, he treated the latter as if it was itself the later homonym, and created a new name for the corresponding taxon. As a result, *Maytenus reissekii* is superfluous.

VERNACULAR NAMES. — Ka: palakasana • Wp: kawé lá • Cr: bwa-bich • Br: apiranga, cafezinho.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 910*.

INVENTORY DATA (FG). — 20 trees in 16 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 68.4$  cm.

[255] *Monteverdia oblongata* (Reissek) Biral

*Syst. Bot.* 42 (4): 689 [publ. 18 Dec. 2017] (Biral 2017). — *Maytenus oblongata* Reissek, *Fl. Bras. [Martius]* 11 (1): 25 [15 Feb. 1861] (Reissek 1861).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2086*.

INVENTORY DATA (FG). — 170 trees in 77 plots;  $F_{\max} = 1.1\%$ ;  $\text{dbh}_{\text{inv}} = 86$  cm.

Genus *Salacia* L.[256] *Salacia elliptica* (Mart.) G. Don

*Gen. Hist.* 1: 628 [early Aug. 1831] (Don 1831). — *Anthodon ellipticus* Mart., *Mant. 1 [Schultes]*: 348 (Martius 1822), “*Anthodus*”. — *Tonsella elliptica* (Mart.) Spreng., *Syst. Veg. [Sprengel]* 1: 178 [“1825” publ. late 1824] (Sprengel 1824). — *Raddia elliptica* (Mart.) Miers, *Trans. Linn. Soc. London* 28 (2): 395 [post 17 May 1872] (Miers 1872).

*Anthodon glomeratus* Mart., *Mant. 1 [Schultes]*: 348 (Martius 1822), “*Anthodus*”. — *Tonsella glomerata* (Mart.) Spreng., *Syst. Veg. [Sprengel]* 1: 177 [“1825” publ. late 1824] (Sprengel 1824). — *Salacia glomerata* (Mart.) G. Don, *Gen. Hist.* 1: 628 [early Aug. 1831] (Don 1831). — *Raddia glomerata* (Mart.) Miers, *Trans. Linn. Soc. London* 28 (2): 397 [post 17 May 1872] (Miers 1872).

*Anthodon oblongifolius* Mart., *Mant. 1 [Schultes]*: 348 (Martius 1822), “*Anthodus*”. — *Tonsella oblongifolia* (Mart.) Spreng., *Syst. Veg. [Sprengel]* 1: 178 [“1825” publ. late 1824] (Sprengel 1824). — *Salacia oblongifolia* (Mart.) G. Don, *Gen. Hist.* 1: 628 [early Aug. 1831] (Don 1831). — *Raddia oblongifolia* (Mart.) Miers, *Trans. Linn. Soc. London* 28 (2): 393 [post 17 May 1872] (Miers 1872). — *Salacia elliptica* var. *oblongifolia* (Mart.) Peyr., *Fl. Bras. [Martius]* 11 (1): 157 [1 Feb. 1878] (Peyritsch 1878).

*Salacia obtusifolia* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 105 [10 Oct. 1829] (Cambessèdes 1829). — *Tontelea obtusifolia* (Cambess.) Endl. ex Walp., *Repert. Bot. Syst. [Walpers]* 1 (3): 400 [6-8 Nov. 1842] (Walpers 1842).

*Salacia erythroxyloides* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 106 [10 Oct. 1829] (Cambessèdes 1829). — *Tontelea erythroxyloides* (Cambess.) Endl. ex Walp., *Repert. Bot. Syst. [Walpers]* 1 (3): 400 [6-8 Nov. 1842] (Walpers 1842).

*Salacia obtusifolia* var. *parviflora* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 106 [10 Oct. 1829] (Cambessèdes 1829).

*Tontelea guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 2: 9 [12-15 July 1848] (Klotzsch 1848), *nom. nud.*

*Salacia guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1183 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Raddia fasciculata* Miers, *Trans. Linn. Soc. London* 28 (2): 391 [post 17 May 1872] (Miers 1872).

*Raddia firmifolia* Miers, *Trans. Linn. Soc. London* 28 (2): 391 [post 17 May 1872] (Miers 1872).

*Raddia lacunosa* Miers, *Trans. Linn. Soc. London* 28 (2): 392 [post 17 May 1872] (Miers 1872). — *Salacia lacunosa* (Miers) Peyr., *Fl. Bras. [Martius]* 11 (1): 158 [1 Feb. 1878] (Peyritsch 1878).

*Raddia pachyphylla* Miers, *Trans. Linn. Soc. London* 28 (2): 396 [post 17 May 1872] (Miers 1872). — *Salacia pachyphylla* (Miers) Peyr., *Fl. Bras. [Martius]* 11 (1): 158 [1 Feb. 1878] (Peyritsch 1878).

*Salacia elliptica* var. *apiculata* Peyr., *Fl. Bras. [Martius]* 11 (1): 157 [1 Feb. 1878] (Peyritsch 1878).

*Salacia affinis* Peyr., *Fl. Bras. [Martius]* 11 (1): 159 [1 Feb. 1878] (Peyritsch 1878).

*Salacia amygdalina* Peyr., *Fl. Bras. [Martius]* 11 (1): 159 [1 Feb. 1878] (Peyritsch 1878).

*Salacia duckei* A.C.Sm., *Contr. U.S. Natl. Herb.* 29 (8): 331 [23 Jan. 1950] (Smith 1950).

*Salacia induta* Rizzini, *Rodriguésia* 28 (41): 171 (Rizzini 1976).

NOTE. — Mostly as a liana, rarely a tree.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2028*.

INVENTORY DATA (FG). — 1 tree, dbh = 17 cm.

[257] *Salacia impressifolia* (Miers) A.C.Sm.

*Bull. Torrey Bot. Club* 66 (4): 247 [Apr. 1939] (Smith 1939). — *Raddia impressifolia* Miers, *Trans. Linn. Soc. London* 28 (2): 392 [post 17 May 1872] (Miers 1872).

*Anthodon grandiflorus* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 4: 10 (Bentham 1852). — *Salacia grandiflora* (Benth.) Peyr., *Fl. Bras. [Martius]* 11 (1): 157 [1 Feb. 1878] (Peyritsch 1878), *nom. illeg. hom.*, *non* Kurz (1872).

*Salacia polyanthomaniaca* Barb.Rodr., *Vellozia* 1: 16 (Barbosa Rodrigues 1888).

VERNACULAR NAMES. — Wp: kusi'u sē'ē, wali lapi'a • Br: tartaruginha, waimiratipi.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sibatier 876*.

SIZE. — Up to 12 m tall (Mennega & Hedin 1999).

[258] *Salacia juruana* Loes.

*Verb. Bot. Vereins Prov. Brandenburg* 48: 181 ["1906" publ. 8 Mar. 1907] (Loesener 1907).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15534*.

SIZE. — Ecuador, Pastaza. *A. Alvarez 2510* (MO), 12 m × 14.5 cm.

Genus *Zinowiewia* Turcz.

[259] *Zinowiewia aymardii* Steyermark  
(Fig. 15D)

*Ann. Missouri Bot. Gard.* 75 (3): 1064 [19 Oct. 1988] (Steyermark 1988).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sibatier & J.-F. Molino 5692*.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 82$  cm.

Family CHRYSOBALANACEAE R.Br.  
Genus *Acioa* Aubl.

[260] *Acioa guianensis* Aubl.  
(Fig. 16A, B)

*Hist. Pl. Guiane* 2: 698 [Jun.-Dec. 1775] (Aublet 1775). — *Acia dulcis* Willd., *Sp. Pl.*, ed. 4 3 (1): 717 (Willdenow 1800), *nom. illeg. superfl.* (based on *Acioa guianensis*). — *Acioa dulcis* Steud., *Nomencl. Bot. [Steudel]* 1: 9 (Steudel 1821), *nom. illeg. superfl.* (based on *Acioa guianensis*). — *Moquilea aubletiana* Blume, *Mus. Bot.* 2 (1-8): 92 ["1852" publ. Feb. 1856] (Blume 1856), *nom. nov.* (based on *Acioa guianensis*), *non* *Moquilea guianensis* Aubl. — *Licania aubletiana* (Blume) Lemée, *Fl. Guyane Franç.* 2: 23 (Lemée 1952).

VERNACULAR NAMES. — Pa: ašiu-aška • Nt: nengee udu • Cr: achiwa • Br: castanha-de-cotia.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000953533]).

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 84.8$  cm.

[261] *Acioa somnolens* Maguire

*Brittonia* 7: 272 [Dec. 1951] (Maguire 1951).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *E.M. Mélinon 230*, 1842 (holo-, P[P00741119]; iso-, P[P00741120]).

Genus *Chrysobalanus* L.

[262] *Chrysobalanus icaco* L.

*Sp. Pl.* 1: 513 [1 May 1753] (Linnaeus 1753).

*Chrysobalanus purpureus* Mill., *Gard. Dict.*, ed. 8, n. 2 [16 Apr. 1768] (Miller 1768).

*Chrysobalanus pellocarpus* G.Mey., *Prim. Fl. Esseq.* 193 [Nov. 1818] (Meyer 1818). — *Chrysobalanus icaco* var. *pellocarpus* (G.Mey.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 7 [17 Apr. 1867] (Hooker 1867). — *Chrysobalanus icaco* subsp. *pellocarpus* (G.Mey.) E.Murray, *Kalmia* 12: 19 (Murray 1982).

*Chrysobalanus ellipticus* Sol. ex Sabine, *Trans. Hort. Soc. London* 5: 453 (Sabine 1824). — *Chrysobalanus icaco* var. *ellipticus* (Sol. ex Sabine) Hook.f., *Fl. Bras. [Martius]* 14 (2): 7 [17 Apr. 1867] (Hooker 1867). — *Chrysobalanus icaco* subsp. *ellipticus* (Sol. ex Sabine) Souza, *Ann. Univ. Abidjan, C.* 15: 101 (Souza 1980).

*Chrysobalanus luteus* Sabine, *Trans. Hort. Soc. London* 5: 453 (Sabine 1824). — *Chrysobalanus icaco* var. *luteus* (Sabine) Souza, *Ann. Univ. Abidjan, C.* 15: 104 (Souza 1980).

*Chrysobalanus orbicularis* Schumacher, *Beskr. Guin. Pl.* 232 (Schumacher 1827). — *Chrysobalanus icaco* subsp. *orbicularis* (Schumacher) Souza, *Ann. Univ. Abidjan, C.* 15: 101 (Souza 1980).

*Chrysobalanus guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1024 ["1848" publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Chrysobalanus savannarum* Britton, *Bull. Torrey Bot. Club* 48 (12): 331 ["1921" publ. 1922] (Britton 1922).

*Chrysobalanus interior* Small, *Man. S.E. Fl.*: 645 (Small 1933).

*Chrysobalanus icaco* var. *genuinus* Stehlé, M. Stehlé & Quentin, *Fl. Guadeloupe [Stehlé]* 2 (3): 48 (Stehlé *et al.* 1949), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Chrysobalanus icaco* f. *albus* G. Klotz, *Wiss. Z. Friedrich-Schiller-Universität Jena, Math.-Naturwiss. Reihe (Beitr. Phytotax.)* 6 (29): 461 (Klotz 1980).

*Chrysobalanus icaco* var. *macrocarpus* Souza, *Ann. Univ. Abidjan, C.* 15: 104 (Souza 1980), *nom. inval.* (type not properly cited).

*Chrysobalanus icaco* var. *roseus* Souza, *Ann. Univ. Abidjan, C.* 15: 101 (Souza 1980), *nom. inval.* (no type designated).

NOTES. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). In French Guiana, restricted to coastal sandridges.

VERNACULAR NAMES. — Pa: warahu • Ka: konoto epi • Cr: prin-lans, prin-zikak • Br: guajuru.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *D. Sabatier* 4896, dbh = 12 cm.

### Genus *Couepia* Aubl.

#### [263] *Couepia bracteosa* Benth.

*J. Bot. [Hooker]* 2: 215 (Bentham 1840). — *Moquilea bracteosa* (Benth.) Walp., *Repert. Bot. Syst. [Walpers]* 2 (1): 7 [5-9 Apr. 1843] (Walpers 1843).

*Couepia bracteosa* var. *grandifolia* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 597 (Benoist 1923).

*Couepia bracteosa* var. *minor* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 117 (Ducke 1930).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Ka: kuwepi, kwepi • Br: marirana, pajurá-de-racha, pajurá-verdadeiro.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material of *Couepia bracteosa* var. *grandifolia*: P[P04848416, P04848419, P04848420]).

INVENTORY DATA (FG). — 107 trees in 46 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.1$  cm.

#### [264] *Couepia caryophylloides* Benoist

*Bull. Mus. Natl. Hist. Nat.* 28: 253 (Benoist 1922).

VERNACULAR NAMES. — Pa: bukutru-gateu-duwē • Wp: wila yisī • Nt: kwebi kookoo • Cr: bwa-golèt, golèt-nwé, grigri-rouj • Fr: gaulette noire • Br: pajurá-verdadeiro.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *G. Wachenheim sér. 3, 0.11* (holo-, P[P00741076]; iso-, P[P00741077, P00741078]).

INVENTORY DATA (FG). — 205 trees in 78 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 131$  cm.

#### [265] *Couepia excelsa* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 116 (Ducke 1930).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wn: kula waju.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M. Fleury* 1348.

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.2$  cm.

#### [266] *Couepia exflexa* Fanshawe & Maguire

*Bull. Torrey Bot. Club* 75 (4): 376 [Jul.-Aug. 1948] (Fanshawe & Maguire 1948).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 23464.

SIZE. — Guyana. *P. Mutchnick et al.* 117 (MO), 15 m.

#### [267] *Couepia guianensis* Aubl. subsp. *guianensis*

*Hist. Pl. Guiane* 1: 519 [Jun.-Dec. 1775] (Aublet 1775). — *Acia amara* Willd., *Sp. Pl.*, ed. 4 3 (1): 717 (Willdenow 1800), *nom. illeg. superfl.* (based on *Couepia guianensis*). — *Acioa amara* Steud., *Nomencl. Bot. [Steudel]* 1: 9 (Steudel 1821), *nom. illeg. superfl.* (based on *Couepia guianensis*). — *Moquilea couepia* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 159 (Steudel 1841), *nom. illeg. superfl.* (based on *Couepia guianensis*).

*Couepia leptostachya* Benth. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 44 [17 Apr. 1867] (Hooker 1867).

*Couepia versicolor* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 596 (Benoist 1923).

*Couepia surinamensis* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 390 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kwep-puvemna • Ka: kuwepi, kwepi • Te: alama'i • Nt: kwebi kookoo • Cr: bwa-golèt, golèt-koumaté • Fr: gaulette • Br: pajurá-verdadeiro.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM000065023] designated by Prance [1981: 349]).

INVENTORY DATA (FG). — 207 trees in 97 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 72.1$  cm.

#### [268] *Couepia guianensis* subsp. *glandulosa* (Miq.) Prance

*Brittonia* 33 (3): 350 (Prance 1981). — *Couepia glandulosa* Miq., *Stirp. Surinam. Select.*: 28 [“1850” publ. Mar. 1851] (Miquel 1851). — *Moquilea glandulosa* (Miq.) Walp., *Ann. Bot. Syst. [Walpers]* 2 (3): 463 [25-28 Feb. 1852] (Walpers 1852).

*Couepia myrtifolia* Benth. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 44 [17 Apr. 1867] (Hooker 1867).

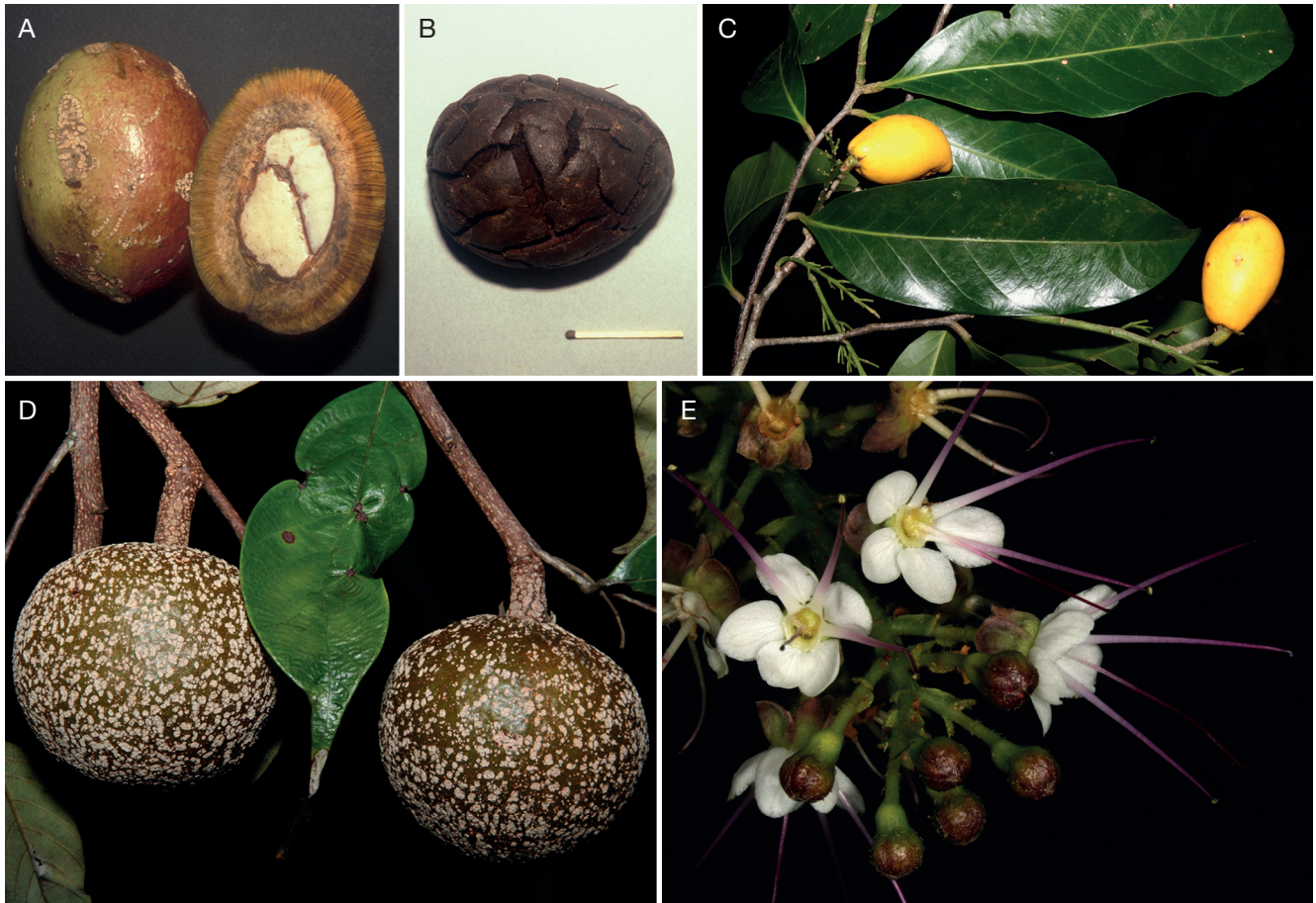


FIG. 16. — Chrysobalanaceae: **A, B**, *Acioa guianensis* Aubl.; **C**, *Couepia joaquinae* Prance (D. Sabatier & J.-F. Molino 5341); **D**, *Gaulettia elata* (Ducke) Sothers & Prance (D. Sabatier & M.-F. Prévost 4932); **E**, *Hirtella davisii* Sandwith (D. Sabatier & J.-F. Molino 5708). A, B, © M.-F. Prévost/IRD; C-E, © D. Sabatier/IRD.

*Couepia thyrsoiflora* Hook.f., *Fl. Bras. [Martius]* 14 (2): 45 [17 Apr. 1867] (Hooker 1867).

VERNACULAR NAMES. — Wp: kumalaki sili, pali'i sili • Cr: bwa-golèt, golèt-koumaté • Br: pajurá-verdadeiro.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: M.-F. Prévost & P. Grenand 2027.

SIZE. — Brazil, Pará. *G.T. Prance 1701* (MO), 12 m × 15 cm.

[269] *Couepia habrantha* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 249 (Standley 1937).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: S.A. Mori *et al.* 25554.

INVENTORY DATA (FG). — 45 trees in 26 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 46.2$  cm.

[270] *Couepia joaquinae* Prance  
(Fig. 16C)

*Kew Bull.* 46 (1): 107 (Prance 1991).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: bukutru-ateu, bukutru-gateu.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 5341.

INVENTORY DATA (FG). — 27 trees in 13 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 41.4$  cm.

[271] *Couepia magnoliifolia* Benth. ex Hook.f.

*Fl. Bras. [Martius]* 14 (2): 43 [17 Apr. 1867] (Hooker 1867).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: D. Loubry 1698.

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.2$  cm.

[272] *Couepia martinii* Prance

*Fl. Neotrop. Monogr.* 9: 238 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — Apparently endemic, presence attested by a single collection, *J. Martin s.n.* (holo-, NY[00428114]);

iso-, BM[BM000602473, BM000602474, BM000602475], F[V0053868F], K[K000220967, K000220968]).

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[273] *Couepia obovata* Ducke

*Arch. Inst. Biol. Veg.* 2 (1): 35 [Sep. 1935] (Ducke 1935).

VERNACULAR NAMES. — Br: macucu-murici, pajurazinho, uchirana.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3125*.

INVENTORY DATA (FG). — 20 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 61.1$  cm.

[274] *Couepia rankiniae* Prance

*Kew Bull.* 47 (4): 640 (Prance 1992), “*rankinae*”, “*rankinii*” on figure.

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al. 25174*.

SIZE. — Up to 20 m tall (Prance 1992).

[275] *Couepia* sp. A

NOTE. — This species resembles *C. cognata* (Steud.) Fritsch.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-E. Molino 5634*.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.8$  cm.

Genus *Exellodendron* Prance

[276] *Exellodendron barbatum* (Ducke) Prance

*Fl. Neotrop. Monogr.* 9: 199 [8 June 1972] (Prance 1972). — *Parinari barbata* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 45 (Ducke 1922), “*Parinarium barbatum*”.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 6121*.

INVENTORY DATA (FG). — 15 trees in 6 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 26.4$  cm.

Genus *Gaulettia* Sothers & Prance

[277] *Gaulettia canomensis* (Mart.) Sothers & Prance

*Phytotaxa* 172 (3): 184 [18 June 2014] (Sothers & Prance 2014). — *Hirtella canomensis* (Mart.) Spreng., *Syst. Veg. [Sprengel]* 4 (2): 341 [Jan.-June 1827] (Sprengel 1827). — *Moquilea canomensis* Mart., *Nova genera et species plantarum [Martius]* 2 (2): 80 [Jan.-June 1827] (Martius 1827). — *Couepia canomensis* (Mart.) Benth. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 42 [17 Apr. 1867] (Hooker 1867).

*Parinari pilosa* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 259 (Standley 1937).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & M.-F. Prévost 3215*.

INVENTORY DATA (FG). — 1 tree, dbh = 17.8 cm.

[278] *Gaulettia elata* (Ducke) Sothers & Prance (Fig. 16D)

*Phytotaxa* 172 (3): 186 [18 June 2014] (Sothers & Prance 2014). — *Couepia elata* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 35 (Ducke 1935).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & S. Gonzalez 5370*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[279] *Gaulettia parillo* (DC.) Sothers & Prance

*Phytotaxa* 172 (3): 188 [18 June 2014] (Sothers & Prance 2014). — *Couepia parillo* DC., *Prodr. [A. P. de Candolle]* 2: 526 [mid Nov. 1825] (Candolle 1825). — *Moquilea parillo* (DC.) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 159 (Steudel 1841), “*parilla*”.

*Couepia pauciflora* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 372 (Huber 1909).

*Couepia villosa* Fanshawe & Maguire, *Bull. Torrey Bot. Club* 75 (4): 378 [Jul.-Aug. 1948] (Fanshawe & Maguire 1948).

VERNACULAR NAMES. — Pa: â-kiavũ, â-kiavunõ • Ka: palipyo, polipyo, polipyoli • Wp: pal'i lâ • Cr: golêt-ti-fey.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (“Herb. Ventenat”) (type G[G00177583]).

INVENTORY DATA (FG). — 26 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42$  cm.

Genus *Hirtella* L.

[280] *Hirtella araguariensis* Prance

*Fl. Neotrop. Monogr.* 9: 278 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *C. Delnatte 1445*.

INVENTORY DATA (FG). — 1 tree, dbh = 17.5 cm.

[281] *Hirtella bicornis* Mart. & Zucc. var. *bicornis*

*Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 1: 377 (Martius & Zuccarini 1832).

*Hirtella praealta* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 15: 304 (Sagot 1883).

VERNACULAR NAMES. — Pa: bukutru-gateu-duwë, bukutru-gateu-seinõ-puvemna • Ka: kumboeta ši, malimiapo • Te: wila pulua • Wp: tulipalapo, weyu'i • Nt: atila kookoo, kookoo • Cr: golêt-ti-fey • Fr: gaulette à petites feuilles • Br: ajuru, caraipé, caripé.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P.A. Sagot* 792, Aug. 1855 (holotype of *Hirtella praealta*: P[P00741050]; iso-, B[not seen, photo F neg. 3351], BR[BR0000006969158], F[V0044063F], G[G00359638], GOET[GOET000875], K[K000220875, K000220876], L[L.1890947], MPU[MPU024071], NY[00335297, 00428266], P[P00741051, P00741052], S[S-R-8150], U[U0001103, U0001104]).

INVENTORY DATA (FG). — 292 trees in 94 plots;  $F_{\max} = 5.1\%$ ;  $dbh_{\text{inv}} = 48.1$  cm.

[282] *Hirtella bicornis* var. *pubescens* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 269 (Ducke 1922).

*Hirtella caudata* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 389 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

VERNACULAR NAMES. — Wp: tulipalapo, weyu’i • Cr: golèt-ti-fey • Br: ajuru, caraipé, caripé.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2744.

INVENTORY DATA (FG). — 23 trees in 15 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 36.5$  cm.

[283] *Hirtella ciliata* Mart. & Zucc.

*Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 1: 378 (Martius & Zuccarini 1832).

*Grangeria brasiliensis* Hoffmanns. ex Mart. & Zucc., *Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 1: 378 (Martius & Zuccarini 1832), *nom. nud. pro syn.*

*Hirtella rubra* Benth., *J. Bot. [Hooker]* 2: 217 (Bentham 1840).

*Hirtella rotundata* Pilg., *Notizbl. Königl. Bot. Gart. Berlin* 6: 140 [20 Mar. 1914] (Pilger 1914).

VERNACULAR NAMES. — Ka: kumboeta ši, kumboeta sipyoti, kupešinilan • Br: ajururana, chorão.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-P. Lescure* 708.

SIZE. — Up to 12 m tall (Prance 1986).

[284] *Hirtella davisii* Sandwith  
(Fig. 16E)

*Bull. Misc. Inform. Kew* 1935 (3): 125 [20 May 1935] (Sandwith 1935).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5708.

INVENTORY DATA (FG). — 34 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 55.4$  cm.

[285] *Hirtella glandulistipula* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 265 (Ducke 1922).

HERBARIUM DATA (FG). — A single collection, *C. Feuillet et al.* 10083 (MO).

INVENTORY DATA (FG). — 1 tree,  $dbh = 15.8$  cm.

[286] *Hirtella glandulosa* Spreng.

*Neue Entdeck. Pflanzenk.* 1: 303 (Sprengel 1820).

*Hirtella damaziana* Beauverd, *Bull. Herb. Boissier*, sér. 2, 7: 706 (Beauverd 1907).

*Hirtella hookeri* Pilg., *Notizbl. Königl. Bot. Gart. Berlin* 6: 139 [20 Mar. 1914] (Pilger 1914).

*Hirtella velutina* Pilg., *Notizbl. Königl. Bot. Gart. Berlin* 6: 141 [20 Mar. 1914] (Pilger 1914).

*Hirtella wachenheimii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 595 (Benoist 1923).

VERNACULAR NAMES. — Pa: bukutru-gateu-seinó • Wp: iwikwisĩ, mukwisĩ • Nt: kookoo, nengee udu • Cr: golèt-blanc • Fr: gaulette blanche • Br: vermelhão.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *G. Wachenheim* 372 (holotype of *Hirtella wachenheimii*: P[P00741073]; iso-, K[K000220855], P[P00741074, P00741075]).

INVENTORY DATA (FG). — 117 trees in 73 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 59.7$  cm.

[287] *Hirtella hispidula* Miq.

*Stirp. Surinam. Select.*: 27 [“1850” publ. Mar. 1851] (Miquel 1851).

*Hirtella egenesis* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 5: 10 (Fritsch 1890), “*Egenesis*”.

*Hirtella subsetosa* Fanshawe & Maguire, *Bull. Torrey Bot. Club* 75 (4): 381 [Jul.-Aug. 1948] (Fanshawe & Maguire 1948).

VERNACULAR NAMES. — Pa: ahavuyie • Wn: kulunë ki.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 1661.

INVENTORY DATA (FG). — 37 trees in 17 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 21.2$  cm.

[288] *Hirtella macrophylla* Benth. ex Hook.f.

*Fl. Bras. [Martius]* 14 (2): 36 [17 Apr. 1867] (Hooker 1867).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *P. Grenand et al.* 3380.

SIZE. — Brazil, Mato Grosso. *C.A. Cid Ferreira* 5668 (MO), 13 m × 12 cm.

[289] *Hirtella macrosepala* Sandwith

*Bull. Misc. Inform. Kew* 1939 (10): 549 [“1939” publ. 6 Jan. 1940] (Sandwith 1940).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *Service Forestier 7237*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[290] *Hirtella margae* Prance

*Proc. Kon. Ned. Akad. Wetensch. C* 89 (1): 111 (Prance 1986).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2994*.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.1$  cm.

[291] *Hirtella obidensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 267 (Ducke 1922).

*Hirtella lanceolata* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 388 (Kleinhoonte 1926).

*Hirtella copenamensis* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 30: 180 (Kleinhoonte 1933).

VERNACULAR NAMES. — Ka: kwepilan.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5079*.

INVENTORY DATA (FG). — 10 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[292] *Hirtella paniculata* Sw.  
(Fig. 17A)

*Prodr. [Swartz]* 51 [20 Jun.-29 July 1788] (Swartz 1788). — *Hirtella hirsuta* Lam., *Tabl. Encycl.* 2[4 (2)]: 114 [6 Nov. 1797] (Lamarck 1797), *nom. illeg. superfl.* (based on *Hirtella paniculata*). — *Hirtella aggregata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 53 [24 Sep. 1813] (Poiré 1813), *nom. illeg. superfl.* (based on *Hirtella paniculata*).

*Hirtella indecora* Schott ex Spreng., *Syst. Veg. [Sprengel]* 4 (2): 404 [Jan.-June 1827] (Sprengel 1827), *nom. nud. pro syn.*

*Hirtella bracteosa* Steud., *Flora* 26 (45): 761 [17 Dec. 1843] (Steudel 1843).

VERNACULAR NAMES. — Pa: ahavuiye, ahavuiye-seine • Ka: alilime'i, kumboeta ši, kumboeta sipyoti, kupešinilan • Wp: yanu'i pilá, yanu'i yowa.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.P.B. von Rohr s.n.* (original material BM[BM000617503]); *M.-F. Prévost 3856*,  $dbh = 12$  cm.

[293] *Hirtella racemosa* Lam. var. *racemosa*

*Encycl. [J. Lamarck et al.]* 3 (1): 133 [19 Oct. 1789] (Lamarck 1789).

*Tachibota guianensis* Aubl., *Hist. Pl. Guiane* 1: 287 [Jun.-Dec. 1775] (Aublet 1775). — *Salmasia guianensis* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 500 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Tachibota guianensis*). — *Salmasia racemosa* Willd., *Sp. Pl.*, ed. 4 1 (2): 1502 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Tachibota guianensis*).

*Hirtella nemorosa* Hoffmanns. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 274 [Dec. 1819] (Roemer & Schultes 1819).

*Hirtella scandens* Hoffmanns. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 274 [Dec. 1819] (Roemer & Schultes 1819).

*Hirtella violacea* Steud., *Flora* 26 (45): 761 [17 Dec. 1843] (Steudel 1843).

*Hirtella racemosa* var. *metallica* Cuatrec., *Fieldiana, Bot.* 27 (1): 60 (Cuatrecasas 1950).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *Tachibota guianensis* Aublet (1775: 287) predates *H. racemosa* Lamarck (1789: 133), but its epithet is no longer transferable because the name is occupied by *Hirtella guyanensis* (Fritsch) Sandwith (1931) (Sandwith 1963).

VERNACULAR NAMES. — Ka: kumboeta ši, kumboeta sipyoti, kupešinilan, piliwa epulu, piliwa pi • Wp: yanu'i, yanu'i pilá • Wn: kulumnë, kulumnë epí, kulunë epku • Nt: asiantefi • Cr: ti-golët, ti-golët-rouj • Br: caripérana-branca.

HERBARIUM DATA (FG). — 74 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lectotype of *Tachibota guianensis* [P-JJR, P00778468] designated by Lanjouw & Uittien [1940: 159]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.1$  cm.

[294] *Hirtella racemosa* var. *hexandra* (Willd.) Prance

*Fl. Neotrop. Monogr.* 9: 328 [8 June 1972] (Prance 1972). — *Hirtella hexandra* Willd., *Syst. Veg. [Roemer & Schultes]* 5: 274 [Dec. 1819] (Willdenow 1819). — *Hirtella americana* L. var. *hexandra* (Willd.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 33 [17 Apr. 1867] (Hooker 1867).

*Hirtella nitida* Humb. & Bonpl. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 274 [Dec. 1819] (Roemer & Schultes 1819).

*Hirtella acayacensis* Sessé & Moc. ex DC., *Prodr. [A. P. de Candolle]* 2: 529 [mid Nov. 1825] (Candolle 1825).

*Hirtella oblongifolia* DC., *Prodr. [A. P. de Candolle]* 2: 529 [mid Nov. 1825] (Candolle 1825). — *Hirtella americana* var. *oblongifolia* (DC.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 34 [17 Apr. 1867] (Hooker 1867). — *Hirtella racemosa* var. *oblongifolia* (DC.) Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 252 (Standley 1937).

*Hirtella rosea* Sessé & Moc. ex DC., *Prodr. [A. P. de Candolle]* 2: 529 [mid Nov. 1825] (Candolle 1825), *nom. nud. pro syn.*

*Hirtella coriacea* Mart. & Zucc., *Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 1: 383 (Martius & Zuccarini 1832).

*Hirtella filiformis* C.Presl, *Symb. Bot. [C. Presl]* 2: 23 [July 1834] (Presl 1834).

NOTES. — The name *Hirtella hexandra* is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15; see also IPNI



2020 and Taylor & Gereau 2019); hence the authorship is neither “Willd. ex Roem. & Schult.” nor “Willd. ex Schult.”

VERNACULAR NAMES. — Wn: kulumnë • Nt: asiantefi.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M. Fleury* 238.

SIZE. — Brazil, Maranhão. *B.A. Krukoff* 11867 (MO), 25 ft. × 4 inch. (7.5 m × 10 cm).

[295] *Hirtella silicea* Griseb.

*Fl. Brit. W.I. [Grisebach]* 229 [late 1860] (Grisebach 1860).

*Hirtella melinonii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 596 (Benoist 1923).

*Hirtella manigera* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 387 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kupešinilan, palipali • Wp: yanu’i pilá, yanu’i yowa • Cr: golèt-fronmi.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *E.M. Mélinon* 132, 1842 (holotype of *Hirtella melinonii*: P[P00741046]; iso-, NY[00428251], P[P00741045, P00741047], US[00130896]).

INVENTORY DATA (FG). — 9 trees in 3 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 10.8$  cm.

[296] *Hirtella suffulta* Prance

*Fl. Neotrop. Monogr.* 9: 308 [8 June 1972] (Prance 1972).

VERNACULAR NAMES. — Pa: inutauviye • Nt: kookoo.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3296.

INVENTORY DATA (FG). — 13 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.2$  cm.

[297] *Hirtella tenuifolia* Prance

*Fl. Neotrop. Monogr.* 9: 321 [8 June 1972] (Prance 1972).

VERNACULAR NAMES. — Pa: ahavuiye • Ka: kupešinilan, kumboeta ši, piliwa epulu • Wn: kulumnë epí, kulunë epku • Nt: santo.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *B. Maguire et al.* 47110 (holo-, NY[00468701]; iso-, IAN[IAN108482], US[00130913]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.9$  cm.

[298] *Hirtella triandra* Sw.

*Prodr. [Swartz]* 51 [20 Jun.-29 July 1788] (Swartz 1788). — *Chrysobalanus triandra* (Sw.) Morales, *Anales Acad. Ci. Med. Habana*

23: 390 (Morales 1887). — *Zamzela racemosa* Raf., *Sylva Tellur.*: 90 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Hirtella triandra*).

*Hirtella paniculata* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 133 [19 Oct. 1789] (Lamarck 1789), *nom. illeg. hom., non* Sw. (Swartz 1788).

*Hirtella cosmibuena* Lam., *Tabl. Encycl.* 2[4 (2)]: 114 [6 Nov. 1797] (Lamarck 1797).

*Hirtella racemosa* Ruiz & Pav., *Flora Peruviana* 3: 5 (Ruiz & Pavón 1802), *nom. illeg. hom., non* Lam. (Lamarck 1789).

*Hirtella peruviana* Pers., *Syn. Pl. [Persoon]* 1: 250 [1 Apr.-15 June 1805] (Persoon 1805). — *Sphenista peruviana* (Pers.) Raf., *Sylva Tellur.*: 91 (Rafinesque 1838).

*Hirtella castanea* DC., *Prodr. [A. P. de Candolle]* 2: 528 [mid Nov. 1825] (Candolle 1825).

*Hirtella bracteata* Mart. & Zucc., *Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 1: 384 (Martius & Zuccarini 1832).

*Hirtella jamaicensis* Urb., *Symb. Antill. [Urban]* 5 (3): 355 [20 May 1908] (Urban 1908).

*Hirtella multiflora* Urb., *Symb. Antill. [Urban]* 5 (3): 356 [20 May 1908] (Urban 1908).

NOTES. — *Hirtella peruviana* Pers. is a legitimate and valid replacement name for *H. racemosa* Ruiz & Pav. Although not intended as such (the older *H. racemosa* Lam. is not cited in the protologue), it complies with both requirements of Art. 6.13 (Turland *et al.* 2018): i) the potentially replaced name (*H. racemosa* Ruiz & Pav.) is given as synonym, and ii) the conditions for valid publication (description) are independently met. Being legitimate, it has to be treated as the basionym of *Sphenista peruviana* (Pers.) Raf.

HERBARIUM DATA (FG). — No specimen seen, present according to Prance & Sothers (2003b).

SIZE. — Up to 15 m tall (Prance & Sothers 2003b).

Genus *Hymenopus* (Benth.) Sothers & Prance

[299] *Hymenopus amapaensis* (Prance) Sothers & Prance (Fig. 17B)

*Kew Bull.* 71 (4)-58: 17 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania amapaensis* Prance, *Fl. Neotrop. Monogr.* 9: 174 [8 June 1972] (Prance 1972).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: inutauviye.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3953.

INVENTORY DATA (FG). — 19 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.9$  cm.

[300] *Hymenopus caudatus* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 17 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania caudata* Prance, *Fl. Neotrop. Monogr.* 9: 100 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24995.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.4$  cm.



FIG. 17. — Chrysobalanaceae: **A**, *Hirtella paniculata* Sw. (M.-F. Prévost 3856); **B**, *Hymenopus amapaensis* (Prance) Sothers & Prance (M.-F. Prévost & D. Sabatier 3002); **C**, *Hymenopus latistipulus* (Prance) Sothers & Prance (M.-F. Prévost & D. Sabatier 2992); **D**, *Licania ovalifolia* Kleinhoonte (D. Sabatier & J.-F. Molino 4835). A-C, © M.-F. Prévost/IRD; D, © D. Sabatier/IRD.

[301] *Hymenopus divaricatus* (Benth.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 17 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania divaricata* Benth., *J. Bot. [Hooker]* 2: 221 (Bentham 1840). — *Licania heteromorpha* Benth. var. *divaricata* (Benth.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 45 (Fritsch 1889).

VERNACULAR NAMES. — Pa: inutauviye • Ka: anaula, ityulutano yapopale.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 5629.

INVENTORY DATA (FG). — 33 trees in 3 plots;  $F_{\max} = 3.6\%$ ;  $dbh_{\text{inv}} = 50.5$  cm.

[302] *Hymenopus glabriflorus* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 18 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania glabriflora* Prance, *Fl. Neotrop. Monogr.* 9: 104 [8 June 1972] (Prance 1972).

VERNACULAR NAMES. — Ka: kumboeta šipyoti.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori* 2344.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[303] *Hymenopus heteromorphus* (Benth.) Sothers & Prance var. *heteromorphus*

*Kew Bull.* 71 (4)-58: 18 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania heteromorpha* Benth., *J. Bot. [Hooker]* 2: 221 (Bentham 1840).

*Licania guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1199 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Licania benthamii* Hook.f., *Fl. Bras. [Martius]* 14 (2): 12 [17 Apr. 1867] (Hooker 1867).

*Licania biglandulosa* Griseb. ex Urb., *Symb. Antill. [Urban]* 5 (3): 354 [20 May 1908] (Urban 1908).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: asiu, ašiu, asiu-seinō, ašiu-seinō, inutauviye • Ka: anaula, kumeti, yapopale • Wp: wila imi’i, wila umi’i • Wn: kulawaja, kulawaju • Nt: boliken kookoo • Cr: golèt-endjen, golèt-rouj • Fr: gaullette rouge • Br: caripérana, macucu-fofo.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2270.

INVENTORY DATA (FG). — 1001 trees in 136 plots;  $F_{\max} = 7.5\%$ ;  $dbh_{\text{inv}} = 53$  cm.

[304] *Hymenopus heteromorphus* var. *glabrus* (Mart. ex Hook.f.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 18 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania glabra* Mart. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 10 [17 Apr. 1867] (Hooker 1867). — *Licania heteromorpha* var. *glabra* (Mart. ex Hook.f.) Prance, *Fl. Neotrop. Monogr.* 9: 108 [8 June 1972] (Prance 1972).

*Licania costata* Spruce ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 10 [17 Apr. 1867] (Hooker 1867), *nom. nud. pro syn.*

VERNACULAR NAMES. — Wp: wila imi’i, wila umi’i • Cr: golèt-endjen, golèt-rouj • Fr: gaullette rouge • Br: caripérana, macucu-fofo.

HERBARIUM DATA (FG). — A single collection, *C. Baraloto et al.* 3500.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37.7$  cm.

[305] *Hymenopus intrapetiolaris* (Spruce ex Hook.f.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 19 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania intrapetiolaris* Spruce ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 11 [17 Apr. 1867] (Hooker 1867).

*Licania heteromorpha* var. *grandifolia* Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 513 (Benoist 1919).

*Licania intrapetiolaris* var. *brevis* J.F.Macbr., *Candollea* 5: 369 (Macbride 1934).

HERBARIUM DATA (FG). — A single collection, *J. Martin s.n.* (original material of *Licania heteromorpha* var. *grandifolia*: B[BM000602310], K[K000220657], US[00130810]).

SIZE. — Venezuela, Bolíva. *B.M. Boom* 10418 (MO), 15 m × 15 cm.

[306] *Hymenopus laevigatus* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 19 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania laevigata* Prance, *Fl. Neotrop. Monogr.* 9S: 41 [8 Mar. 1989] (Prance 1989).

VERNACULAR NAMES. — Pa: inutauviye • Wp: wila imi’i, wila umi’i • Br: macucu-sangue.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4234.

INVENTORY DATA (FG). — 7 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.3$  cm.

[307] *Hymenopus latifolius* (Benth. ex Hook.f.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 19 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania latifolia* Benth. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 11 [17 Apr. 1867] (Hooker 1867).

*Licania obovata* Benth. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 11 [17 Apr. 1867] (Hooker 1867).

VERNACULAR NAMES. — Pa: inutauviye • Br: macucu-sangue.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier* 1539.

INVENTORY DATA (FG). — 22 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.7$  cm.

[308] *Hymenopus latistipulus* (Prance) Sothers & Prance (Fig. 17C)

*Kew Bull.* 71 (4)-58: 20 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania latistipula* Prance, *Fl. Neotrop. Monogr.* 9: 103 [8 June 1972] (Prance 1972).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: wila imi’i wu, wila umi’i wu.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2417.

INVENTORY DATA (FG). — 50 trees in 354 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.7$  cm.

[309] *Hymenopus macrophyllus* (Benth.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 20 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania macrophylla* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 240 (Bentham 1850).

VERNACULAR NAMES. — Pa: inura • Ka: alauna, atana • Te: anawa • Wp: ana wila • Wn: kalapaimë, makalawalaimë • Nt: busi peesina • Cr: anawa, grigri-rouj • Br: anauera, anauira, macucu-terra, pintadinha.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *M.-F. Prévost 1364*, dbh 20 cm.

[310] *Hymenopus occultans* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 20 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania occultans* Prance, *Fl. Neotrop. Monogr.* 9S: 42 [8 Mar. 1989] (Prance 1989).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3857*.

INVENTORY DATA (FG). — 31 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.1$  cm.

[311] *Hymenopus reticulatus* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 21 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania reticulata* Prance, *Fl. Neotrop. Monogr.* 9: 97 [8 June 1972] (Prance 1972).

VERNACULAR NAMES. — Wp: wila imi'i, wila umi'i.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P. Grenand 642*; *M.-F. Prévost & D. Sabatier 2789*, height 18 m.

Genus *Leptobalanus* (Benth.) Sothers & Prance[312] *Leptobalanus apetalus* (E.Mey.) Sothers & Prance  
var. *apetalus*

*Kew Bull.* 71 (4)-58: 24 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Hirtella apetalus* E.Mey., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 803 (Meyer 1825). — *Licania apetalus* (E.Mey.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 54 (Fritsch 1889).

*Licania pendula* Benth., *J. Bot. [Hooker]* 2: 218 (Bentham 1840). — *Moquilea pendula* (Benth.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 22 [17 Apr. 1867] (Hooker 1867). — *Licania apetalus* var. *pendula* (Benth.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 55 (Fritsch 1889).

*Licania floribunda* Benth., *J. Bot. [Hooker]* 2: 219 (Bentham 1840). — *Moquilea floribunda* (Benth.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 21 [17 Apr. 1867] (Hooker 1867).

*Moquilea orinocensis* Rusby, *Descr. S. Amer. Pl.* 27 [20 Dec. 1920] (Rusby 1920).

*Licania dahlgrenii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 255 (Standley 1937).

*Licania hylaea* Cuatrec., *Brittonia* 8 (3): 198 [July 1956] (Cuatrecasas 1956).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: kuwepi, kwepi • Br: caraipé, caripé.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2780*.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42$  cm.

[313] *Leptobalanus apetalus* var. *apertus* (Benth.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 24 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania aperta* Benth., *J. Bot. [Hooker]* 2: 218 (Bentham 1840). — *Licania apetalus* var. *aperta* (Benth.) Prance, *Fl. Neotrop. Monogr.* 9: 68 [8 June 1972] (Prance 1972).

*Licania pubiflora* Benth., *J. Bot. [Hooker]* 2: 219 (Bentham 1840).

*Licania caracasana* Klotzsch ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 25 [17 Apr. 1867] (Hooker 1867), *nom. nud. pro syn.*

*Licania affinis* Kuntze, *Revis. Gen. Pl.* 1: 217 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. hom., non* Fritsch (1889).

*Licania kuntzeana* Urb., *Symb. Antill. [Urban]* 5 (3): 353 [20 May 1908] (Urban 1908), in obs. — *Moquilea kuntzeana* (Urb.) R.O. Williams, *Fl. Trinidad & Tobago* 1 (5): 314 [Aug. 1932] (Williams 1932).

VERNACULAR NAMES. — Ka: kuwepi, kwepi • Br: caraipé, caripé.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville 488*.

SIZE. — Up to 40 m tall (Prance 1972).

[314] *Leptobalanus granvillei* (Prance) Sothers & Prance

*Kew Bull.* 71 (4)-58: 26 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania granvillei* Prance, *Proc. Kon. Ned. Akad. Wetensch. C* 89 (1): 114 (Prance 1986).

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 14764* (holo-, NY[00345874]; iso-, CAY[CAY010621], P[P00745988]).

INVENTORY DATA (FG). — 132 trees in 48 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 47.7$  cm.

[315] *Leptobalanus latus* (J.F.Macbr.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 26 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania lata* J.F.Macbr., *Candollea* 5: 369 (Macbride 1934).

VERNACULAR NAMES. — Br: caripé, macucu-bobo.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1468*.

SIZE. — Up to 20 m tall (Prance 1986).

[316] *Leptobalanus longistylus* (Hook.f.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 26 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Moquilea longistyla* Hook.f., *Fl. Bras. [Martius]* 14 (2):

24 [17 Apr. 1867] (Hooker 1867). — *Licania longistyla* (Hook.f.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 56 (Fritsch 1889).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3243.

INVENTORY DATA (FG). — 77 trees in 27 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 44.8$  cm.

[317] *Leptobalanus octandrus*

(Hoffmanns. ex Roem. & Schult.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 27 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Hirtella octandra* Hoffmanns. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 274 [Dec. 1819] (Roemer & Schultes 1819). — *Licania octandra* (Hoffmanns. ex Roem. & Schult.) Kuntze, *Revis. Gen. Pl.* 1: 217 [5 Nov. 1891] (Kuntze 1891). — *Licania turiuva* Cham. & Schltdl., *Linnaea* 2: 550 (Chamisso & Schlechtendal 1827), “*Turiuva*”, *nom. illeg. superfl.* (based on *Hirtella octandra*). — *Moquilea turiuva* Hook.f., *Fl. Bras. [Martius]* 14 (2): 25 [17 Apr. 1867] (Hooker 1867), *nom. illeg. superfl.* (based on *Hirtella octandra*).

*Licania bothynophylla* Mart., *Flora* 24 (2, Beibl.): 15 (Martius 1841). — *Moquilea bothynophylla* (Mart.) Hook.f., *Fl. Bras. [Martius]* 14 (2): 26 [17 Apr. 1867] (Hooker 1867).

*Moquilea utilis* Hook.f., *Fl. Bras. [Martius]* 14 (2): 24 [17 Apr. 1867] (Hooker 1867). — *Licania utilis* (Hook.f.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 56 (Fritsch 1889).

*Licania sellowiana* Klotzsch ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 26 [17 Apr. 1867] (Hooker 1867), *nom. nud. pro syn.*

*Licania hookeri* Fritsch var. *obtus*a Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 368 (Huber 1909).

*Licania takutuensis* Standl., *Lloydia* 2 (3): 182 (Standley 1939).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *Moquilea turiuva* Hook.f. is based on the illegitimate *Licania turiuva* Cham. & Schltdl. It is thus treated as a new name, not a new combination.

VERNACULAR NAMES. — Ka: kuwepi, kwepi • Br: caraipé, caripé.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5300.

INVENTORY DATA (FG). — 27 trees in 9 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 52.4$  cm.

[318] *Leptobalanus persaudii*

(Fanshawe & Maguire) Sothers & Prance

*Kew Bull.* 71 (4)-58: 28 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Licania persaudii* Fanshawe & Maguire, *Bull. Torrey Bot. Club* 75 (4): 375 [Jul.-Aug. 1948] (Fanshawe & Maguire 1948).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kuwepi, kwepi.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24370.

SIZE. — Up to 30 m tall (Prance 1986).

[319] *Leptobalanus sprucei* (Hook.f.) Sothers & Prance

*Kew Bull.* 71 (4)-58: 28 [epubl. 15 Dec. 2016] (Sothers & Prance 2016). — *Moquilea sprucei* Hook.f., *Fl. Bras. [Martius]* 14 (2): 22 [17 Apr. 1867] (Hooker 1867). — *Licania sprucei* (Hook.f.) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 55 (Fritsch 1889).

VERNACULAR NAMES. — Pa: kwep • Nt: kookoo • Br: caraipé, caripé.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3657.

INVENTORY DATA (FG). — 160 trees in 59 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 39.6$  cm.

Genus *Licania* Aubl.

[320] *Licania affinis* Fritsch

*Ann. K. K. Naturhist. Hofmus.* 4: 50 (Fritsch 1889).

*Licania schomburgkiana* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1199 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

VERNACULAR NAMES. — Wp: pali’i towu • Cr: bwa-golèt, golèt.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 4834.

INVENTORY DATA (FG). — 23 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.6$  cm.

[321] *Licania alba* (Bernoulli) Cuatrec.

*Contr. U.S. Natl. Herb.* 35 (6): 588 [21 Aug. 1964] (Cuatrecasas 1964). — *Theobroma album* Bernoulli, *Neue Denkschr. Schw. Naturf. Ges.* 24 (3): 14 (Bernoulli 1871), “*alba*”.

*Caraipa longifolia* Aubl., *Hist. Pl. Guiane* 1: 561 [Jun.-Dec. 1775] (Aublet 1775).

*Licania venosa* Rusby, *Descr. S. Amer. Pl.* 26 [20 Dec. 1920] (Rusby 1920).

*Licania longifolia* Benoist, *Bull. Mus. Natl. Hist. Nat.* 28: 252 (Benoist 1923).

NOTES. — *Caraipa longifolia* Aubl. is the earliest name for this taxon, but the epithet is no longer transferable to *Licania* because the name is occupied by *L. longifolia* Benoist. Although also a synonym of *L. alba*, *L. longifolia* is not based on Aublet’s taxon, having a distinct type. Cuatrecasas (1964: 588) erroneously gives “Übersicht Theobroma 14. 1869” as the publication reference for *Theobroma album* Bernoulli; no such name is found therein.

VERNACULAR NAMES. — Pa: bukutru-gateu-seinó, kwep • Ka: kolokolo • Wp: iwa tā’iy, payula • Wn: etuwe, kuepi • Nt: baaka kookoo, kookoo • Cr: golèt-blanc-gran-fèy • Fr: gaulette blanche à grandes feuilles • Br: caraipé, caripé.

HERBARIUM DATA (FG). — 83 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (lectotype of *Licania longifolia* [P[P00745942] designated by Prance & Sothers [2003a: 146]).

INVENTORY DATA (FG). — 2359 trees in 159 plots;  $F_{\max} = 9.2\%$ ;  $dbh_{\text{inv}} = 96.5$  cm.

[322] *Licania canescens* Benoist

*Bull. Mus. Natl. Hist. Nat.* 25: 514 (Benoist 1919).

NOTES. — Benoist (1919: 514) cited two collections in the protologue: “Maroni n° 13 (Mélinon); Maroni n° 43 (Wachenheim)”. Prance (1972: 134) cited for the type “Mélinon sn, French Guiana, Maroni, fl (lectotype, P; isolectotypes, GH, K)”; his lectotype corresponds to three specimens at P (P00745970, P00745972, P00745973). All three are labelled “*Licania canescens* R. Ben.” apparently in Benoist’s hand, and the same is true of other *Mélinon s.n.* at F, GH, K, NY and US (see below). It cannot be excluded that all these Mélinon specimens are isolectotypes. However, there is only one *Mélinon 13* in P (P00745971), which is therefore here designated as the lectotype.

VERNACULAR NAMES. — Pa: bukutru-ateu, bukutru-gateu • Te: tsibila lipi • Wp: payula • Nt: kookoo • Cr: golèt-nwé, grigri • Fr: gaulette noire • Br: carapé, caripé, macucu-farinha-seca.

HERBARIUM DATA (FG). — 101 collections at CAY. Sel. exs.: *E.M. Mélinon 13*, s.d. (lecto-, P[P00745971], here designated; possible isolectotypes: F[V0053974F {1862}], GH[GH00046252 {s.d.}], K[K000220889 {1863}], NY[00428358 {s.d.}], P[P00745970 {s.d.}], P00745972 {1863}, P00745973 {1864}], US[00130724 {s.d.}].

INVENTORY DATA (FG). — 748 trees in 130 plots;  $F_{\max} = 4.9\%$ ;  $dbh_{\text{inv}} = 44.7$  cm.

[323] *Licania coriacea* Benth.

*J. Bot. [Hooker]* 2: 221 (Bentham 1840).

*Licania pallidula* Standl., *Bull. Torrey Bot. Club* 67 (4): 286 [Apr. 1940] (Standley 1940).

HERBARIUM DATA (FG). — No specimen seen, present according to Prance (1986).

SIZE. — Up to 25 m tall (Prance 1986).

[324] *Licania cyathodes* Benoist

*Bull. Mus. Natl. Hist. Nat.* 25: 513 (Benoist 1919).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: bukutru-ateu-priye, bukutru-gateu-priye • Ka: palipyo, polipyo, polipyoli • Wn: konoimë, watumo.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *P.A. Sagot s.n.*, Oct. 1856 (lecto-, P[P00745955], designated by Prance [1972: 113; and on a label dated January 1966 affixed to the specimen]; isolecto-, P[P00745956, P00745957]).

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21$  cm.

[325] *Licania davillifolia* Benoist

*Bull. Mus. Natl. Hist. Nat.* 25: 513 (Benoist 1919).

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (lecto-, P[P00745952] designated by Prance [1972: 133];

isolecto-, BM[BM000602317], E[E00326668], F[V0053988F], K[K000220715]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.6$  cm.

[326] *Licania densiflora* Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 383 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

*Licania kanukuensis* Standl., *Lloydia* 2 (3): 182 (Standley 1939).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: bukutru-gateu-duwë • Ka: pesisilan • Nt: baaka kookoo, kookoo • Cr: bwa-golèt, golèt • Fr: gaulette.

HERBARIUM DATA (FG). — 94 collections at CAY. Sel. exs.: *D. Sabatier 925*.

INVENTORY DATA (FG). — 151 trees in 44 plots;  $F_{\max} = 4.6\%$ ;  $dbh_{\text{inv}} = 50.9$  cm.

[327] *Licania discolor* Pilg.

*Notizbl. Königl. Bot. Gart. Berlin* 6: 137 [20 Mar. 1914] (Pilger 1914).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *S.A. Mori et al. 23841*.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.2$  cm.

[328] *Licania elliptica* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 255 (Standley 1937).

*Licania paniculata* Fanshawe & Maguire, *Bull. Torrey Bot. Club* 75 (3): 323 [May-June 1948] (Fanshawe & Maguire 1948).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3538*.

SIZE. — Ecuador. *R. Valencia et al. 68749* (MO), 9 m × 11 cm.

[329] *Licania fanshawei* Prance

*Fl. Neotrop. Monogr.* 9: 112 [8 June 1972] (Prance 1972).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al. 20808*.

INVENTORY DATA (FG). — 10 trees in 2 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 30.6$  cm.

[330] *Licania hypoleuca* Benth.

*Bot. Voy. Sulphur [Bentham]*: 91 [26 Oct. 1844] (Bentham 1844).

*Licania microcarpa* Hook.f., *Fl. Bras. [Martius]* 14 (2): 15 [17 Apr. 1867] (Hooker 1867).

*Licania grisea* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 382 ["1925" publ. Jan. 1926] (Kleinhoonte 1926).

*Licania parvifolia* Pittier, *Bol. Soc. Venez. Ci. Nat.* 4: 351 (Pittier 1938), *nom. illeg. hom., non* Huber (1909).

*Licania parviflora* var. *conduplicata* Maguire, *Fieldiana, Bot.* 28 (2): 253 (Maguire 1952).

VERNACULAR NAMES. — Pa: bukutru-ateu, bukutru-gateu • Ka: kuwepilan tipulu • Wp: pali'i si.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2970.

INVENTORY DATA (FG). — 24 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 49.3$  cm.

[331] *Licania incana* Aubl.

*Hist. Pl. Guiane* 1: 119 [Jun.-Dec. 1775] (Aublet 1775). — *Hedycrea incana* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 428 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (genus name superfluous, based on the type of *Licania* Aubl.). — *Chrysobalanus incanus* (Aubl.) M.Gómez, *Fl. Cuba [Gómez]*: 39 (Gómez 1887), *nom. illeg. hom., non* Raf. (Rafinesque 1836).

*Licania crassifolia* Benth., *J. Bot. [Hooker]* 2: 221 (Bentham 1840). — *Licania leptostachya* var. *crassifolia* (Benth.) Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 512 (Benoist 1919).

VERNACULAR NAMES. — Ka: akuli elepali, caligni (*vide* Aublet 1775), kwepilan • Wp: payula piyü • Cr: kaligni-blan • Br: oiticica.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777908] designated by Lanjou & Uittien [1940: 152]); *H. van der Werff* 23493 (MO), height 15 m.

[332] *Licania irwinii* Prance

*Fl. Neotrop. Monogr.* 9: 113 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2930.

INVENTORY DATA (FG). — 190 trees in 20 plots;  $F_{\max} = 7.9\%$ ;  $dbh_{\text{inv}} = 53.2$  cm.

[333] *Licania kunthiana* Hook.f.

*Fl. Bras. [Martius]* 14 (2): 16 [17 Apr. 1867] (Hooker 1867).

*Licania hypargyrea* Malme, *Ark. Bot.* 23A(4): 12 (Malme 1930).

*Licania parviflora* var. *submembranacea* Maguire, *Fieldiana, Bot.* 28 (2): 254 (Maguire 1952).

VERNACULAR NAMES. — Pa: á-kiavunô-tivarabuyenê, bukutru-gateu • Wp: pali'i, pali'i sili, payula sili • Nt: kookoo, weti baka • Cr: golêt-grigri • Br: pajurazinho.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2537.

INVENTORY DATA (FG). — 62 trees in 16 plots;  $F_{\max} = 4.2\%$ ;  $dbh_{\text{inv}} = 71.3$  cm.

[334] *Licania laxiflora* Fritsch

*Ann. K. K. Naturhist. Hofmus.* 4: 46 (Fritsch 1889).

*Licania macrophylla* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1198 ["1848" publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Licania gracilis* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 382 ["1925" publ. Jan. 1926] (Kleinhoonte 1926).

VERNACULAR NAMES. — Pa: bukutru-ateu, bukutru-gateu • Ka: kuwepilan • Wp: pali'i, pali'i pilâ • Nt: kookoo, santi kookoo, weti kookoo • Br: caripêrana.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 15232.

INVENTORY DATA (FG). — 295 trees in 86 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 56.8$  cm.

[335] *Licania leptostachya* Benth.

*J. Bot. [Hooker]* 2: 220 (Bentham 1840).

*Licania incana* var. *axilliflora* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 15: 305 (Sagot 1883). — *Licania leptostachya* var. *axilliflora* (Sagot) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 46 (Fritsch 1889). — *Licania axilliflora* (Sagot) Hochr., *Bull. New York Bot. Gard.* 6 (21): 273 [27 Sep. 1910] (Hochreutiner 1910).

VERNACULAR NAMES. — Ka: kwepilan • Te: tsibila lipikit • Wp: pali'i si, payula sili • Cr: bwa-golêt, golêt • Br: caraipé, caripé.

HERBARIUM DATA (FG). — 54 collections at CAY. Sel. exs.: *M.-F. Prévost* 1301.

INVENTORY DATA (FG). — 57 trees in 14 plots;  $F_{\max} = 4.8\%$ ;  $dbh_{\text{inv}} = 18.7$  cm.

[336] *Licania majuscula* Sagot

*Ann. Sci. Nat., Bot. sér.* 6, 15: 306 (Sagot 1883).

*Licania hostmannii* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 42 (Fritsch 1889), "*Hostmannii*".

VERNACULAR NAMES. — Ka: wokili kupešini, yapopale membo • Wp: payula.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00746050]; iso-, BM[BM000602320], F[V0054025F, V0054026F], GH[GH00046286], K[K000220723], NY[00428473], P[P00746051], US[00130830]).

INVENTORY DATA (FG). — 82 trees in 36 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[337] *Licania maxima* Prance

*Fl. Neotrop. Monogr.* 9: 165 [8 June 1972] (Prance 1972).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *B. Maguire et al.* 47081 (holo-, NY[00428477]; iso-, F[V0054027F], GH[GH00046287], IAN[IAN108457, IAN137569], MG[MG026468], P[P00746118], U[U0001143], US[00130832]).

SIZE. — Up to 70 cm dbh (Prance 1972).

[338] *Licania membranacea* Sagot ex Laness.

*Pl. Util. Col. Franç.* 130 (Lanessan 1886).

*Caraipa latifolia* Aubl., *Hist. Pl. Guiane* 1: 561 [Jun.-Dec. 1775] (Aublet 1775), **syn. nov.**

*Licania galibica* Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 515 (Benoist 1919).

NOTES. — *Caraipa latifolia* Aubl. is the earliest name for this taxon, but its epithet can no longer be transferred to *Licania* because *L. latifolia* Benth. ex Hook.f. (1867) occupies the name.

VERNACULAR NAMES. — Pa: bukutru-ateu, bukutru-gateu • Ka: polipyo tagulewe, soloma, wokili kupešini • Nt: baaka kookoo, kookoo • Cr: bwa-golèt, golèt • Fr: gaulette.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Caraipa latifolia*: BM[BM000602313]).

INVENTORY DATA (FG). — 1201 trees in 161 plots;  $F_{\max} = 7.1\%$ ;  $dbh_{\text{inv}} = 132$  cm.

[339] *Licania micrantha* Miq.

*Stirp. Surinam. Select.*: 29 [“1850” publ. Mar. 1851] (Miquel 1851).

*Licania helvola* Spruce ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 18 [17 Apr. 1867] (Hooker 1867), **nom. nud. pro syn.**

*Licania anisophylla* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 253 (Standley 1937).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: bukutru-gateu-wahuyo • Ka: soloma, wokili kupešini • Te: tsibit • Wp: pali'i • Wn: kalipoimë • Nt: baaka kookoo, kookoo • Cr: golèt-marikaj, golèt-nwë • Fr: gaulette marécage, gaulette noire • Br: caripérana, pintadinha.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3379.

INVENTORY DATA (FG). — 326 trees in 101 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 104.6$  cm.

[340] *Licania ovalifolia* Kleinhoonte  
(Fig. 17D)

*Recueil Trav. Bot. Néerl.* 30: 180 [July 1933] (Kleinhoonte 1933).

*Licania stabelii* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 30: 181 [July 1933] (Kleinhoonte 1933).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: bukutru-gateu-duwë • Nt: kookoo, santi kookoo • Cr: golèt-azon, grigri • Fr: gaulette azon.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier* 2347.

INVENTORY DATA (FG). — 189 trees in 77 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 74$  cm.

[341] *Licania pallida* Spruce ex Sagot

*Ann. Sci. Nat., Bot. sér.* 6, 15: 306 (Sagot 1883). — *Licania parviflora* var. *pallida* Hook.f., *Fl. Bras. [Martius]* 14 (2): 18 [17 Apr. 1867] (Hooker 1867). — *Licania pallida* Spruce ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 18 [17 Apr. 1867] (Hooker 1867), **nom. nud. pro syn.**

NOTES. — The authorship of *L. parviflora* var. *pallida* is not “Spruce ex Hook.f.”; Hooker (1867: 18) referred to “*Licania pallida* Spruce Mss.”, thus Spruce’s authorship applies only to the species, not the variety.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M. Hoff* 5980.

SIZE. — Up to 30 m tall (Prance 1998).

[342] *Licania parviflora* Benth.

*J. Bot. [Hooker]* 2: 221 (Bentham 1840).

*Licania parviflora* var. *subfalcata* Spruce ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 18 [17 Apr. 1867] (Hooker 1867).

*Licania parviflora* f. *brevifolia* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 51 (Fritsch 1889), **nom. illeg.** (includes species type).

*Licania parviflora* f. *longifolia* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 51 (Fritsch 1889).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1467*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh = 58.3$  cm.

[343] *Licania parvifructa* Fanshawe & Maguire

*Bull. Torrey Bot. Club* 75 (4): 374 [Jul.-Aug. 1948] (Fanshawe & Maguire 1948).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *S.A. Mori et al.* 26472.

INVENTORY DATA (FG). — 43 trees in 32 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.7$  cm.

[344] *Licania pruinosa* Benoist

*Bull. Mus. Natl. Hist. Nat.* 25: 516 (Benoist 1919).

VERNACULAR NAMES. — Wp: payula.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (type P[P00746083]).

SIZE. — Up to 20 m tall (Prance 1986).



[345] *Licania robusta* Sagot

*Ann. Sci. Nat., Bot.* sér. 6, 15: 306 (Sagot 1883).

*Licania pachystachya* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 384 ["1925" publ. Jan. 1926] (Kleinhoonte 1926).

VERNACULAR NAMES. — Ka: ityulanano kupešini, solosolo bakoloidyi.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00746074]; iso-, BM[BM000602327], F[V0054063F, V0054064F], NY[00428559], P[P00746075], R[R000063240], US[00130857]).

INVENTORY DATA (FG). — 46 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.4$  cm.

[346] *Licania rodriguesii* Prance

*Fl. Neotrop. Monogr.* 9: 168 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 2362*.

INVENTORY DATA (FG). — 20 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 83.4$  cm.

[347] *Licania silvae* Prance

*Fl. Neotrop. Monogr.* 9: 115 [8 June 1972] (Prance 1972).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3850*.

SIZE. — Brazil, Acre. *D.C. Daly et al. 11065* (MO), 30 m × 43 cm.

[348] *Licania* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 5750*,  $dbh = 44$  cm.

[349] *Licania* sp. B

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3081*.

INVENTORY DATA (FG). — 8 trees in 1 plot;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 37.1$  cm.

[350] *Licania* sp. C

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *B. Riéra & D. Sabatier 1282*.

INVENTORY DATA (FG). — 7 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54$  cm.

Genus *Moquilea* Aubl.

[351] *Moquilea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 521 [Jun.-Dec. 1775] (Aublet 1775), "Guyanensis" on plate. — *Licania guianensis* (Aubl.) Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 7: 198 (Grisebach 1857).

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000793077]).

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[352] *Moquilea minutiflora* Sagot

*Ann. Sci. Nat., Bot.* sér. 6, 15: 308 (Sagot 1883). — *Licania minutiflora* (Sagot) Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 54 (Fritsch 1889).

*Licania rondonii* Pilg., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 540 [15 Aug. 1923] (Pilger 1923).

*Moquilea riparia* Gleason, *Bull. Torrey Bot. Club* 61 (4): 192 [Apr. 1934] (Gleason 1934). — *Licania riparia* (Gleason) Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 258 (Standley 1937).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00746107]; iso-, A[A00046290], BM[BM000602298], F[V0054094F, V0054095F, V0054096F], GH[GH00046291], K[K000220600], NY[00428489], US[00130833]).

INVENTORY DATA (FG). — 73 trees in 14 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 47.1$  cm.

[353] *Moquilea* sp. A

NOTE. — This species seems close to *M. minutiflora* Sagot.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 5049*.

INVENTORY DATA (FG). — 8 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 73.2$  cm.

Genus *Parinari* Aubl.

[354] *Parinari campestris* Aubl.

*Hist. Pl. Guiane* 1: 514 [Jun.-Dec. 1775] (Aublet 1775). — *Petrocarya campestris* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 287 [Mar. 1799] (Willdenow 1799). — *Ferolia campestris* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 216 [5 Nov. 1891] (Kuntze 1891).

*Balantium cordifolium* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 34 [Oct. 1825] (Hamilton 1825).

VERNACULAR NAMES. — Pa: á-kiavũ, á-kiavunó, kuuku-araybu-seine • Ka: kubešini, kupešini • Wp: pali'i wate'e • Nt: fungutii kookoo • Cr: golèt-blanc, grigri-blanc • Fr: gaulette blanche • Br: pajurá, parinari.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000797863]).

INVENTORY DATA (FG). — 152 trees in 50 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 87$  cm.

[355] *Parinari excelsa* Sabine

*Trans. Hort. Soc. London* 5: 451 (Sabine 1824). — *Petrocarya excelsa* (Sabine) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 309 (Steudel 1841), *nom. illeg. hom., non* Jack (1822). — *Ferolia excelsa* (Sabine) Kuntze, *Revis. Gen. Pl.* 1: 216 [5 Nov. 1891] (Kuntze 1891).

*Parinari brachystachya* Benth., *J. Bot. [Hooker]* 2: 213 (Bentham 1840), "*Parinarium brachystachyum*". — *Ferolia amazonica* Kuntze, *Revis. Gen. Pl.* 1: 216 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Parinari brachystachya*).

*Parinari amazonica* Mart. ex Hook.f., *Fl. Bras. [Martius]* 14 (2): 52 [17 Apr. 1867] (Hooker 1867), "*Parinarium amazonicum*", *nom. nud. pro syn.*

*Parinari glazioviana* Warm., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1874: 72 (Warming 1874), "*Parinarium glaziovianum*".

*Parinari salicifolia* Engl., *Pflanzenw. Ost-Afrikas C*: 191 [July 1895] (Engler 1895), "*Parinarium salicifolium*", *nom. illeg. hom., non* (C.Presl) Miq. (Miquel 1855).

*Parinari holstii* Engl., *Pflanzenw. Ost-Afrikas C*: 423 [Aug. 1895] (Engler 1895), "*Parinarium Holstii*". — *Parinari excelsa* subsp. *holstii* (Engl.) R.A.Graham, *Kew Bull.* 12 (2): 229 (Graham 1957).

*Parinari eliottii* Engl., *Bot. Jahrb. Syst.* 26 (3-4): 377 [31 Jan. 1899] (Engler 1899), "*Parinarium eliottii*".

*Parinari whytei* Engl., *Bot. Jahrb. Syst.* 26 (3-4): 378 [31 Jan. 1899] (Engler 1899), "*Parinarium whytei*".

*Parinari verdickii* De Wild., *Ann. Mus. Congo, sér. 4, Bot.* 1: 182 (De Wildeman 1903), "*Parinarium verdickii*".

*Parinari tenuifolia* A.Chev., *Vég. Ut. Afr. Trop. Franç.* 5: 225 (Chevalier 1909), "*Parinarium tenuifolium*".

*Parinari excelsa* var. *fulvescens* Engl., *Wiss. Erg. Deut. Zentr.-Afr. Exped., Bot.* 2: 227 (Engler 1911), "*Parinarium excelsum*".

*Parinari mildbraedii* Engl., *Wiss. Erg. Deut. Zentr.-Afr. Exped., Bot.* 2: 227 (Engler 1911).

*Parinari riparia* R.E.Fr., *Repert. Spec. Nov. Regni Veg.* 12: 539 (Fries 1913), "*Parinarium riparium*".

*Parinari holstii* var. *longifolia* Engl. ex De Wild., *Bull. Jard. Bot. État Bruxelles* 4: 80 (De Wildeman 1914), "*Parinarium holstii, longifolium*", *nom. nud.*

*Parinari laxiflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 44 (Ducke 1922), "*Parinarium laxiflorum*".

*Parinari nalaensis* De Wild., *Pl. Bequaert.* 5: 289 (De Wildeman 1931), "*Parinarium nalaense*".

*Parinari laxiflora* var. *lata* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 33 [Sep. 1935] (Ducke 1935), "*Parinarium laxiflorum, latum*".

*Parinari sylvestris* M.Kuhl., *Loefgrenia* 13: 1 (Kuhlmann 1964).

VERNACULAR NAMES. — Ka: wokili besuli.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3562.

INVENTORY DATA (FG). — 19 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 83$  cm.

[356] *Parinari montana* Aubl.

*Hist. Pl. Guiane* 1: 514 [Jun.-Dec. 1775] (Aublet 1775). — *Petrocarya montana* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 287 [Mar. 1799] (Willdenow 1799). — *Chrysobalanus montanus* (Aubl.) M.Gómez, *Fl. Cuba [Gómez]*: 39 (Gómez 1887). — *Ferolia montana* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 216 [5 Nov. 1891] (Kuntze 1891).

*Parinari pajura* Benoist, *Bull. Mus. Natl. Hist. Nat.* 28: 252 (Benoist 1922), "*Parinarium pajura*".

NOTES. — Emended by Ducke (1935: 180). The leaves on type sheet are *P. rodolphii* Huber (1909), and only the fruit represent *P. montana*. Aublet (1775, 1: 514) cited plates 204 & 205, but only plate 205 is correct, the branches and leaves of plate 204 are *P. rodolphii*.

VERNACULAR NAMES. — Pa: pirivri • Ka: kalapapoli, kubešini, kupešini, tapowonulen • Wp: iwa tā'iy • Nt: fungutii kookoo • Cr: grènn-ròch • Fr: graine roche • Br: pajurá-grande, pajurá-pedra.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM, fruit only, not seen); *S.A. Mori et al.* 20790.

INVENTORY DATA (FG). — 63 trees in 38 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 78$  cm.

[357] *Parinari parvifolia* Sandwith

*Bull. Misc. Inform. Kew* 1931 (7): 374 [21 July 1931] (Sandwith 1931).

VERNACULAR NAMES. — Pa: ā-kiaivū, ā-kiaivunō.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier* 3005.

INVENTORY DATA (FG). — 14 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 65$  cm.

[358] *Parinari rodolphii* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 77 (Huber 1910), "*Parinarium rodolphii*".

*Parinari lucidissima* Standl., *Lloydia* 2 (3): 183 (Standley 1939), "*Parinarium lucidissimum*".

VERNACULAR NAMES. — Ka: kalapapoli, tapowonulen • Wp: iwa tā'iy sili, tata pota • Cr: kwépi • Br: farinha-seca.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3035.

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[359] *Parinari* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5728.

INVENTORY DATA (FG). — 1 tree,  $dbh = 34$  cm.

Genus *Parinariopsis* (Huber) Sothers & Prance

[360] *Parinariopsis licaniiflora* (Sagot) Sothers & Prance

*Kew Bull.* 71 (4):58: 11 [publ. 15 Dec. 2016] (Sothers & Prance 2016). — *Moquilea licaniiflora* Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 15: 308 (Sagot 1883), “*licaniaeflora*”. — *Licania bracteosa* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 54 (Fritsch 1889), *nom. illeg. superfl.* (based on *Moquilea licaniiflora*). — *Licania licaniiflora* (Sagot) S.F.Blake, *Contr. Gray Herb.* 52: 66 (Blake 1917), “*licaniaeflora*”.

*Moquilea parviflora* Blume, *Mus. Bot.* 2 (1-8): 92 [“1852” publ. Feb. 1856] (Blume 1856). — *Licania parviflora* (Blume) Lemée, *Fl. Guyane Franç.* 2: 23 (Lemée 1952), *nom. illeg. hom., non* Benth. (Bentham 1840).

*Licania obtusifolia* Fritsch, *Ann. K. K. Naturhist. Hofmus.* 4: 53 (Fritsch 1889).

*Licania parinarioides* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 368 (Huber 1909).

*Licania capinensis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 71 (Huber 1910).

*Licania parinarioides* var. *latifolia* Maguire, *Brittonia* 7: 397 [Oct. 1952] (Maguire 1952).

*Licania huberiana* Maguire, *Brittonia* 7: 398 [Oct. 1952] (Maguire 1952).

*Licania obovatifolia* Maguire, *Brittonia* 7: 398 [Oct. 1952] (Maguire 1952).

*Licania wilson-brownei* Maguire, *Brittonia* 7: 399 [Oct. 1952] (Maguire 1952).

NOTE. — Prance (1972: 91) made a first-step lectotypification by selecting among the paratypes *J. Martin s.n.*, as “lecto-, P, isolecto-, K”. There are however three specimens of Martin’s original material at P (P00746011, P00746012, P00746013). It thus appears necessary to select one of them as the lectotype.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J. Martin s.n.* (lectotype of *Moquilea licaniiflora* Sagot: P[P00746011, here designated; isolecto-, P[P00746012, P00746013], K[K000220643]).

INVENTORY DATA (FG). — 33 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 55.4$  cm.

Family CLUSIACEAE Lindl.

Genus *Chrysochlamys* Poepp. & Endl.

[361] *Chrysochlamys membranacea* Planch. & Triana

*Ann. Sci. Nat., Bot.* sér. 4, 14: 260 (Planchon & Triana 1860). — *Tovomitopsis membranacea* (Planch. & Triana) D’Arcy, *Ann. Missouri Bot. Gard.* 67 (4): 1034 [“1980” publ. 1981] (D’Arcy 1981).

VERNACULAR NAMES. — Wp: amá kiya, pasi’i wapo • Cr: pativyé-gran-bwa.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *M.-F. Prévost 1810*, 10 m tall.

Genus *Clusia* Plum. ex L.

[362] *Clusia cuneata* Benth.

*London J. Bot.* 2: 368 (Bentham 1843).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1645*.

SIZE. — Guyana. *H.D. Clarke 5485*, 10 m.

[363] *Clusia flavida* (Benth.) Pipoly

*Fl. Venez. Guayana* 4: 272 (Pipoly 1998). — *Havetia flavida* Benth., *London J. Bot.* 2: 369 (Bentham 1843). — *Havetiopsis flavida* (Benth.) Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 247 (Planchon & Triana 1860).

*Havetiopsis flexilis* Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 246 (Planchon & Triana 1860). — *Havetia flexilis* Spruce ex Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 246 (Planchon & Triana 1860), *nom. nud. pro syn.* — *Havetia flexilis* (Planch. & Triana) Vesque, *Epharmonsia* 3: 15, 73 (Vesque 1892).

*Clusia gentlei* Lundell, *Contr. Univ. Michigan Herb.* 6: 48 (Lundell 1941).

NOTES. — A species restricted to the edges of inselbergs. The name *Havetia flexilis* first appears as a *nomen nudum*, as a synonym of *Havetiopsis flexilis*. Vesque (1892: 73) validly published it with reference to “*H. flexilis* Planch. et Triana” under sect. (or subg.) *Havetiopsis*, and on plate 72 with an explicit citation of *Havetiopsis flexilis*.

VERNACULAR NAMES. — Ka: kusapoi, kuwapo’u, kwapo’u • Wp: pelepele sili • Cr: bwa-rwé, zongnon-danbwa.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *P. Grenand 1222*.

SIZE. — Up to 15 m tall (Pipoly *et al.* 1998).

[364] *Clusia fockeana* Miq.

*Tijdschr. Nat. Geschied. Physiol.* 10: 82 (Miquel 1843), “*Fockeana*”. — *Androstylium fockeanum* (Miq.) Miq., *Stirp. Surinam. Select.*: 93 [“1850” publ. Mar. 1851] (Miquel 1851).

*Clusia stabelii* Maguire, *Bull. Torrey Bot. Club* 75 (4): 424 [Jul.-Aug. 1948] (Maguire 1948).

VERNACULAR NAMES. — Ka: kunapolan • Nt: kupa.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *D. Sabatier & E. Fonty 5762*.

INVENTORY DATA (FG). — 300 trees in 6 plots;  $F_{\max} = 16.8\%$ ;  $dbh_{\text{inv}} = 30.2$  cm.

[365] *Clusia grandiflora* Splitg.

*Tijdschr. Nat. Geschied. Physiol.* 9: 101 [Aug.-Sep. 1842] (Splitgerber 1842).

*Clusia maxima* Rich. ex Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 13: 325 (Planchon & Triana 1860), *nom. nud. pro syn.*

*Clusia petiolata* Klotzsch ex Engl., *Fl. Bras. [Martius]* 12 (1): 423 [1 Apr. 1888] (Engler 1888), *nom. nud. pro syn.*

NOTE. — Mostly epiphytic, rarely rooted in the ground.

VERNACULAR NAMES. — Pa: patakwi, zoyó-kamwi • Ka: kusapoi, kuwapo'u, kwapo'u, pelepele • Te: pelepele • Wp: pelepele • Wn: lele anapamígin • Nt: ingi waway • Cr: bwa-rwé, zongnon-danbwa • Br: cebola-grande-da-mata, manga-brava, mata-pau.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (P[05071041]).

SIZE. — Guyana. *P.J.M. Maas & L.Y.T. Westra 3875* (MO), 7 m × 30 cm.

[366] *Clusia leprantha* Mart.

*Nova genera et species plantarum* [Martius] 3 (3): 165 [“1829” publ. Sep. 1832] (Martius 1832).

*Arrudea purpurea* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 103 [Aug.-Sep. 1842] (Splitgerber 1842). — *Clusia purpurea* (Splitg.) Engl., *Fl. Bras.* [Martius] 12 (1): 416 [1 Apr. 1888] (Engler 1888).

VERNACULAR NAMES. — Nt: mangu • Br: apuí-grande, cebola-brava.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *Service Forestier 7855*.

SIZE. — Up to 25 m tall (Pipoly *et al.* 1998).

[367] *Clusia melchiorii* Gleason

*Bull. Torrey Bot. Club* 58 (6): 403 [June 1931] (Gleason 1931).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-J. de Granville B-5401*.

SIZE. — Up to 15 m tall (Pipoly *et al.* 1998).

[368] *Clusia minor* L.

*Sp. Pl.* 1: 510 [1 May 1753] (Linnaeus 1753).

*Clusia venosa* Jacq., *Enum. Syst. Pl.*: 34 [Aug.-Sep. 1760] (Jacquin 1760).

*Clusia venosa* L., *Sp. Pl.*, ed. 2, 2: 1495 [Aug. 1763] (Linnaeus 1763).

*Clusia galactodendron* Desv., *Ann. Sci. Nat., Bot.* sér. 2, 18: 313 (Desvaux 1842), “*Galactodendrum*”.

*Clusia pratensis* Seem., *Bot. Voy. Herald [Seemann]* 3: 89 [Nov. 1853] (Seemann 1853).

*Clusia couletii* Duchass. ex Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 13: 333 (Planchon & Triana 1860), “*Couletii*”, *nom. nud. pro syn.*

*Clusia parvicapsula* Vesque, *Epharosis* 3: 10 (Vesque 1892).

*Clusia cartilaginosa* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 97 [Dec. 1893] (Vesque 1893).

*Clusia utilis* S.F.Blake, *Contr. U.S. Natl. Herb.* 24 (1): 14 [11 Jan. 1922] (Blake 1922).

NOTE. — Restricted to the edges of inselbergs.

VERNACULAR NAMES. — Wp: pelepele sili.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-J. de Granville 2200*.

SIZE. — Venezuela, Bolivar. *J.A. Steyermark 87845* (L), 10 m.

[369] *Clusia nemorosa* G.Mey.

*Prim. Fl. Esseq.* 203 [Nov. 1818] (Meyer 1818).

*Clusia lhotzkyana* Schldtl., *Linnaea* 8: 184 (Schlechtendal 1833).

*Clusia mammosa* Casar., *Nov. Stirp. Bras.* 7: 60 [Sep (“Jul”) 1843] (Casaretto 1843).

*Clusia lhotzkyana* var. *polygama* Choisy, *Descr. Guttif. Inde* 45 (Choisy 1849). — *Clusia nemorosa* var. *lhotzkyana* (Schldtl.) Engl., *Fl. Bras.* [Martius] 12 (1): 422 [1 Apr. 1888] (Engler 1888).

VERNACULAR NAMES. — Pa: wakukwa-tiranó • Ka: kunapolan.

HERBARIUM DATA (FG). — 76 collections at CAY. Sel. exs.: *M.-F. Prévost 1628*.

SIZE. — Up to 15 m tall (Pipoly *et al.* 1998).

[370] *Clusia octandra* (Poepp.) Pipoly

*Fl. Venez. Guayana* 4: 276 (Pipoly 1998). — *Havetia octandra* Poepp., *Nova genera ac species plantarum* [Poeppig & Endlicher] 3: 11 [15-21 Aug. 1841] (Poeppig 1841). — *Oedematopus octandrus* (Poepp.) Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 250 (Planchon & Triana 1860).

NOTE. — Mostly epiphytic, rarely rooted in the ground.

VERNACULAR NAMES. — Te: tsalikwaná'i • Wp: ayá pápê, ayá pápê sili, pelepele sili.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *S.A. Mori et al. 23532*.

SIZE. — Colombia, Antioquia. *R. Fonnegra G. & W. Rengifo M. 4834* (MO), 8 m × 10 cm.

[371] *Clusia palmicida* Rich. ex Planch. & Triana

*Ann. Sci. Nat., Bot.* sér. 4, 13: 326 (Planchon & Triana 1860). — *Clusia palmicida* Rich., *Ann. Mus. Natl. Hist. Nat.* 17: 456 (Richard 1811), *nom. inval.*

*Clusia martinii* Sagot ex Engl., *Fl. Bras.* [Martius] 12 (1): 425 [1 Apr. 1888] (Engler 1888), *nom. nud. pro syn.*

NOTES. — Mostly epiphytic, rarely rooted in the ground. *Clusia palmicida* was not validly published by Richard (1811: 17) because his publication was a treatise on embryo development and his seed diagnosis did not distinguish this species from others. Indeed, the characters described are said to be shared with other species of the genus. His reference to the figure “(Pl. VI, fig. 64, a)”, is erroneous, and is in fact, pl. 8, fig. 64, 65. J.J. Pipoly III in 2000 annotated the two sheets of *Richard s.n.* at P (P01901181, P01901182) as holotype and isotype, but this typification was not published. Also, Planchon & Triana (1860a: 326) under this name cited two collections from French Guiana (“*L.-C. Rich. in herb. de Franquev., Martin in herb. Mus. Paris*”) and one from Guyana (“*Schomburgk, n° 739, indéterminé*”). The selection of a lectotype thus appears necessary.

VERNACULAR NAMES. — Pa: patakwi-kamwi • Ka: kusapoi, kuwapo'u, kwapo'u • Cr: bwa-rwé, zongnon-danbwa • Br: cebola-grande-da-mata, manga-brava, mata-pau.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (lectotype of *Clusia palmicida* Rich. ex Planch. & Triana, P[01901181, here designated; isolecto-, P01901182]).

SIZE. — Up to 15 m tall (Pipoly *et al.* 1998).

[372] *Clusia panapanari* (Aubl.) Choisy

*Prodr. [A. P. de Candolle]* 1: 559 [mid Jan. 1824] (Choisy 1824), “Pana-panari”. — *Quapoya panapanari* Aubl., *Hist. Pl. Guiane* 2: 900 [Jun.-Dec. 1775] (Aublet 1775), “Pana-panari”.

*Clusia colorans* Engl., *Fl. Bras. [Martius]* 12 (1): 426 [1 Apr. 1888] (Engler 1888). — *Quapoya colorans* Klotzsch ex Engl., *Fl. Bras. [Martius]* 12 (1): 426 [1 Apr. 1888] (Engler 1888), *nom. nud. pro syn.*

*Clusia microphylla* Engl., *Fl. Bras. [Martius]* 12 (1): 426 [1 Apr. 1888] (Engler 1888). — *Quapoya microphylla* Klotzsch ex Engl., *Fl. Bras. [Martius]* 12 (1): 426 [1 Apr. 1888] (Engler 1888), *nom. nud. pro syn.*

NOTE. — Mostly epiphytic, rarely rooted in the ground.

VERNACULAR NAMES. — Pa: patakwik • Wp: ayá pápē, ayá pápē sili, pelepele sili • Cr: bwa-rwé, zongnon-danbwa • Br: apuizinha.

HERBARIUM DATA (FG). — 144 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000611559]).

SIZE. — Up to 10 m tall (Pipoly *et al.* 1998).

[373] *Clusia scrobiculata* Benoist

*Bull. Mus. Natl. Hist. Nat.* 30: 511 (Benoist 1924).

VERNACULAR NAMES. — Pa: patakwik, patakwik-ahinē.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *J.-P. Lescure* 839.

SIZE. — Guyana. *J.J. Pipoly* 10414 (MO), 6 m × 10 cm.

Genus *Garcinia* L.

[374] *Garcinia benthamiana* (Planch. & Triana) Pipoly

*Nuevo Cat. Fl. Vasc. Venezuela*: 332 [after May 2008] (Pipoly 2008). — *Rheedea benthamiana* Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 320 (Planchon & Triana 1860). — *Rheedea macrophylla* var. *benthamiana* (Planch. & Triana) Vesque, *Monogr. Phan. [A.D.C. & C.D.C.]* 8: 500 [Dec. 1893] (Vesque 1893).

*Rheedea sagotiana* Engl., *Fl. Bras. [Martius]* 12 (1): 460 [1 Apr. 1888] (Engler 1888).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wakukwa-tiranó • Ka: nopitya, pakulilan • Te: kulupitá • Wp: kulupitá i, tatu apite • Nt: kukundiefu, meku susu • Br: bacuri-de-espínhos, bacuri-selvagem.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *P.A. Sagot* 1182, 1858 (original material of *Rheedea sagotiana*: BR[BR0000008676238], F[V0054522F], K[K000488572], MPU[MPU014348, MPU014349], S[S11-36125], US[00114327]).

INVENTORY DATA (FG). — 182 trees in 73 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 23.2$  cm.

[375] *Garcinia brasiliensis* Mart.

*Flora* 24 (2, Beibl.): 34 (Martius 1841). — *Rheedea brasiliensis* (Mart.) Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 310 (Planchon & Triana 1860).

*Garcinia brasiliensis* var. *parvifolia* Mart., *Flora* 24 (2, Beibl.): 34 (Martius 1841).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

HERBARIUM DATA (FG). — No collection at CAY. Sel. exs.: *J.M. Pires* 47466 (L), collected on the French Guianan bank of Oyapock river.

SIZE. — Up to 10 m tall (van den Berg 1979).

[376] *Garcinia macrophylla* Mart.  
(Fig. 18A)

*Flora* 24 (2, Beibl.): 35 (Martius 1841). — *Rheedea macrophylla* (Mart.) Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 309 (Planchon & Triana 1860).

*Rheedea macrantha* Standl. & Steyerl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (2): 65 [14 Feb. 1944] (Standley & Steyermark 1944).

*Garcinia megaphylla* Verdc., *Kew Bull.* 31 (2): 262 (Verdcourt 1976), *nom. illeg. superfl.* (based on *Garcinia macrophylla*).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: wakukwa-tiranó • Ka: pakulilan • Te: kulupitá • Wp: kulupitá • Wn: mutu pupot eimē • Nt: kukundiefu, meku susu • Cr: konfitir-makak, koupiton • Br: bacuri-liso, bacuripari.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2742.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[377] *Garcinia madruno* (Kunth) Hammel

*Ann. Missouri Bot. Gard.* 76 (3): 928 (Hammel 1989). — *Calophyllum madruno* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 202 [25 Feb. 1822] (Kunth 1822), “*madruño*”. — *Rheedea madruno* (Kunth) Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 315 (Planchon & Triana 1860). — *Verticillaria madruno* (Kunth) Tul. ex Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 315 (Planchon & Triana 1860), *nom. nud. pro syn.*

*Verticillaria acuminata* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 140 [late Dec. 1798] (Ruiz & Pavón 1798). — *Rheedea acuminata* (Ruiz & Pav.) Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 314 (Planchon & Triana 1860).

*Chloromyron verticillatum* Pers., *Syn. Pl. [Persoon]* 2 (1): 73 [Nov. 1806] (Persoon 1806), *nom. illeg. superfl.* (based on *Verticillaria acuminata*).

*Garcinia floribunda* Miq., *Stirp. Surinam. Select.*: 89 [“1850” publ. Mar. 1851] (Miquel 1851). — *Rheedea floribunda* (Miq.) Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 14: 319 (Planchon & Triana

1860). — *Rheedia acuminata* var. *floribunda* (Miq.) Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 510 [Dec. 1893] (Vesque 1893).

*Rheedia rostrata* Vesque, *Epharosis* 2: 24 (Vesque 1889).

*Rheedia kappleri* Eyma, *Polygon. Guttif. Lecythid. Surinam*: 33 (Eyma 1932), *nom. illeg. superfl.* (based on *Rheedia floribunda*).

VERNACULAR NAMES. — Pa: wakukwa-tiranō • Ka: ololome, olome, tapuken nopitya • Wp: kulupitā i, tatu apite • Wn: wiipē • Nt: kukundiefu, meku susu • Br: bacuri-de-espinhos.

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *M.-F. Prévost* 2169.

INVENTORY DATA (FG). — 131 trees in 68 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 32.5$  cm.

### Genus *Moronobea* Aubl.

[378] *Moronobea coccinea* Aubl.

*Hist. Pl. Guiane* 2: 789 [Jun.-Dec. 1775] (Aublet 1775). — *Symphonia coccinea* (Aubl.) Oken, *Allg. Naturgesch.* 3 (2): 1431 (Oken 1841). — *Moronobea montana* Schltldl., *Linnaea* 8: 189 (Schlechtendal 1833), *nom. illeg. superfl.* (based on “*Moronobea coccinea* Aubl. t. 313, n. 1-9”).

*Moronobea grandiflora* Choisy, *Mém. Soc. Hist. Nat. Paris*, sér. 2, 1: 230 (Choisy 1823), *syn. nov.* — *Symphonia grandiflora* Rich. ex Choisy, *Mém. Soc. Hist. Nat. Paris*, sér. 2, 1: 230 (Choisy 1823), *nom. nud. pro syn.*

NOTES. — *Moronobea coccinea* Aubl. has often been treated as a synonym of *Symphonia globulifera* L.f., because Aublet's plate 313 (1775) mixes elements of *M. coccinea* (habit and fig. 1-9) and *S. globulifera* (fig. a-j). However, the original specimen at BM (BM000611835) is not a mixture, and the name does not apply to the *S. globulifera* elements on plate 313.

VERNACULAR NAMES. — Pa: ti-wašiuunu • Ka: ananiyu, mani • Wp: māni, walatiwā • Wn: mani, manimē • Nt: matakī, mongo matakī • Cr: manni-montangn • Fr: manil montagne • Br: anani-da-terra-firme, bacuri-bravo.

HERBARIUM DATA (FG). — 67 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM000611835, here designated]).

INVENTORY DATA (FG). — 331 trees in 70 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 87.9$  cm.

### Genus *Platonia* Mart.

[379] *Platonia insignis* Mart.  
(Fig. 18B)

*Nova genera et species plantarum [Martius]* 3 (3): 169 [“1829” publ. Sep. 1832] (Martius 1832), *nom. cons.*

*Moronobea esculenta* Arruda, *Trav. Brazil [H. Koster]* 490 (Arruda 1816), *nom. rej.* — *Symphonia esculenta* Arruda ex Choisy, *Prodr. [A. P. de Candolle]* 1: 563 [mid Jan. 1824] (Choisy 1824), *nom. nud. pro syn.* — *Symphonia esculenta* (Arruda) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 654 (Steudel 1841). — *Platonia esculenta* (Arruda) Oken, *Allg. Naturgesch.* 3 (2): 1431 (Oken 1841). — *Aristoclesia esculenta* (Arruda) Stuntz, *Bull. Bur. Pl. Industr. U.S.D.A.*

248: 58 (Stuntz 1912). — *Platonia esculenta* (Arruda) Rickett & Stafleu, *Taxon* 8: 313 (Rickett & Stafleu 1959), *isonym.*

NOTES. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). Choisy is the author of *Guttiferae* in Candolle's *Prodromus*: his name appears at the end of the treatment (p. 564) indicating his authorship.

VERNACULAR NAMES. — Pa: wakukwa-tiranō-kamwi • Ka: pakuli • Wp: wila nānā kweli • Wn: wiipē • Nt: makasu, paykuli • Cr: parkouri • Fr: parcouri • Br: bacuri.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2575.

INVENTORY DATA (FG). — 104 trees in 56 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 120$  cm.

### Genus *Symphonia* L.f.

[380] *Symphonia globulifera* L.f.  
(Fig. 18D)

*Suppl. Pl.* 302 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Moronobea globulifera* (L.f.) Schltldl., *Linnaea* 8: 190 (Schlechtendal 1833).

*Aneuriscus aubletii* C.Presl, *Symb. Bot. [C. Presl]* 1: 72 [Jan.-Feb. 1832] (Presl 1832).

*Aneuriscus exserens* C.Presl, *Symb. Bot. [C. Presl]* 1: 72 [Jan.-Feb. 1832] (Presl 1832).

*Actinostigma speciosum* Welw., *Apont.* 560 (Welwitsch 1859).

*Symphonia globulifera* var. *macoubea* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 229 [Dec. 1893] (Vesque 1893). — *Moronobea macoubea* Miq. ex Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 229 [Dec. 1893] (Vesque 1893), *nom. nud. pro syn.*

*Symphonia globulifera* var. *gabonensis* Vesque, *Monogr. Phan. [A.DC. & C.DC.]* 8: 231 [Dec. 1893] (Vesque 1893). — *Symphonia gabonensis* (Vesque) Pierre, *Bull. Mens. Soc. Linn. Paris* 2 (155): 1228 (Pierre 1896).

*Symphonia microphylla* R.E.Schult., *Bot. Mus. Leaflet* 17 (1): 20 [27 May 1955] (Schultes 1955), *nom. illeg. hom., non* (Hils. & Bojer ex Cambess.) Benth. & Hook.f. ex Vesque (1893).

*Symphonia utilisissima* R.E.Schult., *Bot. Mus. Leaflet* 17 (1): 22 [27 May 1955] (Schultes 1955).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ti-marikasmategene • Ka: ananiyu, mani, wesekapo epityi • Te: baytakini • Wp: wanani, wanāni • Wn: mani, mani epu, manimē • Nt: kiiki matakī, sabana matakī, wataa matakī • Cr: manni-marikaj • Fr: manil marécage • Br: anani.

HERBARIUM DATA (FG). — 113 collections at CAY. Sel. exs.: *M.-F. Prévost* 4056.

INVENTORY DATA (FG). — 154 trees in 50 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 120$  cm.

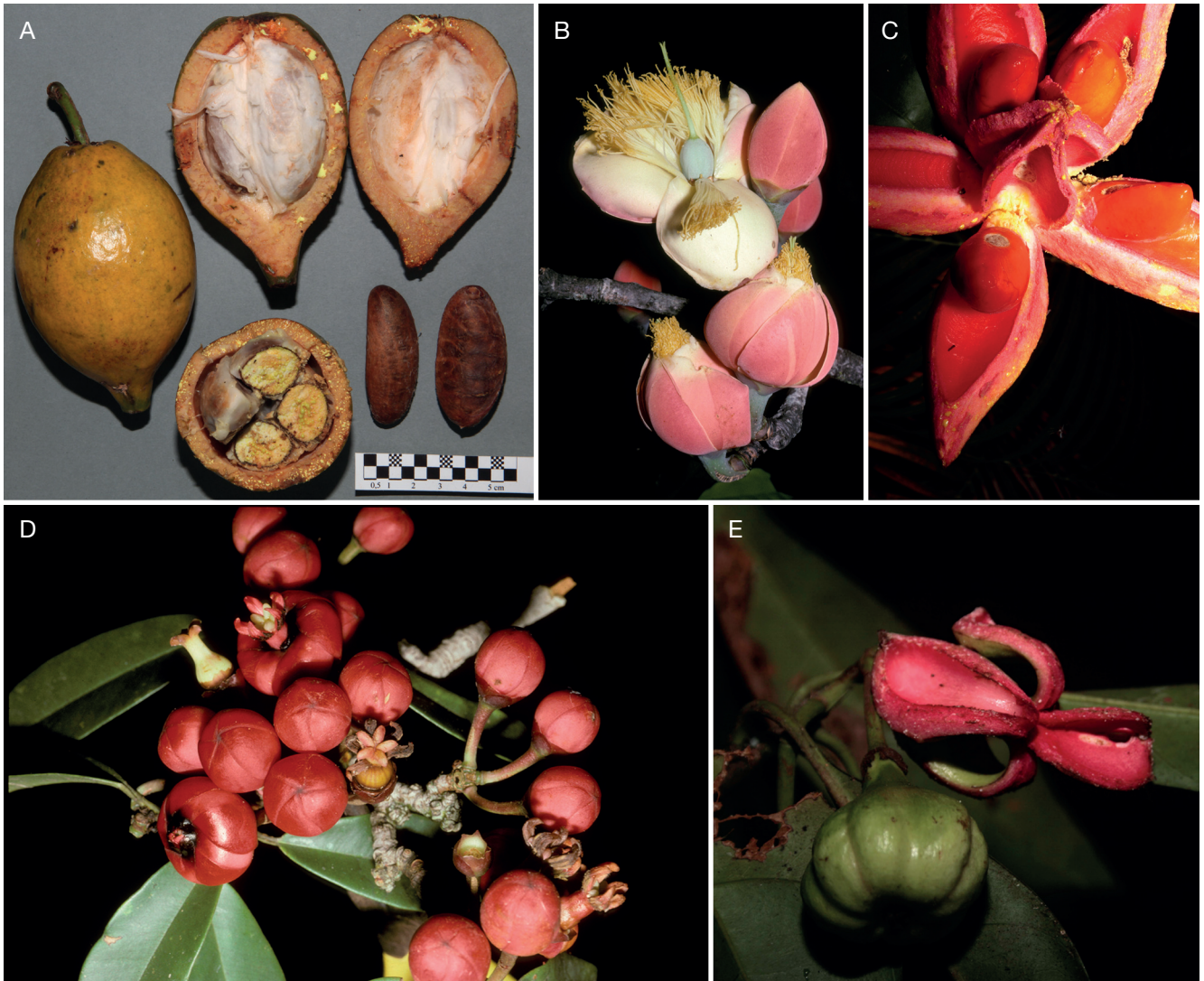


FIG. 18. — Clusiaceae: **A**, *Garcinia macrophylla* Mart. (D. Sabatier & J.-F. Molino 5703); **B**, *Platonia insignis* Mart. (D. Sabatier & M.-F. Prévost 2575); **C**, *Tovomita maxima* Molino & J.Engel; **D**, *Symphonia globulifera* L.f. (D. Sabatier & M.-F. Prévost 4381); **E**, *Tovomita schomburgkii* Planch. & Triana (J.-F. Molino *et al.* 3372). A-D, © D. Sabatier/IRD; E, © J.-F. Molino/IRD.

[381] *Symphonia* sp. A

VERNACULAR NAMES. — Pa: ti-wašiuunu.

HERBARIUM DATA (FG). — 54 collections at CAY. Sel. exs.: *M.-F. Prévost 3527*.

INVENTORY DATA (FG). — 907 trees in 162 plots;  $F_{\max} = 4.2\%$ ;  $dbh_{\text{inv}} = 83$  cm.

Genus *Tovomita* Aubl.

[382] *Tovomita brevistaminea* Engl.

*Fl. Bras. [Martius] 12 (1): 446 [1 Apr. 1888] (Engler 1888).*

*Tovomita jenmanii* Engl., *Fl. Bras. [Martius] 12 (1): 447 [1 Apr. 1888] (Engler 1888), "jenmani"*.

*Tovomita triflora* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 436 (Huber 1902).

VERNACULAR NAMES. — Pa: kwatri-wašiuone-duwē • Ka: alakapuli paindyali, paipaiyo wokulu • Wp: pasi'i wapo sili • Cr: pativyé-montangn • Br: manguerana, paxiubarana.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *M.-F. Prévost 4023*.

INVENTORY DATA (FG). — 233 trees in 47 plots;  $F_{\max} = 5.4\%$ ;  $dbh_{\text{inv}} = 20.7$  cm.

[383] *Tovomita calodictyos* Sandwith

*Bull. Misc. Inform. Kew 1936 (3): 219 [27 June 1936] (Sandwith 1936).*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kwatri-wašiuene • Ka: alakapuli, wateipa upadyali • Cr: pativyé-montangn • Br: manguerana, paxiubarana.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *S.A. Mori & T.D. Pennington 18056*.

SIZE. — Up to 28 m tall (Pipoly & Gustafsson 2002).

[384] *Tovomita caloneura* A.C.Sm.

*Lloydia* 2 (3): 197 (Smith 1939).

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3990*.

INVENTORY DATA (FG). — 193 trees in 62 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 28.3$  cm.

[385] *Tovomita fanshawei* Maguire

*Bull. Torrey Bot. Club* 75 (4): 436 [Jul.-Aug. 1948] (Maguire 1948).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2898*.

INVENTORY DATA (FG). — 152 trees in 48 plots;  $F_{\max} = 3.2\%$ ;  $dbh_{\text{inv}} = 30.2$  cm.

[386] *Tovomita gazelii* Poncy & Offroy

*Adansonia*, sér. 3, 28 (1): 114 [4 July 2006] (Poncy & Offroy 2006).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: busi mangu • Cr: pativyé-montangn • Fr: palétuvier montagne.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *O. Poncy et al. 1454* (holo-, P[P00266066, P00266068]; iso-, P[P00266067]).

INVENTORY DATA (FG). — 86 trees in 35 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 50.9$  cm.

[387] *Tovomita grata* Sandwith

*Bull. Misc. Inform. Kew* 1936 (3): 216 [27 June 1936] (Sandwith 1936).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3988*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.4$  cm.

[388] *Tovomita guianensis* Aubl.

*Hist. Pl. Guiane* 2: 957 [Jun.-Dec. 1775] (Aublet 1775), “*Guyanensis*” on plate. — *Marialva guianensis* (Aubl.) Choisy, *Mém. Soc. Hist. Nat. Paris*, sér. 2, 1: 224 (Choisy 1823), “*Tomovita* [sic] *guyanensis*”.

VERNACULAR NAMES. — Wp: pasi'i wapo sili • Cr: pativyé-montangn • Br: manguerana, paxiubarana.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000047393]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.5$  cm.

[389] *Tovomita longifolia* (Rich.) Hochr.

*Annuaire Conserv. Jard. Bot. Genève* 21: 66 (Hochreutiner 1919). — *Clusia longifolia* Rich., *Actes Soc. Hist. Nat. Paris* 1: 113 [Oct. 1792] (Richard 1792). — *Micranthera clusiooides* Choisy, *Mém. Soc. Hist. Nat. Paris*, sér. 2, 1: 224 (Choisy 1823), excl. descr. masc. et tab. 11; *nom. illeg. superfl.* (based on *Clusia longifolia*). — *Tovomita clusiifolia* (Choisy) G. Don, *Gen. Hist.* 1: 617 [early Aug. 1831] (Don 1831), “*clusiaefolia*”, *nom. illeg. superfl.* (based on *Clusia longifolia*). — *Tovomita richardiana* Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 273 (Planchon & Triana 1860), *nom. illeg. superfl.* (based on *Clusia longifolia*).

*Micranthera clusiifolia* Choisy, *Prodr. [A. P. de Candolle]* 1: 560 [mid Jan. 1824] (Choisy 1824), “*clusiaefolia*”.

*Tovomita choisyana* Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 281 (Planchon & Triana 1860), **syn. nov.**

*Tovomita bahiensis* Engl., *Fl. Bras. [Martius]* 12 (1): 455 [1 Apr. 1888] (Engler 1888), **syn. nov.**

*Tovomita melinonii* Vesque, *Epharmosis* 3: 20 (Vesque 1892), “*melinoni*”, **syn. nov.**

*Tovomita excelsa* Andrade-Lima & G. Mariz, *Bull. Torrey Bot. Club* 101 (6): 367 [“1974” publ. 1975] (Andrade-Lima & Mariz 1975), **syn. nov.**

NOTES. — Hochreutiner's stated (1919: 66) that “*L'original de Richard se trouve dans l'Herbier Delessert [...]*” (i.e. “Richard's original material is in Delessert's herbarium”) is misleading: it is not a Richard collection. Hochreutiner's precise description and transcription of the labels (Hochreutiner 1919: 66) clearly match *Leblond 34* (G[G00355740; P[P05061606]). *Micranthera clusiifolia* (“*clusiaefolia*”) is obviously a misprint for *M. clusiooides* Choisy.

Following Planchon & Triana (1860b), Marinho *et al.* (2016) distinguished *Tovomita choisyana* from *T. longifolia* (called *T. richardiana* by the former authors); yet their analysis demonstrates that the two taxa do not differ in all the distinguishing characters proposed by Planchon & Triana: number of petals, leaf morphology and inflorescence structure. Marinho *et al.* (2016) placed emphasis on differences in stamen length and shape, and in habitat preference: the stamens and staminodes of *T. longifolia* (according to these authors) were only 3–4 mm long compared to 8–10 mm in *T. choisyana*. Furthermore, they considered that *T. choisyana* was “*associated with watercourses*”. These differences do not hold: Examination of *Leblond 34* (P05061606, annotated by Marinho as “*isolecotype*” of *T. longifolia*) shows that some staminodes are 6 mm, conversely, several stamens of the isotype of *T. choisyana* at G-DC (*Unknown coll. s.n.*, G00210645) are less than 7 mm. Further, there is no information on the specimens identified as *T. choisyana* to indicate that they were collected in riparian, flooded, or swampy environments. We agree with Marinho *et al.* (2016) that *T. excelsa* Andrade-Lima & G. Mariz and *T. bahiensis* Engl. are conspecific with *T. choisyana*, and we therefore transfer them into synonymy under *T. longifolia*. The type of *T. melinonii* Vesque (*Mélinon s.n.* [holotype: P[P00093864, isotype: P00093865]) also perfectly fits in *T. longifolia*.

VERNACULAR NAMES. — Pa: kwatri-wašiuene • Ka: alakapuli, alakapuli paindyali, paipaiyo wokulu, wateipa upadyali • Wp: pasi'i



wapo, pasi'i wapo sili • Wn: itukuyen • Nt: busi mangu, mangu • Cr: pativyé-montagn • Fr: palétuvier montagne • Br: manguerana, paxiubarana.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *J.B. Leblond 34* (lecto-, G[G00355740], designated by Marinho *et al.* [2016: 771]; isolecto-, MPU[MPU014282], P[P05061606]).

INVENTORY DATA (FG). — 204 trees in 65 plots;  $F_{\max} = 4.3\%$ ;  $dbh_{\text{inv}} = 38.5$  cm.

[390] *Tovomita mangle* G.Mariz

*Bull. Torrey Bot. Club* 101 (6): 367 [“1974” publ. 1975] (Mariz 1975).

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.-F. Molino 1556*.

INVENTORY DATA (FG). — 66 trees in 34 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.8$  cm.

[391] *Tovomita maxima* Molino & J.Engel  
(Fig. 18C)

*Adansonia*, sér. 3, 44 (16): 166 (Engel *et al.* 2022).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & E. Fonty 5595* (holo-, CAY[CAY112114]).

INVENTORY DATA (FG). — 37 trees in 22 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[392] *Tovomita saulensis* J.Engel & Molino

*Adansonia* 44, sér. 3, (16): 170 (Engel *et al.* 2022).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori et al. 24002* (holo-, CAY[CAY167624]; iso-, P[P04897763], NY[NY04204154], U[U0181523], US[US00872988]).

SIZE. — *L.R. Phillippe et al. 26984*,  $dbh = 12$  cm.

[393] *Tovomita schomburgkii* Planch. & Triana  
(Fig. 18E)

*Ann. Sci. Nat., Bot.* sér. 4, 14: 274 (Planchon & Triana 1860).

*Tovomita hameliifolia* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 996 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), “*hameliifolia*”, *nom. subnud.*

*Tovomita schomburgkiana* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 996 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. subnud.*

VERNACULAR NAMES. — Ka: wateipa upadyali • Wp: pasi'i wapo, pasi'i wapo sili • Cr: pativyé-montagn • Br: mangue-da-mata, manguerana, paxiubarana.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *J.-F. Molino et al. 3372*.

INVENTORY DATA (FG). — 37 trees in 17 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[394] *Tovomita tenuiflora* Benth. ex Planch. & Triana

*Ann. Sci. Nat., Bot.* sér. 4, 14: 272 (Planchon & Triana 1860).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1948*.

INVENTORY DATA (FG). — 32 trees in 21 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 38.8$  cm.

[395] *Tovomita umbellata* Benth.

*London J. Bot.* 2: 367 (Bentham 1843).

*Tovomita stigmata* Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 275 (Planchon & Triana 1860).

*Tovomita nigrescens* Planch. & Triana, *Ann. Sci. Nat., Bot.* sér. 4, 14: 276 (Planchon & Triana 1860).

*Tovomita cephalostigma* Vesque, *Epharosis* 3: 19 (Vesque 1892).

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *E.M. Mélinon s.n. & 435* (possibly the same gathering, original material of *Tovomita cephalostigma*: P[s.n.: P00093869, P01901223; n° 435: P01901224, P01901225]).

INVENTORY DATA (FG). — 109 trees in 35 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 27.7$  cm.

[396] *Tovomita weddelliana* Planch. & Triana

*Ann. Sci. Nat., Bot.* sér. 4, 14: 277 (Planchon & Triana 1860). — *Arawakia weddelliana* (Planch. & Triana) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Clusia oblanceolata* Rusby, *Descr. S. Amer. Pl.* 58 [20 Dec. 1920] (Rusby 1920). — *Arawakia oblanceolata* (Rusby) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita longicuneata* Engl., *Bot. Jahrb. Syst.* 58 (4, Beibl. 130): 7 [1 July 1923] (Engler 1923). — *Arawakia longicuneata* (Engl.) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita sphenophylla* Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 32 [30 Mar. 1938] (Diels 1938). — *Arawakia sphenophylla* (Diels) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita lingulata* Cuatrec., *Anales Inst. Biol. Univ. Nac. México* 20: 99. (Cuatrecasas 1950). — *Arawakia lingulata* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita macrocarpa* Cuatrec., *Anales Inst. Biol. Univ. Nac. México* 20: 100. (Cuatrecasas 1950). — *Arawakia macrocarpa* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita rhizophoroides* Cuatrec., *Anales Inst. Biol. Univ. Nac. México* 20: 101. (Cuatrecasas 1950). — *Arawakia rhizophoroides* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita lanceolata* Cuatrec., *Anales Inst. Biol. Univ. Nac. México* 20: 102. (Cuatrecasas 1950). — *Arawakia lanceolata* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita glossophylla* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (29): 62 [Nov. 1950] (Cuatrecasas 1950). — *Arawakia glossophylla* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Clusia pithecobia* Standl. & L.O.Williams, *Ceiba* 1 (4): 244 (Standley & Williams 1951). — *Tovomita pithecobia* (Standl. & L.O.Williams) Gahagen, *Syst. Bot.* 40 (4): 985 [15 Dec. 2015] (Gahagen 2015). — *Arawakia pithecobia* (Standl. & L.O.Williams) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita angustata* Steyerl., *Fieldiana, Bot.* 28 (2): 399 (Steyermark 1952). — *Arawakia angustata* (Steyerl.) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita rileyi* Cuatrec., *Brittonia* 14 (1): 52 (Cuatrecasas 1962). — *Arawakia rileyi* (Cuatrec.) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita coriacea* Maguire, *Phytologia* 36 (4): 406 [22 Aug. 1977] (Maguire 1977). — *Arawakia coriacea* (Maguire) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita caputmonsia* Gahagen, *Syst. Bot.* 40 (4): 975 [15 Dec. 2015] (Gahagen 2015). — *Arawakia caputmonsia* (Gahagen) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita divesora* Gahagen, *Syst. Bot.* 40 (4): 975 [15 Dec. 2015] (Gahagen 2015). — *Arawakia divesora* (Gahagen) L.Marinho, *Molec. Phylogen. Evol.* 134: 147 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita manchamanca* Gahagen, *Syst. Bot.* 40 (4): 982 [15 Dec. 2015] (Gahagen 2015). — *Arawakia manchamanca* (Gahagen) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita panamaea* Gahagen, *Syst. Bot.* 40 (4): 983 [15 Dec. 2015] (Gahagen 2015). — *Arawakia panamaea* (Gahagen) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

*Tovomita parvifolia* Gahagen, *Syst. Bot.* 40 (4): 983 [15 Dec. 2015] (Gahagen 2015). — *Arawakia parvifolia* (Gahagen) L.Marinho, *Molec. Phylogen. Evol.* 134: 148 [publ. online Feb. 2019] (Marinho 2019).

NOTES. — Gahagen, TerBush & Ballard (2016) resurrected several names previously considered synonyms of *T. weddelliana*, and segregated 5 new species from what they called the “*T. weddelliana* species complex”. Their study relied on “quantitative” analyses of morphological characters, based on two to 11 herbarium specimens per species. In our opinion, the number of studied specimens is too low to capture the natural variability of the morphological characters (e.g. twig diameter, pedicel length or leaf blade size). Moreover, the results of their statistical analyses are unconvincing and do not clearly distinguish their 11 so-called species, whose morphological differences could simply reflect the plasticity of a single species found from the Pacific coast to the Tepuis of the Guyana and slopes of the Andes, from 0 to 1300 m altitude. Subsequently, Marinho *et al.* (2019) segregated the “*T. weddelliana* complex” in a new genus, *Arawakia*, on the basis of plastid and nuclear ITS genome analyses of 30 species out of the c. 500 that form the tribe Clusiaceae. However, their splitting of *Tovomita* into two main groups (one being *Arawakia*) appears much less supported (85–86 bootstrap values and 0.51–

0.66 posterior probabilities) than the monophyly of other genera (99–100 bootstrap/0.85–1 pp). Further, two of the five diagnostic characters that Marinho *et al.* (2019) claim to distinguish *Arawakia* from *Tovomita* do not hold: - white latex, said to be characteristic of *Arawakia* (vs yellow in *Tovomita*), has been observed by the first two authors of the present publication in *T. umbellata* (J.-F. Molino 731 and J.-F. Molino 936, CAY), *T. schomburgkii* (D. Sabatier & M.-F. Prévost 1345, D. Sabatier & M.-F. Prévost 3354 and D. Sabatier & J.-F. Molino 4679, CAY) and *T. caloneura* (D. Sabatier & M.-F. Prévost 1363, CAY); - the sepals, said to be always persistent and adpressed on fruit in *Arawakia* (vs not adpressed in *Tovomita*) are actually not adpressed on fruits of the types of *A. lingulata*, *A. macrocarpa* and *A. rileyi*. The remaining characters Marinho *et al.* (2019) present do not warrant the creation of a new genus: two are purely vegetative (leaf shape and colour of the interpetiolar line, black in *Arawakia* vs not black in *Tovomita*), and the third is epicarp colour (red in *Arawakia* vs green to brown in *Tovomita*).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier* 5799.

SIZE. — Up to 30 m tall (Cuello 1998).

[397] *Tovomita* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier* 4872.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18$  cm.

Family COMBRETACEAE R.Br.  
Genus *Conocarpus* L.

[398] *Conocarpus erectus* L.  
(Fig. 19A)

*Sp. Pl.* 1: 176 [1 May 1753] (Linnaeus 1753), “*erecta*”. — *Terminalia erecta* (L.) Baill., *Hist. Pl. [Baillon]* 6: 266, 275 [Jan.-May 1876] (Baillon 1876). — *Conocarpus erectus* var. *arboreus* DC., *Prodr. [A. P. de Candolle]* 3: 16 [mid Mar. 1828] (Candolle 1828), “*erecta* var. *arborea*”, *nom. illeg. superfl.* (based on the type of *Conocarpus erectus*).

*Conocarpus procumbens* L., *Sp. Pl.* 1: 177 [1 May 1753] (Linnaeus 1753). — *Conocarpus supinus* Crantz, *Inst. Rei Herb.* 1: 355 (Crantz 1766), *nom. illeg. superfl.* (based on *Conocarpus procumbens*). — *Conocarpus erectus* var. *procumbens* (L.) DC., *Prodr. [A. P. de Candolle]* 3: 16 [mid Mar. 1828] (Candolle 1828). — *Terminalia erecta* var. *procumbens* (L.) M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.*: 73 (Gómez 1889).

*Conocarpus acutifolius* Humb. & Bonpl. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 574 [Dec. 1819] (Roemer & Schultes 1819).

*Conocarpus pubescens* Schumacher, *Beskr. Guin. Pl.*: 115 (Schumacher 1827).

NOTE. — A species restricted to mangrove forests.

VERNACULAR NAMES. — Br: mangue-de-botão, mangue-negro.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* & *C. Proisy* 4550.

SIZE. — Up to 20 m tall (Stace 2010).

Genus *Laguncularia* C.F.Gaertn.

[399] *Laguncularia racemosa* (L.) C.F.Gaertn.

*Suppl. Carp.*: 209 (Gaertner 1807). — *Conocarpus racemosus* L., *Syst. Nat.*, ed. 10, 2: 930 [7 June 1759] (Linnaeus 1759). — *Horau racemosus* (L.) M.Gómez, *Fl. Cuba [Gómez & Roig]*: 75 (Gómez 1914).

*Schousboea commutata* Spreng., *Syst. Veg. [Sprengel]* 2: 332 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Conocarpus racemosus*).

*Rhizaeris alba* Raf., *Sylva Tellur.*: 90 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Conocarpus racemosus*).

*Laguncularia obovata* Miq., *Linnaea* 18: 752 [“1844” publ. Aug.-Oct. 1845] (Miquel 1845).

*Laguncularia racemosa* f. *longifolia* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (2): 125 (Macbride 1930).

NOTES. — A species restricted to mangrove forests. Rafinesque (1838: 90) described *Rhizaeris* as a new genus “*very diff. from Conocarpus*”, then “*R. alba* Raf., *Conocarpus racemosa* L. auct. The white Mangrove of Antilles”. He apparently thought that *C. racemosus* L. was indeed a *Conocarpus*, that this name had been wrongly used for the white mangrove, and accordingly he proposed a new name. He did not realize that *C. racemosus* is actually the white mangrove and had already been transferred to *Laguncularia* (Gaertner 1807).

VERNACULAR NAMES. — Ka: akila’i, ele’u, elewu • Cr: pativyé-gri • Fr: palétuvier gris • Br: falso-mangue, mangue-amarelo, mangue-branco.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *D. Sabatier* 2259, dbh 10 cm.

Genus *Terminalia* L.

[400] *Terminalia amazonia* (J.F.Gmel.) Exell  
(Fig. 19B)

*Fl. Suriname* 3 (1): 173 (Exell 1935). — *Chuncoa amazonia* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 702 [late Sep.-Nov. 1791] (Gmelin 1791).

*Gimbernatia obovata* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 274 [late Dec. 1798] (Ruiz & Pavón 1798). — *Chuncoa obovata* (Ruiz & Pav.) Pers., *Syn. Pl. [Persoon]* 1: 486 [1 Apr.-15 June 1805] (Persoon 1805), “*Chunchoa*”. — *Terminalia obovata* (Ruiz & Pav.) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 668 (Steudel 1841), *nom. illeg. hom., non Cambess.* (Cambessèdes 1830). — *Myrobalanus obovata* (Ruiz & Pav.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

*Bucida angustifolia* DC., *Prodr. [A. P. de Candolle]* 3: 10 [mid Mar. 1828] (Candolle 1828). — *Bucida buceras* L. var. *angustifolia* (DC.) Eichler, *Fl. Bras. [Martius]* 14 (2): 95 [17 Apr. 1867] (Eichler 1867).

*Terminalia odontoptera* Van Heurck & Müll.Arg., *Observ. Bot. [Van Heurck]* 2: 217 [10 Sep. 1871] (Van Heurck & Müller 1871).

*Terminalia excelsa* Liebm. ex Hemsli., *Biol. Cent.-Amer., Bot.* 1 (5): 402 [June 1880] (Hemsley 1880), *nom. nud.*

*Myrobalanus excelsa* Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: katauma, katumã • Ka: ityutano kwai, katulimya, kwai • Wp: alala munuwi sili, tatulimã • Nt: anangosi, kwata pepee • Cr: angouchi, bwa-blanché, grènn-oko • Br: cuiarana, mirindiba-branca.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *G.S. Perrotet s.n.* (original material of *Bucida angustifolia*: G[G00236066]).

INVENTORY DATA (FG). — 61 trees in 24 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 71$  cm.

[401] *Terminalia aubletii* Gere & Boatwr.  
(Fig. 19C)

*Bot. J. Linn. Soc.* 184 (3): 319 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Pamea guianensis* Aubl., *Hist. Pl. Guiane* 2: 946 [Jun.-Dec. 1775] (Aublet 1775). — *Terminalia pamea* DC., *Prodr. [A. P. de Candolle]* 3: 13 [mid Mar. 1828] (Candolle 1828), *nom. illeg. superfl.* (based on *Pamea guianensis*). — *Myrobalanus pamea* Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891), “*Pamaea*”. — *Buchenavia guianensis* (Aubl.) Alwan & Stace, *Nordic J. Bot.* 5 (5): 447 (Alwan & Stace 1985).

NOTES. — *Myrobalanus pamea* Kuntze is based on the illegitimate *Terminalia pamea* DC., but is legitimate as a replacement name for *Pamea guianensis* Aubl. (which is indirectly cited through *T. pamea*), *non M. guianensis* (Aubl.) Kuntze (based on *Tanibouca guianensis* Aubl., and synonym of *Terminalia dichotoma* [1818: 177]).

VERNACULAR NAMES. — Ka: katulimya • Wp: kwata kaya, tatulimã sili • Nt: anangosi • Cr: zanmann-sovaj • Fr: amandier sauvage • Br: tanimucá.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Pamea guianensis*: BM[BM000953713]).

INVENTORY DATA (FG). — 17 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 101$  cm.

[402] *Terminalia carinata* Sabatier & J.Engel  
(Fig. 19D)

*Adansonia*, sér. 3, 42 (16): 262 [2 Nov. 2020] (Engel & Sabatier 2020).

VERNACULAR NAMES. — Pa: karevru-danõ • Ka: kalalawa akunepili • Nt: anangosi, kwata pepe, kwata pepee • Cr: angouchi, bwa-blanché, grènn-oko • Fr: amandier sauvage • Br: mirindiba-branca.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *D. Sabatier et al.* 4891 (holo-, CAY[CAY182887]; iso-, K, P[P01155925]).

INVENTORY DATA (FG). — 56 trees in 32 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[403] *Terminalia catappa* L.

*Mant. Pl.* 1: 128 (Linnaeus 1767). — *Juglans catappa* (L.) Lour., *Fl. Cochinch.* 2: 573 [Sep. 1790] (Loureiro 1790). — *Myrobalanus catappa* (L.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891). — *Buceras catappa* (L.) Hitchc., *Rep. (Annual) Missouri Bot. Gard.* 4: 85 (Hitchcock 1893).

*Phytolacca javanica* Osbeck, *Dagb. Ostind. Resa.* 276 (Osbeck 1757).

*Terminalia moluccana* Lam., *Encycl. [J. Lamarck et al.]* 1 (2): 349 [1 Aug. 1785] (Lamarck 1785).

*Terminalia ovatifolia* Noronha, *Verh. Batav. Genootsch. Kunst.* 5 (4): 27 (Noronha 1790).

*Badamia commersonii* Gaertn., *Fruct. Sem. Pl.* 2: 90 [Sep.-Nov. 1790] (Gaertner 1790), “*Commersoni*”.

*Terminalia subcordata* Humb. & Bonpl. ex Willd., *Sp. Pl.*, ed. 4 4 (2): 968 [Apr. 1806] (Willdenow 1806). — *Terminalia catappa* var. *subcordata* (Humb. & Bonpl. ex Willd.) DC., *Prodr. [A. P. de Candolle]* 3: 11 [mid Mar. 1828] (Candolle 1828).

*Myrobalanus badamia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 707 [3 Sep. 1814] (Poiret 1814), “*Mirobolanus*”. — *Terminalia badamia* (Poir.) DC., *Prodr. [A. P. de Candolle]* 3: 12 [mid Mar. 1828] (Candolle 1828).

*Myrobalanus terminalia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 707 [3 Sep. 1814] (Poiret 1814), “*Mirobolanus*”.

*Terminalia myrobalana* Roth, *Nov. Pl. Sp.* 378 [Apr. 1821] (Roth 1821).

*Terminalia intermedia* Bertero ex Spreng., *Syst. Veg. [Sprengel]* 2: 359 [Jan.-May 1825] (Sprengel 1825).

*Terminalia kydiana* Roxb. ex Wall., *Numer. List* no. 3974 (Wallich 1831).

*Terminalia latifolia* Blanco, *Fl. Filip. [F.M. Blanco]* 376 (Blanco 1837).

*Terminalia paraensis* Mart., *Flora* 24 (2, Beibl.): 24 (Martius 1841).

*Terminalia mauritiana* Blanco, *Fl. Filip. [F.M. Blanco]*, ed. 2: 264 (Blanco 1845).

*Terminalia rubrigemmis* Tul., *Ann. Sci. Nat., Bot. sér.* 4, 6: 102 (Tulasne 1856). — *Myrobalanus rubrigemmis* (Tul.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

*Myrobalanus commersonii* Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

NOTE. — A species native to South-West Asia, introduced and naturalised in most tropical regions.

VERNACULAR NAMES. — Pa: zamád, zaman • Ka: amandra • Nt: amanda, amandaa • Cr: zanmann • Fr: amandier pays • Br: amendoeira-da-praia.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25515.

SIZE. — Up to 35 m tall (Stace 2010).

[404] *Terminalia dichotoma* G.Mey.

*Prim. Fl. Esseq.* 177 [Nov. 1818] (Meyer 1818). — *Terminalia latifolia* Sw. var. *dichotoma* (G.Mey.) DC., *Prodr. [A. P. de Candolle]* 3: 12 [mid Mar. 1828] (Candolle 1828).

*Tanibouca guianensis* Aubl., *Hist. Pl. Guiane* 1: 448 [Jun.-Dec. 1775] (Aublet 1775). — *Myrobalanus guianensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891). — *Terminalia tanibouca* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), *nom. illeg. superfl.* (based on *Tanibouca guianensis*).

*Catappa guianensis* C.F.Gaertn., *Suppl. Carp.* 207 (Gaertner 1807).

NOTE. — According to Stace (2010), *Catappa guianensis* Gaertn. is not based on *Tanibouca guianensis* Aubl.

VERNACULAR NAMES. — Ka: kalalawa akunepili • Wp: alala munuwi • Cr: angouchi, grènn-oko • Br: cinzeiro, tanimbuca.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Tanibouca guianensis*: BM[BM000953723]).

INVENTORY DATA (FG). — 13 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 59$  cm.

[405] *Terminalia grandis* (Ducke) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 320 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia grandis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 148 (Ducke 1925).

*Buchenavia huberi* Ducke, *Bol. Técn. Inst. Agron. N.* 4: 24 [31 Mar. 1945] (Ducke 1945).

VERNACULAR NAMES. — Nt: anangosi • Cr: zanmann-sovaj • Fr: amandier sauvage • Br: marindiba, tanimbuca.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4829.

INVENTORY DATA (FG). — 23 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 60.5$  cm.

[406] *Terminalia guyanensis* Eichler

*Fl. Bras. [Martius]* 14 (2): 88 [17 Apr. 1867] (Eichler 1867).

*Myrobalanus eichleriana* Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, B[not seen, photo F neg. N° 14333]; iso-, GH[GH00068628], K[K000640657], P[P01901252, P01901253, P01901254], U[U0001197]).

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[407] *Terminalia lucida* Hoffmanns. ex Mart. & Zucc.

*Flora* 7 (1, Beibl.): 130 [25 Apr. 1824] (Martius & Zuccarini 1824). — *Myrobalanus lucida* (Hoffmanns. ex Mart. & Zucc.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

*Terminalia firma* Mart. & Zucc., *Flora* 7 (1, Beibl.): 130 [25 Apr. 1824] (Martius & Zuccarini 1824).

*Terminalia eriantha* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 240 (Bentham 1850).

*Terminalia scutifera* Planch. ex M.A.Lawson, *Fl. Trop. Afr.* 2: 417 (Lawson 1871). — *Myrobalanus scutifera* (Planch. ex M.A.Lawson) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891).

*Terminalia hayesii* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 239 [22 Sep. 1917] (Pittier 1917).

*Terminalia nyssifolia* Britton, *Bull. Torrey Bot. Club* 48 (12): 333 [“1921” publ. 1922] (Britton 1922), “*nyssaefolia*”.

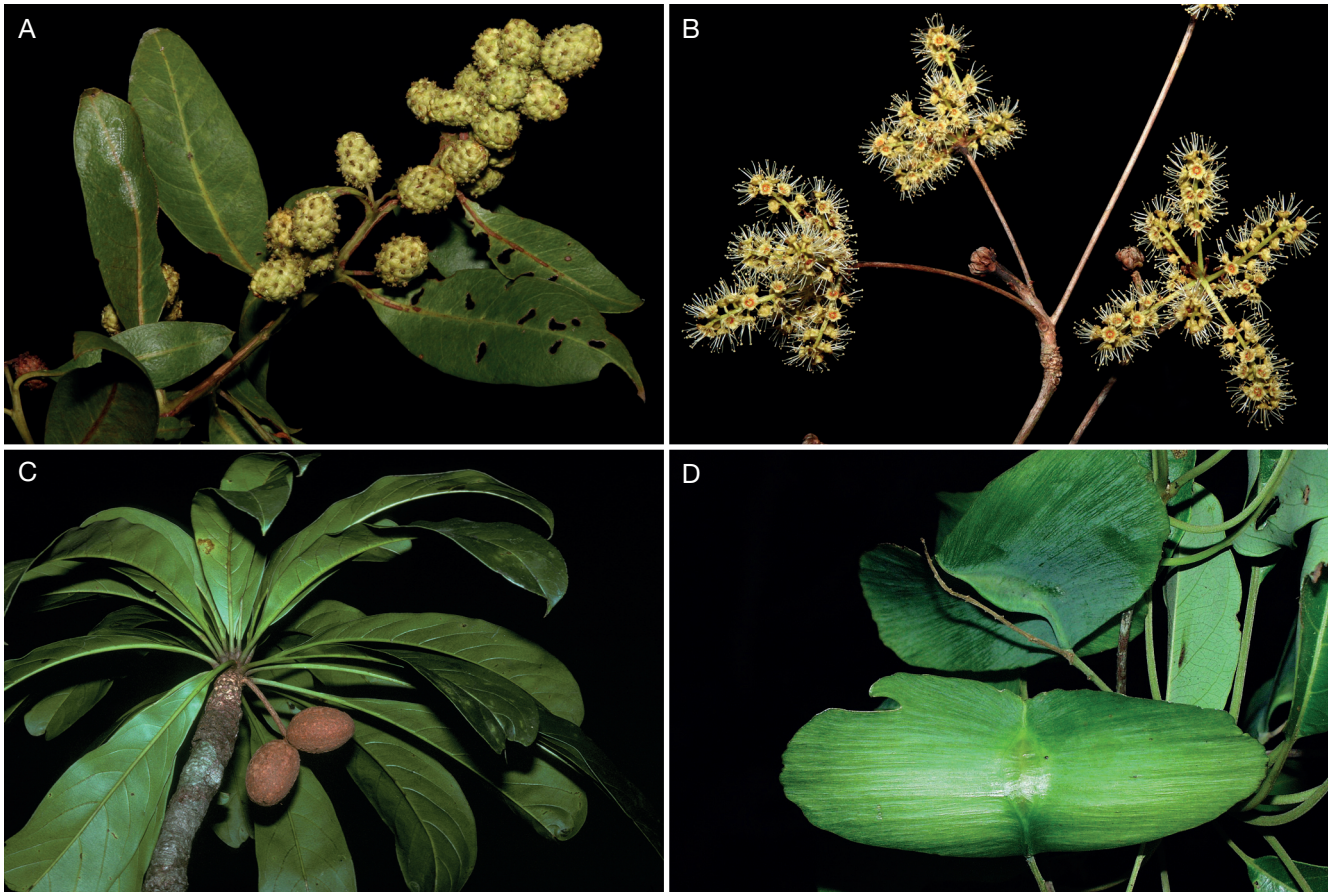


FIG. 19. — Combretaceae: **A**, *Conocarpus erectus* L. (M.-F. Prévost & S. Gonzalez 5313); **B**, *Terminalia amazonia* (J.F.Gmel.) Exell; **C**, *Terminalia aubletii* Gere & Boatwr. (D. Sabatier 2283); **D**, *Terminalia carinata* Sabatier & J.Engel (D. Sabatier *et al.* 4891). © D. Sabatier/IRD.

NOTES. — Martius (1824: 44) cited the collection locality of *T. firma* Mart. & Zucc. as “Habitat in editis montis Serra de Araracoara ad fluvium Japurá, Provinciae flum. nigri.” Stace (2010) cited the locality as being situated in Brazil (Amazonas), but in January 1820 Martius collected the original gathering in Araracuara, on the Rio Caquetá, which is in Colombia.

VERNACULAR NAMES. — Wp: alala munuwi • Cr: angouchi, bwa-blanché, grènn-oko • Br: cinzeiro, tanimbucá.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: M.-F. Prévost 1221; M.-F. Prévost & D. Sabatier 4895, dbh 12 cm.

[408] *Terminalia macrophylla* (Eichler) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 320 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia macrophylla* Eichler, *Flora* 49 (11): 166 (Eichler 1866). — *Terminalia macrophylla* Spruce ex Eichler, *Fl. Bras. [Martius]* 14 (2): 98 [17 Apr. 1867] (Eichler 1867), *nom. nud. pro syn.*

*Buchenavia stellae* Cuatrec., *Fieldiana, Bot.* 27 (1): 109 (Cuatrecasas 1950).

VERNACULAR NAMES. — Ka: katulimya • Wp: kwata kaya, tatulimá sili • Wn: alimi huhu, ekesima, ekesimé • Nt: kwata bobi • Cr: tapouliman, zanmann-sovaj • Br: tanimbucá.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 5017, dbh 43 cm.

[409] *Terminalia megalophylla* (Van Heurck & Müll.Arg.) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 320 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia megalophylla* Van Heurck & Müll.Arg., *Observ. Bot. [Van Heurck]* 2: 211 [10 Sep. 1871] (Van Heurck & Müller 1871).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, J.-J. de Granville B-4792.

SIZE. — Up to 45 m tall (Stace 2009).

[410] *Terminalia nitidissima* Rich.

*Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792). — *Myrobalanus nitidissima* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891). — *Buchenavia nitidissima* (Rich.) Alwan & Stace, *Nordic J. Bot.* 5 (5): 449 (Alwan & Stace 1985).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (original material G[G00177930]).

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 32.9$  cm.

[411] *Terminalia oblonga* (Ruiz & Pav.) Steud.

*Nomencl. Bot. [Steudel]*, ed. 2, 2: 668 (Steudel 1841). — *Gimbernatia oblonga* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 275 [late Dec. 1798] (Ruiz & Pavón 1798). — *Chuncoa oblonga* (Ruiz & Pav.) Pers., *Syn. Pl. [Persoon]* 1: 486 [1 Apr.-15 June 1805] (Persoon 1805), “*Chunchoa*”. — *Myrobalanus oblonga* (Ruiz & Pav.) Kuntze, *Revis. Gen. Pl.* 1: 237 [5 Nov. 1891] (Kuntze 1891). — *Chuncoa diptera* F.Dietr., *Nachtr. Vollst. Lex. Gärtn.* 2: 244 [May 1816] (Dietrich 1816), *nom. illeg. superfl.* (based on *Gimbernatia oblonga*).

*Terminalia tarapotensis* Van Heurck & Müll.Arg., *Observ. Bot. [Van Heurck]* 2: 213 [10 Sep. 1871] (Van Heurck & Müller 1871).

*Terminalia chiriquensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 238 [22 Sep. 1917] (Pittier 1917).

*Terminalia obidensis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 147 (Ducke 1925).

VERNACULAR NAMES. — Wp: alala munuwi • Cr: angouchi, grènnoko • Br: cinzeiro, tanimbucá.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Grenand 1303*.

SIZE. — Brazil, Pará. *D.C. Daly 1645* (MO), 20 m × 40 cm.

[412] *Terminalia ochroprumna* (Eichler) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 321 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia ochroprumna* Eichler, *Flora* 49 (11): 165 (Eichler 1866).

*Buchenavia discolor* Diels, *Verh. Bot. Vereins Prov. Brandenburg* 48: 192 [“1906” publ. 8 Mar. 1907] (Diels 1907).

VERNACULAR NAMES. — Br: tanimbucá-do-igapó, tanimbucá-rana.

HERBARIUM DATA (FG). — A single collection, *P. Béna 1313*.

SIZE. — Up to 30 m tall (Stace 2009).

[413] *Terminalia parvifolia* (Ducke) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 321 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia parvifolia* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 150 (Ducke 1925).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier 2300*.

SIZE. — Brazil, Rondônia. *G.T. Prance et al. 8551* (P), 15 m × 10 cm.

[414] *Terminalia tetraphylla* (Aubl.) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 322 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Cordia tetraphylla* Aubl., *Hist. Pl. Guiane* 1: 224 [Jun.-Dec. 1775] (Aublet 1775). — *Firensia lutea* Raf., *Sylva Tellur.*: 40 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Cordia tetraphylla*). — *Lithocardium tetraphyllum* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Buchenavia tetraphylla* (Aubl.) R.A.Howard, *J. Arnold Arbor.* 64 (2): 266 [Apr. 1983] (Howard 1983). — *Geracanthus tetraphyllus* (Aubl.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

*Bucida capitata* Vahl, *Eclog. Amer.* 1: 50 (Vahl 1797). — *Buchenavia capitata* (Vahl) Eichler, *Flora* 49 (11): 165 (Eichler 1866). — *Terminalia capitata* (Vahl) C.Wright, *Anales Acad. Ci. Med. Habana* 5: 410 (Wright 1869).

*Hudsonia arborea* A.Rob. ex Lunan, *Hort. Jamaic.* 2: 310 (Lunan 1814).

*Terminalia obovata* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (17): 241 [“1829” publ. 4 Dec. 1830] (Cambessède 1830). — *Terminalia hilariana* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 668 (Steudel 1841), *nom. illeg. superfl.* (based on *Terminalia obovata*).

*Bucida angustifolia* Spruce ex Eichler, *Flora* 49 (11): 165 (Eichler 1866), *nom. illeg. hom., non DC.* (Candolle 1828).

*Pseudolmedia bucidifolia* Bello, *Anales Soc. Esp. Hist. Nat.* 12: 109 (Bello 1883), “*bucidaefolia*”.

*Buchenavia gracilis* Glaz., *Bull. Soc. Bot. France* 54 (Mém. 3c): 203 [“1907” publ. 22 Feb. 1908] (Glaziou 1908), *nom. nud.*

*Buchenavia macahensis* Glaz., *Bull. Soc. Bot. France* 54 (Mém. 3c): 203 [“1907” publ. 22 Feb. 1908] (Glaziou 1908), *nom. nud.*

*Buchenavia vaupesana* Cuatrec., *Fieldiana, Bot.* 27 (1): 108 (Cuatrecasas 1950).

*Buchenavia ptariensis* Steyererm., *Fieldiana, Bot.* 28 (2): 423 (Steyerermark 1952).

VERNACULAR NAMES. — Ka: katulimya • Wp: kwata kaya, tatulimá sili • Cr: tapouliman, zanmann-sovaj • Br: cuiarana, mirindiba.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Loubry 1934*.

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 75$  cm.

[415] *Terminalia viridiflora* (Ducke) Gere & Boatwr.

*Bot. J. Linn. Soc.* 184 (3): 322 [epubl. 22 June 2017] (Gere & Boatwright 2017). — *Buchenavia viridiflora* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 63 [Sep. 1935] (Ducke 1935).

*Buchenavia amazonia* Alwan & Stace, *Ann. Missouri Bot. Gard.* 76 (4): 1127 (Alwan & Stace 1989).

VERNACULAR NAMES. — Pa: wakaba • Wp: tatulimá • Cr: zanmann-dan-bwa.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P. Grenand 1776*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $\text{dbh}_{\text{inv}} = 90$  cm.

Family CORDIACEAE R.Br. ex Dumort.  
Genus *Cordia* L.

[416] *Cordia alliodora* (Ruiz & Pav.) Oken

*Allg. Naturgesch.* 3 (2): 1098 (Oken 1841). — *Cerdana alliodora* Ruiz & Pav., *Flora Peruviana* 2: 47 (Ruiz & Pavón 1799). — *Cordia alliodora* (Ruiz & Pav.) Cham., *Linnaea* 8 (2): 121 (Chamisso 1833), *nom. inval.* (genus name and specific epithet not associated [Turland *et al.* 2018: Art. 35.2]). — *Lithocardium alliodorum* (Ruiz & Pav.) Kuntze, *Revis. Gen. Pl.* 2: 976 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus alliodorus* (Ruiz & Pav.) Kuhlmann & Mattos, *Loefgrenia* 47: 1 (Kuhlmann & Mattos 1970), “*alliodora*”.

VERNACULAR NAMES. — Nt: wataa kanu • Cr: sèd-sam • Fr: cèdre sam • Br: freijó, freijó-branco, louro-alho.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24798.

SIZE. — Up to 40 m tall (Gaviria 1997).

[417] *Cordia bicolor* A.DC.

*Prodr. [A. P. de Candolle]* 9: 485 [1 Jan. 1845] (Candolle 1845). — *Lithocardium bicolor* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 976 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus bicolor* (A.DC.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 399 (Borhidi 1988).

*Lithocardium lockhartii* Kuntze, *Revis. Gen. Pl.* 2: 438 [5 Nov. 1891] (Kuntze 1891). — *Cordia lockhartii* Kuntze, *Revis. Gen. Pl.* 2: 438 [5 Nov. 1891] (Kuntze 1891), “*lockartii*”, *nom. nud. pro syn.*

*Cordia trichostyla* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 252 [22 Sep. 1917] (Pittier 1917).

*Cordia carnososa* Rusby, *Descr. S. Amer. Pl.* 104 [20 Dec. 1920] (Rusby 1920).

*Cordia belizensis* Lundell, *Amer. Midl. Naturalist* 29 (2): 488 [5 Apr. 1943] (Lundell 1943).

NOTE. — Although the “Borragineae” of the *Prodromus* were treated by A. P. de Candolle himself, note 1 on p. 466 states that his son Alphonse provided annotations and additions, among them several species whose names and descriptions are explicitly ascribed to “Alph. DC.”

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *M.-F. Prévost* 169.

INVENTORY DATA (FG). — 40 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 83$  cm.

[418] *Cordia dentata* Poir.

*Encycl. [J. Lamarck et al.]* 7: 48 [6 July 1806] (Poiret 1806). — *Carpiphea dentata* (Poir.) Raf., *Sylva Tellur.*: 39 (Rafinesque 1838).

*Cordia calypttrata* Bertero ex Spreng., *Syst. Veg. [Sprengel]* 1: 649 [“1825” publ. late 1824] (Sprengel 1824). — *Varronia calypttrata* (Bertero ex Spreng.) DC., *Prodr. [A. P. de Candolle]* 9: 469 [1 Jan. 1845] (Candolle 1845).

*Varronia calypttrata* var. *hartwegii* DC., *Prodr. [A. P. de Candolle]* 9: 469 [1 Jan. 1845] (Candolle 1845).

*Cordia tenuifolia* Bertol., *Misc. Bot. [Bertol.]* 21: 13 (Bertoloni 1860). — *Lithocardium tenuifolium* (Bertol.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia leptopoda* K.Krause, *Bot. Jahrb. Syst.* 37 (5): 628 [30 Oct. 1906] (Krause 1906).

*Cordia ovata* Brandege, *Univ. Calif. Publ. Bot.* 10: 187 (Brandege 1922).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M.-F. Prévost* 4476.

SIZE. — Up to 25 m tall (Nowicke 1969).

[419] *Cordia exaltata* Lam.

*Tabl. Encycl.* 1[2 (1)]: 422 [30 July 1792] (Lamarck 1792). — *Lithocardium exaltatum* (Lam.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus exaltatus* (Lam.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 399 (Borhidi 1988).

*Cordia melanoneura* Klotzsch ex M.R.Schomb., *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 960 [“1848” publ. 7-10 Mar. 1849] (Schomburgk 1849), *nom. nud.*

*Cordia scabrida* Mart. ex Fresen., *Fl. Bras. [Martius]* 8 (1): 11 [28 Feb. 1857] (Fresenius 1857). — *Lithocardium scabridum* (Mart. ex Fresen.) Kuntze, *Revis. Gen. Pl.* 2: 439 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus scabridus* (Mart. ex Fresen.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

*Cordia exaltata* var. *melanoneura* I.M.Johnst., *J. Arnold Arbor.* 16 (1): 30 [25 Jan. 1935] (Johnston 1935).

VERNACULAR NAMES. — Wp: kuluwa’i, kuluwa’i sili • Wn: mojoy • Nt: busi kiikii • Cr: bwa-sip • Br: cauarú-caá, chapéu-de-sol.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00633485]; iso-, P[P00633484, P03892075, P03892077]).

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37$  cm.

[420] *Cordia fallax* I.M.Johnst.

*J. Arnold Arbor.* 16 (1): 10 [25 Jan. 1935] (Johnston 1935).

*Cordia guianensis* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 960 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. illeg. hom., non* (Desv.) Roem. & Schult. (Roemer & Schultes 1819).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *G. Creemers* 8385.

SIZE. — Up to 35 m tall (Gaviria 1997).

[421] *Cordia fulva* I.M.Johnst.

*J. Arnold Arbor.* 16 (1): 20 [25 Jan. 1935] (Johnston 1935).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *E.M. Mélinon* 137, 1877 (holo-, GH[GH00095576]; iso-, GH[GH00095577]).

INVENTORY DATA (FG). — 1 tree, dbh = 27.7 cm.

[422] *Cordia goeldiana* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 89 (Huber 1910). — *Gerascanthus goeldianus* (Huber) M.Kuhlmann & Mattos, *Loefgrenia* 47: 2 (Kuhlmann & Mattos 1970).

VERNACULAR NAMES. — Wp: ka'i tuli (?) • Br: freijó, frei-jorge.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Larpin* 946.

INVENTORY DATA (FG). — 22 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 85$  cm.

[423] *Cordia laevifrons* I.M.Johnst.  
(Fig. 20A)

*J. Arnold Arbor.* 16 (1): 16 [25 Jan. 1935] (Johnston 1935).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5647.

INVENTORY DATA (FG). — 7 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.1$  cm.

[424] *Cordia lomatoloba* I.M.Johnst.

*J. Arnold Arbor.* 18 (1): 12 [22 Jan. 1937] (Johnston 1937). — *Gerascanthus lomatolobus* (I.M.Johnst.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 400 (Borhidi 1988).

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4221.

INVENTORY DATA (FG). — 35 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 83$  cm.

[425] *Cordia naidophila* I.M.Johnst.

*J. Arnold Arbor.* 17 (1): 32 [24 Jan. 1936] (Johnston 1936). — *Gerascanthus naidophilus* (I.M.Johnst.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 400 (Borhidi 1988).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* 178.

SIZE. — Up to 15 m tall (Gaviria 1997).

[426] *Cordia nervosa* Lam.

*Tabl. Encycl.* 1[2 (1)]: 422 [30 July 1792] (Lamarck 1792). — *Lithocardium nervosum* (Lam.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia calophylla* Vahl, *Eclog. Amer.* 3: 5 (Vahl 1807). — *Gerascanthus calophyllus* (Vahl) Borhidi, *Acta Bot. Hung.* 34 (3-4): 399 (Borhidi

1988). — *Lithocardium calophyllum* (Vahl) Kuntze, *Revis. Gen. Pl.* 2: 976 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material P[P03892659]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.8$  cm.

[427] *Cordia nodosa* Lam.

*Tabl. Encycl.* 1[2 (1)]: 422 [30 July 1792] (Lamarck 1792). — *Cordia collococa* Aubl., *Hist. Pl. Guiane* 1: 219 [Jun.-Dec. 1775] (Aublet 1775), “*collo-cocus*” on plate, *nom. illeg. hom., non Cordia collococa* L. (Linnaeus 1759). — *Cordia hirsuta* Willd., *Sp. Pl.*, ed. 4 1 (2): 1076 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on the illegitimate *Cordia collococa*, for which the replacement name *C. nodosa* already existed). — *Cordia formicarum* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 4: 800 [Mar.-June 1819] (Roemer & Schultes 1819). — *Cordia nodosa* var. *hispidissima* Fresen., *Fl. Bras. [Martius]* 8 (1): 17 [28 Feb. 1857] (Fresenius 1857). — *Cordia nodosa* var. *glabrior* Fresen., *Fl. Bras. [Martius]* 8 (1): 16 [28 Feb. 1857] (Fresenius 1857). — *Lithocardium nodosum* (Lam.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Firensia hirsuta* Raf., *Sylva Tellur.*: 40 (Rafinesque 1838), *nom. illeg. superfl.* (based on *C. hirsuta* and *Cordia collococa*, for which the replacement name *C. nodosa* already existed).

*Cordia hispidissima* DC., *Prodr. [A. P. de Candolle]* 9: 475 [1 Jan. 1845] (Candolle 1845). — *Lithocardium hispidissimum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia miranda* DC., *Prodr. [A. P. de Candolle]* 9: 475 [1 Jan. 1845] (Candolle 1845). — *Lithocardium mirandum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia nodosa* var. *angustifolia* Fresen., *Fl. Bras. [Martius]* 8 (1): 17 [28 Feb. 1857] (Fresenius 1857).

*Cordia umbrosa* Spruce ex Rusby, *Bull. Torrey Bot. Club* 26 (3): 147 [18 Mar. 1899] (Rusby 1899).

*Cordia volubilis* Pittier, *J. Wash. Acad. Sci.* 19: 184 (Pittier 1929).

NOTE. — Var. *glabrior* is based on *C. formicarum*, and var. *hispidissima* is based on *C. collococa*.

VERNACULAR NAMES. — Pa: kasiu-van, wiwis-kasiuvan • Ka: aluko wonale, awale emulutano, awale mulu, awata epi • Wp: yawatai • Wn: jenëkapo, siktukahmit • Nt: wasiwasi uwii, wasiwasi wiwii • Cr: bwa-fronmi, lanmoussé-fronmi • Br: arua-felpudo, graõ-de-galo, pau-de-formiga.

HERBARIUM DATA (FG). — 145 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P-JJR, P00777834).

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.5$  cm.

[428] *Cordia panicularis* Rudge

*Pl. Guian. [Rudge]* 1 (4): 30 [Apr.-May 1806] (Rudge 1806). — *Lithocardium paniculare* (Rudge) Kuntze, *Revis. Gen. Pl.* 2: 976 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus panicularis* (Rudge)



Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988), *nom. inval.* (basionym citation incomplete).

VERNACULAR NAMES. — Te: tapi'ilupabi hun.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J. Martin 151* (holo-, K[K000583350]; iso-, BM[BM000953118], GH[GH00095780], P[P00634041, P00634042]).

INVENTORY DATA (FG). — 13 trees in 6 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 19.4$  cm.

[429] *Cordia sagotii* I.M.Johnst.  
(Fig. 20B)

*J. Arnold Arbor.* 16 (1): 27 [25 Jan. 1935] (Johnston 1935). — *Gerascanthus sagotii* (I.M.Johnst.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988).

*Cordia coriacea* Sagot ex Benoist, *Arch. Bot.* 5 (Mém. 1): 257 [27 Mar. 1933] (Benoist 1933), *nom. illeg. hom., non* Killip (1927).

*Cordia hirta* I.M.Johnst., *J. Arnold Arbor.* 16 (1): 29 [25 Jan. 1935] (Johnston 1935). — *Gerascanthus hirtus* (I.M.Johnst.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988).

NOTE. — A label affixed by J. Gaviria in 1987 on a K specimen, K000583352, wrongly claims that it is the holotype of *Cordia sagotii*. Actually, Johnston (1935: 28) wrote: "Acarouany [...], Dec. 1856, *Sagot 447* (TYPE of *C. coriacea* Sagot and *C. Sagotii*, Paris)". This unambiguously designates as holotype the specimen P00634059. This is furthermore confirmed by two labels in Johnston's hand on P00634059. All other Sagot material bearing the same number 447, but dated "1855" or "1857" (including K000583352), are probably syntypes.

VERNACULAR NAMES. — Pa: imavui-kamwi, wiwis-ahavukunó, wiwis-priyo, wiwis-purubumna • Ka: alatuluka, kulebogo tikalayí, tagulewe itudyano • Wp: kuluwa'i • Nt: busi kiikii • Cr: bwa-parasól • Fr: arbre parasol, bois parasol.

HERBARIUM DATA (FG). — 59 collections at CAY. Sel. exs.: *P.A. Sagot 447*, Dec. 1856 (holo-, P[P00634059]; iso-, BM[BM000906178], K[K000583351], P[P03860113]).

INVENTORY DATA (FG). — 170 trees in 93 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 53.7$  cm.

[430] *Cordia sericalyx* A.DC.

*Prodr. [A. P. de Candolle]* 9: 485 [1 Jan. 1845] (Candolle 1845). — *Lithocardium sericalyx* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus sericalyx* (A.DC.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

*Cordia sericalyx* A.DC. var. *latifolia* Miq., *Stirp. Surinam. Select.*: 140 [1850 publ. Mar. 1851] (Miquel 1851).

*Cordia opaca* Rusby, *Descr. S. Amer. Pl.* 104 [20 Dec. 1920] (Rusby 1920). — *Gerascanthus opacus* (Rusby) Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988).

*Bourreria viridis* Rusby, *Descr. S. Amer. Pl.* 106 [20 Dec. 1920] (Rusby 1920). — *Gerascanthus viridis* (Rusby) Borhidi, *Acta Bot. Hung.* 34 (3-4): 403 (Borhidi 1988). — *Cordia viridis* (Rusby) I.M.Johnst., *J. Arnold Arbor.* 33 (1): 64 [Jan. 1952] (Johnston 1952).

*Cordia ierensis* Britton, *Bull. Torrey Bot. Club* 50 (1): 54 [Jan. 1923] (Britton 1923).

*Cordia coriacea* Killip, *J. Wash. Acad. Sci.* 17: 329 (Killip 1927).

VERNACULAR NAMES. — Wp: kuluwa'i, kuluwa'i sili.

HERBARIUM DATA (FG). — 1 collections at CAY. Sel. exs.: *P. Grenand 237*.

SIZE. — Guyana. *P. Mutchnick 773*, 15 m.

[431] *Cordia sprucei* Mez

*Bot. Jahrb. Syst.* 12: 549 [23 Dec. 1890] (Mez 1890). — *Lithocardium sprucei* (Mez) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus sprucei* (Mez) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

VERNACULAR NAMES. — Wp: kuluwa'i.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *M.-F. Prévost & C. Feuillet 3968*.

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

[432] *Cordia tetrandra* Aubl.  
(Fig. 20C)

*Hist. Pl. Guiane* 1: 222 [Jun.-Dec. 1775] (Aublet 1775). — *Lithocardium tetrandrum* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Borellia aspera* Raf., *Sylva Tellur.*: 41 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Cordia tetrandra*). — *Gerascanthus tetrandrus* (Aubl.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

*Cordia cordifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 70 [Late Sep. 1818] (Kunth 1818). — *Lithocardium cordifolium* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 976 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus cordifolius* (Kunth) Borhidi, *Acta Bot. Hung.* 34 (3-4): 399 (Borhidi 1988).

*Cordia muneco* Kunth, *Nova genera et species plantarum [H.B.K.]* 7: 207 [21 Feb. 1825] (Kunth 1825). — *Lithocardium muneco* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus muneco* (Kunth) Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988).

*Cordia umbraculifera* DC., *Prodr. [A. P. de Candolle]* 9: 484 [1 Jan. 1845] (Candolle 1845).

VERNACULAR NAMES. — Ka: alatuluka • Wp: kuluwa'i u • Br: chapéu-de-sol.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777832] designated by Lanjouw & Uittien [1940: 150]).

SIZE. — Up to 18 m tall (Gaviria 1997).

[433] *Cordia toqueve* Aubl.

*Hist. Pl. Guiane* 1: 228 [Jun.-Dec. 1775] (Aublet 1775). — *Lithocardium toqueve* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov.

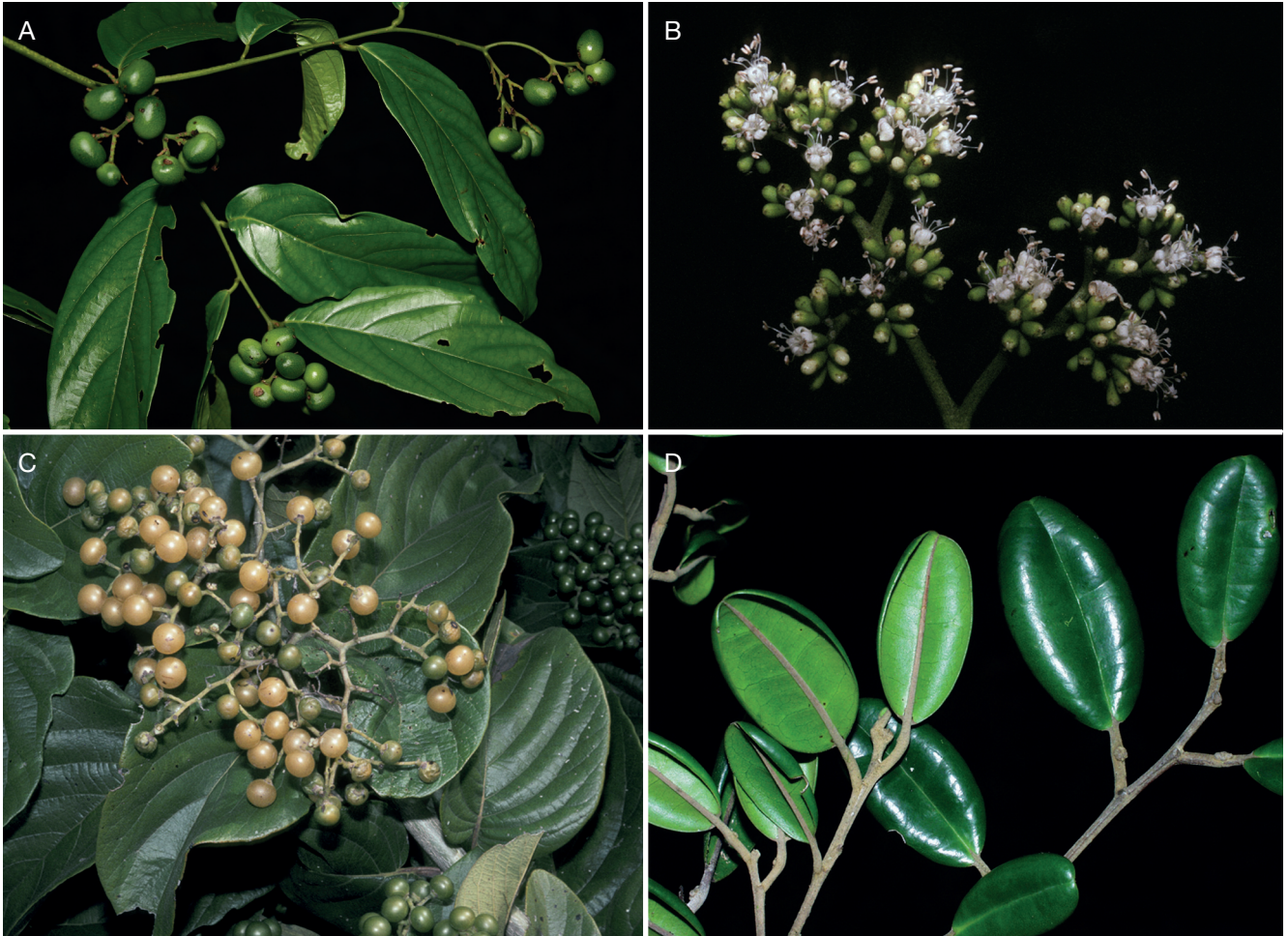


FIG. 20. — Cordiaceae: **A**, *Cordia laevifrons* I.M.Johnst. (D. Sabatier & J.-F. Molino 5647); **B**, *Cordia sagotii* I.M.Johnst. (M.-F. Prévost & D. Sabatier 4804); **C**, *Cordia tetrandra* Aubl. (M.-F. Prévost 1500). Dichapetalaceae: **D**, *Tapura capitulifera* Baill. A, D © D. Sabatier/IRD; B, C, © M.-F. Prévost/IRD.

1891] (Kuntze 1891). — *Gerascanthus toqueve* (Aubl.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 402 (Borhidi 1988).

*Cordia heterophylla* Poir., *Dict. Sci. Nat.*, ed. 2 [F. Cuvier], 10: 409 (Poiret 1818). — *Lithocardium heterophyllum* (Poir.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891). — *Gerascanthus heterophyllus* (Poir.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 400 (Borhidi 1988).

*Toquera tomentosa* Raf., *Sylva Tellur.*: 40 (Rafinesque 1838).

*Cordia hebecarpa* DC., *Prodr. [A. P. de Candolle]* 9: 488 [1 Jan. 1845] (Candolle 1845). — *Lithocardium hebecarpum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia pubescens* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 4: 800 [Mar.-June 1819] (Roemer & Schultes 1819). — *Gerascanthus pubescens* (Roem. & Schult.) Borhidi, *Acta Bot. Hung.* 34 (3-4): 401 (Borhidi 1988). — *Lithocardium pubescens* (Roem. & Schult.) Kuntze, *Revis. Gen. Pl.* 2: 977 [5 Nov. 1891] (Kuntze 1891).

*Cordia expansa* Lingelsh., *Repert. Spec. Nov. Regni Veg.* 7: 244 (Lingelshheim 1909).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777830] designated by Lanjou & Uittien [1940: 150]).

INVENTORY DATA (FG). — 1 tree, dbh = 15.5 cm.

Family DICHAPETALACEAE Baill.  
Genus *Tapura* Aubl.

[434] *Tapura amazonica* Poepp.

*Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 41 [8-11 Mar. 1843] (Poeppig 1843).

*Tapura ciliata* Gardner, *Icon. Pl.* 5 [n.s., 1]: t. 466 [Jan.-Oct. 1842] (Gardner 1842). — *Tapura amazonica* var. *ciliata* (Gardner) Baill., *Fl. Bras. [Martius]* 12 (1): 375 [1 Apr. 1886] (Baillon 1886).

*Tapura amazonica* var. *cuspidata* Baill., *Fl. Bras. [Martius]* 12 (1): 375 [1 Apr. 1886] (Baillon 1886).

*Tapura amazonica* var. *dasyphylla* Baill., *Fl. Bras. [Martius]* 12 (1): 375 [1 Apr. 1886] (Baillon 1886).

*Tapura amazonica* var. *sublanceolata* Baill., *Fl. Bras. [Martius]* 12 (1): 375 [1 Apr. 1886] (Baillon 1886).

VERNACULAR NAMES. — Pa: á-kasiuminio.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *E.M. Melinon 170* (P[P04764399], syntype of *Tapura amazonica* var. *dasyphylla*).

INVENTORY DATA (FG). — 20 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{inv} = 27.4$  cm.

[435] *Tapura capitulifera* Baill.  
(Fig. 20D)

*Adansonia* [Baillon] 11: 112 (Baillon 1873). — *Chailletia capitulifera* Spruce ex Baill., *Adansonia* [Baillon] 11: 112 (Baillon 1873), *nom. nud. pro syn.*

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *D. Sabatier 5792*.

INVENTORY DATA (FG). — 455 trees in 76 plots;  $F_{\max} = 5.5\%$ ;  $dbh_{\text{inv}} = 95.5$  cm.

[436] *Tapura guianensis* Aubl.

*Hist. Pl. Guiane* 1: 126 [Jun.-Dec. 1775] (Aublet 1775). — *Robria tapura* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 93 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Tapura guianensis*). — *Robria petioliflora* Willd., *Sp. Pl.*, ed. 4 1 (1): 186 [June 1797] (Willdenow 1797), *nom. illeg. superfl.* (based on *Tapura guianensis*).

*Robria schreberi* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 93 [late Sep.-Nov. 1791] (Gmelin 1791).

*Chailletia sessiliflora* DC., *Nouv. Bull. Sci. Soc. Philom. Paris* 2 (40): 205 [Jan. 1811] (Candolle 1811).

*Tapura cucullata* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 292 (Bentham 1853).

*Tapura negrensis* Suess., *Repert. Spec. Nov. Regni Veg.* 51: 199 (Suessenguth 1942).

VERNACULAR NAMES. — Ka: wasakau • Wp: awalapuna sili, ka'a sili, paa lo'o, wila towakape si.

HERBARIUM DATA (FG). — 144 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777925] designated by Lanjouw & Uittien [1940: 156]).

INVENTORY DATA (FG). — 117 trees in 31 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 22.9$  cm.

[437] *Tapura singularis* Ducke

*Trop. Woods* 90: 21 (Ducke 1947).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 2530*.

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

Family DILLENIACEAE Salisb.  
Genus *Curatella* Loefl.

[438] *Curatella americana* L.

*Syst. Nat.*, ed. 10, 2: 1079 [7 June 1759] (Linnaeus 1759), “*americ.*”

*Curatella cambaiba* A.St.-Hil., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (1): 22 [23 Feb. 1824] (Saint-Hilaire 1824), “*Cambaiba*”.

*Curatella grisebachiana* Eichler, *Fl. Bras. [Martius]* 13 (1): 69 [15 Jan. 1863] (Eichler 1863).

*Curatella americana* var. *pentagyna* Donn.Sm., *Bot. Gaz.* 46 (2): 109 [22 Aug. 1908] (Donnell Smith 1908).

NOTE. — Restricted to savannas.

VERNACULAR NAMES. — Pa: sawu-anen-kamwi • Ka: kulata • Cr: féy-sab • Br: caimbé, lixeira.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *M.-F. Prévost 1636*.

SIZE. — Up to 16 m tall (Aymard C. 1998).

Family EBENACEAE Gürke  
Genus *Diospyros* L.

[439] *Diospyros capreifolia* Mart. ex Hiern

*Trans. Cambridge Philos. Soc.* 12 (1): 254 (Hiern 1873), “*capreafolia*”.

*Maba melinonii* Hiern, *Trans. Cambridge Philos. Soc.* 12 (1): 143 (Hiern 1873), “*Mellinoni*”. — *Diospyros melinonii* (Hiern) A.C.Sm., *Bull. Torrey Bot. Club* 60 (6): 390 [1 June 1933] (Smith 1933), “*Melinoni*”.

VERNACULAR NAMES. — Pa: â-seiminio-priyo, â-seiminio-priyu, miret • Nt: bita tiki • Cr: bwa-krayon • Br: altinha.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material of *Maba melinonii*: F[V0063306F, V0063307F, V0063308F]).

INVENTORY DATA (FG). — 31 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.6$  cm.

[440] *Diospyros carbonaria* Benoist

*Arch. Bot.* 5 (Mém. 1): 249 [27 Mar. 1933] (Benoist 1933).

*Diospyros duckei* Sandwith, *Kew Bull.* 4 (4): 488 [“1949” publ. 16 Feb. 1950] (Sandwith 1950).

*Diospyros capimnensis* Pires & Cavalcante, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 9: 1 (Pires & Cavalcante 1960).

VERNACULAR NAMES. — Pa: miret • Nt: bita tiki • Cr: bwa-charbon, bwa-krayon.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *R. Benoist 448* (original material P[P00721344, P00721346]).

INVENTORY DATA (FG). — 137 trees in 73 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 35.3$  cm.

[441] *Diospyros cavalcantei* Sothers

*Kew Bull.* 55 (2): 471 (Sothers 2000).

VERNACULAR NAMES. — Pa: miret • Cr: bwa-krayon.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *M.-F. Prévost et al. 4671*.

INVENTORY DATA (FG). — 13 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 76.1$  cm.

[442] *Diospyros cayennensis* A.DC.

*Prodr. [A. P. de Candolle]* 8: 224 [mid Mar. 1844] (Candolle 1844).

*Diospyros ierensis* Britton, *Bull. Torrey Bot. Club* 48 (12): 336 ["1921" publ. 1922] (Britton 1922).

VERNACULAR NAMES. — Ka: palala, simyali epi, talala.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J. Martin s.n.* (lecto-, G-DC[G00142182] designated by Wallnöfer [2001: 888]; isolecto-, P[P00721345, P00721347]).

INVENTORY DATA (FG). — 30 trees in 24 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.7$  cm.

[443] *Diospyros dichroa* Sandwith  
(Fig. 21A)

*Bull. Misc. Inform. Kew* 1931 (10): 482 [31 Dec. 1931] (Sandwith 1931).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: á-kabebetye, miret, pukuu-kamwi • Ka: yukutuna • Nt: bita tiki • Cr: bwa-krayon, bwa-zoranj.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier et al.* 4457.

INVENTORY DATA (FG). — 35 trees in 9 plots;  $F_{\max} = 3.5\%$ ;  $dbh_{\text{inv}} = 45$  cm.

[444] *Diospyros guianensis* (Aubl.) Gürke  
(Fig. 21B)

*Nat. Pflanzenfam. [Engler & Prantl]* 4 (1): 163 (Gürke 1891). — *Paralea guianensis* Aubl., *Hist. Pl. Guiane* 1: 576 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Pa: miret • Ka: palala, simyali epi, talala • Wp: miku lapi'a u • Wn: meikolo muhunu, meikolo muhupu, mekolo nohunu • Nt: baaka tiki • Cr: bwa-krayon.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material FI[FI012223]).

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 39.6$  cm.

[445] *Diospyros martinii* Benoist

*Arch. Bot.* 5 (Mém. 1): 248 [27 Mar. 1933] (Benoist 1933), "Martini".

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5705.

INVENTORY DATA (FG). — 6 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.5$  cm.

[446] *Diospyros sericea* A.DC.

*Prodr. [A. P. de Candolle]* 8: 236 [mid Mar. 1844] (Candolle 1844). — *Maba sericea* (A.DC.) Hiern, *Trans. Cambridge Philos. Soc.* 12 (1): 140 (Hiern 1873).

*Diospyros vestita* Benoist, *Arch. Bot.* 5 (Mém. 1): 248 [27 Mar. 1933] (Benoist 1933), *in clavi; non* Bakh. [May 1933] (Bakhuizen 1933).

*Diospyros praetermissa* Sandwith, *Kew Bull.* 4 (4): 483 ["1949" publ. 16 Feb. 1950] (Sandwith 1950).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *R. Benoist* 520 (original material of *Diospyros vestita*: P[P00721401]).

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.9$  cm.

[447] *Diospyros tetrandra* Hiern

*Trans. Cambridge Philos. Soc.* 12 (1): 210 (Hiern 1873), *non* Span. (1841, *nom. nud.*)

VERNACULAR NAMES. — Ka: palala, simyali epi, talala • Wp: miku lapi'a sōwī • Nt: baaka tiki.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J. Martin s.n.* (lecto-, K[K000644356] designated by Wallnöfer [2020: 231]).

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23$  cm.

[448] *Diospyros* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier et al.* 5803.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 47.7$  cm.

## Family ELAEOCARPACEAE Juss.

## NOTE

The presence of *Sloanea usurpatrix* Sprague & Riley in French Guiana seems plausible given its known trans-Amazonian distribution. According to Pennington & Wise (2017), it is attested by a single sterile collection (Nouragues Nature Reserve, 40 km SW of Regina, *Mori et al.* 26678, CAY, K). However, the leaf morphology of this specimen clearly differs from that of *S. usurpatrix*, while fitting perfectly with *S. synandra*.

Genus *Sloanea* L.[449] *Sloanea acutiflora* Uittien  
(Fig. 22A)

*Recueil Trav. Bot. Néerl.* 22: 357 ["1925" publ. Jan. 1926] (Uittien 1926).

NOTES. — Known only from the Guiana Shield. Pennington & Wise (2017: 77) placed *S. acutiflora* in synonymy under *S. latifolia* (Rich.) K.Schum., arguing that they have the same floral morphology, and that there are intermediate states throughout the range of the species (i.e. most of Amazonia) in fruit spine development and leaf shape; the typical form of *S. latifolia* has long petiole and large broad leaves with rounded bases while other “forms”, typified by *S. acutiflora* in the Guiana Shield and *S. inermis* Ducke in Southern and Western Amazonia, have smaller leaves with acute or cuneate base and short petioles. Our observations contradict these statements. In French Guiana, all specimens that correspond to the Pennington and Wise concept of *S. latifolia* can easily be separated into two very distinct groups. In the first group, which includes the original material (see Notes under *S. latifolia*), trees have both buttresses and stilt roots, petioles of very variable length on the same branchlet, the longest 3–15 cm, and large leaves drying yellowish brown, of variable size but frequently 20 cm long, with rounded to obtuse, rarely cuneate base and a densely reticulate venation. Inflorescences are large, well-developed many-flowered corymbs, flower buds are slender, the base gradually attenuated on the pedicel, and covered with a dense yellow tomentum. Fruit is up to 4.5 cm long, brown, smooth, and seeds are surrounded by a white to pink aril (Fig. 22D). Trees of the second group have buttresses but no stilt roots. Petioles are shorter (usually < 1 cm, rarely 1–1.5 cm). Leaves dry to a light green, and are much smaller (rarely up to 15 cm long), with an acute-attenuated base, never round or obtuse, and a much looser reticulum. Inflorescences are short, more or less cymose, bearing 1–3 (–5) flowers. Buds are subglobose to ovoid, the base abruptly reduced at the junction with the pedicel, the whitish, much less dense pilosity making them appear greyish rather than yellow. Fruit is red or pink, less than 2.5 cm long, sometimes covered with sparse, short conic spines, and the aril is orange (Fig. 22A). This last group corresponds with the type of *S. acutiflora*. Pennington & Wise (2017: 77) designated the lectotype of *S. acutiflora* as “[...] BW 6298 (lectotype, U, chosen here; isolectotypes, K, L)”. At U there are three sheets of *C.J. Zaandam-Boschwezen Suriname 6298*; these sheets (barcodes U0001682, U0001683, U0001684) are all kept together, and according to Art. 8.3 of the ICN (Turland *et al.* 2018), they are here treated as a single specimen with multiple preparations. Isolectotypes are at K(not seen), L(L0013589), RB(RB00538334) and US (00098537).

Although the distributions of these two groups overlap throughout much of French Guiana (west, center and south), no intermediate states have yet been found between the character syndromes defining these two groups. It is also interesting to note that, except in the extreme south of the territory (Tumuc-Humac Mounts), the “typical” *S. latifolia* form has never been found within 50 km of the border with Suriname. In view of the above, the reinstatement of *S. acutiflora* appears necessary.

VERNACULAR NAMES. — Pa: waaduk-seine.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *D. Sabatier 1234*.

INVENTORY DATA (FG). — 39 trees in 31 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 65$  cm.

[450] *Sloanea brachytepala* Ducke

*Trop. Woods* 76: 22 (Ducke 1943).

*Sloanea calva* Pal.-Duque & Fern.Alonso, *Revista Acad. Colomb. Ci. Exact.* 29 (111): 180 [June 2005] (Palacios-Duque & Fernández Alonso 2005).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3568*.

INVENTORY DATA (FG). — 16 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.4$  cm.

[451] *Sloanea brevipes* Benth.

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 68 [May 1861] (Bentham 1861).

VERNACULAR NAMES. — Pa: ihap-kamwi-duwë • Ka: kusewelan • Wn: inuuman • Nt: busi kusuwe • Cr: chatengn, roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier 844*.

INVENTORY DATA (FG). — 104 trees in 55 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[452] *Sloanea conferta* T.D.Penn.

*Opusc. Neotrop.* 2: 6 [13 July 2016] (Pennington 2016).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier 4897* (holo-, K, not seen; iso-, CAY[CAY065610], US[00943331]).

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[453] *Sloanea echinocarpa* Uittien

*Recueil Trav. Bot. Néerl.* 22: 354 [“1925” publ. Jan. 1926] (Uittien 1926).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2268*.

SIZE. — Up to 65 cm dbh (Pennington & Wise 2017).

[454] *Sloanea eichleri* K.Schum.

*Fl. Bras. [Martius]* 12 (3): 183 [1 Nov. 1886] (Schumann 1886).

*Sloanea sinemariensis* var. *melinonii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 11: 156 (Sagot 1881), “*Melinonis*”.

NOTE. — The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

VERNACULAR NAMES. — Pa: ihap-kamwi, ihap-kamwi-seine • Wp: uluku panali sili, ulukupalani sili • Cr: roukou-gran-bwa, roukou-sovaj • Br: urucurana.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2693*.

INVENTORY DATA (FG). — 36 trees in 28 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 32$  cm.

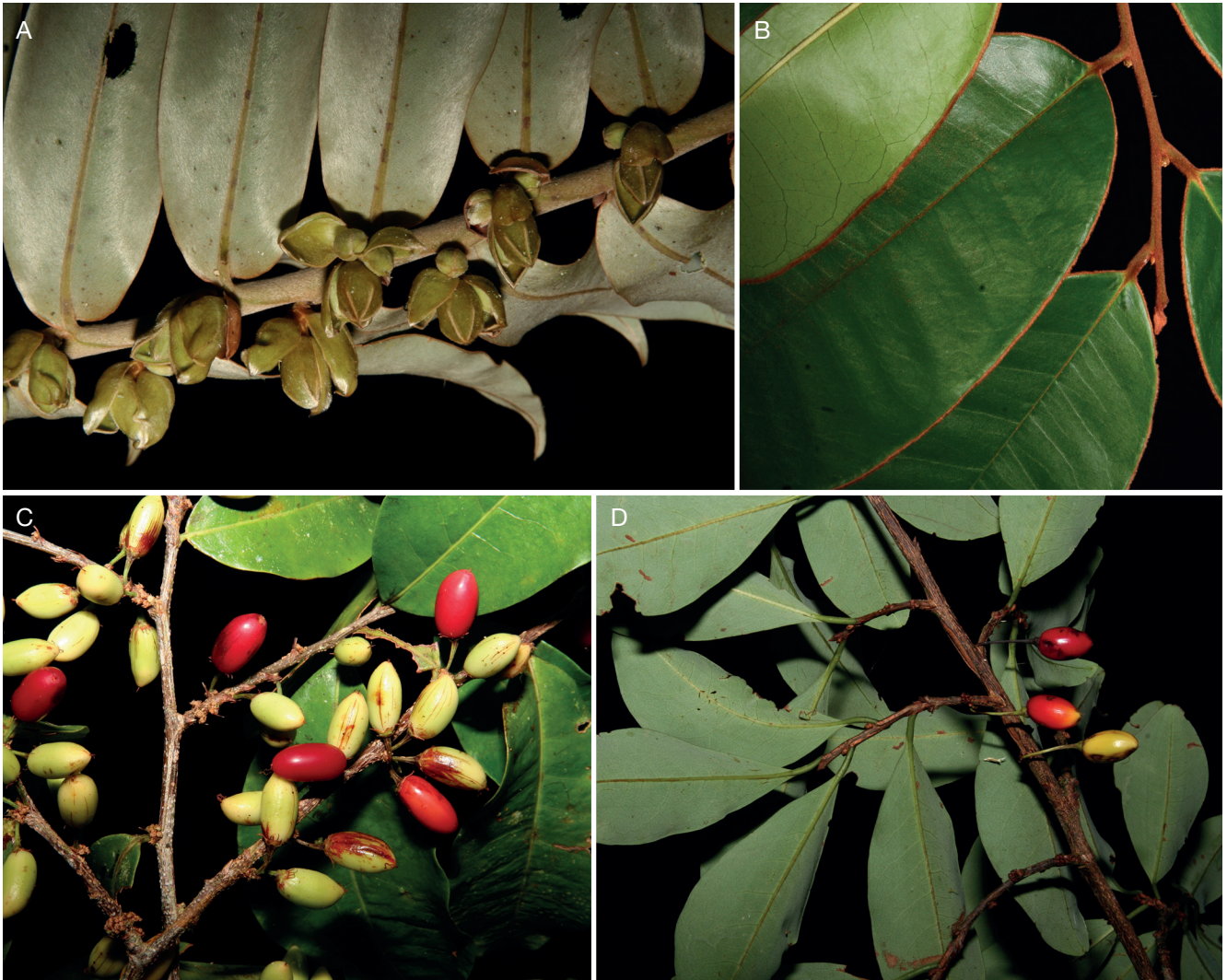


FIG. 21. — Ebenaceae: **A**, *Diostryos dichroa* Sandwith (D. Sabatier & M.-F. Prévost 5246); **B**, *Diostryos guianensis* (Aubl.) Gürke. Erythroxyllaceae: **C**, *Erythroxyllum fimbriatum* Peyr. (D. Sabatier & J.-F. Molino 5229); **D**, *Erythroxyllum suberosum* A.St.-Hil. et al. (D. Sabatier & J.-F. Molino 5198). © D. Sabatier/IRD.

[455] *Sloanea erythrocarpa* T.D.Penn.  
(Fig. 22B)

*Opusc. Neotrop.* 2: 10 [13 July 2016] (Pennington 2016).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: D. Sabatier 3540.

INVENTORY DATA (FG). — 21 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 45$  cm.

*Sloanea longipes* Ducke, *Arch. Inst. Biol. Veg.* 2 (2): 166 [Dec. 1935] (Ducke 1935).

*Sloanea maroana* Steyerl., *Pittieria* 7: 14 (Steyerl 1978).

*Sloanea sipapoana* Steyerl., *Ann. Missouri Bot. Gard.* 75 (4): 1580 ["1988" publ. 8 Mar. 1989] (Steyerl 1989).

HERBARIUM DATA (FG). — No collections at CAY. Sel. exs.: S.A. Mori 26549 (K, *fide* Pennington & Wise [2017], not seen).

SIZE. — Up to 120 cm dbh (Pennington & Wise 2017).

[456] *Sloanea floribunda* Spruce ex Benth.

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 66 [May 1861] (Benth 1861).

*Sloanea paniculata* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 66 [May 1861] (Benth 1861).

[457] *Sloanea garckeana* K.Schum.

*Fl. Bras. [Martius]* 12 (3): 177 [1 Nov. 1886] (Schumann 1886).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: M.-F. Prévost 1893.

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 73.5$  cm.

[458] *Sloanea grandiflora* Sm.

*Cycl. [Rees]* 33: (Sloanea no. 2) [17 May 1816] (Smith 1816).

*Sloanea amplifrons* I.M.Johnst., *Contr. Gray Herb.*, n.s., 75: 29 (Johnston 1925).

*Sloanea linderi* I.M.Johnst. ex Kribs, *Trop. Woods* 13: 16 (Kribs 1928), *nom. nud.*

VERNACULAR NAMES. — Pa: ihap-kamwi • Ka: kusewelan, polo ali • Te: tokolo-pipinatsi • Wp: tawisowiso, uluku panali, ulukupalani • Wn: inuuman • Nt: busi kusuwe • Cr: chatengn, roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4341.

INVENTORY DATA (FG). — 28 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 73$  cm.

[459] *Sloanea granulosa* Ducke

*Bol. Tècn. Inst. Agron. N.* 19: 13 (Ducke 1950).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4126.

INVENTORY DATA (FG). — 13 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[460] *Sloanea guianensis* (Aubl.) Benth. subsp. *guianensis*

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 69 [May 1861] (Bentham 1861). — *Ablania guianensis* Aubl., *Hist. Pl. Guiane* 1: 585 [Jun.-Dec. 1775] (Aublet 1775). — *Trichocarpus guianensis* (Aubl.) Raeusch., *Nomencl. Bot. [Raeusch.]*, ed. 3, 158 (Raeuschel 1797), *nom. illeg. superfl.* (genus name superfluous, based on the type of *Ablania* Aubl.). — *Trichocarpus laurifolius* Willd., *Sp. Pl.*, ed. 4 2 (2): 1224 [Dec. 1799] (Willdenow 1799), “*laurifolia*”, *nom. illeg. superfl.* (genus name superfluous, based on the type of *Ablania* Aubl.).

*Ablania laurifolia* Pers., *Syn. Pl. [Persoon]* 2 (1): 81 [Nov. 1806] (Persoon 1806).

*Dasyneuma pubescens* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 408 [Jan.-June 1827] (Schott 1827). — *Sloanea pubescens* (Schott) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 329 (Radlkofer 1882), *nom. illeg. hom., non* Benth. (Bentham 1861).

*Sloanea alnifolia* Mart., *Flora* 20 (2, Beibl.): 94 (Martius 1837). — *Dasyneuma alnifolium* (Mart.) Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 352 [18-20 Sep. 1842] (Walpers 1842). — *Dasyneuma cuneifolium* (Mart.) Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 352 [18-20 Sep. 1842] (Walpers 1842).

*Sloanea cuneifolia* Mart., *Flora* 20 (2, Beibl.): 94 (Martius 1837).

*Dasyneuma pubescens* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 224 (Turczaninow 1858), *nom. illeg. hom., non* Schott (1827) *nec* Poeppig (Poeppig 1845).

*Sloanea microcarpa* Planch. ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 69 [May 1861] (Bentham 1861). — *Sloanea guianensis* var. *microcarpa* (Planch. ex Benth.) K.Schum., *Fl. Bras. [Martius]* 12 (3): 191 [1 Nov. 1886] (Schumann 1886).

*Sloanea regelii* K.Schum., *Fl. Bras. [Martius]* 12 (3): 189 [1 Nov. 1886] (Schumann 1886).

*Sloanea alnifolia* var. *lancea* K.Schum., *Fl. Bras. [Martius]* 12 (3): 194 [1 Nov. 1886] (Schumann 1886).

*Sloanea alnifolia* var. *ovalis* K.Schum., *Fl. Bras. [Martius]* 12 (3): 194 [1 Nov. 1886] (Schumann 1886).

*Sloanea ptariana* Steyerem., *Fieldiana, Bot.* 28 (2): 360 (Steyermark 1952).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ihap-kamwi • Ka: kusewelan • Wp: uluku panali sili, ulukupalani sili • Wn: inuuman • Nt: busi kusuwe • Cr: chatengn, roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier* 1237.

INVENTORY DATA (FG). — 42 trees in 28 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[461] *Sloanea guianensis* subsp. *purdiei* (Griseb. ex R.O. Williams & Cheesman) T.D. Penn.

*Opusc. Neotrop.* 2: 13 [13 July 2016] (Pennington 2016), “*purdiei*”. — *Sloanea purdiei* Griseb. ex Benth. & Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 2 (2): 653 [May 1876] (Bentham & Hooker 1876), “*Purdiaei*”, in obs., *nom. nud.* — *Sloanea purdiei* Griseb. ex R.O. Williams & Cheesman, *Fl. Trinidad & Tobago* 1 (2): 109 [Nov. 1929] (Williams & Cheesman 1929), “*purdiei*”.

*Sloanea breviseta* Steyerem., *Fieldiana, Bot.* 28 (2): 357 (Steyermark 1952).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville B-5392*.

SIZE. — Up to 25 m tall (Pennington & Wise 2017).

[462] *Sloanea guianensis* subsp. *stipitata* (Spruce ex Benth.) T.D. Penn.

*Opusc. Neotrop.* 2: 6 [13 July 2016] (Pennington 2016). — *Sloanea stipitata* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 68 [May 1861] (Bentham 1861).

*Sloanea maximowicziana* K.Schum., *Fl. Bras. [Martius]* 12 (3): 192 [1 Nov. 1886] (Schumann 1886).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori & Y. Veyret* 8972.

SIZE. — Up to 80 cm dbh (Pennington & Wise 2017).

[463] *Sloanea latifolia* (Rich.) K.Schum. (Fig. 22D)

*Fl. Bras. [Martius]* 12 (3): 173 [1 Nov. 1886] (Schumann 1886). — *Blondea latifolia* Rich., *Actes Soc. Hist. Nat. Paris* 1: 110 [Oct. 1792] (Richard 1792).

*Sloanea corymbiflora* DC., *Prodr. [A. P. de Candolle]* 1: 516 [mid Jan. 1824] (Candolle 1824).

*Sloanea inermis* Ducke, *Arch. Inst. Biol. Veg.* 4 (1): 48 [June 1938] (Ducke 1938).

*Sloanea gentryi* Pal.-Duque & C.M.Baeza, *Novon* 23 (1): 70 [8 Apr. 2014] (Palacios-Duque & Baeza 2014).

NOTE. — Richard (1792: 110) along with the description of *Blondea latifolia* did not cite any specimen. Pennington (2016: 15) and Pennington and Wise (2017: 76) cited the type of this name as “French Guiana (Cayenne), fl., *LeBlond 219* (holotype, P; isotype, G)”. These citations cannot be treated as an inadvertent lectotypification because, being published after 2001, they should have been accompanied by “here designated” or a similar expression. In addition, there are three specimens of *Blondea latifolia* at P that were collected by Leblond, with the locality “*ad amnem Kourou*” (Kourou River), each with a different label, no collector number, and with barcodes P02440486, P02440487, and P02440488. Another specimen of *Blondea latifolia* collected by Leblond, with the collector number 209 (not “219”) is at G (G00104361). Therefore, a lectotype is hereafter designated.

VERNACULAR NAMES. — Pa: ihap-kamwi-purubumna, kunau, sitrukamwi • Ka: tokuhsa • Wp: tapi'ilo wapa'a, wila kalayulu, wila kayulu • Nt: busi kusuwe • Cr: chatengn, roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Leblond 209* (lecto-, P[P02440487], here designated; isolecto-, G[G00104361], P[P02440486, P02440488]).

INVENTORY DATA (FG). — 25 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54$  cm.

[464] *Sloanea morii* T.D.Penn.

*Opusc. Neotrop.* 2: 17 [13 July 2016] (Pennington 2016).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2263*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.1$  cm.

[465] *Sloanea nitida* G.Don

*Gen. Hist.* 1: 555 [early Aug. 1831] (Don 1831).

*Sloanea bracteosa* Ducke, *Arch. Inst. Biol. Veg.* 2 (2): 168 [Dec. 1935] (Ducke 1935).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, BM[BM000907458, BM000907459]; iso-, K[K000380070]).

SIZE. — Up to 60 cm  $dbh$  (Pennington & Wise 2017).

[466] *Sloanea obtusifolia* (Moric.) K.Schum.

*Fl. Bras. [Martius]* 12 (3): 181 [1 Nov. 1886] (Schumann 1886). — *Adenobasium obtusifolium* Moric., *Pl. Nouv. Amér.*: 83 (Moricand 1840). — *Dasyntema obtusifolium* (Moric.) Walp., *Ann. Bot. Syst.*

*[Walpers]* 1 (1): 110 [6-7 Nov. 1848] (Walpers 1848), “*obtusum*”. — *Sloanea obtusifolia* (Moric.) Planch. ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 63, 68 [May 1861] (Bentham 1861), “*obtus*”.

*Sloanea fernando-costae* Hoehne, *Arg. Bot. Estado São Paulo* 1 (4): 93 (Hoehne 1942).

NOTES. — *Dasyntema* “*obtusum*” (Walpers 1848: 110) is treated here as a misspelling of *obtusifolium*, since Walpers unambiguously referenced *Adenobasium obtusifolium* Moric.; therefore it is not an illegitimate homonym of *D. obtusum* Splitg. Similarly, as Bentham (1861: 63) explicitly based his *Sloanea* “*obtus*” on *A. obtusifolium*, the epithet is also to be corrected.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4662*.

INVENTORY DATA (FG). — 11 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

[467] *Sloanea parviflora* Planch. ex Benth.

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 63, 68 [May 1861] (Bentham 1861).

*Dasyntema obtusum* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 98 [Aug.-Sep. 1842] (Splitgerber 1842). — *Sloanea obtusa* (Splitg.) K.Schum., *Fl. Bras. [Martius]* 12 (3): 181 [1 Nov. 1886] (Schumann 1886), *nom. illeg. hom., non* Planch. ex Benth. (1861) [synonym of *S. obtusifolia* (Moric.) K.Schum.]

*Sloanea parviflora* var. *pedicellata* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 11: 157 (Sagot 1881).

*Sloanea kappleriana* Pulle, *Enum. Vasc. Pl. Surinam* 279 (Pulle 1906).

*Sloanea obidensis* Ducke, *Arch. Inst. Biol. Veg.* 2 (2): 160 [Dec. 1935] (Ducke 1935).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4429*.

INVENTORY DATA (FG). — 9 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.4$  cm.

[468] *Sloanea pubescens* Benth.

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 69 [May 1861] (Bentham 1861). — *Dasyntema pubescens* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 74 [23-25 Jan. 1845] (Poeppig 1845), *nom. illeg. hom., non* Schott (1827) *nec* Turcz. (Turczaninow 1858). — *Sloanea egensis* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 329 (Radlkofer 1882).

*Sloanea gracilis* Uittien, *Recueil Trav. Bot. Néerl.* 22: 356 [“1925” publ. Jan. 1926] (Uittien 1926).

*Sloanea pseudodontata* Ducke, *Arch. Inst. Biol. Veg.* 2 (2): 159 [Dec. 1935] (Ducke 1935).

NOTES. — Although based on *Dasyntema pubescens* Poepp., *S. pubescens* Benth. is to be treated as a new name because the former is illegitimate.

VERNACULAR NAMES. — Pa: ihap-kamwi-wašiune • Wp: uluku panali, ulukupalani • Cr: roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.



HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *S. Barrier 5018*.

INVENTORY DATA (FG). — 12 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40$  cm.

[469] *Sloanea rojasiae* Vásquez

*Arnaldoa* 16 (2): 57 [“2009” publ. Feb. 2010] (Vásquez 2010).

HERBARIUM DATA (FG). — A single collection, *D. Loubry 833*.

SIZE. — Up to 25 cm dbh (Pennington & Wise 2017).

[470] *Sloanea rufa* Planch. ex Benth.

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 68 [May 1861] (Bentham 1861).

*Sloanea longicaudata* Ducke, *Bol. Técn. Inst. Agron. N.* 19: 14 (Ducke 1950).

*Sloanea filiformis* D.Samp. & V.C.Souza, *Phytotaxa* 16: 45 [4 Feb. 2011] (Sampaio & Souza 2011).

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, K[K000380085, K000380086, K000380087]).

INVENTORY DATA (FG). — 19 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.3$  cm.

[471] *Sloanea sinemariensis* Aubl.

*Hist. Pl. Guiane* 1: 534 [Jun.-Dec. 1775] (Aublet 1775). — *Sloanea aubletii* Sw., *Fl. Ind. Occid.* 2: 940 [late 1800] (Swartz 1800), *nom. illeg. superfl.* (based on *Sloanea sinemariensis*).

VERNACULAR NAMES. — Pa: ihap-kamwi-priye • Cr: roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4421*.

INVENTORY DATA (FG). — 13 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63$  cm.

[472] *Sloanea synandra* Spruce ex Benth.  
(Fig. 22C)

*J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 66 [May 1861] (Bentham 1861).

*Sloanea macrantha* Ducke, *Arch. Inst. Biol. Veg.* 2 (2): 162 [Dec. 1935] (Ducke 1935).

*Sloanea megacarpa* Steyermark. & Marc.-Berti, *Bol. Soc. Venez. Ci. Nat.* 26: 467 (Steyermark & Marcano-Berti 1966).

VERNACULAR NAMES. — Wp: wila kalayulu, wilakayulu • Cr: roukou-gran-bwa, roukou-sovaj • Fr: roucou grand bois • Br: urucurana.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4848*.

INVENTORY DATA (FG). — 22 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[473] *Sloanea trichosticha* R.O. Williams & Sandwith

*Fl. Trinidad & Tobago* 1 (2): 110 [Nov. 1929] (Williams & Sandwith 1929).

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.-F. Molino & M.-F. Prévost 2531*.

INVENTORY DATA (FG). — 31 trees in 23 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 62.9$  cm.

[474] *Sloanea wurdackii* Steyermark.

*Ann. Missouri Bot. Gard.* 75 (4): 1583 [“1988” publ. 8 Mar. 1989] (Steyermark 1989).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *B. Riéra 1257*.

SIZE. — Up to 45 cm dbh (Pennington & Wise 2017).

[475] *Sloanea* sp. A

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4792*.

INVENTORY DATA (FG). — 17 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[476] *Sloanea* sp. B

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15498*.

INVENTORY DATA (FG). — 28 trees in 24 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[477] *Sloanea* sp. C

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost et al. 5014*.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[478] *Sloanea* sp. D

NOTE. — This is possibly *S. caribaea* Krug & Urb. ex Duss.

HERBARIUM DATA (FG). — A single collection, *H. Richard & Bagadi 674*,  $dbh = 35$  cm.

[479] *Sloanea* sp. E

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al. 5806*,  $dbh = 35$  cm.

[480] *Sloanea* sp. F

NOTES. — According to Pennington & Wise (2017), this fruiting collection could belong to *S. ferruginea* T.D.Penn., a species whose fruit is not known. However, the leaves of this collection are quite different from those of *S. ferruginea*. This specimen does not fit in any other French Guianan species.

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 25669, 35 m × 75 cm.

[481] *Sloanea* sp. G

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2990.

INVENTORY DATA (FG). — 51 trees in 36 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[482] *Sloanea* sp. H

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2947.

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

## Family ERYTHROXYLACEAE Kunth

Genus *Erythroxylum* P.Browne[483] *Erythroxylum amazonicum* Peyr.

*Fl. Bras. [Martius]* 12 (1): 167 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum mucronatum* var. *majus* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 11: 179 (Sagot 1881), “major”.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P.A. Sagot s.n.*, 1858 (P[P05483039]).

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.7$  cm.

[484] *Erythroxylum citrifolium* A.St.-Hil.

*Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 94 [10 Oct. 1829] (Saint-Hilaire 1829).

*Erythroxylum gomphioides* Planch. & Linden ex Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 4, 18: 341 (Triana & Planchon 1862).

*Erythroxylum micranthum* Bong. ex Peyr., *Fl. Bras. [Martius]* 12 (1): 164 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum paraense* Peyr., *Fl. Bras. [Martius]* 12 (1): 164 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum acutifolium* Steud. ex Peyr., *Fl. Bras. [Martius]* 12 (1): 166 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum citrifolium* var. *latifolium* O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 37 [13 Aug. 1907] (Schulz 1907).

*Erythroxylum citrifolium* var. *minus* O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 37 [13 Aug. 1907] (Schulz 1907).

*Erythroxylum duckei* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 416 (Huber 1909).

VERNACULAR NAMES. — Pa: agagut, ararut • Wp: pikau ki'iy, pikau lemiü'i, tukā nākū sili • Br: pimenta-de-nambú.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *S.A. Mori et al.* 15394.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13$  cm.

[485] *Erythroxylum fimbriatum* Peyr.  
(Fig. 21C)

*Fl. Bras. [Martius]* 12 (1): 162 [1 Dec. 1878] (Peyritsch 1878).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2424*, 12 m × 25 cm.

[486] *Erythroxylum kapplerianum* Peyr.

*Fl. Bras. [Martius]* 12 (1): 159 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum mapuerae* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 421 (Huber 1909).

NOTE. — *E. grisebachii* Peyr and *E. coelophlebium* Mart. var. *grisebachii* (Peyr.) O.E.Schulz are possible synonyms of this taxon (Plowman & Hensold 2004).

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-663*.

SIZE. — Up to 10 m tall (Plowman & Berry 1999).

[487] *Erythroxylum leptoneurum* O.E.Schulz

*Pflanzenr. [Engler]* IV.134 (Heft 29): 101 [13 Aug. 1907] (Schulz 1907).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 6480, 6 m × 10 cm.

[488] *Erythroxylum ligustrinum* DC.

*Prodr. [A. P. de Candolle]* 1: 574 [mid Jan. 1824] (Candolle 1824).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (holo-, G-DC[G00211017]; iso-, F[V0055692F], G[G00353856], P[P00723895]).

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.1$  cm.

[489] *Erythroxylum lineolatum* DC.

*Prodr. [A. P. de Candolle]* 1: 575 [mid Jan. 1824] (Candolle 1824).



FIG. 22. — Elaeocarpaceae: **A**, *Sloanea acutiflora* Uittien (D. Sabatier 1234); **B**, *Sloanea erythrocarpa* T.D.Penn. (D. Sabatier 3540); **C**, *Sloanea synandra* Spruce ex Benth. (D. Sabatier & M.-F. Prévost 4964); **D**, *Sloanea latifolia* (Rich.) K.Schum. (D. Sabatier 2088). © D. Sabatier/IRD.

HERBARIUM DATA (FG). — A single collection, *J.-B. Patris s.n.* (holo-, G-DC[G00211384]; iso-, G[G00353858]; probable iso-, P[P00723900]).

INVENTORY DATA (FG). — 1 tree, dbh = 11.1 cm.

[490] *Erythroxylum macrophyllum* Cav.

*Diss.* 10: 401 (Cavanilles 1789).

*Erythroxylum lucidum* Kunth, *Nova genera et species plantarum* [H.B.K.] 5: 179 [25 Feb. 1822] (Kunth 1822).

*Erythroxylum floribundum* Mart., *Beitr. Erythroxylon*: 118 (Martius 1840).

*Erythroxylum laurinum* Planch. & Linden ex Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 4, 18: 341 (Triana & Planchon 1862), *nom. illeg. hom., non* A.Massal. (Massalongo & Scarabelli 1859).

*Erythroxylum costaricense* Donn.Sm., *Bot. Gaz.* 23 (4): 240 [22 Apr. 1897] (Donnell Smith 1897). — *Erythroxylum lucidum* var. *costaricense* (Donn.Sm.) O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 25 [13 Aug. 1907] (Schulz 1907).

*Erythroxylum ellipticum* Ramírez, *Anales Inst. Méd.-Nac. México* 3: 37 (Ramírez 1897), “*Erythroxylon*”, *nom. illeg. hom., non* R.Br. ex Benth. (Bentham 1863) *nec* Peyr. (Peyritsch 1878).

*Erythroxylum tabascense* Britton, *N. Amer. Fl.* 25 (1): 66 (Britton 1907).

*Erythroxylum filipes* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 415 (Huber 1909).

VERNACULAR NAMES. — Pa: yauknabwi-kiabumna • Ka: akale tapulala kili • Wp: tukā nākū, tukā nākū sili • Wn: okajpu epeñ • Br: pimenta-de-nambú.

HERBARIUM DATA (FG). — 74 collections at CAY. Sel. exs.: *D. Stoupy s.n.* (original material MA[MA475675?]); *M.-F. Prévost & D. Sabatier* 2839, dbh = 10 cm.

[491] *Erythroxylum mucronatum* Benth.

*London J. Bot.* 2: 372 (Bentham 1843).

*Erythroxylum comosum* O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 32 [13 Aug. 1907] (Schulz 1907).

*Erythroxylum kirkianum* O.E.Schulz, *Repert. Spec. Nov. Regni Veg.* 30: 179 (Schulz 1932).

*Erythroxylum venezuelense* Steyerl., *Fieldiana, Bot.* 28 (2): 271 (Steyerl. 1952).

*Erythroxylum albertianum* Kuhlm. & W.A.Rodrigues, *Publ. Inst. Nac. Pesq. Amaz., Bot.* 5: 3 (Kuhlmann & Rodrigues 1957).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2230*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15$  cm.

[492] *Erythroxylum roraimae* Klotzsch ex O.E.Schulz

*Pflanzenr. [Engler]* IV.134 (Heft 29): 104 [13 Aug. 1907] (Schulz 1907).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman 2238*.

SIZE. — Up to 10 m tall (Plowman & Berry 1999).

[493] *Erythroxylum squamatum* Sw.

*Prodr. [Swartz]:* 75 [20 Jun.-29 July 1788] (Swartz 1788).

*Erythroxylum aristigerum* Peyr., *Fl. Bras. [Martius]* 12 (1): 157 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum bahiense* Peyr., *Fl. Bras. [Martius]* 12 (1): 160 [1 Dec. 1878] (Peyritsch 1878). — *Erythroxylum aristigerum* var. *bahiense* (Peyr.) O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 103 [13 Aug. 1907] (Schulz 1907).

*Erythroxylum squamatum* var. *microcarpum* O.E.Schulz, *Symb. Antill. [Urban]* 5 (2): 192 [20 May 1907] (Schulz 1907).

*Erythroxylum trinerve* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 417 (Huber 1909).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P.A. Sagot 1229*, Mar. 1859 (holotype of *Erythroxylum squamatum* var. *microcarpum*: B? [not seen]; iso-, K[K000407437], P[P00723997], P00723998, P00723999], U[U0099038]).

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.1$  cm.

[494] *Erythroxylum suberosum* A.St.-Hil.  
(Fig. 21D)

A.Juss. & Cambess., *Pl. Usuel. Bras.* 14: t. 69, fig. A (Saint-Hilaire *et al.* 1828).

*Erythroxylum areolatum* Vell., *Fl. Flumin.* 194 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), “*Erythroxylon*”, *nom. illeg. hom., non L.* (Linnaeus 1759).

*Erythroxylum testaceum* Peyr., *Fl. Bras. [Martius]* 12 (1): 170 [1 Dec. 1878] (Peyritsch 1878).

*Erythroxylum suberosum* f. *brevipetiolatum* O.E.Schulz, *Pflanzenr. [Engler]* IV.134 (Heft 29): 27 [13 Aug. 1907] (Schulz 1907).

VERNACULAR NAMES. — Br: cabelo-de-negro, galinha-choca.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5198*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 65.4$  cm.

## Family EUPHORBIACEAE Juss.

Genus *Adenophaedra* (Müll.Arg.) Müll.Arg.[495] *Adenophaedra grandifolia* (Klotzsch) Müll.Arg.

*Fl. Bras. [Martius]* 11 (2): 385 [1 May 1874] (Müller 1874).

*Tragia grandifolia* Klotzsch, *London J. Bot.* 2: 46 (Klotzsch 1843). — *Bernardia grandifolia* (Klotzsch) Müll.Arg., *Linnaea* 34: 173 (Müller 1865).

*Cleidion denticulatum* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 218 [24 Oct. 1929] (Standley 1929). — *Bernardia denticulata* (Standl.) G.L.Webster, *Ann. Missouri Bot. Gard.* 54 (2): 200 [27 Oct. 1967] (Webster 1967).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 10656*.

SIZE. — Guyana. *H.D. Clarke et al. 9046* (MO), 12 m.

Genus *Alchornea* Sw.[496] *Alchornea discolor* Poepp.

*Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 19 [15-21 Aug. 1841] (Poeppig 1841).

*Alchornea schomburgkii* Klotzsch, *London J. Bot.* 2: 46 (Klotzsch 1843).

*Alchornea gardneri* Müll.Arg., *Flora* 47: 435 (Müller 1864).

*Alchornea glaziovii* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 238 [10 Nov. 1914] (Pax & Hoffmann 1914), in nota.

*Alchornea brachygyne* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XIV (Heft 68): 20 [6 June 1919] (Pax & Hoffmann 1919).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wakavu-kamwi, waravru-kamwi • Wp: pesupi • Wn: kunui, uluimë • Nt: afatu adeeten • Br: amor-seco, sardineiro, supiarana, tapiá, tartaruginha.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4830*.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.4$  cm.

[497] *Alchornea triplinervia* (Spreng.) Müll.Arg.

*Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866). — *Antidesma triplinerviium* Spreng., *Neue Entdeck. Pflanzenk.* 2: 116 (Sprengel 1821). — *Alchornea triplinervia* var. *genuina* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866), *nom. inval.* (Turland et al. 2018: Art. 24.3).

*Alchornea nemoralis* Mart., *Flora* 24 (2, Beibl.): 31 (Martius 1841). — *Alchornea triplinervia* var. *nemoralis* (Mart.) Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 228 [10 Nov. 1914] (Pax & Hoffmann 1914).

*Alchornea janeirensis* Casar., *Atti Riunione Sci. Ital.* 3: 515 [“1841” publ. June 1842] (Casaretto 1842). — *Alchornea nemoralis* var. *janeirensis* (Casar.) Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865). — *Alchornea triplinervia* var. *janeirensis* (Casar.) Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866).

*Alchornea parvifolia* Miq., *Linnaea* 22: 797 [“1849” publ. May 1850] (Miquel 1850). — *Alchornea triplinervia* var. *parvifolia* (Miq.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 910 [late Aug. 1866] (Müller 1866).

*Alchornea glandulosa* Poepp. var. *parvifolia* Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 330 (Bentham 1854). — *Alchornea triplinervia* var. *laevigata* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 910 [late Aug. 1866] (Müller 1866), *nom. illeg. superfl.* (*A. glandulosa* var. *parvifolia* in synonymy).

*Alchornea intermedia* Klotzsch ex Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 331 (Bentham 1854), *nom. nud.*

*Alchornea parvifolia* Klotzsch ex Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 331 (Bentham 1854), *nom. nud.*

*Alchornea psilorhachis* Klotzsch ex Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 331 (Bentham 1854), *nom. nud.*

*Alchornea rotundifolia* Moric. ex Baill., *Étude Euphorb.*: 447 (Baillon 1858), *nom. inval.* (not accepted by the author).

*Alchornea nemoralis* var. *lanceolata* Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865). — *Alchornea triplinervia* var. *lanceolata* (Baill.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 910 [late Aug. 1866] (Müller 1866).

*Alchornea nemoralis* var. *parvifolia* Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865), *nom. nud.*

*Alchornea nemoralis* var. *psilorhachis* Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865), *nom. nud.*

*Alchornea nemoralis* var. *rotundifolia* Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865), *nom. nud.*

*Alchornea triplinervia* f. *intermedia* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866). — *Alchornea nemoralis* var. *intermedia* Baill. ex Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866), *nom. nud. pro syn.*

*Alchornea triplinervia* f. *psilorhachis* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866).

*Alchornea triplinervia* var. *crassifolia* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 909 [late Aug. 1866] (Müller 1866).

*Alchornea triplinervia* var. *tomentella* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 380 [1 May 1874] (Müller 1874).

*Alchornea triplinervia* var. *iricuranooides* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 5: 603 (Chodat & Hassler 1905).

*Alchornea acroneura* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 229 [10 Nov. 1914] (Pax & Hoffmann 1914).

*Alchornea brevistyla* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 227 [10 Nov. 1914] (Pax & Hoffmann 1914).

*Alchornea obovata* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 223 [10 Nov. 1914] (Pax & Hoffmann 1914).

*Alchornea triplinervia* var. *boliviana* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.VII (Heft 63): 227 [10 Nov. 1914] (Pax & Hoffmann 1914).

*Alchornea triplinervia* var. *trinitatis* L.Riley, *Bull. Misc. Inform. Kew* 1925 (3): 141 [17 Apr. 1925] (Riley 1925).

VERNACULAR NAMES. — Pa: wakavu-kamwi, waravru-kamwi • Ka: alepa weli, kiyelapolan • Wp: yāsī le’ā’y • Wn: pakutpē • Br: tapiá, tinteiro.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: D. Sabatier 2346.

INVENTORY DATA (FG). — 35 trees in 11 plots; F<sub>max</sub> = 3.4 %; dbh<sub>inv</sub> = 66.8 cm.

Genus *Alchorneopsis* Müll.Arg.

[498] *Alchorneopsis floribunda* (Benth.) Müll.Arg.

*Linnaea* 34: 156 (Müller 1865). — *Alchornea glandulosa* var. *floribunda* Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 331 (Bentham 1854). — *Alchornea nemoralis* var. *floribunda* (Benth.) Baill., *Adansonia [Baillon]* 5: 239 (Baillon 1865).

*Alchorneopsis trimera* Lanj., *Euphorb. Surinam* 23 (Lanjouw 1931).

VERNACULAR NAMES. — Pa: wakavu-kamwi, waravru-kamwi • Ka: atapilipyo, wala ekone • Wp: mulei • Wn: pakutpē • Br: canelarana.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: M.-F. Prévost 3456.

INVENTORY DATA (FG). — 24 trees in 19 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 45 cm.

Genus *Aparisthmium* Endl.

[499] *Aparisthmium cordatum* (A.Juss.) Baill.

*Adansonia [Baillon]* 5: 307 (Baillon 1865). — *Conceveibum cordatum* A.Juss., *Euphorb. Gen.*: 43 [21 Feb. 1824] (Jussieu 1824), “*Conceveibum*”. — *Alchornea cordata* (A.Juss.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 901 [late Aug. 1866] (Müller 1866), *nom. illeg. hom., non Benth.* (Bentham 1849).

*Alchornea macrophylla* Mart., *Flora* 24 (2, Beibl.): 31 (Martius 1841). — *Aparisthmium macrophyllum* (Mart.) Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 333 (Bentham 1854). — *Conceveiba macrophylla* Klotzsch ex Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 333 (Bentham 1854), *nom. nud. pro syn.*

*Alchornea latifolia* Klotzsch, *London J. Bot.* 2: 46 (Klotzsch 1843), *nom. illeg. hom., non Sw.* (Swartz 1788).

*Styloceras macrostachyum* Poepp. ex Baill., *Monog. Bux.*: 81 (Baillon 1859).

*Aparisthium spruceanum* Baill., *Adansonia [Baillon]* 5: 307 (Baillon 1865).

*Alchornea orinocensis* Croizat, *J. Arnold Arbor.* 26 (2): 191 [16 Apr. 1945] (Croizat 1945).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ahakyu-kamwi, ihap-kamwi, waik-wavia-kamwi, wakavu-kamwi, waravru-kamwi • Ka: saulanani • Te: a'i mididju • Wp: a'i meyu • Nt: busi kusuwe • Br: mameleiro, morocototó, urucurana.

HERBARIUM DATA (FG). — 70 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material P[P05574226]).

INVENTORY DATA (FG). — 58 trees in 22 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 17.5$  cm.

### Genus *Caryodendron* H.Karst.

[500] *Caryodendron amazonicum* Ducke

*Trop. Woods* 76: 18 (Ducke 1943).

VERNACULAR NAMES. — Br: castanha-de-porco.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier 4707*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.9$  cm.

### Genus *Conceveiba* Aubl.

[501] *Conceveiba guianensis* Aubl.

*Hist. Pl. Guiane* 2: 924 [Jun.-Dec. 1775] (Aublet 1775).

*Conceveibum ovatum* A.Juss., *Euphorb. Gen.*: 43 [21 Feb. 1824] (Jussieu 1824), "*Conceveibum*".

*Conceveiba trigonocarpa* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 372 [1 May 1874] (Müller 1874).

*Conceveiba simulata* Steyer., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (5): 416 [27 May 1938] (Steyermark 1938).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ihap-kamwi, wakavu-kamwi, waravru-kamwi • Ka: alemenango wewe, mapiwalan, yawalelan • Te: a'i mididju • Wp: a'i miniyu, aminiyu lá, miniyu lá • Wn: palulumuli • Nt: kusisi, lebi udu • Cr: oubarouna • Br: arara-seringa, arraieira, tapichó.

HERBARIUM DATA (FG). — 142 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000947432]).

INVENTORY DATA (FG). — 575 trees in 139 plots;  $F_{\max} = 4.5\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[502] *Conceveiba krukoffii* Steyer.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (5): 414 [27 May 1938] (Steyermark 1938).

HERBARIUM DATA (FG). — A single collection, *F. Billiet & B. Jadin 1230* (BR) (not seen, *vide* Secco 2004).

SIZE. — Up to 25 cm dbh (Secco 2004).

[503] *Conceveiba martiana* Baill.  
(Fig. 23A)

*Adansonia [Baillon]* 5: 221 (Baillon 1865). — *Conceveibastrum martianum* (Baill.) Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147. VII (Heft 63): 217 [10 Nov. 1914] (Pax & Hoffmann 1914). — *Alchornea martiana* (Baill.) Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 375 [1 May 1874] (Müller 1874).

*Conceveiba megalophylla* Müll.Arg., *Linnaea* 34: 167 (Müller 1865).

VERNACULAR NAMES. — Wp: a'i meyu • Br: arraieira-branca.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *P. Grenand 3502*.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.7$  cm.

### Genus *Croton* L.

[504] *Croton cajucara* Benth.

*Hooker's J. Bot. Kew Gard. Misc.* 6: 376 (Bentham 1854). — *Oxydectes cajucara* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 611 [5 Nov. 1891] (Kuntze 1891).

*Croton seputubensis* Hoehne, *Exped. Roosevelt-Rondon. Bot.*: 53 (Hoehne 1914).

*Croton motilonorum* Croizat, *Mem. Soc. Ci. Nat. La Salle* 10: 126 (Croizat 1950).

VERNACULAR NAMES. — Br: sacaca.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *H. Richard & J. Ateni 432*.

SIZE. — Brazil, Maranhão. *J. Jangoux 1051* (MO), 10 m × 12 cm.

[505] *Croton cuneatus* Mart. ex Klotzsch

*London J. Bot.* 2: 49 (Klotzsch 1843). — *Macrocroton cuneatus* (Mart. ex Klotzsch) Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1186 ["1848" publ. 7-10 Mar. 1849] (Klotzsch 1849). — *Oxydectes cuneatus* (Mart. ex Klotzsch) Kuntze, *Revis. Gen. Pl.* 2: 611 [5 Nov. 1891] (Kuntze 1891).

*Croton surinamensis* Müll.Arg., *Linnaea* 34 (1): 82 [pre-Mar. 1865] (Müller 1865). — *Oxydectes surinamensis* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 613 [5 Nov. 1891] (Kuntze 1891).

*Croton martii* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 88 [1 Feb. 1873] (Müller 1873). — *Oxydectes martii* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 613 [5 Nov. 1891] (Kuntze 1891).

*Croton martii* var. *latifolius* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 88 [1 Feb. 1873] (Müller 1873).

*Croton martii* var. *longifolius* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 88 [1 Feb. 1873] (Müller 1873).

*Croton mimeticus* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 453 [“1894-96” publ. Dec. 1895] (Moore 1895).

*Croton kaieteuri* Jabl., *Mem. New York Bot. Gard.* 12 (3): 155 (Jablonszky 1965).

*Croton subcoriaceus* Jabl., *Mem. New York Bot. Gard.* 12 (3): 156 (Jablonszky 1965).

*Croton monachinoensis* Jabl., *Mem. New York Bot. Gard.* 12 (3): 157 (Jablonszky 1965).

*Croton bilocularis* J.Murillo, *Caldasia* 21 (2): 156 (Murillo 1999).

NOTES. — *C. surinamensis* Müll.Arg. is based on *C. cuneatus sensu* Miquel (1848: 477); hence it is not a replacement name (see Turland *et al.* 2018: Art. 41.7, note 3). However, it is validly published since it refers to Miquel’s description and types.

VERNACULAR NAMES. — Ka: tasi • Wp: mayawa’i • Wn: ehnaijap, enajop, mojai • Nt: ingi udu • Br: catinga-de-porco.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *M.-F. Prévost* 3847.

INVENTORY DATA (FG). — 1 tree, dbh = 24.8 cm.

[506] *Croton draconoides* Müll.Arg.  
(Fig. 23B)

*Linnaea* 34 (1): 90 [pre-Mar. 1865] (Müller 1865). — *Oxydectes draconoides* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 611 [5 Nov. 1891] (Kuntze 1891), “*draconodes*”.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *M.-F. Prévost* 185.

INVENTORY DATA (FG). — 3 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20$  cm.

[507] *Croton icabarui* Jabl.

*Mem. New York Bot. Gard.* 12 (3): 158 (Jablonszky 1965).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J. Engel et al.* 14, dbh = 10 cm.

[508] *Croton matourensis* Aubl.

*Hist. Pl. Guiane* 2: 879 [Jun.-Dec. 1775] (Aublet 1775), “*Matourense*”. — *Croton sericeus* Lam., *Encycl. [J. Lamarck et al.]* 2 (1): 210 [16 Oct. 1786] (Lamarck 1786), *nom. illeg. superfl.* (based on *Croton matourensis*). — *Oxydectes matourensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 612 [5 Nov. 1891] (Kuntze 1891).

*Croton caryophyllus* Benth., *Hooker’s J. Bot. Kew Gard. Misc.* 6: 374 (Bentham 1854). — *Oxydectes caryophyllus* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 611 [5 Nov. 1891] (Kuntze 1891).

*Croton matourensis* var. *benthamianus* Müll.Arg., *Linnaea* 34 (1): 95 [pre-Mar. 1865] (Müller 1865).

*Croton matourensis* var. *poepigianus* Müll.Arg., *Linnaea* 34 (1): 95 [pre-Mar. 1865] (Müller 1865).

*Croton matourensis* var. *sericeus* Müll.Arg., *Linnaea* 34 (1): 95 [pre-Mar. 1865] (Müller 1865).

*Croton kavanayensis* Steyerl., *Fieldiana, Bot.* 28 (2): 313 (Steyermark 1952).

*Croton lanjouwianus* Jabl., *Mem. New York Bot. Gard.* 12 (3): 158 (Jablonszky 1965), “*lanjouwensis*”.

*Croton pakaraimae* Jabl., *Mem. New York Bot. Gard.* 12 (3): 159 (Jablonszky 1965).

VERNACULAR NAMES. — Pa: ā-seiminio-kamwi, ā-seiminio-kamwipriyu, mariuvra-wašiuñó • Ka: kunapolan, mulewabo • Wp: mayawa’i • Wn: enajop, mojai • Nt: ingi udu • Cr: bwa-ranmié • Fr: bois indien • Br: dima, maravuvuiá.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material S, S-R-1308).

INVENTORY DATA (FG). — 57 trees in 11 plots;  $F_{\max} = 2.7\%$ ;  $dbh_{\text{inv}} = 38.8$  cm.

[509] *Croton palanostigma* Klotzsch

*London J. Bot.* 2: 48 (Klotzsch 1843). — *Oxydectes palanostigma* (Klotzsch) Kuntze, *Revis. Gen. Pl.* 2: 612 [5 Nov. 1891] (Kuntze 1891).

*Croton benthamianus* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 105 [1 May 1874] (Müller 1874).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24778.

SIZE. — Up to 15 m tall (Gillespie 2002).

[510] *Croton schiedeana* Schltldl.

*Linnaea* 19: 243 [“1847” publ. Feb. 1846] (Schlechtendal 1846). — *Oxydectes schiedeana* (Schltldl.) Kuntze, *Revis. Gen. Pl.* 2: 613 [5 Nov. 1891] (Kuntze 1891).

*Croton perobtus* Lundell, *Phytologia* 1 (12): 405 [Oct. 1940] (Lundell 1940).

VERNACULAR NAMES. — Wp: pesupi.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4423.

INVENTORY DATA (FG). — 58 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.7$  cm.

[511] *Croton* sp. A

NOTE. — This entity regroups specimens that are wrongly identified at CAY as *Croton tricolor* Klotzsch ex Baill., a species not present in French Guiana (Ricarda Riina, personal communication to JE, 2019).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-J. de Granville* 13403, dbh = 20 cm.

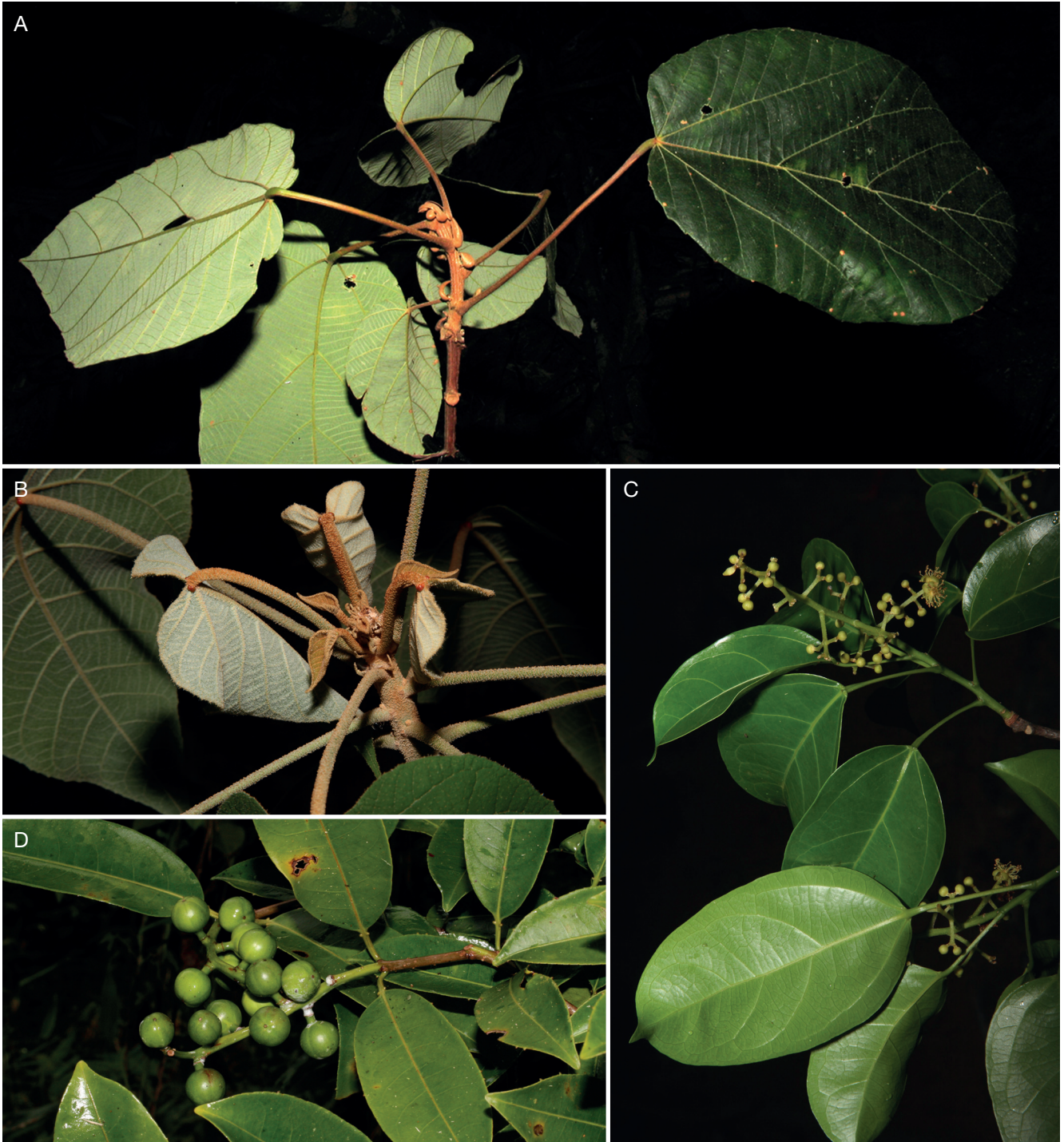


FIG. 23. — Euphorbiaceae: **A**, *Conceveiba martiana* Baill. (J.-F. Molino & D. Sabatier 2365); **B**, *Croton draconoides* Müll.Arg. (D. Sabatier 6013); **C**, *Glycydendron amazonicum* Ducke (D. Sabatier & E. Fonty 5760); **D**, *Sapium glandulosum* (L.) Morong (J.-F. Molino & D. Sabatier 2255). A, D, © J.-F. Molino/IRD; B, C, © D. Sabatier/IRD.

Genus *Dodecastigma* Ducke

[512] *Dodecastigma integrifolium* (Lanj.) Lanj. & Sandwith

*Kew Bull.* 5 (1): 134 (Lanjouw & Sandwith 1950). — *Pausandra integrifolia* Lanj., *Bull. Misc. Inform. Kew* 1932 (4): 183 [13 June 1932] (Lanjouw 1932).

*Dodecastigma mazarunense* Croizat, *Bull. Torrey Bot. Club* 75 (4): 404 [Jul.-Aug. 1948] (Croizat 1948).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al.* 22811.

INVENTORY DATA (FG). — 7 trees in 2 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 23.4$  cm.



[513] *Dodecastigma uleanum* (Pax & K.Hoffm.)  
G.L.Webster

*Contr. Univ. Michigan Herb.* 25: 237 [13 Aug. 2007] (Webster 2007). — *Cunuria uleana* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XIV (Heft 68): 51 [6 June 1919] (Pax & Hoffmann 1919). — *Anomalocalyx uleanus* (Pax & K.Hoffm.) Ducke, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 344 [30 Mar. 1932] (Ducke 1932).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman B-3139*.

SIZE. — Up to 25 cm dbh (Secco 2005).

Genus *Glycydendron* Ducke

[514] *Glycydendron amazonicum* Ducke  
(Fig. 23C)

*Arch. Jard. Bot. Rio de Janeiro* 3: 199 (Ducke 1922).

VERNACULAR NAMES. — Pa: paig-seine, pairi-seine • Nt: wandekole  
• Br: castanha-de-porco, mirindiba-doce, pau-doce.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *D. Sabatier* & *E. Fonty* 5760.

INVENTORY DATA (FG). — 106 trees in 82 plots;  $F_{\max} < 1\%$ ;  
 $dbh_{\text{inv}} = 92.3$  cm.

Genus *Hevea* Aubl.

[515] *Hevea guianensis* Aubl.

*Hist. Pl. Guiane* 2: 871 [Jun.-Dec. 1775] (Aublet 1775), “*peruviana*” on plate. — *Siphonia guianensis* (Aubl.) Juss. ex Baill., *Étude Euphorb.* 326 (Baillon 1858). — *Caoutchoua guianensis* (Aubl.) O.F.Cook, *J. Wash. Acad. Sci.* 31: 58 (Cook 1941).

*Hevea peruviana* Aubl., *Hist. Pl. Guiane* 4: t. 335 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: akabdat, katatu-avain • Ka: apalaba, mapalaba • Nt: afasi boyti, efea • Cr: évéa • Fr: hévéa • Br: seringueira-itaúba.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000812056]).

INVENTORY DATA (FG). — 214 trees in 70 plots;  $F_{\max} = 1.5\%$ ;  
 $dbh_{\text{inv}} = 63.9$  cm.

Genus *Hura* L.

[516] *Hura crepitans* L.

*Sp. Pl.* 2: 1008 [1 May 1753] (Linnaeus 1753).

*Hura brasiliensis* Willd., *Enum. Pl. [Willdenow]* 2: 997 [June 1809] (Willdenow 1809).

*Hura strepens* Willd., *Enum. Pl. [Willdenow]* 2: 997 [June 1809] (Willdenow 1809). — *Hura crepitans* var. *strepens* (Willd.) Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1230 [late Aug. 1866] (Müller 1866).

*Hura senegalensis* Baill., *Adansonia [Baillon]* 1: 77 (Baillon 1860). — *Hura crepitans* var. *senegalensis* (Baill.) Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1230 [late Aug. 1866] (Müller 1866).

*Hura crepitans* f. *oblongifolia* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1230 [late Aug. 1866] (Müller 1866).

*Hura crepitans* f. *orbicularis* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1229 [late Aug. 1866] (Müller 1866).

*Hura crepitans* f. *ovata* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1229 [late Aug. 1866] (Müller 1866).

*Hura crepitans* var. *genuina* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1229 [late Aug. 1866] (Müller 1866), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Hura crepitans* var. *membranacea* Müll. Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1229 [late Aug. 1866] (Müller 1866).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: tenway • Ka: asiwakala, kumakalan • Wp: wasaku • Wn: mutata • Nt: posenti, postii • Cr: bwa-dyab • Fr: bois diable, pet du diable, sablier • Br: açacu.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 4857.

INVENTORY DATA (FG). — 1 tree, dbh = 10.4 cm.

Genus *Mabea* Aubl.

[517] *Mabea piriri* Aubl.

*Hist. Pl. Guiane* 2: 867 [Jun.-Dec. 1775] (Aublet 1775).

*Mabea maynensis* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5: 7 [“1861” publ. June 1860] (Bentham 1860).

VERNACULAR NAMES. — Ka: yukuyapoi • Wp: awalapuna • Wn: isoimë watki • Nt: busi bisangula • Cr: bwa-lélé • Fr: bois à calumet • Br: seringá, taquari.

HERBARIUM DATA (FG). — 122 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000799363]).

INVENTORY DATA (FG). — 143 trees in 43 plots;  $F_{\max} = 3.9\%$ ;  
 $dbh_{\text{inv}} = 28.3$  cm.

[518] *Mabea salicoides* Esser

*Novon* 3 (4): 349 [winter 1993] (Esser 1993).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori* & *B.M. Boom* 15146.

SIZE. — Up to 18 cm dbh (Gillespie 2002).

[519] *Mabea speciosa* Müll. Arg.

*Fl. Bras. [Martius]* 11 (2): 520 [1 May 1874] (Müller 1874).

*Mabea caudata* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 282 [13 Feb. 1912] (Pax & Hoffmann 1912).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: awalapuna, awalapuna sili, paa lo'o • Wn: tihstili epit • Cr: bwa-lélé • Br: seringai, taquari.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M.-F. Prévost et al.* 4470.

INVENTORY DATA (FG). — 48 trees in 20 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 29$  cm.

[520] *Mabea subsessilis* Pax & K.Hoffm.

*Pflanzenr. [Engler]* IV.147.IV (Heft 52): 282 [13 Feb. 1912] (Pax & Hoffmann 1912).

*Mabea argutissima* Croizat, *Bull. Torrey Bot. Club* 67 (4): 288 [Apr. 1940] (Croizat 1940).

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2307.

INVENTORY DATA (FG). — 14 trees in 4 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 28$  cm.

[521] *Mabea taquari* Aubl.

*Hist. Pl. Guiane* 2: 870 [Jun.-Dec. 1775] (Aublet 1775).

*Mabea schomburgkii* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 6: 365 (Bentham 1854).

*Mabea taquari* var. *angustifolia* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1150 [late Aug. 1866] (Müller 1866).

VERNACULAR NAMES. — Ka: akale loway • Wn: isoimë watki.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material A[A00055264], BM[BM000799374], F[V0056865F], P[P00716889]; possible original material LINN[LINN-HS 1470.2], MPU[MPU015282]).

SIZE. — Guyana. *H.D. Clarke* 3146, 12 m.

Genus *Maprounea* Aubl.

[522] *Maprounea guianensis* Aubl.

*Hist. Pl. Guiane* 2: 895 [Jun.-Dec. 1775] (Aublet 1775), “*Maprounea Guyannensis*” on plate. — *Stillingia guianensis* (Aubl.) Baill., *Adansonia [Baillon]* 5: 332 (Baillon 1865). — *Excoecaria guianensis* (Aubl.) Baill., *Hist. Pl. [Baillon]* 5: 133 [Jan.-Apr. 1874] (Baillon 1874).

*Aegopricum betulinum* L.f., *Suppl. Pl.*: 413 [“1781” publ. Apr. 1782] (Linnaeus 1782), “*Aegopricon*”.

VERNACULAR NAMES. — Pa: iduras-veiti, iduras-vey, kagegut, karegut • Ka: alisigii, pilapisi • Wp: ka'a ki, kasila, yalakasila, yalakasilo • Nt: ayee wiwii, kusangula • Cr: radjé-chank • Br: vaquinhoha.

HERBARIUM DATA (FG). — 59 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000073601, BM000073602], S[S-R-10787]).

INVENTORY DATA (FG). — 14 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.1$  cm.

Genus *Micrandra* R.Br.

[523] *Micrandra elata* (Didr.) Müll.Arg.

*Linnaea* 34: 142 (Müller 1865). — *Pogonophyllum elatum* Didr., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1857: 145 (Didrichsen 1857).

*Micrandra bracteosa* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 290 [1 Feb. 1873] (Müller 1873).

*Micrandra glaziovii* Pax, *Pflanzenr. [Engler]* IV.147.I (Heft 42): 20 [3 May 1910] (Pax 1910).

*Micrandra brownsbergensis* Lanj., *Euphorb. Surinam* 34 (Lanjouw 1931).

*Micrandra santanderensis* Croizat, *J. Arnold Arbor.* 24 (2): 169 [15 Apr. 1943] (Croizat 1943).

NOTE. — *Micrandra bracteosa* Müll.Arg. is not the basionym of *Cunuria bracteosa* Ducke nor that of *Cunuria spruceana* var. *bracteosa* (Ducke) R.E.Schult. Both names are synonyms of *Micrandra spruceana* (Baill.) R.E.Schult.

VERNACULAR NAMES. — Ka: mule'ilan, tipulu alome.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier et al.* 4781.

INVENTORY DATA (FG). — 151 trees in 13 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 47.1$  cm.

[524] *Micrandra rossiana* R.E.Schult.

*Bot. Mus. Leaflet.* 15 (8): 211 [29 May 1952] (Schultes 1952).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier et al.* 5802.

INVENTORY DATA (FG). — 16 trees in 2 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

Genus *Pausandra* Radlk.

[525] *Pausandra fordii* Secco

*Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 3 (1): 60 (Secco 1987).

VERNACULAR NAMES. — Pa: á-agag.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *R.S. Cowan* 38370 (holo-, NY[00272986] ; iso-, NY[00272985], ).

INVENTORY DATA (FG). — 256 trees in 31 plots;  $F_{\max} = 4.6\%$ ;  $dbh_{\text{inv}} = 27.5$  cm.

[526] *Pausandra martinii* Baill.

*Adansonia [Baillon]* 11: 92 (Baillon 1873), “*Martini*”.

*Pausandra flagellorbachis* Lanj., *Euphorb. Surinam* 30 (Lanjouw 1931).

VERNACULAR NAMES. — Pa: kawap.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *J. Martini s.n.* (holo-, P[P00648720]; iso-, P[P00648721]).

SIZE. — Up to 20 m tall (Gillespie 2002).

[527] *Pausandra trianae* (Müll.Arg.) Baill.

*Adansonia* [Baillon] 11: 92 (Baillon 1873). — *Pogonophora trianae* Müll.Arg., *Flora* 47: 434 (Müller 1864).

*Pausandra quadriglandulosa* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XIV (Heft 68): 43 [6 June 1919] (Pax & Hoffmann 1919).

*Pausandra extorris* Standl., *Trop. Woods* 17: 24 [Mar. 1929] (Standley 1929).

*Pausandra densiflora* Lanj., *Recueil Trav. Bot. Néerl.* 33: 766 (Lanjouw 1936).

*Pausandra sericea* Lanj., *Recueil Trav. Bot. Néerl.* 33: 767 (Lanjouw 1936).

*Clavija septentrionalis* L.O.Williams, *Fieldiana, Bot.* 32 (12): 205 (Williams 1970).

VERNACULAR NAMES. — Br: orelha-de-burro.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *H. Jacquemin* 2435.

SIZE. — Up to 30 m tall (Webster & Huft 1988).

Genus *Sagotia* Baill.

[528] *Sagotia brachysepala* (Müll.Arg.) Secco

*Acta Amazonica Supl.* 15 (1-2): 81, 85 (Secco 1985). — *Sagotia racemosa* var. *brachysepala* Müll.Arg., *Flora* 47: 516 (Müller 1864).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* 2719.

SIZE. — Up to 35 m tall (Secco 1999).

[529] *Sagotia racemosa* Baill.

*Adansonia* [Baillon] 1: 54 (Baillon 1860).

*Sagotia racemosa* var. *genuina* Müll.Arg., *Flora* 47: 516 (Müller 1864), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Sagotia racemosa* var. *ligularis* Müll.Arg., *Flora* 47: 516 (Müller 1864).

*Sagotia racemosa* var. *microsepala* Müll.Arg., *Flora* 47: 517 (Müller 1864).

*Sagotia tafelbergii* Croizat, *Bull. Torrey Bot. Club* 75 (4): 404 [Jul.-Aug. 1948] (Croizat 1948).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: tatu mila • Nt: makwebo.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *J. Martin* 27 (original material P[P00648674]).

INVENTORY DATA (FG). — 251 trees in 52 plots;  $F_{\max} = 4.2\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

Genus *Sandwithia* Lanj.

[530] *Sandwithia guyanensis* Lanj.

*Bull. Misc. Inform. Kew* 1932 (4): 184 [13 June 1932] (Lanjouw 1932).

VERNACULAR NAMES. — Wp: wila tuwi • Br: urucurana-branca.

HERBARIUM DATA (FG). — 59 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3589.

INVENTORY DATA (FG). — 677 trees in 75 plots;  $F_{\max} = 6.2\%$ ;  $dbh_{\text{inv}} = 40.7$  cm.

Genus *Sapium* Jacq.

[531] *Sapium argutum* (Müll.Arg.) Huber

*Bull. Herb. Boissier, sér. 2*, 6: 439 (Huber 1906). — *Excoecaria arguta* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 614 [1 May 1874] (Müller 1874), "*Excaecaria*".

*Sapium montanum* Lanj., *Euphorb. Surinam* 47 (Lanjouw 1931).

VERNACULAR NAMES. — Pa: itey-avain, itey-avan.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25536.

SIZE. — Up to 10 m tall (Santos & Sales 2009).

[532] *Sapium ciliatum* Hemsl.

*Hooker's Icon. Pl.* 27 [ser. 4, 7]: t. 2683 [Feb. 1901] (Hemsley 1901).

VERNACULAR NAMES. — Wp: melekene, melekene sili • Br: murupita.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 1964.

SIZE. — Brazil, Pará. *B.V. Rabelo* 3741 (MO), 15 m.

[533] *Sapium glandulosum* (L.) Morong (Fig. 23D)

*Ann. New York Acad. Sci.* 7: 227 (Morong 1893). — *Hippomane glandulosa* L., *Sp. Pl.* 2: 1191 [1 May 1753] (Linnaeus 1753). — *Sapium jamaicense* Sw., *Adnot. Bot.*: 62 (Swartz 1829), *nom. illeg. superfl.* (includes the type of *Hippomane glandulosa*).

*Sapium aucuparium* Jacq., *Enum. Syst. Pl.*: 21 [Aug.-Sep. 1760] (Jacquin 1760). — *Hippomane aucuparia* (Jacq.) Crantz, *Inst. Rei Herb.* 1: 169 (Crantz 1766). — *Stillingia aucuparia* (Jacq.) Oken, *Allg. Naturgesch.* 3 (3): 1607 (Oken 1841). — *Sapium biglandulosum* var. *aucuparium* (Jacq.) Müll.Arg., *Linnaea* 32: 119 (Müller 1863). — *Excoecaria biglandulosa* var. *aucuparia* (Jacq.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), "*Excaecaria*".

*Hippomane biglandulosa* L., *Sp. Pl.*, ed. 2, 2: 1431 [Aug. 1763] (Linnaeus 1763), *nom. illeg. superfl.* (based on *Sapium aucuparium*). — *Sapium hippomane* G.Mey., *Prim. Fl. Esseq.* 275 [Nov. 1818] (Meyer 1818), *nom. illeg. superfl.* (based on *Hippomane*

- biglandulosa). — *Sapium biglandulosum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863). — *Stillingia biglandulosa* Baill., *Adansonia [Baillon]* 5: 320 (Baillon 1865). — *Sapium montevidense* Klotzsch ex Baill., *Adansonia [Baillon]* 5: 320 (Baillon 1865), *nom. nud. pro syn.* — *Excoecaria biglandulosa* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1204 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium salicifolium* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 65 [28 Apr. 1817] (Kunth 1817). — *Sapium biglandulosum* var. *salicifolium* (Kunth) Müll.Arg., *Linnaea* 32: 119 (Müller 1863). — *Stillingia salicifolia* (Kunth) Klotzsch ex Baill., *Adansonia [Baillon]* 5: 320 (Baillon 1865), *nom. illeg. hom., non* (Torr.) Raf. (Rafinesque 1832). — *Excoecaria biglandulosa* var. *salicifolia* (Kunth) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1207 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Omphalea glandulata* Vell., *Fl. Flumin. Icon.* 10: t. 14 [“1827” publ. 29 Oct. 1831] (Vellozo 1831). — *Sapium glandulatum* (Vell.) Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 229 [13 Feb. 1912] (Pax 1912). — *Excoecaria biglandulosa* var. *glandulata* (Vell.) Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 621 [1 May 1874] (Müller 1874), “*Excaecaria*”.
- Sapium prunifolium* Klotzsch, *London J. Bot.* 2: 45 (Klotzsch 1843). — *Stillingia prunifolia* (Klotzsch) Baill., *Étude Euphorb.* 513 (Baillon 1858). — *Excoecaria biglandulosa* var. *prunifolia* (Klotzsch) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1205 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium moritzianum* Klotzsch, *Bot. Voy. Herald [Seemann]* 3: 100 [Nov. 1853] (Klotzsch 1853). — *Sapium biglandulosum* var. *moritzianum* (Klotzsch) Müll.Arg., *Linnaea* 32: 119 (Müller 1863). — *Excoecaria biglandulosa* var. *moritziana* (Klotzsch) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), “*Excaecaria*”, “*Moritzianum*”. — *Sapium aucuparium* subsp. *moritzianum* (Klotzsch) Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 128 [18 June 1918] (Pittier 1918).
- Stillingia cremostachya* Baill., *Étude Euphorb.* 512 (Baillon 1858). — *Sapium cremostachyum* (Baill.) I.M. Johnston, *Contr. Gray Herb.* 68: 91 (Johnston 1923).
- Stillingia hippomane* Baill., *Étude Euphorb.* 513 (Baillon 1858).
- Sapium aucuparium* var. *hippomane* Griseb., *Fl. Brit. W.I. [Grisebach]* 49 [Dec. 1859] (Grisebach 1859).
- Sapium aereum* Klotzsch ex Müll.Arg., *Linnaea* 32: 119 (Müller 1863). — *Excoecaria aerea* (Klotzsch ex Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1207 [late Aug. 1866] (Müller 1866), “*Excaecaria*”. — *Sapium aureum* H. Buek, *Gen. Sp. Synon. Cand.* 4: 364 [Jul.-Aug. 1874] (Buek 1874), sphalm.
- Sapium biglandulosum* f. *obovata* Müll.Arg., *Linnaea* 32: 116 (Müller 1863). — *Excoecaria biglandulosa* f. *obovata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1205 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium biglandulosum* var. *aubletianum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863). — *Excoecaria biglandulosa* var. *aubletiana* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1205 [late Aug. 1866] (Müller 1866), “*Excaecaria*”, “*Aubletianum*”. — *Sapium aubletianum* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 362 (Huber 1906).
- Sapium biglandulosum* var. *hamatum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863). — *Excoecaria biglandulosa* var. *hamata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1204 [late Aug. 1866] (Müller 1866). — *Sapium hamatum* (Müll.Arg.) Pax & K. Hoffm., *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 229 [13 Feb. 1912] (Pax & Hoffmann 1912).
- Sapium biglandulosum* f. *pavonianum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863), “*Peruvianum*”. — *Excoecaria biglandulosa* var. *pavoniana* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1204 [late Aug. 1866] (Müller 1866), “*Excaecaria*”, “*Pavoniana*”. — *Sapium pavonianum* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 356 (Huber 1906).
- Sapium obtusilobum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863). — *Excoecaria obtusiloba* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1203 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium biglandulosum* var. *meyerianum* Müll.Arg., *Linnaea* 32: 116 (Müller 1863).
- Sapium biglandulosum* f. *oblongatum* Müll.Arg., *Linnaea* 32: 117 (Müller 1863). — *Excoecaria biglandulosa* f. *oblongata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1205 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium biglandulosum* var. *cuneatum* Müll.Arg., *Linnaea* 32: 117 (Müller 1863). — *Excoecaria biglandulosa* var. *cuneata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium biglandulosum* var. *klotzschianum* Müll.Arg., *Linnaea* 32: 117 (Müller 1863). — *Excoecaria biglandulosa* var. *klotzschiana* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1205 [late Aug. 1866] (Müller 1866), “*Excaecaria*”, “*Klotzschianum*”. — *Sapium klotzschianum* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 438 (Huber 1906).
- Sapium biglandulosum* f. *minus* Müll.Arg., *Linnaea* 32: 117 (Müller 1863).
- Sapium biglandulosum* var. *lanceolatum* Müll.Arg., *Linnaea* 32: 118 (Müller 1863). — *Excoecaria biglandulosa* var. *lanceolata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), “*Excaecaria*”. — *Excoecaria marginata* var. *lanceolata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1208 [late Aug. 1866] (Müller 1866), “*Excaecaria*”. — *Sapium lanceolatum* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 441 (Huber 1906).
- Sapium biglandulosum* var. *serratum* Müll.Arg., *Linnaea* 32: 118 (Müller 1863). — *Sapium serratum* (Müll.Arg.) Klotzsch ex Baill., *Adansonia [Baillon]* 5: 320 (Baillon 1865). — *Excoecaria biglandulosa* var. *serrata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium marginatum* Müll.Arg., *Linnaea* 32: 120 (Müller 1863). — *Excoecaria marginata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1208 [late Aug. 1866] (Müller 1866), *nom. illeg. hom., non* Kunze ex Baill. (Baillon 1858). — *Stillingia marginata* (Müll.Arg.) Baill., *Adansonia [Baillon]* 5: 321 (Baillon 1865).
- Sapium marginatum* f. *majus* Müll.Arg., *Linnaea* 32: 120 (Müller 1863). — *Excoecaria marginata* f. *major* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1208 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium marginatum* var. *spathulatum* Müll.Arg., *Linnaea* 32: 120 (Müller 1863). — *Excoecaria marginata* var. *spathulata* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1208 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium marginatum* var. *lanceolatum* Müll.Arg., *Linnaea* 32: 120 (Müller 1863).

- Stillingia dracunculoides* Baill., *Adansonia* [Baillon] 5: 321 (Baillon 1865), in obs. — *Excoecaria biglandulosa* var. *dracunculoides* (Baill.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1206 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Sapium suberosum* Müll.Arg., *Linnaea* 34: 217 (Müller 1865). — *Excoecaria suberosa* (Müll.Arg.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1202 [late Aug. 1866] (Müller 1866).
- Excoecaria biglandulosa* var. *hippomane* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1204 [late Aug. 1866] (Müller 1866), “*Excaecaria*”.
- Excoecaria biglandulosa* var. *clauseniana* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 618 [1 May 1874] (Müller 1874), “*Excaecaria*”, “*Clauseniana*”. — *Sapium clausenianum* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 436 (Huber 1906).
- Excoecaria biglandulosa* var. *intercedens* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 620 [1 May 1874] (Müller 1874). — *Sapium intercedens* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 437 (Huber 1906).
- Excoecaria biglandulosa* var. *grandifolia* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 622 [1 May 1874] (Müller 1874), “*Excaecaria*”.
- Excoecaria biglandulosa* var. *leptadenia* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 620 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium leptadenium* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 436 (Huber 1906).
- Excoecaria biglandulosa* var. *montevicensis* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 621 [1 May 1874] (Müller 1874).
- Excoecaria biglandulosa* var. *petiolaris* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 621 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium aucuparium* var. *petiolare* (Müll.Arg.) Griseb., *Abb. Königl. Ges. Wiss. Göttingen* 24: 62 (Grisebach 1879). — *Sapium petiolare* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 434 (Huber 1906).
- Excoecaria marginata* var. *conjungens* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 617 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium marginatum* var. *conjungens* (Müll.Arg.) Müll.Arg., *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 224 [13 Feb. 1912] (Müller 1912).
- Excoecaria marginata* var. *grandifolia* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 618 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium marginatum* var. *grandifolium* (Müll.Arg.) Müll.Arg., *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 224 [13 Feb. 1912] (Müller 1912).
- Excoecaria marginata* var. *longifolia* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 618 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium marginatum* var. *longifolium* (Müll.Arg.) Müll.Arg., *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 224 [13 Feb. 1912] (Müller 1912).
- Excoecaria occidentalis* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 615 [1 May 1874] (Müller 1874), “*Excaecaria*”. — *Sapium occidentale* (Müll.Arg.) Huber, *Bull. Herb. Boissier*, sér. 2, 6: 441 (Huber 1906).
- Sapium poeppigii* Hemsl., *Hooker's Icon. Pl.* 27 [ser. 4, 7]: t. 2678 [Feb. 1901] (Hemsley 1901).
- Sapium caribaeum* Urb., *Symb. Antill. [Urban]* 3 (2): 308 [15 Aug. 1902] (Urban 1902).
- Sapium taburu* Ule, *Bot. Jahrb. Syst.* 35 (5): 671 [18 Apr. 1905] (Ule 1905).
- Sapium pittieri* Huber, *Bull. Herb. Boissier*, sér. 2, 6: 350 (Huber 1906).
- Sapium bogotense* Huber, *Bull. Herb. Boissier*, sér. 2, 6: 355 (Huber 1906). — *Sapium biglandulosum* var. *bogotense* (Huber) Monach., *Bull. Torrey Bot. Club* 67 (9): 772 [Dec. 1940] (Monachino 1940).
- Sapium hemsleyanum* Huber, *Bull. Herb. Boissier*, sér. 2, 6: 362 (Huber 1906).
- Sapium submarginatum* Huber, *Bull. Herb. Boissier*, sér. 2, 6: 443 (Huber 1906).
- Sapium oligoneurum* K.Schum. & Pittier, *Contr. U.S. Natl. Herb.* 12: 168 (Schumann & Pittier 1908). — *Sapium biglandulosum* var. *oligoneurum* (K.Schum. & Pittier) Monach., *Bull. Torrey Bot. Club* 67 (9): 772 [Dec. 1940] (Monachino 1940).
- Sapium sulciferum* Pittier, *Contr. U.S. Natl. Herb.* 12: 169 (Pittier 1908). — *Sapium biglandulosum* var. *sulciferum* (Pittier) Monach., *Bull. Torrey Bot. Club* 67 (9): 772 [Dec. 1940] (Monachino 1940).
- Sapium fendleri* Hemsl., *Hooker's Icon. Pl.* 29 [ser. 4, 9]: sub t. 2888 [June 1909] (Hemsley 1909).
- Sapium muelleri* Hemsl., *Hooker's Icon. Pl.* 29 [ser. 4, 9]: t. 2884 [June 1909] (Hemsley 1909).
- Hippomane zeocca* L. ex B.D.Jacks., *Index Linn. Herb.*: 86 (Jackson 1912), *nom. nud.*
- Sapium endlicherianum* Klotzsch ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 228 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium obtusatum* Klotzsch ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 224 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium poblianum* Klotzsch ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 228 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium punctatum* Klotzsch ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 223 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium pycnostachys* K.Schum. ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 208 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium subserratum* Klotzsch ex Pax, *Pflanzenr. [Engler]* IV.147.IV (Heft 52): 226 [13 Feb. 1912] (Pax 1912), *nom. nud. pro syn.*
- Sapium caudatum* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 127 [18 June 1918] (Pittier 1918).
- Sapium giganteum* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 128 [18 June 1918] (Pittier 1918).
- Sapium albomarginatum* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XVII (Heft 85): 203 [16 May 1924] (Pax & Hoffmann 1924).
- Sapium fragile* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XVII (Heft 85): 202 [16 May 1924] (Pax & Hoffmann 1924).
- Sapium paranaense* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XVII (Heft 85): 203 [16 May 1924] (Pax & Hoffmann 1924).
- Sapium guaricense* Pittier, *J. Wash. Acad. Sci.* 19: 355 (Pittier 1929).
- Sapium naiguatense* Pittier, *J. Wash. Acad. Sci.* 19: 355 (Pittier 1929).
- Sapium paucistamineum* Pittier, *J. Wash. Acad. Sci.* 19: 356 (Pittier 1929).
- Sapium integrifolium* Splitg. ex Lanj., *Euphorb. Surinam* 176 (Lanjouw 1931), *nom. nud. pro syn.*
- Sapium klotzschianum* var. *glaziovii* Lanj., *Euphorb. Surinam* 46 (Lanjouw 1931).
- Stillingia haematantha* Standl., *Ann. Missouri Bot. Gard.* 27: 314 (Standley 1940).

*Sapium haematospermum* Müll.Arg. var. *saltense* O'Donell & Lourteig, *Lilloa* 8: 586 (O'Donell & Lourteig 1942), “*saltensis*”. — *Sapium saltense* (O'Donell & Lourteig) Jabl., *Phytologia* 14 (7): 451 [15 May 1967] (Jablonszky 1967).

*Sapium schippii* Croizat, *Amer. Midl. Naturalist* 29 (2): 477 [5 Apr. 1943] (Croizat 1943).

*Sapium contortum* Croizat, *J. Arnold Arbor.* 26 (2): 193 [16 Apr. 1945] (Croizat 1945).

*Sapium nitidum* Alain, *Contr. Ocas. Mus. Hist. Nat. Colegio De La Salle* 11: 8 (Alain 1952), *nom. illeg. hom., non* (Monach.) Lundell (1943) [synonym of *S. lateriflorum* Hemsl.]

*Sapium moaense* Alain, *Revista Soc. Cub. Bot.* 10: 27 (Alain 1953).

*Sapium ixiamasense* Jabl., *Phytologia* 14 (7): 450 [15 May 1967] (Jablonszky 1967).

*Sapium itzanum* Lundell, *Wrightia* 5 (4): 77 (Lundell 1975).

*Sapium izabalense* Lundell, *Wrightia* 5 (9): 346 (Lundell 1977).

*Sapium alainianum* P.T.Li, *Guihaia* 14 (2): 130 (Li 1994).

NOTES. — *Excoecaria biglandulosa* Müll.Arg., *Sapium biglandulosum* Müll.Arg. and *Stillingia biglandulosa* Baill. are based on the illegitimate *Hippomane biglandulosa* L. *S. biglandulosum* is itself illegitimate, because it includes the type of *H. glandulosa*.

VERNACULAR NAMES. — Pa: itey-avain, itey-avan • Ka: alekosin, kumakalan • Nt: meliki udu • Cr: bwa-dilèt • Br: burra-leiteira, murupita.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2255.

INVENTORY DATA (FG). — 1 tree, dbh = 28.5 cm.

[534] *Sapium paucinervium* Hemsl.

*Hooker's Icon. Pl.* 27 [ser. 4, 7]: t. 2648 [“1901” publ. May 1900] (Hemsley 1900).

*Sapium microdentatum* Lanj., *Euphorb. Surinam* 46 (Lanjouw 1931).

VERNACULAR NAMES. — Br: murupita.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2970.

INVENTORY DATA (FG). — 21 trees in 12 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

Family GOUPIACEAE Miers  
Genus *Goupia* Aubl.

[535] *Goupia glabra* Aubl.  
(Fig. 24A)

*Hist. Pl. Guiane* 1: 296 [Jun.-Dec. 1775] (Aublet 1775). — *Glossopetalum glabrum* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 510 [late Sep.-Nov. 1791] (Gmelin 1791).

*Goupia tomentosa* Aubl., *Hist. Pl. Guiane* 1: 296 [Jun.-Dec. 1775] (Aublet 1775). — *Glossopetalum tomentosum* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 510 [late Sep.-Nov. 1791] (Gmelin 1791).

*Goupia paraensis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 86 (Huber 1910).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: pasis • Ka: kubi'i, kupi'i • Te: patsitsi • Wp: pasisi • Wn: walima • Nt: kopi • Cr: bwa-kaka, goupì • Fr: bois caca, goupì • Br: cupiúba.

HERBARIUM DATA (FG). — 151 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00778564] designated by Lanjouw & Uittien [1940: 151]).

INVENTORY DATA (FG). — 382 trees in 134 plots;  $F_{\max} = 26.2\%$ ;  $dbh_{\text{inv}} = 158$  cm.

Family HERNANDIACEAE Blume  
Genus *Hernandia* Plum. ex L.

[536] *Hernandia guianensis* Aubl.  
(Fig. 24B)

*Hist. Pl. Guiane* 2: 848 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Pa: maoksi-adudu • Ka: ayowo, tokolo enulu • Wp: wali wowo • Nt: popolika • Cr: bwa-amadou, bwa-bannan • Br: ventosa.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993866], G[G00355749]).

INVENTORY DATA (FG). — 11 trees censused, 1 in 1 plot;  $dbh_{\text{inv}} = 57$  cm.

Family HUMIRIACEAE A.Juss.  
Genus *Humiria* J.St.-Hil.

[537] *Humiria balsamifera* Aubl.

*Hist. Pl. Guiane* 1: 564 [Jun.-Dec. 1775] (Aublet 1775), “*Houmiri*”. — *Myrodendrum balsamiferum* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 817 [late Sep.-Nov. 1791] (Gmelin 1791).

*Myrodendrum amplexicaule* Willd., *Sp. Pl.*, ed. 4 2 (2): 1171 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Humiria balsamifera*). — *Humiria amplexicaulis* Mart. ex Urb., *Fl. Bras. [Martius]* 12 (2): 440 [1 Dec. 1877] (Urban 1877), “*Humirium amplexicaule*”, *nom. nud. pro syn.*

*Humiria arenaria* Guill. ex Baill., *Adansonia [Baillon]* 1: 209 (Baillon 1860), “*Humirium arenarium*”.

*Humiria balsamifera* f. *attenuata* Cuatrec., *Contr. U.S. Natl. Herb.* 35 (2): 97 [14 Apr. 1961] (Cuatrecasas 1961).

NOTE. — In order to limit the inflation of binomials, we have chosen not to list here the orthographic variants “*Humirium*” and “*Myrodendron*”, as well as all binomial based on them.

VERNACULAR NAMES. — Pa: psum, umeg • Ka: meli • Wp: weli • Nt: aneisi udu • Cr: bwa-rouj • Fr: houmiri baumier • Br: turamira, umiri.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000795994]).

INVENTORY DATA (FG). — 28 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 144.2$  cm.

Genus *Humiriastrum* (Urb.) Cuatrec.

[538] *Humiriastrum excelsum* (Ducke) Cuatrec.

*Contr. U.S. Natl. Herb.* 35 (2): 133 [14 Apr. 1961] (Cuatrecasas 1961). — *Sacoglottis excelsa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 178 (Ducke 1922).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4066.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63.3$  cm.

[539] *Humiriastrum subcrenatum* (Benth.) Cuatrec.

*Contr. U.S. Natl. Herb.* 35 (2): 138 [14 Apr. 1961] (Cuatrecasas 1961). — *Humiria subcrenata* Benth., *London J. Bot.* 2: 374 (Bentham 1843), “*Humirium subcrenatum*”. — *Sacoglottis subcrenata* (Benth.) Urb., *Sitzungsber. Ges. Naturf. Freunde Berlin* 5 (Urban 1878).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: ašiu, ašiwá, tumau-atamwa • Nt: lebi kookoo.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J. Martin s.n.* (type K[K000407329]).

INVENTORY DATA (FG). — 112 trees in 53 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 75.8$  cm.

Genus *Sacoglottis* Mart.

[540] *Sacoglottis cydonioides* Cuatrec.  
(Fig. 24C)

*Contr. U.S. Natl. Herb.* 35 (2): 183 [14 Apr. 1961] (Cuatrecasas 1961).

VERNACULAR NAMES. — Pa: ašiu, ašiwá, tumau-atamwa • Ka: pelulu • Wp: asiwa • Cr: bwa-kochon, bwa-maypouri.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *D. Sabatier & J.-L. Smock* 5782.

INVENTORY DATA (FG). — 31 trees in 22 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 73$  cm.

[541] *Sacoglottis guianensis* Benth.

*Hooker's J. Bot. Kew Gard. Misc.* 5: 104 (Bentham 1853).

*Sacoglottis amazonica* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 104 (Bentham 1853), *nom. illeg. hom., non* Mart. (Martius 1827).

*Sacoglottis guianensis* f. *dolichocarpa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 179 (Ducke 1922).

*Sacoglottis guianensis* var. *maior* Ducke, *Arch. Inst. Biol. Veg.* 4 (1): 27 [June 1938] (Ducke 1938).

*Sacoglottis guianensis* var. *hispidula* Cuatrec., *Contr. U.S. Natl. Herb.* 35 (2): 180 [14 Apr. 1961] (Cuatrecasas 1961).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: ašiu, ašiwá, tumau-atamwa • Ka: apesiya, yapopali • Nt: bofo udu, bofoo udu • Cr: bwa-kochon, bwa-maypouri • Br: achuá, uchirana.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5202.

INVENTORY DATA (FG). — 182 trees in 72 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 61.3$  cm.

Genus *Schistostemon* (Urb.) Cuatrec.

[542] *Schistostemon dichotomus* (Urb.) Cuatrec.

*Contr. U.S. Natl. Herb.* 35 (2): 159 [14 Apr. 1961] (Cuatrecasas 1961). — *Sacoglottis dichotoma* Urb., *Fl. Bras. [Martius]* 12 (2): 446 [1 Dec. 1877] (Urban 1877), “*Saccoglottis*”.

NOTE. — The Greek root “*stemon*” is masculine, hence *dichotomus*.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *C. Sastre et al.* 4125.

SIZE. —  $> 10$  cm dbh (Cardoso *et al.* 2017).

[543] *Schistostemon sylvaticus* Sabatier

*Proc. Kon. Ned. Akad. Wetensch.* C 90 (2): 206 (Sabatier 1987).

NOTES. — Known only from French Guiana. The Greek root “*stemon*” is masculine, hence *sylvaticus*.

VERNACULAR NAMES. — Nt: bofo udu, bofoo udu.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier* 842 (holo-, P[P00077220]); iso-, P[not seen], U[U0008171]).

INVENTORY DATA (FG). — 17 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 56$  cm.

Genus *Vantanea* Aubl.

[544] *Vantanea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 572 [Jun.-Dec. 1775] (Aublet 1775). — *Lemniscia guianensis* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 817 [late Sep.-Nov. 1791] (Gmelin 1791). — *Lemniscia floribunda* Willd., *Sp. Pl.*, ed. 4 2 (2): 1172 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Vantanea guianensis*).

VERNACULAR NAMES. — Pa: ašiu-kamwi • Te: tepotsi átá, wila pikikit • Nt: bofo udu, bofoo udu • Br: uchirana.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000795993], S[S-R-9886]).

INVENTORY DATA (FG). — 34 trees in 17 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 73$  cm.

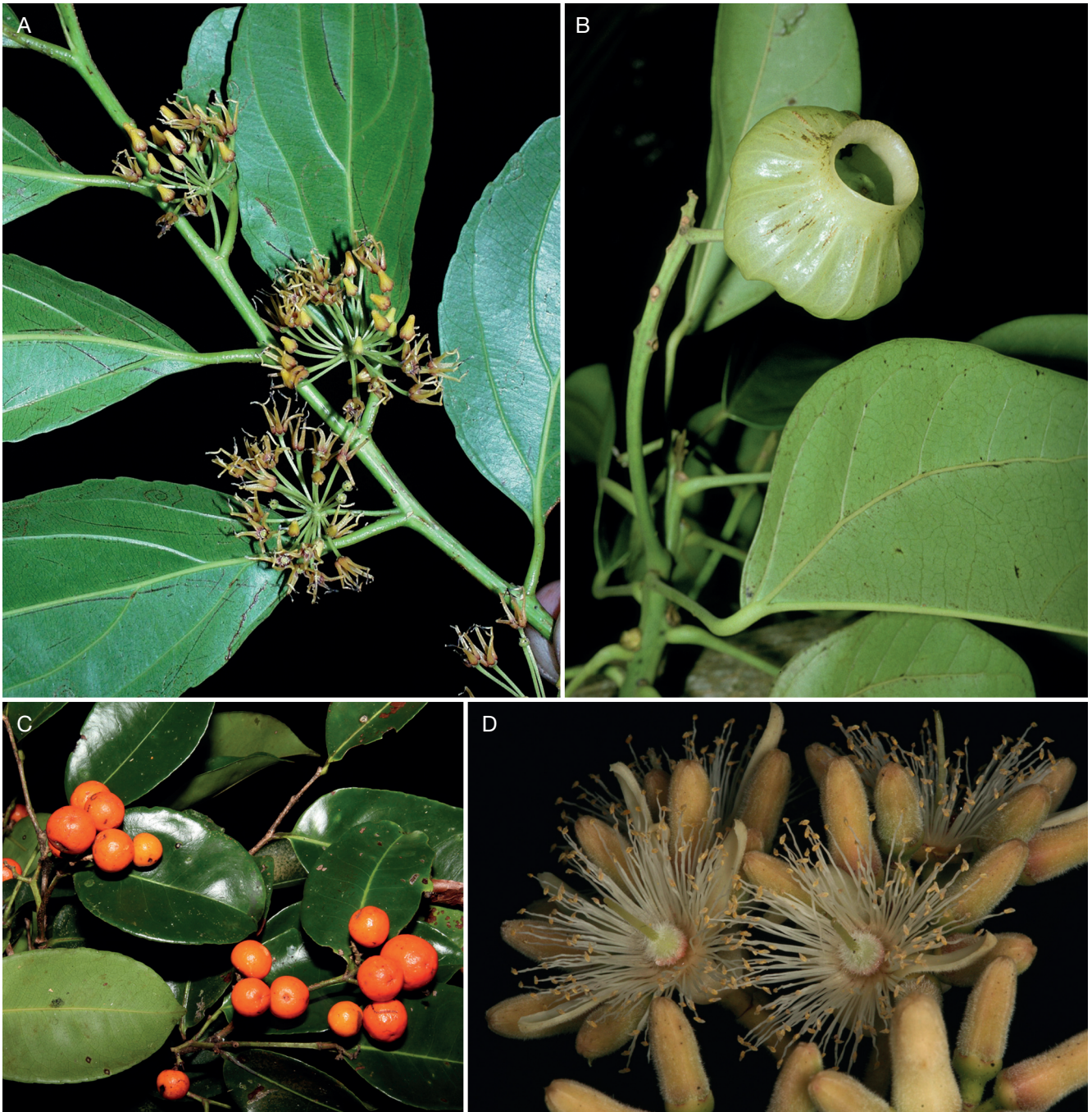


FIG. 24. — Goupiaceae: **A**, *Goupia glabra* Aubl. Hernandiaceae: **B**, *Hernandia guianensis* Aubl. (M.-F. Prévost 3500). Humiriaceae: **C**, *Sacoglottis cydonioides* Cuatrec. (D. Sabatier & J.-L. Smock 5782); **D**, *Vantanea maculicarpa* Sabatier & J.Engel (D. Sabatier 5574). © D. Sabatier/IRD.

[545] *Vantanea maculicarpa* Sabatier & J.Engel  
(Fig. 24D)

*Phytotaxa* 338 (1): 130 [09 Feb. 2018] (Sabatier & Engel 2018).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: D. Sabatier 5574 (holo-, CAY[CAY111685]; iso-, CAY[CAY109439], P[P01156374]).

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 66.5$  cm.

[546] *Vantanea ovicarpa* Sabatier

*Brittonia* 54 (4): 233 [“2002” publ. 16 Apr. 2003] (Sabatier 2003).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: S.A. Mori & N.P. Smith 25047 (holo-, NY[00718019, 00718020]; iso-, CAY[CAY015333], P[P00710334], US[00810841]).

SIZE. — Up to 50 cm dbh (Sabatier 2002).



[547] *Vantanea parviflora* Lam.

*J. Hist. Nat.* 1: 145 (Lamarck 1792).

*Vantanea cupularis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 83 (Huber 1910).

VERNACULAR NAMES. — Pa: ahavuiye-wašiuene • Nt: adugwe • Br: macucá-murici, quebra-machado, uchirana.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (holo-, P-LA?, not seen; iso-, G[G00368596]).

INVENTORY DATA (FG). — 87 trees in 49 plots;  $F_{\max} = 3.1\%$ ;  $dbh_{\text{inv}} = 88$  cm.

Family HYPERICACEAE Juss.  
Genus *Vismia* Vand.

[548] *Vismia cayennensis* (Jacq.) Pers.

*Syn. Pl. [Persoon]* 2 (1): 86 [Nov. 1806] (Persoon 1806). — *Hypericum cayennense* Jacq., *Enum. Syst. Pl.*: 28 [Aug.-Sep. 1760] (Jacquin 1760). — *Caopia cayennensis* (Jacq.) Kuntze, *Revis. Gen. Pl.* 1: 58 [5 Nov. 1891] (Kuntze 1891).

*Hypericum eugeniifolium* Willd. ex Spreng., *Syst. Veg. [Sprengel]* 3: 350 [Jan.-Mar. 1826] (Sprengel 1826), “*eugeniaefolium*”, *nom. nud. pro syn.*

*Vismia floribunda* Sprague, *Trans. & Proc. Bot. Soc. Edinburgh* 22 (4): 428 (Sprague 1905).

VERNACULAR NAMES. — Pa: suwimba, suwimpa • Ka: siwinyani, suwinyani enekan • Wp: suwilani • Wn: osi epit • Nt: lebi pindya udu, pindya udu • Cr: bwa-dat • Br: lacre-branco.

HERBARIUM DATA (FG). — 108 collections at CAY. Sel. exs.: The type from French Guiana (not traced); *W.J. Hahn 3534*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.6$  cm.

[549] *Vismia gracilis* Hieron.

*Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 52 [9 Apr. 1895] (Hieronymus 1895). — *Caopia gracilis* Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 52 [9 Apr. 1895] (Hieronymus 1895).

*Vismia glaziovii* Ruhland, *Bot. Jahrb. Syst.* 30 (Beibl. 67): 27 [12 Mar. 1901] (Ruhland 1901).

*Vismia amazonica* Ewan, *Contr. U.S. Natl. Herb.* 35 (5): 355 [5 June 1962] (Ewan 1962).

*Vismia buchtienii* Ewan, *Contr. U.S. Natl. Herb.* 35 (5): 353 [5 June 1962] (Ewan 1962).

NOTE. — *Vismia gracilis* Hieron. and *Caopia gracilis* Hieron. were published simultaneously, but before 1953. Although alternative, both names are valid.

VERNACULAR NAMES. — Pa: suwimba, suwimpa • Wp: suwilani • Cr: bwa-dat • Br: lacre, pau-lacre.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier 2317*,  $dbh$  10 cm.

[550] *Vismia guianensis* (Aubl.) Choisy

*Prodr. Monogr. Hypéric.*: 34 [9 Mar. 1821] (Choisy 1821), “*guyanensis*”. — *Hypericum guianense* Aubl., *Hist. Pl. Guiane* 2: 784 [Jun.-Dec. 1775] (Aublet 1775), “*Guianense*”, “*Hipericum Guyannense*” on plate. — *Vismia guttifer* Pers. var. *guianensis* (Aubl.) Pers., *Syn. Pl. [Persoon]* 2 (1): 86 [Nov. 1806] (Persoon 1806). — *Caopia guianensis* (Aubl.) A.Lyons, *Pl. Nam.*, ed. 2: 94 (Lyons 1907), “*guaianensis*”.

*Hypericum acuminatum* Lam., *Encycl. [J. Lamarck et al.]* 4 (1): 150 [9 Feb. 1797] (Lamarck 1797). — *Vismia acuminata* (Lam.) Pers., *Syn. Pl. [Persoon]* 2 (1): 86 [Nov. 1806] (Persoon 1806). — *Caopia acuminata* (Lam.) Kuntze, *Revis. Gen. Pl.* 1: 59 [5 Nov. 1891] (Kuntze 1891). — *Vismia guianensis* var. *acuminata* (Lam.) M.E.Berg, *Bol. Mus. Paraense Emílio Goeldi, N.S., Bot.* 40: 7 (Berg 1971).

*Vismia caparosa* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 182 [25 Feb. 1822] (Kunth 1822).

*Vismia ferruginea* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 183 [25 Feb. 1822] (Kunth 1822).

VERNACULAR NAMES. — Ka: siwinyani, suwinyani, tamunen suwinyani • Wn: osi epit • Nt: pindya udu, weti pindya udu • Cr: bwa-dat • Fr: bois baptiste, bois dartre, bois de sang (*vide* Aublet 1775) • Br: lacre-vermelho, uchirana.

HERBARIUM DATA (FG). — 73 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000624909]).

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} = 5.8\%$ ;  $dbh_{\text{inv}} = 38.8$  cm.

[551] *Vismia latifolia* (Aubl.) Choisy  
(Fig. 25A)

*Prodr. Monogr. Hypéric.* 36 [9 Mar. 1821] (Choisy 1821). — *Hypericum latifolium* Aubl., *Hist. Pl. Guiane* 2: 787 [Jun.-Dec. 1775] (Aublet 1775). — *Caopia latifolia* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 58 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Ka: saipyalala • Wp: suwilani pilá • Wn: osi epit • Nt: lebi pindya udu, pindya udu • Cr: bwa-dat • Br: lacre, pau-lacre.

HERBARIUM DATA (FG). — 84 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4822*.

INVENTORY DATA (FG). — 12 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.2$  cm.

[552] *Vismia macrophylla* Kunth

*Nova genera et species plantarum [H.B.K.]* 5: 184 [25 Feb. 1822] (Kunth 1822).

*Hypericum reticulatum* Poir., *Encycl. [J. Lamarck et al.]* Suppl. 3: 694 [3 Sep. 1814] (Poiret 1814). — *Vismia reticulata* (Poir.) Choisy, *Prodr. Monogr. Hypéric.* 34 [9 Mar. 1821] (Choisy 1821).

*Vismia angusta* Miq., *Linnaea* 18: 27 [24-26 Oct. 1844] (Miquel 1844).

*Vismia macrophylla* var. *glabrescens* Hochr., *Annuaire Conserv. Jard. Bot. Genève* 21: 53 (Hochreutiner 1919).

VERNACULAR NAMES. — Pa: suwimba-purubumna, suwimpa-purubumna • Ka: saipyalala • Cr: bwa-dat • Br: lacre, pau-lacre.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4068*, 18 m × 15 cm.

[553] *Vismia ramuliflora* Miq.

*Stirp. Surinam. Select.*: 88 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Wn: pëmulimë.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2810*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 32.8$  cm.

[554] *Vismia sandwithii* Ewan

*Contr. U.S. Natl. Herb.* 35 (5): 309 [5 June 1962] (Ewan 1962).

VERNACULAR NAMES. — Pa: suwimba-ahavukune, suwimpa-ahauwukune • Wp: suwilani, suwilani wu • Wn: osi epit • Br: lacre-*vermelho-do-mato*.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 890*.

SIZE. — Up to 10 m tall (Pipoly *et al.* 1998).

[555] *Vismia sessilifolia* (Aubl.) Choisy

*Prodr. [A. P. de Candolle]* 1: 542 [mid Jan. 1824] (Choisy 1824). — *Hypericum sessilifolium* Aubl., *Hist. Pl. Guiane* 2: 787 [Jun.-Dec. 1775] (Aublet 1775). — *Caopia sessilifolia* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 59 [5 Nov. 1891] (Kuntze 1891). — *Vismia cayennensis* var. *sessilifolia* (Aubl.) M.E.Berg, *Acta Amazonica* 4 (3): 16 (Berg 1974).

*Hypericum rufescens* Lam., *Encycl. [J. Lamarck et al.]* 4 (1): 150 [9 Feb. 1797] (Lamarck 1797). — *Vismia rufescens* (Lam.) Pers., *Syn. Pl. [Persoon]* 2 (1): 86 [Nov. 1806] (Persoon 1806).

VERNACULAR NAMES. — Pa: suwimba-kamwi, suwimpa-kamwi • Ka: talukuwa epi • Wp: kuya lâ • Fr: bois baptiste, bois dartre, bois de sang (*vide* Aublet 1775).

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000624924], G-DC[G00209682]).

INVENTORY DATA (FG). — 21 trees in 14 plots;  $F_{\max} = 3.8\%$ ;  $dbh_{\text{inv}} = 33.7$  cm.

Family IXONANTHACEAE Planch. ex Miq.  
Genus *Cyrillopsis* Kuhlman.

[556] *Cyrillopsis paraensis* Kuhlman.  
(Fig. 25B)

*Arch. Jard. Bot. Rio de Janeiro* 4: 357 (Kuhlmann 1925).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.-F. Molino 3429*.

INVENTORY DATA (FG). — 53 trees in 20 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 63.4$  cm.

Family LACISTEMATACEAE Mart.  
Genus *Lacistema* Sw.

[557] *Lacistema aggregatum* (P.J.Bergius) Rusby

*Bull. New York Bot. Gard.* 4 (14): 447 [7 Dec. 1907] (Rusby 1907). — *Piper aggregatum* P.J.Bergius, *Acta Helv. Phys.-Math.* 7: 131 (Bergius 1772). — *Lacistema myricoides* Sw., *Prodr. [Swartz]* 12 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Piper aggregatum*).

*Nematospermum laevigatum* Rich., *Actes Soc. Hist. Nat. Paris* 1: 105 [Oct. 1792] (Richard 1792).

*Synzyganthera purpurea* Ruiz & Pav., *Fl. Peruv. Prodr.*: 137 [early Oct. 1794] (Ruiz & Pavón 1794). — *Didymandra purpurea* (Ruiz & Pav.) Willd., *Sp. Pl.*, ed. 4 4 (2): 971 [Apr. 1806] (Willdenow 1806), *nom. illeg. superfl.* (genus name superfluous, based on the type of *Synzyganthera* Ruiz & Pav.). — *Lacistema purpureum* (Ruiz & Pav.) A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 593 [mid July 1868] (Candolle 1868).

*Piper fasciculare* Rudge, *Pl. Guian. [Rudge]* 1 (1): t. 4 [Apr. 1805] (Rudge 1805).

*Lacistema floribundum* Miq., *Linnaea* 18: 24 [24-26 Oct. 1844] (Miquel 1844), “*floribunda*”.

*Lacistema elongatum* Schnizl., *Fl. Bras. [Martius]* 4 (1): 282 [28 Feb. 1857] (Schnizlein 1857).

*Lacistema angustum* Schnizl., *Fl. Bras. [Martius]* 4 (1): 283 [28 Feb. 1857] (Schnizlein 1857).

*Lacistema recurvum* Schnizl., *Fl. Bras. [Martius]* 4 (1): 283 [28 Feb. 1857] (Schnizlein 1857).

*Lacistema myricoides* var. *stipitatum* A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 592 [mid July 1868] (Candolle 1868).

*Lacistema coriaceum* A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 593 [mid July 1868] (Candolle 1868).

*Lacistema poeppigii* A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 593 [mid July 1868] (Candolle 1868).

*Lacistema bolivianum* Gand., *Bull. Soc. Bot. France* 66 (7): 288 [“1919” publ. 1920] (Gandoger 1920).

*Lacistema guyanense* Gand., *Bull. Soc. Bot. France* 66 (7): 288 [“1919” publ. 1920] (Gandoger 1920).

*Lacistema rosidiscum* J.F.Macbr., *Candollea* 5: 392 (Macbride 1934).

*Lacistema curtum* J.F.Macbr., *Candollea* 5: 393 (Macbride 1934).

*Lacistema orinocense* Baehni, *Candollea* 8: 43 (Baehni 1940).

*Lacistema weberbaueri* Baehni, *Candollea* 8: 46 (Baehni 1940).

*Lacistema aggregatum* var. *elongatum* Maguire, *Bull. Torrey Bot. Club* 75 (3): 293 [May-June 1948] (Maguire 1948).

*Lacistema occidentale* Cuatrec., *Fieldiana, Bot.* 27 (1): 93 (Cuatrecasas 1950).

*Lacistema pacificum* Cuatrec., *Fieldiana, Bot.* 27 (1): 93 (Cuatrecasas 1950).

NOTE. — The type of *Didymandra* Willd. is that of *Synzyganthera* Ruiz & Pav., thus both *Didymandra* and *D. purpurea* (Ruiz & Pav.) Willd. are superfluous.

VERNACULAR NAMES. — Pa: agagut, ararut • Wp: inámu sī, inámusī wila, tatumila sili, yape'a pitā sili.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2419*.

INVENTORY DATA (FG). — 41 trees in 18 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 24.6$  cm.

[558] *Lacistema grandifolium* Schnizl.

*Fl. Bras. [Martius]* 4 (1): 284 [28 Feb. 1857] (Schnizlein 1857).

VERNACULAR NAMES. — Pa: tahuma • Wp: mulei sili.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (original material G[G00165292, G00202465]).

INVENTORY DATA (FG). — 41 trees in 28 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.5$  cm.

[559] *Lacistema polystachyum* Schnizl.  
(Fig. 25C)

*Fl. Bras. [Martius]* 4 (1): 284 [28 Feb. 1857] (Schnizlein 1857).

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2367*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.6$  cm.

[560] *Lacistema pubescens* Mart.

*Nova genera et species plantarum [Martius]* 1 (4): 155 [“1824” publ. Jan.-Mar. 1826] (Martius 1826).

*Lacistema ellipticum* Schnizl., *Fl. Bras. [Martius]* 4 (1): 285 [28 Feb. 1857] (Schnizlein 1857).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4891*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.8$  cm.

Family LAMIACEAE Martinov  
Genus *Aegiphila* Jacq.

[561] *Aegiphila integrifolia* (Jacq.) B.D.Jacks.

*Index Kew.* 1 (1): 46 [6 Sep. 1893] (Jackson 1893). — *Callicarpa integrifolia* Jacq., *Enum. Syst. Pl.*: 12 [Aug.-Sep. 1760] (Jacquin 1760).

*Manabea arborescens* Aubl., *Hist. Pl. Guiane* 1: 64 [Jun.-Dec. 1775] (Aublet 1775). — *Aegiphila arborescens* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 259 [late Sep.-Nov. 1791] (Gmelin 1791).

*Callicarpa globiflora* Ruiz & Pav., *Flora Peruviana* 1: 49 (Ruiz & Pavón 1798).

*Callicarpa discolor* Willd. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 257 (Steudel 1840), *nom. nud. pro syn.*

*Aegiphila arborescens* var. *longiflora* Schauer, *Prodr. [A. P. de Candolle]* 11: 649 [25 Nov. 1847] (Schauer 1847).

*Aegiphila arborescens* var. *breviflora* Schauer, *Prodr. [A. P. de Candolle]* 11: 649 [25 Nov. 1847] (Schauer 1847).

*Aegiphila guianensis* Moldenke, *Repert. Spec. Nov. Regni Veg.* 33: 125 (Moldenke 1933).

*Aegiphila parviflora* Moldenke, *Repert. Spec. Nov. Regni Veg.* 33: 135 (Moldenke 1933).

*Aegiphila arborea* Spruce ex Moldenke, *Phytologia* 1 (5): 206 [1 Mar. 1937] (Moldenke 1937), *nom. nud. pro syn.*

*Aegiphila amazonica* Moldenke, *Phytologia* 1 (11): 378 [6 Sept 1940] (Moldenke 1940).

*Aegiphila cowanii* Moldenke, *Phytologia* 27 (1): 63 [Oct. 1973] (Moldenke 1973).

*Aegiphila integrifolia* var. *lopez-palacii* Moldenke, *Phytologia* 36: 53 [June 1977] (Moldenke 1977).

VERNACULAR NAMES. — Pa: aigvan-kamwi • Cr: bwa-tabak, féy-tabak.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lectotype of *Manabea arborescens* P-JJR[P00777561] designated by Lanjouw & Uittien [1940: 152]).

SIZE. — Venezuela. *L. Marcano-Berti 244-981* (MO), 12 m.

[562] *Aegiphila villosa* (Aubl.) J.F.Gmel.

*Syst. Nat.*, ed. 13[bis], 2 (1): 259 [late Sep.-Nov. 1791] (Gmelin 1791). — *Manabea villosa* Aubl., *Hist. Pl. Guiane* 1: 61 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Pa: aigvan, audika-retni-seine • Wp: a'i makule • Cr: bwa-tabak, féy-tabak • Br: camaá, cambara.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000598566]); *R.A.A. Oldeman B-2398*, 11 m × 25 cm

Genus *Vitex* L.

[563] *Vitex compressa* Turcz.

*Bull. Soc. Imp. Naturalistes Moscou* 36 (3): 224 (Turczaninow 1863).

*Vitex brittoniana* Moldenke, *Torreya* 33: 67 (Moldenke 1933).

*Vitex compressa* f. *angustifolia* Moldenke, *Phytologia* 47 (1): 17 [13 Nov. 1980] (Moldenke 1980).

VERNACULAR NAMES. — Ka: kwa'iyán, kwailán • Nt: pakila udu.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M. Fleury 567*.

SIZE. — Up to 30 m tall (Jansen-Jacobs 1988).



FIG. 25. — Hypericaceae: **A**, *Vismia latifolia* (Aubl.) Choisy. Ixonanthaceae: **B**, *Cyrillopsis paraensis* Kuhl. (*J.-F. Molino 3429*). Lacistemataceae: **C**, *Lacistema polystachyum* Schnizl. (*J.-F. Molino & D. Sabatier 2367*). Lamiaceae: **D**, *Vitex guianensis* Moldenke (*D. Sabatier 2332*). A, D, © D. Sabatier/IRD; B, C, © J.-F. Molino/IRD.

[564] *Vitex guianensis* Moldenke  
(Fig. 25D)

*Phytologia* 1 (15): 486 [Jan. 1941] (Moldenke 1941).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier 1220*.

INVENTORY DATA (FG). — 19 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 86.6$  cm.

[565] *Vitex orinocensis* Kunth var. *multiflora* (Miq.) Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 217 (Huber 1908). — *Vitex multiflora* Miq., *Linnaea* 18: 739 [“1844” publ. Aug.-Oct. 1845] (Miquel 1845).

HERBARIUM DATA (FG). — A single collection, *M.-F. Prévost 1460*.

SIZE. — Up to 20 m tall (Jansen-Jacobs 1988).

[566] *Vitex stabelii* Moldenke

*Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk.*, Sect. 2, 30: 310 (Moldenke 1940).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: tayi lã.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *F. Billet & B. Jadin 1431*.

SIZE. — Up to 40 m tall (Jansen-Jacobs 1988).

[567] *Vitex triflora* Vahl

*Eclog. Amer.* 2: 49 (Vahl 1798).

*Pyrostoma ternatum* G.Mey., *Prim. Fl. Esseq.* 220 [Nov. 1818] (Meyer 1818), “*ternata*”.

*Casarettoa diversifolia* Walp., *Repert. Bot. Syst. [Walpers]* 4 (1): 92 [25-28 June 1845] (Walpers 1847), *nom. illeg. superfl.* (based on *Vitex triflora*).

*Macrostegia ruiziana* Nees, *Prodr. [A. P. de Candolle]* 11: 218 [25 Nov. 1847] (Nees 1847).

*Ruellia macrocalyx* Ruiz ex Nees, *Prodr. [A. P. de Candolle]* 11: 218 [25 Nov. 1847] (Nees 1847), *nom. nud. pro syn.*

*Vitex triflora* var. *angustiloba* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 215 (Huber 1908).

*Vitex triflora* var. *coriacea* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 215 (Huber 1908).

*Vitex triflora* var. *floribunda* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 215 (Huber 1908).

*Vitex triflora* var. *kraatzii* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 216 (Huber 1908).

*Vitex triflora* var. *tenuifolia* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (1): 214 (Huber 1908).

*Vitex triflora* var. *quinquefoliolata* Moldenke, *Phytologia* 1 (2): 104 [4 Aug. 1934] (Moldenke 1934). — *Vitex triflora* f. *quinquefoliolata* (Moldenke) Moldenke, *Phytologia* 44 (6): 384 [11 Dec. 1979] (Moldenke 1979).

*Vitex triflora* var. *hirsuta* Moldenke, *Phytologia* 23 (3): 315 [31 May 1972] (Moldenke 1972).

VERNACULAR NAMES. — Pa: kwairu-kamwi • Wp: tayi lá • Wn: wilimë • Nt: madyo uman wiwii, madyoma uwii • Br: pau-d'arco-rana, tarumã.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *J.P.B. von Robr s.n.* (original material B, B -W 11701 -02 0).

INVENTORY DATA (FG). — 30 trees in 28 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17$  cm.

Family LAURACEAE Juss.  
Genus *Aiouea* Aubl.

[568] *Aiouea guianensis* Aubl.  
(Fig. 26A)

*Hist. Pl. Guiane* 1: 311 [Jun.-Dec. 1775] (Aublet 1775). — *Laurus hexandra* Willd., *Sp. Pl.*, ed. 4 2 (1): 482 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Aiouea guianensis*). — *Douglasia laurina* Sm., *Cycl. [Rees]* 12: (Douglassia no. 1) [14 Feb. 1809] (Smith 1809), *nom. illeg. superfl.* (based on *Aiouea guianensis*).

*Laurus difformis* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792).

*Aiouea tenella* Nees, *Linnaea* 21: 512 (Nees 1848).

*Aiouea schomburgkii* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 82 [May 1864] (Meisner 1864).

*Aiouea rubra* A.C.Sm., *Phytologia* 1 (3): 115 [21 Jan. 1935] (Smith 1935).

*Aiouea demerarensis* Kosterm., *Recueil Trav. Bot. Néerl.* 35: 77 (Kostermans 1938).

NOTES. — *L.C. Richard s.n.* (B-W, B -W 07804 -00 0; LE[LE00012694; P[P02004886]) was used by Willdenow (1799: 482) to illustrate his *Laurus hexandra*. It has a label with exactly the same description as in the protologue (“*Laurus hexandra foliis lanceolatis, racemis axillaribus, floribus hexandris. Sp. pl. 2 p. 482*”). Nonetheless, this is a specimen of *Aniba guianensis* Aubl., not *Aiouea guianensis* Aubl. (see notes under *Aniba guianensis*).

VERNACULAR NAMES. — Pa: panauna-puvemna.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P[P00128374, P00662841]).

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.6$  cm.

[569] *Aiouea impressa* (Meisn.) Kosterm.

*Recueil Trav. Bot. Néerl.* 35: 75 (Kostermans 1938). — *Phoebe impressa* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 33 [May 1864] (Meisner 1864). — *Endlicheria impressa* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 132 (Mez 1889). — *Cinnamomum impressum* (Meisn.) Kosterm., *Reinwardtia* 10 (5): 444 (Kostermans 1988).

*Aiouea minutiflora* Coe-Teix., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 34: 1 (Coe-Teixeira 1970).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* “*Cayenne 31*” (original material G[G00368709], L[L0035523]).

SIZE. — Up to 20 m tall (Renner 1982).

[570] *Aiouea longipetiolata* van der Werff

*Novon* 4 (1): 61 [spring 1994] (van der Werff 1994).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: panauna-kamwi • Wp: yakami ka'a, yakami'i.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *S.A. Mori et al.* 20758 (holo-, MO[MO-247078]; iso-, CAY[CAY027837], NY[00022599], P[P00745701], U[U0002590], US[00754392]).

INVENTORY DATA (FG). — 26 trees in 16 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 55.4$  cm.

[571] *Aiouea montana* (Sw.) R.Rohde

*Taxon* 66 (5): 1102 [publ. 24 Oct. 2017] (Rohde 2017). — *Laurus montana* Sw., *Prodr. [Swartz]* 65 [20 Jun.-29 July 1788] (Swartz 1788). — *Cinnamomum montanum* (Sw.) J.Presl, *Přir. Rostlin* 2: 36 (Presl 1825). — *Persea montana* (Sw.) Spreng., *Syst. Veg. [Sprengel]* 2: 268 [Jan.-May 1825] (Sprengel 1825). — *Phoebe montana* (Sw.) Griseb., *Pl. Wright. [Grisebach]* 1: 187 [Dec. 1860] (Grisebach 1860).

*Laurus triplinervis* Ruiz & Pav., *Flora Peruviana* 4: t. 363 [1804-1830] (Ruiz & Pavón 1804). — *Phoebe peruviana* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 32 [May 1864] (Meisner 1864), *nom. illeg. superfl.* (based on *Laurus triplinervis*). — *Phoebe triplinervis* (Ruiz & Pav.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 211 (Mez 1889), *nom. illeg. hom., non* Griseb. (Grisebach 1860) [synonym of *Cinnamomum grisebachii* Lorea-Hern.]. — *Cinnamomum tripl-*

- linerve* (Ruiz & Pav.) Kosterm., *Reinwardtia* 6 (1): 24 (Kostermans 1961), “*triplinervis*”.
- Persea cinnamomifolia* Kunth, *Nova genera et species plantarum* [H.B.K.] 2: 160 [8 Dec. 1817] (Kunth 1818). — *Phoebe cinnamomifolia* (Kunth) Nees, *Linnaea* 21: 488 (Nees 1848). — *Phoebe granatensis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 32 [May 1864] (Meisner 1864), *nom. illeg. superfl.* (based on *Persea cinnamomifolia*). — *Cinnamomum cinnamomifolium* (Kunth) Kosterm., *Reinwardtia* 6 (1): 20 (Kostermans 1961).
- Phoebe elongata* Nees, *Syst. Laur.*: 116 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Laurus elongata* Vahl ex Nees, *Syst. Laur.*: 116 [30 Oct.-5 Nov. 1836] (Nees 1836), *nom. nud. pro syn.* — *Cinnamomum elongatum* (Nees) Kosterm., *Reinwardtia* 6 (1): 21 (Kostermans 1961), *nom. illeg. hom., non Saporta* (1889) *nec Usnadze* (1949).
- Phoebe maynensis* Nees, *Syst. Laur.*: 118 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Phoebe peruviana* var. *glabriflora* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 32 [May 1864] (Meisner 1864), *nom. illeg. superfl.* (based on *Phoebe maynensis*). — *Cinnamomum maynense* (Nees) Kosterm., *Reinwardtia* 6 (1): 22 (Kostermans 1961).
- Phoebe cubensis* Nees, *Syst. Laur.*: 120 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Phoebe antillana* Meisn. var. *cubensis* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 31 [May 1864] (Meisner 1864). — *Phoebe triplinervis* var. *cubensis* (Nees) C. Wright, *Anales Acad. Ci. Med. Habana* 7: 347 [15 Nov. 1870] (Wright 1870). — *Cinnamomum cubense* (Nees) Kosterm., *Reinwardtia* 6 (1): 21 (Kostermans 1961), “*cubensis*”.
- Phoebe valenzuelana* A. Rich., *Hist. Fis. Cuba, Bot.* 11: 185 (Richard 1850). — *Persea triplinervis* (Griseb.) M. Gómez var. *valenzuelana* (A. Rich.) M. Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.*: 25 (Gómez 1889).
- Oreodaphne alba* A. Rich., *Hist. Fis. Cuba, Bot.* 11: 189 (Richard 1850).
- Phoebe mexicana* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 31 [May 1864] (Meisner 1864). — *Persea mexicana* (Meisn.) Hemsl., *Biol. Cent.-Amer., Bot.* 3 (14): 72 [Oct. 1882] (Hemsley 1882). — *Cinnamomum mexicanum* (Meisn.) Kosterm., *Reinwardtia* 6 (1): 22 (Kostermans 1961).
- Phoebe poeppigii* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 33 [May 1864] (Meisner 1864).
- Phoebe brasiliensis* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 198 (Mez 1889).
- Phoebe mexicana* var. *bourgeauana* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 214 (Mez 1889). — *Cinnamomum brasiliense* (Mez) Kosterm., *Reinwardtia* 6 (1): 20 (Kostermans 1961), “*brasiliensis*”.
- Phoebe heterotepala* Mez, *Repert. Spec. Nov. Regni Veg.* 3: 67 (Mez 1906). — *Cinnamomum heterotepalum* (Mez) Kosterm., *Reinwardtia* 6 (1): 21 (Kostermans 1961).
- Phoebe paraguariensis* Hassl., *Annuaire Conserv. Jard. Bot. Genève* 21: 79 (Hassler 1919). — *Cinnamomum paraguariense* (Hassl.) Kosterm., *Reinwardtia* 6 (1): 22 (Kostermans 1961), “*paraguariensis*”.
- Ocotea flavescens* Rusby, *Descr. S. Amer. Pl.*: 20 [20 Dec. 1920] (Rusby 1920).
- Phoebe pichisensis* A.C.Sm., *Bull. Torrey Bot. Club* 58 (2): 103 [Feb. 1931] (Smith 1931). — *Cinnamomum pichisense* (A.C.Sm.) Kosterm., *Reinwardtia* 6 (1): 23 (Kostermans 1961), “*pichisensis*”.
- Phoebe johnstonii* C.K.Allen, *J. Arnold Arbor.* 26 (4): 433 [15 Oct. 1945] (Allen 1945). — *Cinnamomum johnstonii* (C.K.Allen) Kosterm., *Reinwardtia* 6 (1): 21 (Kostermans 1961).
- Cinnamomum chana* Vattimo-Gil, *Arch. Jard. Bot. Rio de Janeiro* 17: 223 (Vattimo-Gil 1962).
- Cinnamomum australe* Vattimo-Gil, *Arch. Jard. Bot. Rio de Janeiro* 17: 224 (Vattimo-Gil 1962).
- Cinnamomum xinguense* Vattimo-Gil, *Arch. Jard. Bot. Rio de Janeiro* 17: 224 (Vattimo-Gil 1962).
- Phoebe filamentosa* C.K.Allen, *Mem. New York Bot. Gard.* 15: 69 (Allen 1966). — *Cinnamomum filamentosum* (C.K.Allen) Kosterm., *Reinwardtia* 7 (5): 461 (Kostermans 1969).
- Cinnamomum portosecurianum* Vattimo-Gil, *Anais 15 Congr. Soc. Bot. Brasil*: 170 (Vattimo-Gil 1967).
- Phoebe pickellii* Coe-Teix., *Hoehnea* 1: 187 (Coe-Teixeira 1971), “*pickelli*”. — *Cinnamomum pickellii* (Coe-Teix.) Kosterm., *Reinwardtia* 10 (5): 448 (Kostermans 1988).
- Phoebe fruticosa* Lundell, *Wrightia* 5 (9): 342 (Lundell 1977). — *Cinnamomum fruticosum* (Lundell) Kosterm., *Reinwardtia* 10 (5): 443 (Kostermans 1988).
- Cinnamomum peruvianum* Kosterm., *Reinwardtia* 10 (5): 448 (Kostermans 1988).
- Cinnamomum phoebe* Doweld, *Phytotaxa* 243 (2): 191 [epubl. 12 Jan. 2016] (Doweld 2016).
- HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: S.A. Mori et al. 15024.
- INVENTORY DATA (FG). — 1 tree, dbh = 15.4 cm.
- [572] *Aiouea opaca* van der Werff
- Brittonia* 47 (4): 372 (van der Werff 1995).
- NOTE. — Known only from French Guiana.
- HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: S.A. Mori et al. 20928 (holo-, MO[MO-247076]; iso-, CAY[CAY027842], NY[00214355], P[P00745702], U[U0002592], US[00478967]).
- INVENTORY DATA (FG). — 16 trees in 5 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 37.7 cm.
- Genus *Aniba* Aubl.
- [573] *Aniba affinis* (Meisn.) Mez
- Jahrb. Königl. Bot. Gart. Berlin* 5: 63 (Mez 1889). — *Aydendron affine* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 92 [May 1864] (Meisner 1864).
- HERBARIUM DATA (FG). — A single collection, J.-J. de Granville et al. 10796.
- SIZE. — Up to 15 m tall (Kubitzki 1982).

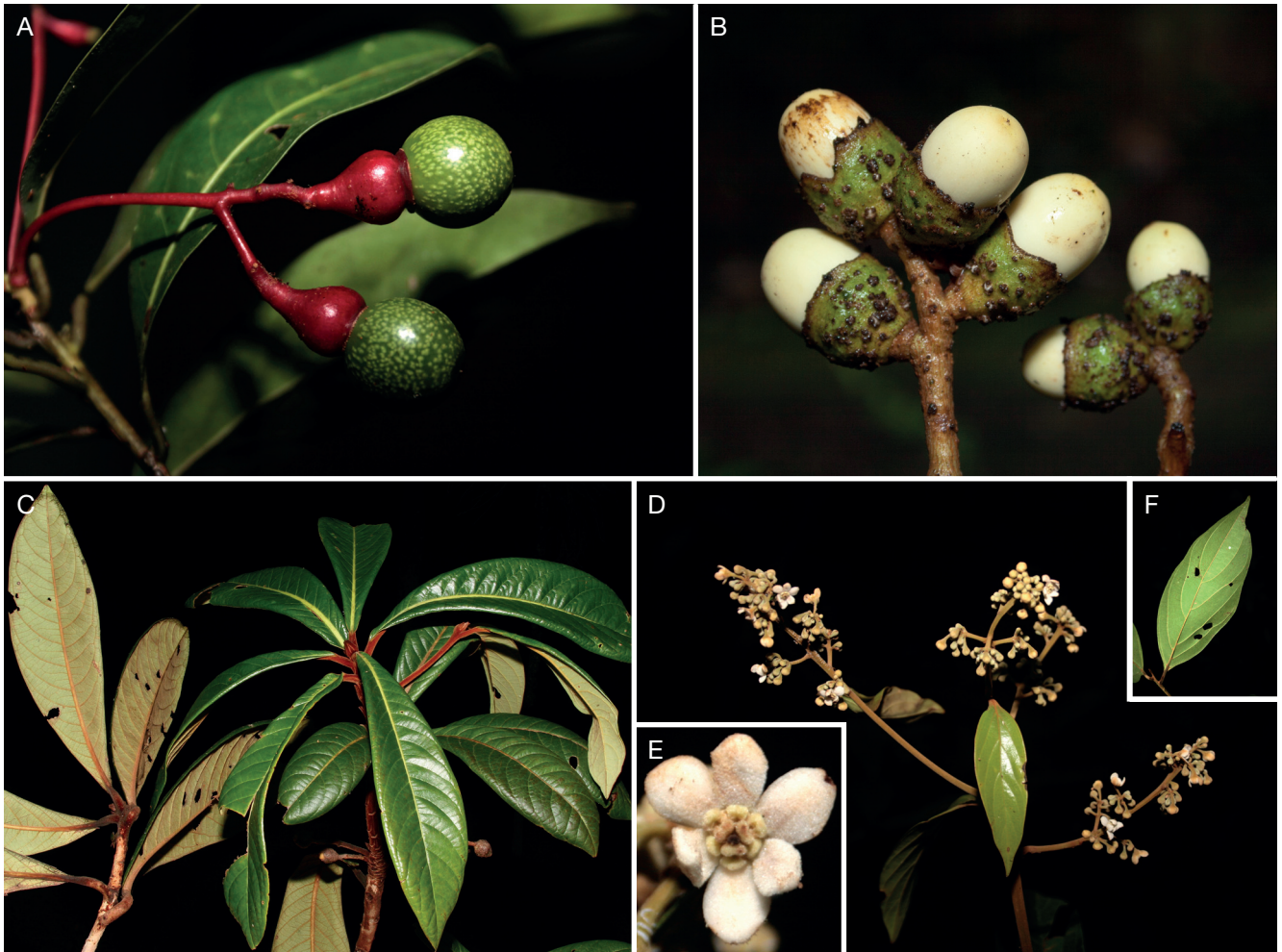


FIG. 26. — Lauraceae: **A**, *Aiuoea guianensis* Aubl. (J.-F. Molino *et al.* 3371); **B**, *Aniba megaphylla* Mez (J.-F. Molino & D. Sabatier 2834); **C**, *Aniba williamsii* O.C.Schmidt (D. Sabatier & E. Fonty 5662); **D-F**, *Nectandra matogrossensis* Coe-Teix. (J.-F. Molino *et al.* 3406). A, B, D-F, © J.-F. Molino/IRD; C, © D. Sabatier/IRD.

[574] *Aniba citrifolia* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 74 (Mez 1889). — *Aydendron citrifolium* Nees, *Syst. Laur.* 257 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Aydendron trinitatis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 91 [May 1864] (Meisner 1864). — *Aniba trinitatis* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 68 (Mez 1889).

*Aniba muelleriana* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 72 (Mez 1889), “*Mülleriana*”.

*Cryptocarya pachycarpa* Gleason, *Bull. Torrey Bot. Club* 54 (8): 607 [Nov. 1927] (Gleason 1927).

*Aniba opaca* A.C.Sm., *Bull. Torrey Bot. Club* 61 (4): 191 [Apr. 1934] (Smith 1934).

VERNACULAR NAMES. — Pa: kudagman, kudagman-purubumna • Te: uwahe pitäg • Wp: ayü’i tawa, iwa’e • Nt: bamba apisi • Cr: sèd • Fr: cèdre.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *F.M.R. Leprieur* 224 (original material of *Aniba muelleriana*: G[G00368670], P[P00745591, P00745592]).

INVENTORY DATA (FG). — 33 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.4$  cm.

[575] *Aniba guianensis* Aubl.

*Hist. Pl. Guiane* 1: 327 [Jun.-Dec. 1775] (Aublet 1775). — *Cedrota guianensis* (Aubl.) Raeusch., *Nomencl. Bot. [Raeusch.]* ed. 3: 111 (Raeuschel 1797). — *Cedrota longifolia* Willd., *Sp. Pl.*, ed. 4 2 (1): 338 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Aniba guianensis*).

*Aniba salicifolia* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 71 (Mez 1889).

*Aniba tessmannii* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 226 [30 Mar. 1928] (Schmidt 1928).

NOTES. — Excluded synonyms: *Aydendron salicifolium* (Sw.) Nees [syn. nov. of *Licaria parvifolia* (Lam.) Kosterm.] and its basionym *Laurus salicifolia* Sw. Kubitzki (1982: 45) placed “*Aydendron salicifolium* Nees” and “*Aniba salicifolia* (Nees) Mez” in synonymy under *Aniba guianensis* Aubl. Actually, although Nees misinterpreted *L. salicifolia* (synonym of *Licaria parvifolia*, a Caribbean taxon), and based his description of *Aydendron salicifolium* on a French Guianan collection of *Aniba guianensis* (L.C. Richard s.n. [B-W, B-W07804-000; LE[LE00012694; P[P02004886], see also notes under *Aiuoea guianensis*), he explicitly referred to *L. salicifolia* and to its type. Therefore, he effectively transferred *L. salicifolia* into *Aydendron*. Later, when transferring *Aydendron salicifolium* into

*Aniba*, Mez (1889: 71) excluded *L. salicifolia* from synonymy. He thereby created a new name for the Guianan species.

VERNACULAR NAMES. — Wp: ayü'i sili, ayü'i tawa • Cr: sèd-kannel.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000617483]).

INVENTORY DATA (FG). — 39 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[576] *Aniba hostmanniana* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 67 (Mez 1889). — *Aydendron hostmannianum* Nees, *Linnaea* 21: 499 (Nees 1848).

*Aniba gigantifolia* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 225 [30 Mar. 1928] (Schmidt 1928).

*Aniba pittieri* O.C.Schmidt, *Repert. Spec. Nov. Regni Veg.* 31: 168 (Schmidt 1933).

VERNACULAR NAMES. — Ka: apotono ali, siduwapali, sipilupipyo, waikyala • Wp: kule'i sī, pilapuku'i • Wn: kaikui amoman • Nt: bamba apisi • Cr: sèd-marikaj • Fr: cèdre marécage • Br: louro-capitiu.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *Service Forestier* 7816.

SIZE. — Up to 20 m tall (Kubitzki 1982).

[577] *Aniba jenmanii* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 70 (Mez 1889), "Jenmani".

*Aniba castanea* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 45 (Allen 1964).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier* 4370.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.9$  cm.

[578] *Aniba kappleri* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 52 (Mez 1889).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: siduwapali.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 3333.

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.4$  cm.

[579] *Aniba megaphylla* Mez  
(Fig. 26B)

*Jahrb. Königl. Bot. Gart. Berlin* 5: 67 (Mez 1889).

*Aniba anisosepala* Sandwith, *Bull. Misc. Inform. Kew* 1933 (7): 336 [25 Sep. 1933] (Sandwith 1933).

*Aniba koumaroucapa* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 24 (Kostermans 1936). — *Laurus koumaroucapa* Rich. ex Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 24 (Kostermans 1936), *nom. nud. pro syn.*

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *F.M.R. Leprieur* 225 (holo-, P[P00745605]; iso-, F[V0061345F], G[G00368662], P[P00745604]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.5$  cm.

[580] *Aniba panurensis* (Meisn.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 58 (Mez 1889). — *Aydendron panurense* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 89 [May 1864] (Meisner 1864).

*Aniba gonggrijpii* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 31 (Kostermans 1936).

*Aniba mas* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 31 (Kostermans 1936).

VERNACULAR NAMES. — Ka: sipilulan.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier et al.* 4604.

INVENTORY DATA (FG). — 19 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[581] *Aniba parviflora* (Meisn.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 56 (Mez 1889). — *Aydendron parviflorum* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 90 [May 1864] (Meisner 1864).

VERNACULAR NAMES. — Pa: sedri-kamwi-seine • Nt: bwadiwosu • Br: louro-puxuri.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 3352.

INVENTORY DATA (FG). — 33 trees in 21 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 50.3$  cm.

[582] *Aniba riparia* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 62 (Mez 1889). — *Aydendron riparium* Nees, *Linnaea* 21: 497 (Nees 1848).

VERNACULAR NAMES. — Ka: siduwapali.

HERBARIUM DATA (FG). — A single collection, *C. Feuillet* 10338 (US).

SIZE. — Up to 16 m tall (Kubitzki 1982).

[583] *Aniba rosodora* Ducke

*Rev. Bot. Appl. Agric. Colon.* 88: 845 [Dec. 1928] (Ducke 1928), "rosaeodora".

*Aniba rosodora* var. *amazonica* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 83 (Ducke 1930), "rosaeodora".



*Aniba duckei* Kosterm., *Recueil Trav. Bot. Néerl.* 35: 924 (Kostermans 1938).

NOTE. — Epithet corrected according to Art. 60.10 and Rec. 60G.1 (a), of the Shenzhen Code (Turland *et al.* 2018).

VERNACULAR NAMES. — Pa: sedri-eminyo • Wp: áyū'i tawa, pauteloso • Wn: matolosi, mijetaimë • Nt: bwadiwosu • Cr: bwa-dé-ròz • Fr: bois de rose • Br: pau-rosa.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost 3301*.

INVENTORY DATA (FG). — 15 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.8$  cm.

[584] *Aniba taubertiana* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 65 (Mez 1889).

*Aniba simulans* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 51 (Allen 1964).

VERNACULAR NAMES. — Ka: tamunen wonu • Wp: áyū'i piye.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, B[not seen, photo F neg. N° 3809]; iso-, BM[BM000617490], CAS[CAS0026940], F[V0061352F], G[G00368692], GH[GH00056912], K[K000601899, K000601900], NY[00354852, 00354853], P[P00745619, P00745620, P00745621], US[00099455]).

INVENTORY DATA (FG). — 67 trees in 54 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 32.9$  cm.

[585] *Aniba terminalis* Ducke

*Rev. Bot. Appl. Agric. Colon.* 88: 846 [Dec. 1928] (Ducke 1928).

VERNACULAR NAMES. — Ka: siduwapali.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5099*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 12.3$  cm.

[586] *Aniba williamsii* O.C.Schmidt  
(Fig. 26C)

*Repert. Spec. Nov. Regni Veg.* 31: 169 (Schmidt 1933).

*Aniba murcana* C.K.Allen, *Mem. New York Bot. Gard.* 15: 57 (Allen 1966).

VERNACULAR NAMES. — Wp: kule'i • Br: louro-abacate.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & E. Fonty 5662*.

INVENTORY DATA (FG). — 20 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

[587] *Aniba* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & E. Fonty 5591*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.3$  cm.

[588] *Aniba* sp. B

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & M.-F. Prévost 1917*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.5$  cm.

[589] *Aniba* sp. C

HERBARIUM DATA (FG). — A single collection, *S.A. Mori & T.D. Pennington 18052*.

SIZE. — Up to 18 m tall (Werff 2002, as *Rhodostemonodaphne* sp. 1).

Genus *Beilschmiedia* Nees

[590] *Beilschmiedia hexanthera* van der Werff

*Brittonia* 47 (4): 374 (van der Werff 1995).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *H. van der Werff et al. 12951* (holo-, MO[MO-276584]; iso-, B[B100247471], BM[BM000588156, BM000588157], CAY[CAY184925], MO[MO-276583], NY[00214380], U[U0008155], XAL[XAL0091566]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 37.6$  cm.

Genus *Cryptocarya* R.Br.

[591] *Cryptocarya guianensis* Meisn.

*Prodr. [A. P. de Candolle]* 15 (1): 75 [May 1864] (Meisner 1864).

*Cryptocarya maroniensis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 30: 510 (Benoist 1924).

*Cryptocarya nigropunctata* Vattimo-Gil, *Rodriguésia* 25: 222 (Vattimo-Gil 1966).

VERNACULAR NAMES. — Pa: wen-kamwi • Wp: iwa pane • Cr: sèd-marikaj • Br: caa-xió, caiaxió.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *M.E. Moricand 113* (lecto-, G-DC[not seen], designated by Moraes [2005: 791]; isolecto-, G[G00418990, G00418997]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 22.4$  cm.

Genus *Damburneya* Raf.

[592] *Damburneya purpurea* (Ruiz & Pav.) Trofimov

*Taxon* 65 (5): 991 [27 Oct. 2016] (Trofimov 2016). — *Laurus purpurea* Ruiz & Pav., *Flora Peruviana* 4: t. 351 [1804-1830] (Ruiz & Pavón 1804). — *Nectandra purpurea* (Ruiz & Pav.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 443 (Mez 1889).

*Ocotea latifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 165 [8 Dec. 1817] (Kunth 1818). — *Persea latifolia* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 2: 270 [Jan.-May 1825] (Sprengel 1825). — *Nectandra latifolia* (Kunth) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 454 (Mez 1889).

*Nectandra polita* Nees & Mart., *Syst. Laur.* 325 [30 Oct.-5 Nov. 1836] (Nees & Martius 1836).

*Nectandra polita* var. *oerstedii* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 164 [May 1864] (Meisner 1864).

*Ocotea flexuosa* Rusby, *Descr. S. Amer. Pl.* 21 [20 Dec. 1920] (Rusby 1920).

VERNACULAR NAMES. — Pa: akamna, akamnā, akapna.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24258.

SIZE. — Peru, Amazonas. *T.D. Pennington & A. Daza Yomona* 17839 (MO), 10 m × 20 cm.

### Genus *Endlicheria* Nees

#### [593] *Endlicheria bracteolata* (Meisn.) C.K.Allen

*Mem. New York Bot. Gard.* 10 (5): 64 (Allen 1964). — *Goepertia sericea* (Nees) Nees var. *bracteolata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 174 [May 1864] (Meisner 1864).

VERNACULAR NAMES. — Wp: áyũ'í alapitá milá • Br: louro-peludo.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3580*.

SIZE. — Up to 15 m tall (Chanderbali 2004).

#### [594] *Endlicheria canescens* Chanderb.

*Novon* 6 (4): 328 [winter 1996] (Chanderbali 1996).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2438.

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.6$  cm.

#### [595] *Endlicheria chalisea* Chanderb.

*Novon* 6 (4): 329 [winter 1996] (Chanderbali 1996).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S. Barrier* 4026.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.9$  cm.

#### [596] *Endlicheria melinonii* Benoist

*Arch. Bot.* 5 (Mém. 1): 63 [27 Mar. 1933] (Benoist 1933), “*Melinonii*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: migukat, mihukat, mirukat.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00077245]; iso-, P[P00745669]).

INVENTORY DATA (FG). — 51 trees in 43 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67.8$  cm.

#### [597] *Endlicheria punctulata* (Mez) C.K.Allen

*Mem. New York Bot. Gard.* 15: 68 (Allen 1966). — *Ocotea punctulata* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 379 (Mez 1889).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: áyũ'í alapitá milá.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *E.M. Mélinon* 204, 1842 (lecto-, P[P00745657]), designated by Allen [1966: 68]; isolecto-, P[P00745658]).

INVENTORY DATA (FG). — 10 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.7$  cm.

#### [598] *Endlicheria pyriformis* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 116 (Mez 1889), “*pyriformis*”. — *Cryptocarya pyriformis* Nees, *Syst. Laur.*: 220 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Mespilodaphne pyriformis* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 108 [May 1864] (Meisner 1864).

*Endlicheria glaberrima* Mez, *Bull. Herb. Boissier, sér. 2, 5*: 236 (Mez 1905).

*Aniba flexuosa* A.C.Sm., *Phytologia* 1 (3): 117 [21 Jan. 1935] (Smith 1935).

VERNACULAR NAMES. — Pa: kudagman • Ka: woko mapili • Wp: amákiya sili, áyũ'í • Wn: alupkamata • Cr: sèd • Br: louro.

HERBARIUM DATA (FG). — 69 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, B[not seen, photo F neg. N° 3820]; iso-, BM[BM000993875], G-DC[G00201070], LE[LE00012615, LE00012616, LE00012728], NY[00099497], P[P00745654]).

SIZE. — Up to 10 m tall (Chanderbali 2004).

#### [599] *Endlicheria rubriflora* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 494 (Mez 1889).

*Aniba reticulata* A.C.Sm., *Bull. Torrey Bot. Club* 58 (2): 99 [Feb. 1931] (Smith 1931).

*Endlicheria trianae* O.C.Schmidt, *Repert. Spec. Nov. Regni Veg.* 31: 175 (Schmidt 1933).

*Endlicheria wurdackiana* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 67 (Allen 1964).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al.* 23320.

SIZE. — Brazil, Amazonas. *G.T. Prance et al.* 14498 (NY), 10 m × 15 cm.

#### [600] *Endlicheria szyszyłowiczii* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 121 (Mez 1889).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman B-2312*, 12 m × 35 cm.

[601] *Endlicheria* sp. A

NOTE. — This is possibly *E. glomerata* Mez.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2803*.

INVENTORY DATA (FG). — 2 trees in 2 plots; dbh<sub>inv</sub> = 19.5 cm.

Genus *Kubitzkia* van der Werff

[602] *Kubitzkia mezii* (Kosterm.) van der Werff

*Taxon* 35 (1): 165 [Feb. 1986] (van der Werff 1986). — *Systemonodaphne mezii* Kosterm., *Recueil Trav. Bot. Néerl.* 33: 756 (Kostermans 1936), in obs.

VERNACULAR NAMES. — Wp: kwata pili.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *J. Martin 45* (holotype not traced; iso-, K[K000601987], P[P00745651, P00745652, P00745653], U[U0002743]).

INVENTORY DATA (FG). — 7 trees in 6 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 16.6 cm.

Genus *Licaria* Aubl.

[603] *Licaria cannella* (Meisn.) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 583 (Kostermans 1937), “*Canella*”. — *Aydenodendron cannella* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 90 [May 1864] (Meisner 1864). — *Acrodiclidium cannella* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 90 (Mez 1889), “*Canella*”. — *Misanteca cannella* (Meisn.) Lundell, *Wrightia* 4 (3): 99 (Lundell 1969), “*Canella*”.

*Aniba megacarpa* Hemsl., *Hooker's Icon. Pl.* 28 [ser. 4, 8]: tt. 2751, 2752 [Nov. 1903] (Hemsley 1903).

VERNACULAR NAMES. — Ka: ayiwi, ayu'i, ikalikanali, sitaipyo, wa'elan, wayaka • Wp: ayü'i tawa • Wn: mijetaimë, watau pokan • Nt: kaneli apisi • Cr: bwa-kannel, sèd-jonn, sèd-kannel • Fr: cèdre cannelle • Br: louro-chumbo, louro-pirarucu, louro-preto.

HERBARIUM DATA (FG). — 71 collections at CAY. Sel. exs.: *P.A. Sagot 1190*, Aug. 1858 (holo-, B[not seen, photo F neg. N° 3837]; iso-, BM[BM000993917], K[K000602022], P[P00128461, P00128462], NY[00354870]).

INVENTORY DATA (FG). — 197 trees in 96 plots; F<sub>max</sub> = 3.8 %; dbh<sub>inv</sub> = 92 cm.

[604] *Licaria chrysophylla* (Meisn.) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 601 (Kostermans 1937). — *Acrodiclidium chrysophyllum* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 87 [May 1864] (Meisner 1864). — *Misanteca chrysophylla* (Meisn.) Lundell, *Wrightia* 4 (3): 99 (Lundell 1969).

*Acrodiclidium guianense* var. *oppositifolium* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 85 [May 1864] (Meisner 1864).

*Acrodiclidium rigidum* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 38 (Kostermans 1936). — *Licaria rigida* (Kosterm.) Kosterm., *Recueil Trav. Bot. Néerl.* 34: 584 (Kostermans 1937). —

*Misanteca rigida* (Kosterm.) Lundell, *Wrightia* 4 (3): 101 (Lundell 1969).

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *P.A. Sagot 956*, 1858 (holo-, B[not seen, photo F neg. N° 3838]; iso-, MEL[MEL2386590]; possible iso-, P[P00128467, P00128468]).

INVENTORY DATA (FG). — 58 trees in 33 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 73 cm.

[605] *Licaria crassifolia* (Poir.) P.L.R.Moraes

*Komarovia* 6 (1): 55 (Moraes 2008). — *Laurus crassifolia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 323 [24 Sep. 1813] (Poiret 1813).

*Aydenodendron cayennense* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 95 [May 1864] (Meisner 1864). — *Acrodiclidium cayennense* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 91 (Mez 1889). — *Licaria cayennensis* (Meisn.) Kosterm., *Recueil Trav. Bot. Néerl.* 34: 583 (Kostermans 1937). — *Misanteca cayennensis* (Meisn.) Lundell, *Wrightia* 4 (3): 99 (Lundell 1969).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00128465]; iso-, P[P00128463, P00128464, P00662838]).

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[606] *Licaria debilis* (Mez) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 596 (Kostermans 1937). — *Acrodiclidium debile* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 99 (Mez 1889). — *Misanteca debilis* (Mez) Lundell, *Wrightia* 4 (3): 100 (Lundell 1969).

VERNACULAR NAMES. — Wp: ka'i piye.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-F. Molino 907*.

INVENTORY DATA (FG). — 3 trees in 3 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 14.3 cm.

[607] *Licaria guianensis* Aubl.

*Hist. Pl. Guiane* 1: 313 [Jun.-Dec. 1775] (Aublet 1775), “*Guyanensis*” on plate. — *Acrodiclidium aubletii* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 34 (Kostermans 1936).

*Acrodiclidium appellii* Mez, *Bot. Jahrb. Syst.* 17 (5): 519 [7 Nov. 1893] (Mez 1893). — *Licaria appellii* (Mez) Kosterm., *Recueil Trav. Bot. Néerl.* 34: 601 (Kostermans 1937). — *Misanteca appellii* (Mez) Lundell, *Wrightia* 4 (3): 99 (Lundell 1969).

VERNACULAR NAMES. — Br: louro-aritu, louro-cravo.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P[P00128472, P00128471]).

INVENTORY DATA (FG). — 25 trees in 17 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 19.4 cm.

[608] *Licaria martiniana* (Mez) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 601 (Kostermans 1937). — *Acrodi-  
clidium martinianum* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 93  
(Mez 1889). — *Misanteca martiniana* (Mez) Lundell, *Wrightia* 4  
(3): 100 (Lundell 1969).

*Licaria foveolata* Lemée, *Fl. Guyane Franç.* 1: 648 (Lemée 1955).

VERNACULAR NAMES. — Pa: migukat, mihukat, mirukat, sedri-  
kamwi, sedri-priyo • Ka: yolokan pomiidy • Te: uwahe pitäg • Nt:  
geli apisi, mal bwadiwosu.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *D.*  
*Sabatier* 2306.

INVENTORY DATA (FG). — 100 trees in 53 plots;  $F_{\max} = 2\%$ ;  
 $dbh_{\text{inv}} = 69.8$  cm.

[609] *Licaria pachycarpa* (Meisn.) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 604 (Kostermans 1937). — *Aydendron*  
*pachycarpum* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 95 [May 1864]  
(Meisner 1864). — *Acrodi-  
clidium pachycarpum* (Meisn.) Mez, *Jahrb.*  
*Königl. Bot. Gart. Berlin* 5: 91 (Mez 1889). — *Misanteca pachycarpa*  
(Meisn.) Lundell, *Wrightia* 4 (3): 101 (Lundell 1969).

*Acrodi-  
clidium amarum* Mez, *Repert. Spec. Nov. Regni Veg.* 16: 305  
[31 Apr. 1920] (Mez 1920). — *Licaria amara* (Mez) Kosterm.,  
*Recueil Trav. Bot. Néerl.* 34: 583 (Kostermans 1937). — *Misanteca*  
*amara* (Mez) Lundell, *Wrightia* 4 (3): 99 (Lundell 1969).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D.*  
*Sabatier* & *M.-F. Prévost* 3780.

INVENTORY DATA (FG). — 11 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} =$   
25.6 cm.

[610] *Licaria polyphylla* (Nees) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 584 (Kostermans 1937). — *Nectandra*  
*polyphylla* Nees, *Syst. Laur.*: 332 [30 Oct.-5 Nov. 1836] (Nees  
1836). — *Misanteca polyphylla* (Nees) Lundell, *Wrightia* 4 (3): 101  
(Lundell 1969).

*Acrodi-  
clidium guianense* Nees, *Syst. Laur.*: 268 [30 Oct.-5 Nov.  
1836] (Nees 1836).

*Acrodi-  
clidium guianense* var. *caudatum* Meisn., *Prodr. [A. P. de*  
*Candolle]* 15 (1): 85 [May 1864] (Meisner 1864). — *Nectandra*  
*caudata* Nees & Mart. ex Meisn., *Prodr. [A. P. de Candolle]* 15  
(1): 85 [May 1864] (Meisner 1864), *nom. nud. pro syn.*

*Acrodi-  
clidium guianense* var. *reticulatum* Meisn., *Prodr. [A. P. de*  
*Candolle]* 15 (1): 85 [May 1864] (Meisner 1864).

*Acrodi-  
clidium meissneri* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 98  
(Mez 1889). — *Licaria meissneri* (Mez) Kosterm., *Recueil Trav.*  
*Bot. Néerl.* 34: 597 (Kostermans 1937). — *Misanteca meissneri*  
(Mez) Lundell, *Wrightia* 4 (3): 100 (Lundell 1969).

NOTE. — *Acrodi-  
clidium guianense* var. *caudatum* is based on the  
type of *Acrodi-  
clidium meissneri*.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A.*  
*Oldeman B-1205*, 15 m × 35 cm.

[611] *Licaria rufotomentosa* van der Werff

*Novon* 13 (3): 342 [autumn 2003] (van der Werff 2003).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *B. Du-*  
*trève* & *F. Crozier* 7 (holo-, MO[MO-104256, MO-104257]; iso-,  
CAY[CAY014160, CAY014161]).

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} =$   
32.5 cm.

[612] *Licaria subbullata* Kosterm.

*Reinwardtia* 6 (3): 286 (Kostermans 1962). — *Misanteca sub-*  
*bullata* (Kosterm.) Lundell, *Wrightia* 4 (3): 101 (Lundell 1969).

*Licaria wilhelminensis* C.K.Allen, *Mem. New York Bot. Gard.* 15: 65  
(Allen 1966). — *Misanteca wilhelminensis* (C.K.Allen) Lundell,  
*Wrightia* 4 (3): 102 (Lundell 1969).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sa-*  
*batier* & *M.-F. Prévost* 2559, 15 m × 12 cm.

[613] *Licaria vernicosa* (Mez) Kosterm.

*Recueil Trav. Bot. Néerl.* 34: 604 (Kostermans 1937). — *Ocotea*  
*vernicosa* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 331 (Mez 1889). —  
*Acrodi-  
clidium vernicosum* (Mez) Kosterm., *Recueil Trav. Bot. Néerl.*  
33: 753 (Kostermans 1936). — *Misanteca vernicosa* (Mez) Lundell,  
*Wrightia* 4 (3): 102 (Lundell 1969).

*Licaria simulans* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 55  
(Allen 1964).

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.-F.*  
*Molino* 1363.

INVENTORY DATA (FG). — 1 tree,  $dbh = 13.5$  cm.

Genus *Mezilaurus* Kuntze ex Taub.[614] *Mezilaurus itauba* (Meisn.) Taub. ex Mez

*Arbeiten Königl. Bot. Gart. Breslau* 1: 112 (Mez 1892), “*Ita-*  
*Uba*”. — *Acrodi-  
clidium itauba* Meisn., *Prodr. [A. P. de Candolle]* 15  
(1): 86 [May 1864] (Meisner 1864), “*Ita-uba*”. — *Endiandra itauba*  
(Meisn.) Benth. & Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 3 (1):  
154 [7 Feb. 1880] (Bentham & Hooker 1880), “*Ita-uba*”. — *Silvia*  
*itauba* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 107 (Mez  
1889), “*Ita-Uba*”. — *Mezia itauba* (Meisn.) Kuntze, *Revis. Gen. Pl.*  
2: 574 [5 Nov. 1891] (Kuntze 1891), “*Ita-Uba*”.

*Acrodi-  
clidium anacardioides* Spruce ex Meisn., *Prodr. [A. P. de*  
*Candolle]* 15 (1): 86 [May 1864] (Meisner 1864). — *Misanteca*  
*anacardioides* (Spruce ex Meisn.) Benth., *Hooker's Icon. Pl.* 13 [ser.  
3, 3](2): 47 [June 1878] (Bentham 1878). — *Silvia anacardioides*  
(Spruce ex Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 108  
(Mez 1889). — *Mezia anacardioides* (Spruce ex Meisn.) Kuntze,  
*Revis. Gen. Pl.* 2: 574 [5 Nov. 1891] (Kuntze 1891). — *Mezilaurus*  
*anacardioides* (Spruce ex Meisn.) Taub. ex Mez, *Arbeiten Königl.*  
*Bot. Gart. Breslau* 1: 112 (Mez 1892).

*Oreodaphne hookeriana* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 131 [May 1864] (Meisner 1864).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). The specific epithet refers to the Tupi-Guarani word *itaúba* meaning “forest on rock”, from *ita* (rock) and *úba* (forest). The hyphen was artificially introduced (“Ita-üba”) by Meissner (in Candolle 1864: 86) and has therefore to be suppressed according to Art. 60.9 of the Shenzhen Code (Turland *et al.* 2018).

VERNACULAR NAMES. — Ka: ikalikanali • Br: itaúba, louro-itaúba.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2716.

INVENTORY DATA (FG). — 33 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 55.7$  cm.

Genus *Nectandra* Rol. ex Rottb.

[615] *Nectandra amazonum* Nees

*Syst. Laur.*: 282 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Nectandra pallida* Nees, *Linnaea* 21: 510 (Nees 1848).

*Nectandra urophylla* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 157 [May 1864] (Meisner 1864).

*Nectandra ambigua* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 158 [May 1864] (Meisner 1864).

*Nectandra bombycina* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 449 [“1894-96” publ. Dec. 1895] (Moore 1895).

VERNACULAR NAMES. — Br: louro-do-igapó.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *O. Poncy et al.* 1680.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $dbh_{\text{inv}} = 33.6$  cm.

[616] *Nectandra cissiflora* Nees

*Syst. Laur.*: 296 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Nectandra myriantha* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 163 [May 1864] (Meisner 1864).

*Nectandra myriantha* var. *attenuata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 163 [May 1864] (Meisner 1864).

*Nectandra myriantha* var. *glabrata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 163 [May 1864] (Meisner 1864).

*Nectandra surinamensis* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 454 (Mez 1889), *nom. illeg. hom., non* Rottb. ex Bercht. & J.Presl (Berchtold & Presl 1825).

*Nectandra kuntzeana* Mez in Kuntze, *Revis. Gen. Pl.* 3 (3): 277 [28 Sep. 1898] (Mez 1898).

*Nectandra capanahuensis* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dablem* 10: 228 [30 Mar. 1928] (Schmidt 1928).

*Nectandra steinbachii* O.C.Schmidt, *Repert. Spec. Nov. Regni Veg.* 31: 186 (Schmidt 1933).

*Nectandra paulii* C.K.Allen, *J. Arnold Arbor.* 26 (4): 400 [15 Oct. 1945] (Allen 1945).

VERNACULAR NAMES. — Br: canela-fedida, louro-babão.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2484.

INVENTORY DATA (FG). — 9 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44$  cm.

[617] *Nectandra globosa* (Aubl.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 415 (Mez 1889). — *Laurus globosa* Aubl., *Hist. Pl. Guiane* 1: 364 [Jun.-Dec. 1775] (Aublet 1775). — *Persea globosa* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 2: 269 [Jan.-May 1825] (Sprengel 1825). — *Ocotea globosa* (Aubl.) Schldl. & Cham., *Linnaea* 6: 366 (Schlechtendal & Chamisso 1831).

*Nectandra pisi* Miq., *Stirp. Surinam. Select.*: 199 [“1850” publ. Mar. 1851] (Miquel 1851).

*Nectandra vaga* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 153 [May 1864] (Meisner 1864).

*Nectandra vaga* var. *major* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 154 [May 1864] (Meisner 1864).

*Nectandra vaga* var. *sprucei* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 154 [May 1864] (Meisner 1864).

*Nectandra vaga* var. *vulgaris* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 154 [May 1864] (Meisner 1864).

*Nectandra globosa* var. *barbeyana* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 416 (Mez 1889).

VERNACULAR NAMES. — Wp: mulei.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000947248]).

INVENTORY DATA (FG). — 8 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.4$  cm.

[618] *Nectandra hibua* (Ruiz & Pav.) Rohwer

*Fl. Neotrop. Monogr.* 60: 196 [13 Aug. 1993] (Rohwer 1993). — *Laurus hibua* Ruiz & Pav., *Flora Peruviana* 4: t. 366 [1804-1830] (Ruiz & Pavón 1804).

*Nectandra lucida* Nees, *Syst. Laur.*: 334 [30 Oct.-5 Nov. 1836] (Nees 1836), *nom. illeg. hom., non* Nees (*Linnaea* 8: 47. 1833), *nec* Nees (1836: 334).

*Nectandra willdenoviana* Nees, *Syst. Laur.*: 290 [30 Oct.-5 Nov. 1836] (Nees 1836), “*Nectandra (Pomatia) willdenoviana*”, *non* Nees (1836: 321).

*Nectandra glabrescens* Benth., *Bot. Voy. Sulphur [Bentham]*: 161 [8 May 1846] (Bentham 1846).

*Nectandra bredemeyeriana* Nees, *Linnaea* 21: 505 (Nees 1848).

*Nectandra magnoliifolia* A.Rich., *Hist. Fis. Cuba, Bot.* 11: 188 (Richard 1850), “*magnoliaefolia*”.

*Nectandra leucantha* Nees & Mart. var. *attenuata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 151 [May 1864] (Meisner 1864).

*Nectandra leucantha* var. *guianensis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 151 [May 1864] (Meisner 1864).

*Nectandra leucantha* var. *peruviana* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 151 [May 1864] (Meisner 1864).

*Nectandra schomburgkii* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 151 [May 1864] (Meisner 1864).

*Nectandra grandiflora* Nees & Mart. var. *latifolia* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 152 [May 1864] (Meisner 1864), *nom. illeg. hom., non* Nees (1836: 323).

*Nectandra antillana* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 153 [May 1864] (Meisner 1864).

*Sassafridium macrophyllum* Rose, *Contr. U.S. Natl. Herb.* 1 (9): 355 [31 Jan. 1895] (Rose 1895).

*Nectandra guanaiensis* Rusby, *Bull. New York Bot. Gard.* 6 (22): 508 [30 Nov. 1910] (Rusby 1910).

*Nectandra megaphylla* Hassl., *Annuaire Conserv. Jard. Bot. Genève* 21: 92 (Hassler 1919).

*Nectandra maranonensis* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 229 [30 Mar. 1928] (Schmidt 1928).

*Nectandra tessmannii* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 229 [30 Mar. 1928] (Schmidt 1928).

*Nectandra albiflora* Lundell, *Wrightia* 1 (2): 147 (Lundell 1946).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori* & *C. Gracie* 24212.

SIZE. — Up to 35 m tall (Rohwer 1993).

[619] *Nectandra matogrossensis* Coe-Teix.  
(Fig. 26D-F)

*Acta Amazonica* 5 (2): 158 (Coe-Teixeira 1975).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino* et al. 3406.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.4$  cm.

[620] *Nectandra pulverulenta* Nees

*Syst. Laur.*: 283 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Nectandra purusensis* Coe-Teix., *Acta Amazonica* 5 (2): 158 (Coe-Teixeira 1975).

VERNACULAR NAMES. — Wp: áyũ'i sili, áyũ'i tawa, áyũ'i witowa • Br: louro-abacate.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost* & *P. Grenand* 1000.

SIZE. — Up to 30 m tall (Rohwer 1993).

[621] *Nectandra reticulata* (Ruiz & Pav.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 404 (Mez 1889). — *Laurus reticulata* Ruiz & Pav., *Flora Peruviana* 4: t. 348 [1804-1830] (Ruiz & Pavón 1804).

*Ocotea mollis* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 164 [8 Dec. 1817] (Kunth 1818). — *Persea mollis* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 2: 270 [Jan.-May 1825] (Sprengel 1825). — *Nectandra mollis* (Kunth) Nees, *Hufeland.* III: 14 (Nees 1833).

*Persea incana* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 405 [Jan.-June 1827] (Schott 1827).

*Laurus aestivalis* Vell., *Fl. Flumin.*: 164 ["1825" publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), *nom. illeg. hom., non* L. (Linnaeus 1753).

*Nectandra villosa* Nees & Mart., *Linnaea* 8: 47 (Nees & Martius 1833). — *Nectandra mollis* var. *villosa* (Nees & Mart.) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 148 [May 1864] (Meisner 1864).

*Nectandra villosa* var. *venosa* Nees, *Syst. Laur.*: 291 [30 Oct.-5 Nov. 1836] (Nees 1836), "*Venosa*". — *Nectandra mollis* var. *venosa* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 149 [May 1864] (Meisner 1864).

*Nectandra discolor* (Kunth) Nees var. *subvenosa* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 157 [May 1864] (Meisner 1864).

*Nectandra laurel* Klotzsch ex Nees var. *triquetra* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 147 [May 1864] (Meisner 1864).

*Nectandra mollis* var. *attenuata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 148 [May 1864] (Meisner 1864).

*Nectandra mollis* var. *intermedia* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 149 [May 1864] (Meisner 1864).

*Nectandra pittieri* Lasser, *Bol. Técn. Minist. Agric.* 3: 13 (Lasser 1942).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-F. Molino* et al. 3309.

INVENTORY DATA (FG). — 6 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 55.5$  cm.

[622] *Nectandra* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino* & *D. Sabatier* 2816.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.7$  cm.

Genus *Ocotea* Aubl.

[623] *Ocotea amazonica* (Meisn.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 359 (Mez 1889). — *Oreodaphne amazonica* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 123 [May 1864] (Meisner 1864).

VERNACULAR NAMES. — Nt: fiiman • Br: louro-preto.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3593.

INVENTORY DATA (FG). — 15 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67$  cm.

[624] *Ocotea argrophylla* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 193 (Ducke 1925).

VERNACULAR NAMES. — Wp: áyũ'i alapitá milá • Wn: taihem • Nt: weti apisi, weti sikin apisi • Cr: sèd-nwé • Fr: cèdre argenté • Br: folha-de-prata.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2147.

INVENTORY DATA (FG). — 93 trees in 43 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 64.1$  cm.

[625] *Ocotea canaliculata* (Rich.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 361 (Mez 1889). — *Laurus canaliculata* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792).

*Oreodaphne cayennensis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 133 [May 1864] (Meisner 1864), **syn. nov.**

*Ocotea scrobiculata* Benoist, *Bull. Soc. Bot. France* 75 (5): 979 ["1928" publ. 1929] (Benoist 1929), **nom. nud.**

VERNACULAR NAMES. — Wp: áyũ'i witowa • Br: louro-pimenta.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (holo-, P[P00756974]; P[P00756975, P00756976]).

INVENTORY DATA (FG). — 10 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 47.4$  cm.

[626] *Ocotea ceanothifolia* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 365 (Mez 1889). — *Mespilodaphne ceanothifolia* Nees, *Syst. Laur.*: 236 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Persea ceanothifolia* Mart. ex Nees, *Syst. Laur.*: 236 [30 Oct.-5 Nov. 1836] (Nees 1836), **nom. nud. pro syn.**

VERNACULAR NAMES. — Wp: áyũ'i tawa • Nt: likanau apisi.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4200.

INVENTORY DATA (FG). — 25 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 103$  cm.

[627] *Ocotea cernua* (Nees) Mez

*Mitt. Bot. Vereins Kreis Freiburg* 47-48: 422 (Mez 1888). — *Oreodaphne cernua* Nees, *Syst. Laur.*: 424 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Laurus nitida* Ruiz & Pav., *Flora Peruviana* 4: t. 353 [1804-1830] (Ruiz & Pavón 1804). — *Mespilodaphne nitida* (Ruiz & Pav.) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 106 [May 1864] (Meisner 1864).

*Laurus leptobotra* Ruiz & Pav., *Flora Peruviana* 4: t. 368 [1804-1830] (Ruiz & Pavón 1804). — *Oreodaphne leptobotra* (Ruiz & Pav.) Nees, *Linnaea* 21: 520 (Nees 1848). — *Ocotea leptobotra* (Ruiz & Pav.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 376 (Mez 1889).

*Leptodaphne tenuiflora* Nees, *Syst. Laur.*: 359 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Persea tenuiflora* Mart. ex Nees, *Syst. Laur.*: 359 [30 Oct.-5 Nov. 1836] (Nees 1836), **nom. nud. pro syn.**

*Leptodaphne subalpina* Nees, *Syst. Laur.*: 361 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Oreodaphne subalpina* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 137 [May 1864] (Meisner 1864). — *Ocotea subalpina* (Nees) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 375 (Mez 1889).

*Oreodaphne caudata* Nees, *Linnaea* 21: 519 (Nees 1848). — *Camphoromoea surinamensis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 145 [May 1864] (Meisner 1864), **nom. illeg. superfl.** (one of the syntypes [Hostmann 964] is a syntype of *Oreodaphne caudata*). — *Ocotea caudata* (Nees) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 378 (Mez 1889). — *Camphoromoea tenuiflora* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 144 [May 1864] (Meisner 1864).

*Oreodaphne marowynensis* Miq., *Stirp. Surinam. Select.*: 201 ["1850" publ. Mar. 1851] (Miquel 1851). — *Ocotea marowynensis* (Miq.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 380 (Mez 1889).

*Oreodaphne urophylla* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 145 [May 1864] (Meisner 1864). — *Ocotea urophylla* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 379 (Mez 1889).

*Ocotea marmellensis* Mez var. *acrensis* J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.3): 903 [31 Oct. 1938] (Macbride 1938).

NOTES. — Excluded synonym: *Nectandra revoluta* Miq. ex Rohwer (1993: 302), **nom. nud.** Duplicates of *Pl. Surinam. 629bb* distributed under A. Kappler's name (M, MPU, P[P00756833], S, U[U0002941]) bear on the original label "*Nectandra revoluta* Miq." (This is not the case for the duplicates distributed under Hostmann's name). A label by C.K. Allen dated 1970 affixed to the S duplicate wrongly states that this specimen is an isotype of *N. revoluta*, and that this name is a synonym of *Oreodaphne marowynensis* Miquel (1851: 201). With respect to the latter name, Miquel originally wrote (1851: 201): "*Nectandra revoluta* a me perperam dicta" ("which I wrongly called *N. revoluta*"). Therefore, *A. Kappler 629bb* is not the type of *N. revoluta*, which is a **nomen nudum** and is not a synonym of *O. marowynensis*.

VERNACULAR NAMES. — Ka: wa'elan, wayaka • Te: uwahe hun • Wp: áyũ'i tawa, áyũ'i witowa.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2719.

INVENTORY DATA (FG). — 22 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.9$  cm.

[628] *Ocotea cinerea* van der Werff

*Novon* 10 (3): 268 [autumn 2000] (van der Werff 2000).

NOTE. — Hyperdominant in Amazonia (ter Steege et al. 2020).

VERNACULAR NAMES. — Pa: migukat, mihukat, mirukat • Wp: kwata pili • Nt: baaka sikin apisi.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *S.A. Mori et al.* 23898.

INVENTORY DATA (FG). — 159 trees in 58 plots;  $F_{\max} = 4.9\%$ ;  $dbh_{\text{inv}} = 98.7$  cm.

[629] *Ocotea commutata* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 327 (Mez 1889). — *Oreodaphne commutata* Nees, *Syst. Laur.*: 428 [30 Oct.-5 Nov. 1836] (Nees 1836).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Wp: áyũ'i.

HERBARIUM DATA (FG). — 11 collections at CAY. *J. Martin s.n.* (holo-, B[B100247389]; iso-, B[B100247390, B100247391], GZU[GZU000254344], K[K000602279, K000602280], P[P00756980, P00756981, P00756982], U[U0002942]).

INVENTORY DATA (FG). — 1 tree, dbh = 14.3 cm.

[630] *Ocotea kujumary* Mart.

*Repert. Pharm. [J.A. Buchner]* 35: 178 (Martius 1830). — *Alseodaphne kujumary* (Mart.) Kostel., *Allg. Med.-Pharm. Fl.* 2: 484 [Jan.-June 1833] (Kosteletzky 1833). — *Ayidendron kujumary* (Mart.) Nees, *Syst. Laur.*: 247 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Oreodaphne macrothyrsus* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 115 [May 1864] (Meisner 1864).

*Aniba ovalifolia* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 77 (Mez 1889).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5707.

INVENTORY DATA (FG). — 16 trees in 9 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 30.6$  cm.

[631] *Ocotea diffusa* van der Werff

*Brittonia* 49 (2): 189 (van der Werff 1997).

VERNACULAR NAMES. — Pa: uvayan-akig • Wp: ka'i tuli.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.-J. de Granville B-5195* (holo-, P[P00098348]; iso-, CAY[CAY027845, CAY171665, CAY171666]).

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.5$  cm.

[632] *Ocotea endlicheriopsis* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 300 (Mez 1889). — *Endlicheria endlicheriopsis* (Mez) Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 43 (Kostermans 1936).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* ("605" *fide* Mez 2005: 300), 1862 (original material B[not seen, photo F neg. N° 3651], BM[BM000993946], K[K000602244], P[P00745675, P00048601]).

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[633] *Ocotea fasciculata* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 248 (Mez 1889). — *Oreodaphne fasciculata* Nees, *Linnaea* 21: 521 (Nees 1848). — *Mespilodaphne fasciculata* (Nees) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 108 [May 1864] (Meisner 1864).

*Mespilodaphne complicata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 103 [May 1864] (Meisner 1864). — *Ocotea complicata* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 247 (Mez 1889).

*Ocotea nunesii* Vattimo-Gil, *Arch. Jard. Bot. Rio de Janeiro* 15: 142 (Vattimo-Gil 1957).

*Ocotea duckei* Vattimo-Gil, *Rodriguésia* 23 (35): 243 (Vattimo-Gil 1961).

*Cinnamomum bahiense* Vattimo-Gil, *Rodriguésia* 29 (42): 128 (Vattimo-Gil 1977).

*Ocotea scrobiculifera* Vattimo-Gil, *Rodriguésia* 29 (42): 129 (Vattimo-Gil 1977).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2979.

INVENTORY DATA (FG). — 27 trees in 5 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 39.2$  cm.

[634] *Ocotea fendleri* (Meisn.) Rohwer

*Mitt. Inst. Allg. Bot. Hamburg* 20: 152 (Rohwer 1986). — *Gynobalanus fendleri* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 142 [May 1864] (Meisner 1864).

*Ocotea glandulosa* Lasser, *Bol. Těcn. Minist. Agric.* 3: 9 (Lasser 1942).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al.* 20862.

INVENTORY DATA (FG). — 1 tree, dbh = 12.6 cm.

[635] *Ocotea floribunda* (Sw.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 325 (Mez 1889). — *Laurus floribunda* Sw., *Prodr. [Swartz]* 65 [20 Jun.-29 July 1788] (Swartz 1788). — *Nectandra floribunda* (Sw.) Nees, *Syst. Laur.*: 339 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Strychnodaphne floribunda* (Sw.) Griseb., *Pl. Wright. [Grisebach]* 1: 188 [Dec. 1860] (Grisebach 1860).

*Laurus cerifera* Vahl, *Skr. Naturhist.-Selsk.* 6: 130 (Vahl 1810).

*Laurus divaricata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 322 [24 Sep. 1813] (Poiret 1813). — *Oreodaphne divaricata* (Poir.) Nees, *Syst. Laur.*: 393 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Laurus retroflexa* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 323 [24 Sep. 1813] (Poiret 1813). — *Persea retroflexa* (Poir.) Spreng., *Syst. Veg. [Sprengel]* 2: 269 [Jan.-May 1825] (Sprengel 1825). — *Oreodaphne retroflexa* (Poir.) Nees, *Syst. Laur.*: 432 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Oreodaphne willdenoviana* Nees, *Syst. Laur.*: 412 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Oreodaphne domingensis* Nees, *Syst. Laur.*: 439 [30 Oct.-5 Nov. 1836] (Nees 1836).



*Ocotea botryophylla* Klotzsch & H.Karst. ex Nees, *Linnaea* 21: 524 (Nees 1848).

*Ocotea wachenheimii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 30: 510 (Benoist 1924).

*Ocotea arenaensis* R.L.Brooks, *Bull. Misc. Inform. Kew* 1933 (5): 217 [12 July 1933] (Brooks 1933).

VERNACULAR NAMES. — Ka: wa'e, waye • Wp: amu'a iwa u, ayũ'i pino, ayũ'i sili • Cr: sèd-gri.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5347.

INVENTORY DATA (FG). — 26 trees in 18 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 37.1$  cm.

[636] *Ocotea glomerata* (Nees) Mez  
(Fig. 27A, B)

*Jahrb. Königl. Bot. Gart. Berlin* 5: 294 (Mez 1889). — *Oreodaphne glomerata* Nees, *Linnaea* 21: 515 (Nees 1848).

*Oreodaphne moritziana* Nees, *Linnaea* 21: 515 (Nees 1848).

VERNACULAR NAMES. — Ka: wa'elan, walili pipyo, wayaka • Te: uwaha • Wp: ayũ'i alapitá milá, ayũ'i piyũ • Nt: baaka apisi, baaka sikin • Cr: sèd-bagas, sèd-gri • Fr: cèdre bagasse, cèdre noir • Br: louro-preto.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J.-F. Molino* & *D. Sabatier* 2262.

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.4$  cm.

[637] *Ocotea guianensis* Aubl.

*Hist. Pl. Guiane* 2: 781 [Jun.-Dec. 1775] (Aublet 1775), "Guyanensis" on plate. — *Laurus ocotea* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792), *nom. illeg. superfl.* (based on *Ocotea guianensis*). — *Oreodaphne guianensis* (Aubl.) Nees, *Linnaea* 21: 516 (Nees 1848).

*Nectandra surinamensis* Rottb. ex Bercht. & J.Presl, *Přir. Rostlin* 2: 60 (Berchtold & Presl 1825), *nom. nud. pro syn.*

*Oreodaphne guianensis* var. *argentea* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 112 [May 1864] (Meisner 1864), *nom. illeg. superfl.* (includes the type of the typical variety).

*Oreodaphne guianensis* var. *aurea* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 112 [May 1864] (Meisner 1864). — *Ocotea guianensis* var. *aurea* (Meisn.) R.Knuth, *Repert. Spec. Nov. Regni Veg. Beih.* 43: 337 (Knuth 1927).

*Ocotea guianensis* var. *subsericea* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 15 (Kostermans 1936).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). One specimen of *O. guianensis* at P[P00756908] is erroneously labelled type: it bears fruits, whereas Aublet's plate and the original BM material have flowers.

VERNACULAR NAMES. — Pa: wen, wen-etni • Ka: tokowe • Wp: ayũ'i sili • Nt: weti apisi, weti sikin apisi • Cr: féy-darjan, sèd-darjan • Fr: bois fibustier, cèdre argenté, cèdre d'argent, feuille d'argent • Br: folha-de-prata, louro-branco, louro-prata, louro-seda.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000947302]).

INVENTORY DATA (FG). — 12 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 64.3$  cm.

[638] *Ocotea leucoxydon* (Sw.) Laness.

*Pl. Util. Col. Franç.* 158 (Lanessan 1886). — *Laurus leucoxydon* Sw., *Prodr. [Swartz]* 65 [20 Jun.-29 July 1788] (Swartz 1788). — *Persea leucoxydon* (Sw.) Spreng., *Syst. Veg. [Sprengel]* 2: 268 [Jan.-May 1825] (Sprengel 1825). — *Oreodaphne leucoxydon* (Sw.) Nees, *Syst. Laur.*: 413 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Laurus parviflora* Sw., *Fl. Ind. Occid.* 2: 717 [Jan.-June 1798] (Swartz 1798). — *Persea parviflora* (Sw.) Spreng., *Syst. Veg. [Sprengel]* 2: 270 [Jan.-May 1825] (Sprengel 1825). — *Oreodaphne parviflora* (Sw.) Nees, *Syst. Laur.*: 415 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Laurus exaltata* Sw. var. *lancifolia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 319 [24 Sep. 1813] (Poiret 1813).

*Nectandra acutangula* Miq., *Linnaea* 22: 806 ["1849" publ. May 1850] (Miquel 1850). — *Oreodaphne acutangula* (Miq.) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 121 [May 1864] (Meisner 1864). — *Ocotea acutangula* (Miq.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 330 (Mez 1889).

*Oreodaphne lindeniana* A.Rich., *Hist. Fis. Cuba, Bot.* 11: 189 (Richard 1850).

*Nectandra longifolia* A.Rich., *Hist. Fis. Cuba, Bot.* 11: 188 (Richard 1850), *nom. illeg. hom., non* (Ruiz & Pav.) Nees (1848).

*Oreodaphne leucoxydon* var. *elongata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 121 [May 1864] (Meisner 1864). — *Ocotea leucoxydon* var. *elongata* (Meisn.) M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.*: 12 (Gómez 1889).

*Ocotea subracemosa* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 360 (Mez 1889).

*Ocotea froesii* A.C.Sm., *Bull. Torrey Bot. Club* 61 (4): 191 [Apr. 1934] (Smith 1934).

*Ocotea subsericea* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 18 (2): 456 [20 Oct. 1937] (Standley 1937).

*Ocotea lasseriana* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 90 (Allen 1964).

*Ocotea duotincta* C.K.Allen, *Mem. New York Bot. Gard.* 12 (3): 119 (Allen 1965).

*Ocotea lenticellata* Lundell, *Wrightia* 5 (3): 54 (Lundell 1974).

VERNACULAR NAMES. — Wp: amu'a iwa, ayũ'i sili.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* & *D. Sabatier* 2767.

INVENTORY DATA (FG). — 7 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31$  cm.

[639] *Ocotea longifolia* Kunth

*Nova genera et species plantarum [H.B.K.]* 2: 164 [8 Dec. 1817] (Kunth 1818). — *Persea longifolia* (Kunth) Spreng., *Syst. Veg. [Sprengel]*

2: 270 [Jan.-May 1825] (Sprengel 1825). — *Oreodaphne longifolia* (Kunth) Nees, *Syst. Laur.*: 391 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Ocotea opifera* Mart., *Repert. Pharm. [J.A. Buchner]* 35: 179 (Marius 1830). — *Oreodaphne opifera* (Mart.) Nees, *Syst. Laur.*: 390 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Mespilodaphne opifera* (Mart.) Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 510 [May 1864] (Meisner 1864).

*Oreodaphne grandifolia* Nees, *Linnaea* 21: 517 (Nees 1848). — *Ocotea grandifolia* (Nees) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 290 (Mez 1889).

*Ocotea rusbyana* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 303 (Mez 1889).

*Ocotea trianae* Rusby, *Bull. New York Bot. Gard.* 6 (22): 506 [30 Nov. 1910] (Rusby 1910).

*Ocotea dielsiana* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 232 [30 Mar. 1928] (Schmidt 1928).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2417*.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15$  cm.

[640] *Ocotea montis-insulae* van der Werff

*Blumea* 56 (3): 214 (van der Werff 2011).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *G. Cremers & F. Crozier 15215* (holo-, CAY[CAY101097]; iso-, K[K001057503], MO[MO-359579], NY[01365077], U[U.1359518], US[00618793]), 10 m.

[641] *Ocotea mucronata* (Poir.) Kosterm.

*Reinwardtia* 5 (4): 395 (Kostermans 1961). — *Laurus mucronata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 323 [24 Sep. 1813] (Poiret 1813). — *Cryptocarya mucronata* (Poir.) Spreng., *Syst. Veg. [Sprengel]* 2: 271 [Jan.-May 1825] (Sprengel 1825).

HERBARIUM DATA (FG). — Known only from the type: *Unknown coll. s.n.* (holo-, FI[FI005245]; iso-, FI[FI005244]).

SIZE. — Not recorded on the type specimen, but most probably a tree.

[642] *Ocotea nigra* Benoist

*Bull. Mus. Natl. Hist. Nat.* 30: 511 (Benoist 1924).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: takana • Wp: ayū'i.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *P. Grenand et al. 3425*.

INVENTORY DATA (FG). — 42 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 62$  cm.

[643] *Ocotea oblonga* (Meisn.) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 367 (Mez 1889). — *Mespilodaphne oblonga* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 107 [May 1864] (Meisner 1864).

VERNACULAR NAMES. — Pa: akamna-seinō, akamnā-seinō, akapna-seinō • Wp: ayū'i, iwa'e • Cr: sèd-blan, sèd-gri, sèd-kalalou.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *P.A. Sagot 491*, 1857 (holo-, G-DC, not seen; iso-, B[B100247523], BM[BM000993958], BR[BR0000005119950], G[G00369312], K[K000602355], P[P00706273, P00756749, P00756750]).

INVENTORY DATA (FG). — 23 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 87$  cm.

[644] *Ocotea pauciflora* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 370 (Mez 1889). — *Oreodaphne pauciflora* Nees, *Syst. Laur.*: 409 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Mespilodaphne laxiflora* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 107 [May 1864] (Meisner 1864). — *Ocotea laxiflora* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 371 (Mez 1889).

*Oreodaphne diospyrifolia* Meisn. var. *incompta* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 126 [May 1864] (Meisner 1864).

*Oreodaphne paraensis* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 126 [May 1864] (Meisner 1864).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.C. Ek 1835*.

SIZE. — Guyana. *B. Hoffman & M.T. Rodrigues 4705* (MO), 12 m × 10 cm.

[645] *Ocotea percurrens* Vicent.

*Novon* 10 (3): 281 [autumn 2000] (Vicentini 2000).

VERNACULAR NAMES. — Pa: migukat-kamwi, mihukat-kamwi, mihukat-kamwi-wahuyo, mirukat-kamwi • Te: uwahe tsing.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5127*.

INVENTORY DATA (FG). — 111 trees in 65 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 83$  cm.

[646] *Ocotea persulcata* C.K.Allen

*Mem. New York Bot. Gard.* 12 (3): 120 (Allen 1965).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *S.A. Mori 25053*.

INVENTORY DATA (FG). — 20 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 49$  cm.

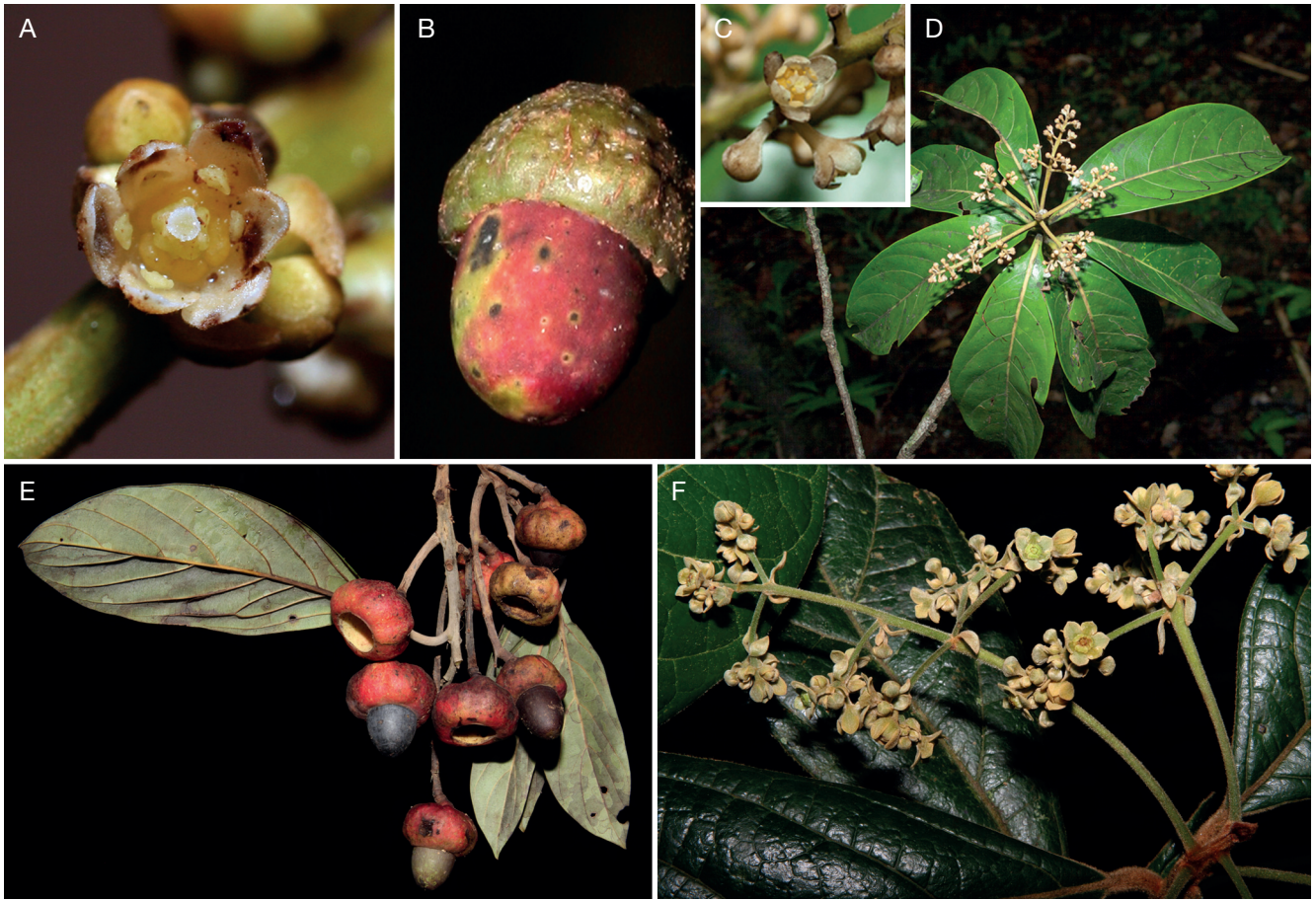


FIG. 27. — Lauraceae: **A, B**, *Ocotea glomerata* (Nees) Mez (J.-F. Molino & D. Sabatier 2262); **C, D**, *Ocotea* sp. D (J.-F. Molino & D. Sabatier 2773); **E**, *Rhodostemonodaphne grandis* (Mez) Rohwer; **F**, *Rhodostemonodaphne revolutifolia* Madriñán (D. Sabatier & J.-F. Molino 5078). A-D, © J.-F. Molino/IRD; E, F, © D. Sabatier/IRD.

[647] *Ocotea puberula* (Rich.) Nees

*Syst. Laur.*: 472 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Laurus puberula* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792). — *Strychnodaphne puberula* (Rich.) Nees & Mart., *Linnaea* 8: 39 (Nees & Martius 1833).

*Persea macropoda* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 160 [8 Dec. 1817] (Kunth 1818). — *Ocotea macropoda* (Kunth) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 348 (Mez 1889). — *Ocotea martiniana* (Nees) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 344 (Mez 1889).

*Persea richardiana* Cham. & Schltld., *Linnaea* 6: 366 (Chamisso & Schlechtendal 1831).

*Oreodaphne acutifolia* Nees var. *latifolia* Nees, *Linnaea* 8: 42 (Nees 1833). — *Strychnodaphne puberula* var. *angustata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 142 [May 1864] (Meisner 1864), *nom. illeg. superfl.* (based on *Oreodaphne acutifolia* var. *latifolia*).

*Oreodaphne martiniana* Nees, *Syst. Laur.*: 415 [30 Oct.-5 Nov. 1836] (Nees 1836).

*Oreodaphne hostmanniana* Miq., *Stirp. Surinam. Select.*: 202 [“1850” publ. Mar. 1851] (Miquel 1851).

*Strychnodaphne puberula* var. *truncata* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 143 [May 1864] (Meisner 1864). — *Ocotea*

*puberula* var. *truncata* (Meisn.) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 344 (Mez 1889).

*Ocotea pyramidata* S.F.Blake ex Brandegee, *Univ. Calif. Publ. Bot.* 7: 326 (Brandegee 1920).

*Ocotea ucayalensis* O.C.Schmidt, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 234 [30 Mar. 1928] (Schmidt 1928).

*Ocotea subglabra* Benoist, *Arch. Bot. Bull. Mens.* 3: 10 (Benoist 1929).

*Ocotea baturitensis* Vattimo-Gil, *Rodriguésia* 23 (35): 246 (Vattimo-Gil 1961).

*Ocotea paraensis* Coe-Teix., *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 34: 11 (Coe-Teixeira 1970).

*Ocotea paranapiacabensis* Coe-Teix., *Rodriguésia* 32 (52): 107 (Coe-Teixeira 1980).

VERNACULAR NAMES. — Pa: akamna, akamná, akapna • Ka: kisipyululan, sipilulan • Wp: amu’a iwa • Cr: sèd • Br: canela pimentá, guaicá.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *J.B. Leblond 215* (type G[G00020781]).

INVENTORY DATA (FG). — 11 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 59.4$  cm.

[648] *Ocotea scabrella* van der Werff

*Novon* 10 (3): 287 [autumn 2000] (van der Werff 2000).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *S.A. Mori* 14824.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.1$  cm.

[649] *Ocotea schomburgkiana* (Nees) Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 337 (Mez 1889). — *Oreodaphne schomburgkiana* Nees, *Linnaea* 21: 269 (Nees 1848).

*Ocotea castanea* C.K.Allen, *Mem. New York Bot. Gard.* 12 (3): 114 (Allen 1965).

NOTES. — Four French Guianan specimens (*D. Sabatier & M.-F. Prévost* 2344, 2510, 4432, and 3946) are wrongly identified as *Ocotea schomburgkiana* (Nees) Mez (1889: 337) on the MO duplicates. The first three actually belong to *O. cinerea* van der Werff (van der Werff & Vicentini 2000: 268), the latter to our *O. sp. B*.

VERNACULAR NAMES. — Pa: sedri-priyu • Ka: yapui, yolokan topulukali • Nt: baaka sikin apisi.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *H. van der Werff* 23500 (MO), height 15 m.

[650] *Ocotea splendens* (Meisn.) Baill.

*Hist. Pl. [Baillon]* 2: 466 (Baillon 1870). — *Oreodaphne splendens* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 129 [May 1864] (Meisner 1864).

*Ocotea citrifolia* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 280 (Mez 1889).

*Ocotea globifera* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 328 (Mez 1889).

*Ocotea dissimilis* C.K.Allen, *Mem. New York Bot. Gard.* 15: 86 (Allen 1966).

VERNACULAR NAMES. — Ka: kulukai, wa'e, waye • Wp: äyü'i piye, äyü'i silí, äyü'i tawa, äyü'i witowa • Cr: mal-bwa-dérose • Br: cedro-pardo.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *P.A. Sagot* 978, Oct. 1856 (holo-, G-DC, not seen; iso-, B[B100185434, photo F neg N° 3719], K[K000602221], P[P00711099, P00711100, P00711101, P00711102]).

INVENTORY DATA (FG). — 50 trees in 21 plots;  $F_{\max} = 4.3\%$ ;  $dbh_{\text{inv}} = 52.2$  cm.

[651] *Ocotea subterminalis* van der Werff

*Novon* 10 (3): 289 [autumn 2000] (van der Werff 2000).

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *D. Sabatier et al.* 5252.

INVENTORY DATA (FG). — 109 trees in 40 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 37.9$  cm.

[652] *Ocotea tomentella* Sandwith

*Bull. Misc. Inform. Kew* 1935 (3): 130 [20 May 1935] (Sandwith 1935).

VERNACULAR NAMES. — Ka: mila kulan • Te: uwahe tsing • Wp: alamã'i • Wn: toto, wai • Nt: apisi, baaka sikin apisi, geli apisi • Cr: sèd-gro-lapo, sèd-jonn, sèd-nwé • Fr: cèdre jaune • Br: louro.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4434.

INVENTORY DATA (FG). — 60 trees in 35 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 110$  cm.

[653] *Ocotea* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier* 2147.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 72$  cm.

[654] *Ocotea* sp. B

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2248.

INVENTORY DATA (FG). — 73 trees in 29 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 73.2$  cm.

[655] *Ocotea* sp. C

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5135.

INVENTORY DATA (FG). — 17 trees in 5 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 79.7$  cm.

[656] *Ocotea* sp. D  
(Fig. 27C, D)

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier* 2773.

INVENTORY DATA (FG). — 1 tree,  $dbh = 21$  cm.

[657] *Ocotea* sp. E

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2495.

INVENTORY DATA (FG). — 27 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 115$  cm.

[658] *Ocotea* sp. F

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier 1512*.

INVENTORY DATA (FG). — 1 tree, dbh = 11 cm.

[659] *Ocotea* sp. G

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 3375*.

INVENTORY DATA (FG). — 1 tree, dbh = 10.2 cm.

[660] *Ocotea* sp. H

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 3397*, 38.2 cm.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

[661] *Ocotea* sp. I

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2958*.

INVENTORY DATA (FG). — 11 trees in 5 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 29.6$  cm.

[662] *Ocotea* sp. J

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2751*.

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.6$  cm.

Genus *Persea* Mill.

[663] *Persea nivea* Mez

*Jahrb. Königl. Bot. Gart. Berlin* 5: 148 (Mez 1889). — *Mutisiopersea nivea* (Mez) Kosterm., *Rheedea* 3 (2): 135 [31 Dec. 1993] (Kostermans 1993).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: migukat, mihukat, mirukat.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4910*, dbh 43.6 cm.

[664] *Persea* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2096*.

INVENTORY DATA (FG). — 1 tree, dbh = 16.8 cm.

Genus *Rhodostemonodaphne* Rohwer & Kubitzki

[665] *Rhodostemonodaphne elephantopus* Madriñán

*Brittonia* 48 (1): 46 (Madriñán 1996).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *S.A. Mori et al. 20774* (holo-, NY[00076770]; iso-, CAY[CAY027849], GH[GH00061477], MO[MO-287214], P[P00644242], U[U0249275], US[00902047]).

INVENTORY DATA (FG). — 10 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.6$  cm.

[666] *Rhodostemonodaphne grandis* (Mez) Rohwer (Fig. 27E)

*Mitt. Inst. Allg. Bot. Hamburg* 20: 84 (Rohwer 1986). — *Endlicheria grandis* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 124 (Mez 1889). — *Nectandra grandis* (Mez) Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 17 (Kostermans 1936).

NOTES. — The indications given by Mez (1889: 125) on the (fruiting) material he studied are: “Hab. in Guyana gallica ad fl. Maroni: Mélinon. (V. s. in herb. Berol. et Paris.)” There is only one Mélinon specimen of *R. grandis* at B, with a label in Mez’ hand reading: “*Endlicheria ? grandis* Mez nov. spec., det. Carl Mez”; its original label bears the date 1865 and does not mention the Maroni River, or any other location, within French Guiana. Among the eight Mélinon specimens of *R. grandis* at P (all in fruit), only three bear the same identification label by Mez: P00745439, with an original label reading “Guyane française (Maroni). M. Mélinon 1862”; P00745443, with a label “Herbier de la Guyane française. 1865 – Mélinon”; and P00078423, labelled “Guyane française – M. Mélinon 1863”. The five other specimens (P00745440, P00745441, P00745442, P00745444, P00745445) are all dated 1863, and only one of them (P00745441) has a label mentioning the Maroni. Another Mélinon specimen at NY (00355136) is also dated 1863 and the only geographical indication is “Guyane fse”.

Only the four specimens annotated by Mez can be considered to be indisputably part of the original material. However, they could represent separate collections made in 1862, 1863 and 1864, therefore they must be treated as syntypes.

Madriñán (2004: 85) designated a lectotype as: “French Guiana. Fleuve Maroni [St Laurent?], 1863 (fr), *Mélinon 1863 [1865 in B]* (lectotype, here designated: B; isolectotypes: NY, P”. This lectotypification is correct in that it unambiguously refers to a single specimen at B, that is part of the original material. However, the date, place and collection number given for this specimen are incorrect, leading to syntypes (at P and NY) being mistaken for isolectotypes. The correct citation for the lectotype is given below.

VERNACULAR NAMES. — Ka: waikyalalan • Wp: áyũ’i to u, kwata pili • Wn: toto • Nt: geli apisi • Cr: sèd-jonn • Fr: cèdre jaune.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* 1865 (fr) (lecto-, B[B100247403]; iso-, P[P00745443]).

INVENTORY DATA (FG). — 136 trees in 92 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 58.6$  cm.

[667] *Rhodostemonodaphne kunthiana* (Nees) Rohwer

*Mitt. Inst. Allg. Bot. Hamburg* 20: 84 (Rohwer 1986). — *Acroclidium kunthianum* Nees, *Syst. Laur.*: 269 [30 Oct.-5 Nov. 1836] (Nees 1836). — *Nectandra kunthiana* (Nees) Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 19 (Kostermans 1936). — *Ocotea kunthiana* (Nees) Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 291 (Mez 1889).

*Ayendron aciphyllum* Nees, *Linnaea* 21: 496 (Nees 1848).

*Pleurothyrium chrysothyrsus* Meisn., *Prodr. [A. P. de Candolle]* 15 (1): 169 [May 1864] (Meisner 1864).

*Ocotea cooperi* C.K.Allen, *J. Arnold Arbor.* 26 (3): 335 [16 July 1945] (Allen 1945).

*Nectandra meyeriana* Lasser, *Bol. Soc. Venez. Ci. Nat.* 11: 184 (Lasser 1948).

*Pleurothyrium cowanianum* C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 121 (Allen 1964), “*cowaniana*”.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, B[B 10 0247364]; iso-, B[B 10 0247365], G[G00368893]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 39.5$  cm.

[668] *Rhodostemonodaphne leptoclada* Madriñán

*Brittonia* 48 (1): 49 (Madriñán 1996).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: sedri-puvemna-priyo • Wp: áyü'i.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori et al. 14899* (holo-, NY[00076788]; iso-, CAY[CAY027852], U[U0008013], US[00589056]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 16.2$  cm.

[669] *Rhodostemonodaphne morii* Madriñán

*Brittonia* 48 (1): 52 (Madriñán 1996).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: migukat, mihukat, mirukat, sedri-puvemna.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *S.A. Mori et al. 20850* (holo-, NY[00076796]; iso-, CAY[CAY027861], MO[MO-287433], P[P00745438], US[00589054]).

INVENTORY DATA (FG). — 28 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.6$  cm.

[670] *Rhodostemonodaphne revolutifolia* Madriñán  
(Fig. 27F)

*Brittonia* 48 (1): 55 (Madriñán 1996).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier 3500* (holo-, NY[00008290]; iso-, B[B 10 0247362], CAY[CAY027874], K[K000642263], MO[MO-287481], P[P00745437], U[U0003015]).

INVENTORY DATA (FG). — 25 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.9$  cm.

[671] *Rhodostemonodaphne rufovirgata* Madriñán

*Brittonia* 48 (1): 58 (Madriñán 1996).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: geli apisi • Cr: sèd-jonn • Fr: cèdre jaune.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 1811* (holo-, NY[00076794]; iso-, CAY[CAY027866], COL[COL000001404], HBG[HBG508010], K[K000642275], MG[MG152546], MO[MO-287491], P[P00074147], US[00512805], VEN[VEN302994]).

INVENTORY DATA (FG). — 72 trees in 50 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 45$  cm.

[672] *Rhodostemonodaphne saulensis* Madriñán

*Brittonia* 48 (1): 60 (Madriñán 1996).

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *S.A. Mori et al. 15014* (holo-, NY[00076795]; iso-, CAY[CAY027877], HBG[HBG508009], K[K000642262], MO[MO-287499], U[U0008017], US[00589055]).

INVENTORY DATA (FG). — 9 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 53$  cm.

Genus *Sextonia* van der Werff[673] *Sextonia rubra* (Mez) van der Werff

*Novon* 7 (4): 438 [“1997” publ. 1998] (van der Werff 1998). — *Ocotea rubra* Mez, *Jahrb. Königl. Bot. Gart. Berlin* 5: 258 (Mez 1889). — *Nectandra rubra* (Mez) C.K.Allen, *Mem. New York Bot. Gard.* 10 (5): 120 (Allen 1964).

NOTE. — Several Mélinon specimens of *Sextonia rubra* that are labelled isotypes at P are dated 1862 (P00711138, P00711139), 1864 (P00711130, P00711134, P00711135, P00711136) or 1865 (P00711137), therefore are probably not from the same gathering as the specimen labelled as holotype (P00711131), which is dated 1863. But the fact that one of them (P00711137) bears the same label in Mez's hand as the “holotype” implies that the original material is composed of at least two distinct gatherings (from 1863 and 1865, respectively), making it necessary to designate a lectotype.

VERNACULAR NAMES. — Pa: á-griyó, griyó • Ka: wana, wonu • Te: atsemá • Wp: asemá • Wn: wana • Nt: wana • Cr: grignon-rouj • Fr: grignon franc • Br: louro-gamela, louro-vermelho.

HERBARIUM DATA (FG). — 108 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.*, 1863 (lecto-, P[P00711131], here designated; isolecto-, B[B100244360, B100244361], P[P00711132, P00711133]).

INVENTORY DATA (FG). — 378 trees in 134 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 135$  cm.

[674] Lauraceae sp. A

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P. Gre-nand et al. 3521*.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17.2$  cm.

[675] Lauraceae sp. B

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2708*.

INVENTORY DATA (FG). — 13 trees in 6 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 35.7$  cm.

[676] Lauraceae sp. C

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sa-batier & J.-F. Molino 5727*.

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.5$  cm.

[677] Lauraceae sp. D

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2751*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 42.5$  cm.

[678] Lauraceae sp. E

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2869*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.6$  cm.

[679] Lauraceae sp. F

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 3366*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[680] Lauraceae sp. G

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & M.-F. Prévost 1973*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.7$  cm.

[681] Lauraceae sp. H

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 3423*.

INVENTORY DATA (FG). — 39 trees in 5 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[682] Lauraceae sp. I

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2319*.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24$  cm.

[683] Lauraceae sp. J

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sa-batier & J.-F. Molino 5072*.

INVENTORY DATA (FG). — 19 trees in 5 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 105$  cm.

Family LECYTHIDACEAE A.Rich.  
Genus *Bertholletia* Bonpl.

[684] *Bertholletia excelsa* Bonpl.

*Pl. Aequinoct. [Humboldt & Bonpland] 1 (5): 122 [Apr. 1807] (Bonpland 1807).*

*Barthollesia excelsa* Silva Manso, *Enum. Subst. Braz.*: 45 (Silva Manso 1836), orth. var.

*Bertholletia nobilis* Miers, *Trans. Linn. Soc. London* 30 (2): 197 (Miers 1874).

NOTE. — Probably not native to French Guiana, where it is mainly found as a cultivated tree. However, three wild individuals collected near pre-Columbian archaeological sites are indicative of naturalization.

VERNACULAR NAMES. — Ka: totoka, tutukaa • Te: titikö uhu • Wp: yã • Wn: tutukë • Nt: ingi noto • Cr: touka • Fr: noix de Pará, noix du Brésil • Br: castanha-do-Pará (fruit), castanheira (tree).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *B. Du-trève 569*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.3$  cm.

Genus *Corythophora* R.Knuth

[685] *Corythophora amapaensis* Pires ex S.A.Mori & Prance

*Brittonia* 33 (3): 365 (Mori & Prance 1981).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Te: watili tsing • Nt: lebi luabi • Br: matamatá-gameleira.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.M. Pires 48579* (holo-, IAN[IAN126599]; iso-, IAN[IAN109580], NY[00000735]).

INVENTORY DATA (FG). — 57 trees in 11 plots;  $F_{\max} = 3.7\%$ ;  $dbh_{\text{inv}} = 50.3$  cm.

[686] *Corythophora labriculata* (Eyma) S.A.Mori & Prance

*Brittonia* 33 (3): 365 (Mori & Prance 1981). — *Eschweilera labriculata* Eyma, *Polygon. Guttif. Lecythid. Surinam*: 75 (Eyma 1932). — *Chytroma labriculata* (Eyma) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 80 [22 Aug. 1939] (Knuth 1939).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *O. Tostain et al.* 1499.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.1$  cm.

[687] *Corythophora rimosa* W.A.Rodrigues subsp. *rimosa*

*Mem. New York Bot. Gard.* 44: 31 (Rodrigues 1987).

VERNACULAR NAMES. — Pa: kwatri-puvmna • Ka: kuwateli, kwatili • Wp: yapukay sili • Nt: lebi luabi • Cr: mao-blan • Br: castanha-jacaré.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost* 3370.

INVENTORY DATA (FG). — 52 trees in 19 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 85$  cm.

[688] *Corythophora rimosa* subsp. *rubra* S.A.Mori

*Mem. New York Bot. Gard.* 44: 31 (Mori 1987).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kwatri-puvmna • Ka: kuwateli, kwatili • Cr: mao-blan • Br: castanha-jacaré.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 14746 (holo-, NY[00232379] ; iso-, CAY[CAY027879], K[K000600143], M[M0146449], MG[MG136431], P[P01900037], U[U0003039], WIS[v 0255887 WIS]).

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.2$  cm.

Genus *Couratari* Aubl.[689] *Couratari calycina* Sandwith  
(Fig. 28A)

*J. Bot.* 78: 253 (Sandwith 1940).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: ingi pipa, ingii pipa.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sibatier* 2961.

INVENTORY DATA (FG). — 86 trees in 23 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 44.2$  cm.

[690] *Couratari gloriosa* Sandwith

*Kew Bull.* 10 (3): 472 [20 Dec. 1955] (Sandwith 1955).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wn: momaj • Nt: ingi pipa, ingii pipa • Cr: mao-sigar • Fr: mahot cigare.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *S.A. Mori et al.* 15690.

INVENTORY DATA (FG). — 34 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 79.9$  cm.

[691] *Couratari guianensis* Aubl.

*Hist. Pl. Guiane* 2: 724 [Jun.-Dec. 1775] (Aublet 1775). — *Lecythis couratari* Spreng., *Syst. Veg. [Sprengel]* 4 (2): 208 [Jan.-June 1827] (Sprengel 1827), “*Lecythin Couratari*”, *nom. illeg. superfl.* (based on *Couratari guianensis*).

*Couratari paraensis* Mart. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 510 [1 Feb. 1858] (Berg 1858). — *Cariniana paraensis* (Mart. ex O.Berg) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 37 [22 Aug. 1939] (Knuth 1939).

*Couratari panamensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 239 [24 Oct. 1929] (Standley 1929).

*Couratari pulchra* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 217 [27 June 1932] (Sandwith 1932).

*Couratari bragancae* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 128 [22 Aug. 1939] (Knuth 1939).

VERNACULAR NAMES. — Pa: wakukwa-rimwa • Ka: kwatili, tikalaye ulemali, watala • Te: ponō • Wp: yemi'i • Wn: okalat, ukalat • Nt: ingi pipa, ingii pipa • Cr: mao-sigar • Fr: mahot cigare • Br: tauarí-folha-grande.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM, the fruit in carpological collection only, leaf specimen excluded BM000953836 [synonym of *Lecythis poiteaui*]); *S.A. Mori et al.* 20973.

INVENTORY DATA (FG). — 99 trees in 68 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 117$  cm.

[692] *Couratari multiflora* (Sm.) Eyma

*Polygon. Guttif. Lecythid. Surinam*: 60 (Eyma 1932). — *Lecythis multiflora* Sm., *Cycl. [Rees]* 20: (*Lecythis* no. 8) [19 Mar. 1812] (Smith 1812). — *Allantoma multiflora* (Sm.) Miers, *Trans. Linn. Soc. London* 30 (2): 291 [14 Nov. 1874] (Miers 1874).

*Lecythis fagifolia* Miq. ex O.Berg, *Linnaea* 27 (4): 451 [“1854” publ. Feb. 1856] (Berg 1856). — *Allantoma fagifolia* (Miq. ex O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 298 [14 Nov. 1874] (Miers 1874). — *Couratari fagifolia* (Miq. ex O.Berg) Eyma, *Polygon. Guttif. Lecythid. Surinam* 62 (Eyma 1932).

*Couratari coriacea* Mart. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 510 [1 Feb. 1858] (Berg 1858).

*Couratari vriesii* Miers, *Trans. Linn. Soc. London* 30 (2): 284 [14 Nov. 1874] (Miers 1874).

*Allantoma subramosa* Miers, *Trans. Linn. Soc. London* 30 (2): 292 [14 Nov. 1874] (Miers 1874), *pro parte folia exclusa*.



VERNACULAR NAMES. — Pa: irimwi • Ka: kisipyulu ulemali, ulemali • Te: tawali • Wp: akiki poa, kwata poa, tawali pilá, tawali sí • Wn: ulemali, waluwalu • Nt: ingi pipa, ingii pipa • Cr: lapo-sigar, mao-sigar • Fr: mahot cigare • Br: tauarí-amarelo, tauarí-folha-miuda.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000953792]).

INVENTORY DATA (FG). — 395 trees in 91 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 83.9$  cm.

[693] *Couratari oblongifolia* Ducke & R.Knuth

*Pflanzenr. [Engler] IV.219a* (Heft 105): 134 [22 Aug. 1939] (Ducke & Knuth 1939).

VERNACULAR NAMES. — Pa: irimwi, wakukwa-rimwa • Ka: toko • Nt: ingi pipa, ingii pipa • Cr: mao-sigar • Fr: mahot cigare • Br: tauarí.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *D. Sabatier 3573*.

INVENTORY DATA (FG). — 57 trees in 36 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 128.9$  cm.

[694] *Couratari oligantha* A.C.Sm.

*Amer. J. Bot.* 26 (6): 411 (Smith 1939).

HERBARIUM DATA (FG). — 1 collection at CAY: *D. Loubry 1122*.

SIZE. — Up to 30 m tall (Mori & Prance 1993).

[695] *Couratari stellata* A.C.Sm.  
(Fig. 28B)

*Amer. J. Bot.* 26 (6): 410 (Smith 1939).

*Couratari reticulata* A.C.Sm., *Amer. J. Bot.* 26 (6): 410 (Smith 1939).

VERNACULAR NAMES. — Ka: wokili kisipyulu ulemali • Wp: ka'i ka'i nu'a, yemi'i • Wn: okalatimé, tamujom, ulemali • Nt: ingi pipa, ingii pipa • Cr: mao-kaka, mao-nwé • Fr: mahot noir • Br: tauarí.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5340*.

INVENTORY DATA (FG). — 160 trees in 35 plots;  $F_{\max} = 3.1\%$ ;  $dbh_{\text{inv}} = 137$  cm.

Genus *Couroupita* Aubl.

[696] *Couroupita guianensis* Aubl.  
(Fig. 28C)

*Hist. Pl. Guiane* 2: 708 [Jun.-Dec. 1775] (Aublet 1775). — *Lecythis bracteata* Willd., *Sp. Pl.*, ed. 4 2 (2): 1174 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Couroupita guianensis*).

*Pekea couroupita* Juss. ex DC., *Prodr. [A. P. de Candolle]* 3: 294 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Couroupita surinamensis* Mart. ex O.Berg, *Linnaea* 27 (4): 462 [“1854” publ. Feb. 1856] (Berg 1856). — *Couroupita guianensis* var. *surinamensis* (Mart. ex O.Berg) Eyma, *Polygon. Guttif. Lecythid. Surinam*: 65 (Eyma 1932).

*Couroupita peruviana* O.Berg, *Linnaea* 31: 261 (Berg 1861-1862).

*Couroupita antillana* Miers, *Trans. Linn. Soc. London* 30 (2): 191 [14 Nov. 1874] (Miers 1874).

*Couroupita membranacea* Miers, *Trans. Linn. Soc. London* 30 (2): 194 [14 Nov. 1874] (Miers 1874).

*Couroupita froesii* R.Knuth, *Repert. Spec. Nov. Regni Veg.* 35: 341 (Knuth 1934).

*Couroupita saintcroixiana* R.Knuth, *Repert. Spec. Nov. Regni Veg.* 35: 341 (Knuth 1934), “*St. Croixiana*”.

*Couroupita venezuelensis* R.Knuth, *Repert. Spec. Nov. Regni Veg.* 35: 341 (Knuth 1934).

*Couroupita acreensis* R.Knuth, *Pflanzenr. [Engler] IV.219a* (Heft 105): 47 [22 Aug. 1939] (Knuth 1939).

*Couroupita idolica* Dwyer, *Ann. Missouri Bot. Gard.* 52: 358 (Dwyer 1965).

*Couroupita pedicellaris* Rizzini, *Rodriguésia* 28 (41): 178 (Rizzini 1976).

VERNACULAR NAMES. — Ka: kaupi, kopu • Nt: bakuu kokonoto, kaabasi bon • Cr: boulé-kannon, kouy-serjan • Fr: arbre à boulet de canons • Br: abrico-de-macaco, cuia-de-macaco, macacarecuia.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000953857]); *M.-F. Prévost & D. Sabatier 4720*,  $dbh = 63$  cm.

Genus *Eschweilera* Mart. ex DC.

[697] *Eschweilera alata* A.C.Sm.  
(Fig. 29A)

*Amer. J. Bot.* 26 (6): 407 (Smith 1939).

VERNACULAR NAMES. — Ka: ara-a.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier et al. 4393*.

INVENTORY DATA (FG). — 187 trees in 25 plots;  $F_{\max} = 5.8\%$ ;  $dbh_{\text{inv}} = 58.8$  cm.

[698] *Eschweilera apiculata* (Miers) A.C.Sm.

*Phytologia* 1 (3): 124 [21 Jan. 1935] (Smith 1935). — *Chytroma apiculata* Miers, *Trans. Linn. Soc. London* 30 (2): 245 [14 Nov. 1874] (Miers 1874).

VERNACULAR NAMES. — Pa: avun-priye, avun-seinó • Wp: ka'i ka'i nu'a sili • Nt: luabi • Br: matamatá-jibóia.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier 1277*.

INVENTORY DATA (FG). — 70 trees in 38 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 76.1$  cm.

[699] *Eschweilera chartaceifolia* S.A.Mori

*Fl. Neotrop. Monogr.* 21 (2): 228 [10 Apr. 1990] (Mori 1990).

VERNACULAR NAMES. — Pa: avun-seinó, kwatri.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3797.

INVENTORY DATA (FG). — 134 trees in 55 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 34.6$  cm.

[700] *Eschweilera collina* Eyma

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 4: 63 (Eyma 1932). — *Chytroma collina* (Eyma) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 78 [22 Aug. 1939] (Knuth 1939).

VERNACULAR NAMES. — Br: ripeiro-branco.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier* 3521.

INVENTORY DATA (FG). — 192 trees in 56 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 45.5$  cm.

[701] *Eschweilera coriacea* (DC.) Mart. ex S.A.Mori

*Fl. Neotrop. Monogr.* 21 (2): 203 [10 Apr. 1990] (Mori 1990). — *Lecythis coriacea* DC., *Prodr. [A. P. de Candolle]* 3: 291 [mid Mar. 1828] (Candolle 1828). — *Eschweilera coriacea* (DC.) Mart. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 491 [1 Feb. 1858] (Berg 1858), *nom. nud. pro syn.* — *Jugastrum coriaceum* (DC.) Miers, *Trans. Linn. Soc. London* 30 (2): 275 [14 Nov. 1874] (Miers 1874).

*Eschweilera grandifolia* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 293 [mid Mar. 1828] (Candolle 1828). — *Lecythis grandifolia* (Mart. ex DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 494 [1 Feb. 1858] (Berg 1858). — *Chytroma grandifolia* (Mart. ex DC.) Miers, *Trans. Linn. Soc. London* 30 (2): 237 [14 Nov. 1874] (Miers 1874).

*Lecythis odora* Poepp. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 492 [1 Feb. 1858] (Berg 1858). — *Eschweilera odora* (Poepp. ex O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 273 [14 Nov. 1874] (Miers 1874).

*Lecythis acuminatissima* O.Berg, *Fl. Bras. [Martius]* 14 (1): 494 [1 Feb. 1858] (Berg 1858). — *Eschweilera acuminatissima* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 273 [14 Nov. 1874] (Miers 1874).

*Chytroma cincturata* Miers, *Trans. Linn. Soc. London* 30 (2): 237 [14 Nov. 1874] (Miers 1874).

*Eschweilera pallida* Miers, *Trans. Linn. Soc. London* 30 (2): 267 [14 Nov. 1874] (Miers 1874).

*Eschweilera vageleri* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 96 [22 Aug. 1939] (Knuth 1939).

*Eschweilera eymaana* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 100 [22 Aug. 1939] (Knuth 1939).

*Eschweilera fractiflexa* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 110 [22 Aug. 1939] (Knuth 1939).

*Lecythis retroflexa* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 595 (Benoist 1923). — *Eschweilera retroflexa* (Benoist) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 106 [22 Aug. 1939] (Knuth 1939).

*Neohuberia matamata* Ledoux, *Lecointea* 1: 3 (Ledoux 1963). — *Eschweilera matamata* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 211 (Huber 1910), *nom. nud.*

*Lecythis peruviana* L.O.Williams, *Fieldiana, Bot.* 31 (1-2): 30 [25 Nov. 1964] (Williams 1964).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-priye • Ka: kwatili tabulu, wipitano kuwateli • Te: watili tsing • Wp: walime i • Wn: pukut • Nt: baaka aki • Cr: mao-nwé • Fr: mahot noir • Br: matamatá-preto, matamatá-verdadeira, ripeiro.

HERBARIUM DATA (FG). — 239 collections at CAY. Sel. exs.: *P.A. Sagot* 269, 1854 (lectotype of *Eschweilera pallida*: BM[BM000795573], designated by Mori *et al.* [1990: 203]; isolecto-, S[S09-27917]).

INVENTORY DATA (FG). — 1787 trees in 145 plots;  $F_{\max} = 9\%$ ;  $dbh_{\text{inv}} = 88.5$  cm.

[702] *Eschweilera decolorans* Sandwith  
(Fig. 29B)

*Bull. Misc. Inform. Kew* 1932 (5): 214 [27 June 1932] (Sandwith 1932). — *Chytroma decolorans* (Sandwith) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 79 [22 Aug. 1939] (Knuth 1939).

*Eschweilera sandwithiana* A.C.Sm. & Beard, *J. Arnold Arbor.* 27 (3): 310 [15 July 1946] (Smith & Beard 1946).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: ulana elepali • Nt: baaka luabi • Br: ripeiro.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 1725.

INVENTORY DATA (FG). — 386 trees in 90 plots;  $F_{\max} = 4.7\%$ ;  $dbh_{\text{inv}} = 69.6$  cm.

[703] *Eschweilera grandiflora* (Aubl.) Sandwith  
(Fig. 28D)

*Kew Bull.* 10 (3): 472 [20 Dec. 1955] (Sandwith 1955). — *Lecythis grandiflora* Aubl., *Hist. Pl. Guiane* 2: 712 [Jun.-Dec. 1775] (Aublet 1775).

*Eschweilera alba* R.Knuth, *Repert. Spec. Nov. Regni Veg.* 38: 115 (Knuth 1935).

*Eschweilera fracta* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 110 [22 Aug. 1939] (Knuth 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-purubumna • Wp: mani'i • Nt: luabi • Br: castanharana, matamatá-rósea.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM000953843] designated by Mori *et al.* [1990: 216]).

INVENTORY DATA (FG). — 146 trees in 47 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 55.5$  cm.



FIG. 28. — Lecythisaceae: **A**, *Couratari calycina* Sandwith; **B**, *Couratari stellata* A.C.Sm. (D. Sabatier & J.-F. Molino 5340); **C**, *Couroupita guianensis* Aubl.; **D**, *Eschweilera grandiflora* (Aubl.) Sandwith (M.-F. Prévost & D. Sabatier 4826). © D. Sabatier/IRD.

[704] *Eschweilera laevicarpa* S.A.Mori

*Mem. New York Bot. Gard.* 44: 32 (Mori 1987).

VERNACULAR NAMES. — Nt: luabi • Br: matamatá-azulada.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 3391.

INVENTORY DATA (FG). — 18 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43.3$  cm.

[705] *Eschweilera micrantha* (O.Berg) Miers

*Trans. Linn. Soc. London* 30 (2): 260 [14 Nov. 1874] (Miers 1874). — *Lecythis micrantha* O.Berg, *Linnaea* 27 (4): 454 [“1854” publ. Feb. 1856] (Berg 1856).

*Lecythis gracilipes* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 203 (Sagot 1885). — *Eschweilera gracilipes* (Sagot) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 101 [22 Aug. 1939] (Knuth 1939).

*Eschweilera floribunda* Eyma, *Polygon. Guttif. Lecythis. Surinam* 74 (Eyma 1932).

*Eschweilera polyantha* A.C.Sm., *Bull. Torrey Bot. Club* 60 (6): 381 [1 June 1933] (Smith 1933).

NOTES. — Mori *et al.* (1990: 262) designated “*Mélinon 18*” as lectotype of *Lecythis gracilipes* Sagot. It is actually an unnumbered collection of Mélinon. “18” is not a collection number, but the beginning of the collecting year (1865), printed in advance on some 18th century labels at P. The last two digits have been added by hand only on some duplicates.

VERNACULAR NAMES. — Pa: avun-priye, avun-priyo • Ka: kuwateli, kwatili • Wp: ayā leme sili • Wn: ponoimé • Cr: mao-nwé • Br: matamatá.

HERBARIUM DATA (FG). — 110 collections at CAY. Sel. exs.: *E.M. Melinon s.n.* (lectotype of *Lecythis gracilipes*, P[P01900083] designated by Mori *et al.* [1990: 262]; isolecto-, F[V0044332F], G[G00369113], K[K000600250], MPU[MPU011047], P[P01900084, P01900085, P01900086, P01900087, P01900088, P01900089, P01900090, P01900091], US[00117432]).

INVENTORY DATA (FG). — 1310 trees in 111 plots;  $F_{\max} = 10.4\%$ ;  $dbh_{\text{inv}} = 117.1$  cm.

[706] *Eschweilera parviflora* (Aubl.) Miers

*Trans. Linn. Soc. London* 30 (2): 260 [14 Nov. 1874] (Miers 1874). — *Lecythis parviflora* Aubl., *Hist. Pl. Guiane* 2: 717 [Jun.-Dec. 1775] (Aublet 1775).

*Eschweilera grata* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 216 [27 June 1932] (Sandwith 1932).

*Eschweilera montana* A.C.Sm., *Amer. J. Bot.* 26 (6): 407 (Smith 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-seinó.

HERBARIUM DATA (FG). — 68 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM000795575] designated by Mori *et al.* [1990: 261]).

INVENTORY DATA (FG). — 806 trees in 68 plots;  $F_{\max} = 8.6\%$ ;  $dbh_{\text{inv}} = 110$  cm.

[707] *Eschweilera pedicellata* (Rich.) S.A.Mori  
(Fig. 29C)

*Mem. New York Bot. Gard.* 44: 34 (Mori 1987). — *Lecythis pedicellata* Rich., *Actes Soc. Hist. Nat. Paris* 1: 111 [Oct. 1792] (Richard 1792).

*Lecythis longipes* Poit., *Mém. Mus. Hist. Nat.* 13: 144 (Poiteau 1825). — *Eschweilera longipes* (Poit.) Miers, *Trans. Linn. Soc. London* 30 (2): 253 [14 Nov. 1874] (Miers 1874).

*Lecythis platycarpa* Poit., *Mém. Mus. Hist. Nat.* 13: 146 (Poiteau 1825), “*platicarpa*”. — *Lecythis longipes* var. *platycarpa* (Poit.) DC., *Prodr. [A. P. de Candolle]* 3: 292 [mid Mar. 1828] (Candolle 1828). — *Eschweilera platycarpa* (Poit.) Miers, *Trans. Linn. Soc. London* 30 (2): 258 [14 Nov. 1874] (Miers 1874). — *Lecythis longipes* f. *platycarpa* (Poit.) Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 205 (Sagot 1885). — *Eschweilera longipes* f. *platycarpa* (Poit.) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 101 [22 Aug. 1939] (Knuth 1939).

*Lecythis wulfschlaegiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 493 [1 Feb. 1858] (Berg 1858).

*Lecythis idatimonoides* O.Berg, *Fl. Bras. [Martius]* 14 (1): 496 [1 Feb. 1858] (Berg 1858). — *Eschweilera idatimonoides* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 252 [14 Nov. 1874] (Miers 1874).

*Lecythis pilosa* Poepp. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 500 [1 Feb. 1858] (Berg 1858). — *Eschweilera pilosa* (Poepp. ex O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 274 [14 Nov. 1874] (Miers 1874).

*Lecythis macrophylla* O.Berg, *Fl. Bras. [Martius]* 14 (1): 616 [15 Jan. 1859] (Berg 1859). — *Eschweilera macrophylla* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 263 [14 Nov. 1874] (Miers 1874).

*Lecythis basizone* O.Berg, *Fl. Bras. [Martius]* 14 (1): 617 [15 Jan. 1859] (Berg 1859).

*Lecythis longipes* f. *genuina* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 205 (Sagot 1885), *nom. inval.* (Turland *et al.* 2018): Art. 24.3). — *Eschweilera longipes* f. *genuina* (Sagot) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 104 [22 Aug. 1939] (Knuth 1939), *nom. inval.* (Turland *et al.* 2018): Art. 24.3).

*Chytroma perspicua* Miers, *Trans. Linn. Soc. London* 30 (2): 246 [14 Nov. 1874] (Miers 1874).

*Eschweilera flaccida* Miers, *Trans. Linn. Soc. London* 30 (2): 264 [14 Nov. 1874] (Miers 1874).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-seinó • Ka: kwatili, tamunen kuwateli • Wp: ayá leme, ayá leme sili • Nt: baaka aki • Cr: mao-blan, mao-nwé • Fr: mahot noir • Br: matamatá-branco, matamatá-roxa.

HERBARIUM DATA (FG). — 169 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (lectotype of *Lecythis platycarpa*: K[K000600210] designated by Mori *et al.* [1990: 243]).

INVENTORY DATA (FG). — 222 trees in 74 plots;  $F_{\max} = 4.5\%$ ;  $dbh_{\text{inv}} = 28.7$  cm.

[708] *Eschweilera piresii* S.A.Mori  
subsp. *viridipetala* S.A.Mori

*Mem. New York Bot. Gard.* 64: 229 (Mori 1990).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 20800 (holo-, NY[00000819] ; iso-, CAY[CAY027880]).

INVENTORY DATA (FG). — 6 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17.8$  cm.

[709] *Eschweilera sagotiana* Miers

*Trans. Linn. Soc. London* 30 (2): 262 [14 Nov. 1874] (Miers 1874).

*Lecythis parviflora* Sagot ex Miers, *Trans. Linn. Soc. London* 30 (2): 262 [14 Nov. 1874] (Miers 1874), *nom. nud. pro syn., nom. illeg. hom., non* Aubl. (Aublet 1775).

*Lecythis melinonii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 202 (Sagot 1885), “*Melinonis*”. — *Eschweilera melinonii* (Sagot) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 104 [22 Aug. 1939] (Knuth 1939), “*Melinonis*”.

*Lecythis jucunda* Benoist, *Notul. Syst. (Paris)* 3: 180 [25 Dec. 1915] (Benoist 1915). — *Eschweilera jucunda* (Benoist) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 102 [22 Aug. 1939] (Knuth 1939).

*Lecythis tapuya* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 594 (Benoist 1923). — *Eschweilera tapuya* (Benoist) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 106 [22 Aug. 1939] (Knuth 1939).

*Lecythis sagotiana* Benoist, *Arch. Bot.* 5 (Mém. 1): 214 [27 Mar. 1933] (Benoist 1933), *in clavi, nom. subnud.*

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). The epithet “*melinonis*” (in *Lecythis* and *Eschweilera*) is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8). *L. sagotiana* Benoist is apparently not based on *E. sagotiana* Miers.



FIG. 29. — Lecythidaceae: **A**, *Eschweilera alata* A.C.Sm. (M.-F. Prévost & D. Sabatier 4615); **B**, *Eschweilera decolorans* Sandwith (M.-F. Prévost 4214); **C**, *Eschweilera pedicellata* (Rich.) S.A.Mori (M.-F. Prévost 4257); **D**, *Lecythis persistens* Sagot subsp. *aurantiaca* S.A.Mori (D. Sabatier *et al.* 4404). A-C, © M.-F. Prévost/IRD; D, © J.-F. Molino/IRD.

VERNACULAR NAMES. — Pa: avun-duwē, avun-seinó • Ka: kuwateli, ulana elepali • Nt: baaka aki, luabi.

HERBARIUM DATA (FG). — 92 collections at CAY. Sel. exs.: *P.A. Sagot 1104*, 1858 (lecto-, BM[BM000953880], designated by Mori *et al.* [1990: 263], isolecto-, BR[BR0000005175567], F[V0044327E, V0061898F], G[G00369047], GH[GH00075280], K[K000600236, K000600237, K000600238], P[P01900102, P01900103, P01900104, P01900105, P01900106], S[S04-1253], U[U0007976]).

INVENTORY DATA (FG). — 2806 trees in 175 plots;  $F_{\max} = 16\%$ ;  $dbh_{\text{inv}} = 154$  cm.

[710] *Eschweilera squamata* S.A.Mori

*Mem. New York Bot. Gard.* 44: 33 (Mori 1987).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kwatri-wašiuone-priye • Nt: baaka aki.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15288* (holo-, NY[00000832]; iso-, CAY[CAY027882], K[K000600218], MG[MG126668], MO[MO-313122], NY[00000831], P[P01900115], U[U0003095]).

INVENTORY DATA (FG). — 42 trees in 19 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 77.3$  cm.

[711] *Eschweilera subglandulosa* (Steud. ex O.Berg) Miers

*Trans. Linn. Soc. London* 30 (2): 266 [14 Nov. 1874] (Miers 1874). — *Lecythis subglandulosa* Steud. ex O.Berg, *Linnaea* 27 (4): 459 [“1854” publ. Feb. 1856] (Berg 1856).

*Lecythis laevifolia* Griseb., *Fl. Brit. W.I. [Grisebach]* 711 [Oct. 1864] (Grisebach 1864), *nom. nud.*

*Eschweilera laevifolia* Miers, *Trans. Linn. Soc. London* 30 (2): 256 [14 Nov. 1874] (Miers 1874).

VERNACULAR NAMES. — Wp: siliwi, sulu iwi.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sibatier* 996.

SIZE. — Up to 35 m tall (Mori & Prance 1993).

[712] *Eschweilera wachenheimii* (Benoist) Sandwith

*Bull. Misc. Inform. Kew* 1932 (5): 215 [27 June 1932] (Sandwith 1932). — *Lecythis wachenheimii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 29: 594 (Benoist 1923).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: kuwateli, kwatili • Br: matamatá-mirim.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *G. Wachenheim* 359 (lecto-, P[P02284923, P02284924, P02284925], designated by Mori *et al.* [1990: 230]).

INVENTORY DATA (FG). — 92 trees in 34 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 36.9$  cm.

[713] *Eschweilera* sp. A

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sibatier* 4861.

INVENTORY DATA (FG). — 41 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.2$  cm.

[714] *Eschweilera* sp. B

NOTE. — A species close to *Eschweilera grandiflora* (Aubl.) Sandwith.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sibatier & J.-F. Molino* 4945.

INVENTORY DATA (FG). — 56 trees in 17 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 115$  cm.

Genus *Gustavia* L.

[715] *Gustavia augusta* L.

*Pl. Surin.*: 17 [23 June 1775] (Linnaeus 1775). — *Gustavia augusta* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (2): 1038 [“1791” publ. late Apr.-Oct. 1792] (Gmelin 1792), sphalm. — *Japarandiba augusta* (L.) Kuntze, *Revis. Gen. Pl.* 1: 240 [5 Nov. 1891] (Kuntze 1891).

*Pirigara tetrapetala* Aubl., *Hist. Pl. Guiane* 1: 487 [Jun.-Dec. 1775] (Aublet 1775). — *Gustavia tetrapetala* (Aubl.) DC., *Prodr. [A. P. de Candolle]* 3: 290 [mid Mar. 1828] (Candolle 1828). — *Grias tetrapetala* (Aubl.) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 37 [Feb. 1892] (Nieden zu 1892).

*Gustavia meizocarpa* Gaertn., *Fruct. Sem. Pl.* 2: 264 [Apr.-May 1791] (Gaertner 1791).

*Gustavia urceolata* Poit., *Mém. Mus. Hist. Nat.* 13: 156 (Poiteau 1825).

*Gustavia augusta* var. *guianensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 469 [1 Feb. 1858] (Berg 1858).

*Gustavia augusta* var. *brasiliensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 471 [1 Feb. 1858] (Berg 1858).

*Gustavia augusta* var. *calycaris* O.Berg, *Fl. Bras. [Martius]* 14 (1): 471 [1 Feb. 1858] (Berg 1858). — *Gustavia calycaris* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 185 [14 Nov. 1874] (Miers 1874).

*Gustavia augusta* var. *verrucosa* Mart. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 471 [1 Feb. 1858] (Berg 1858).

*Gustavia insignis* Willd. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 471 [1 Feb. 1858] (Berg 1858), *nom. nud. pro syn.*

*Gustavia poeppigiana* O.Berg var. *rigida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 471 [1 Feb. 1858] (Berg 1858).

*Gustavia membrillo* Appun, *Bot. Sam. Venez.* 34 (Appun 1858).

*Gustavia insignis* Linden ex Hook., *Bot. Mag.* 84: t. 5069 (Hooker 1858).

*Gustavia brasiliensis* E.Morren, *Ann. Hort. Belge Étrangère* 16: 201 (Morren 1866).

*Gustavia theophrasta* Linden, *Ill. Hort.* 20: 70 (Linden 1873).

*Gustavia laciniosa* Miers, *Trans. Linn. Soc. London* 30 (2): 178 [14 Nov. 1874] (Miers 1874).

*Gustavia antillana* Miers, *Trans. Linn. Soc. London* 30 (2): 179 [14 Nov. 1874] (Miers 1874). — *Japarandiba antillana* (Miers) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 37 [Feb. 1892] (Nieden zu 1892).

*Gustavia marcgraaviana* Miers, *Trans. Linn. Soc. London* 30 (2): 183 [14 Nov. 1874] (Miers 1874). — *Japarandiba marcgraaviana* (Miers) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 37 [Feb. 1892] (Nieden zu 1892).

*Gustavia mexiana* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 136 [22 Aug. 1939] (Knuth 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wakukwa-adava • Ka: akuli elepali, alepawana, pirigamepé (*vide* Aublet 1775) • Te: tapakadja'i • Wp: a'i walipi • Wn: pisusukimë • Nt: man tapupa • Cr: bwa-pian • Br: castanha-fedorenta, jenipaporana, mucurão.

HERBARIUM DATA (FG). — 103 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25667.

INVENTORY DATA (FG). — 81 trees in 29 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.3$  cm.

[716] *Gustavia hexapetala* (Aubl.) Sm.

*Cycl. [Rees]* 17: (*Gustavia* no. 2) [8 Mar. 1811] (Smith 1811). — *Pirigara hexapetala* Aubl., *Hist. Pl. Guiane* 1: 490 [Jun.-Dec. 1775] (Aublet 1775). — *Gustavia fastuosa* Willd., *Sp. Pl.*, ed. 4 3 (1): 847 (Willdenow 1800), *nom. illeg. superfl.* (based on *Pirigara hexapetala*). — *Japarandiba fastuosa* Kuntze, *Revis. Gen. Pl.* 1: 240 [5 Nov.

1891] (Kuntze 1891). — *Japarandiba hexapetala* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 240 [5 Nov. 1891] (Kuntze 1891).

*Gustavia pterocarpa* Poit., *Mém. Mus. Hist. Nat.* 13: 158 (Poiteau 1825). — *Japarandiba pterocarpa* (Poit.) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 37 [Feb. 1892] (Niedenzu 1892).

*Gustavia brasiliensis* DC., *Prodr. [A. P. de Candolle]* 3: 290 [mid Mar. 1828] (Candolle 1828). — *Japarandiba brasiliensis* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 240 [5 Nov. 1891] (Kuntze 1891).

*Gustavia brasiliensis* var. *minor* DC., *Prodr. [A. P. de Candolle]* 3: 290 [mid Mar. 1828] (Candolle 1828).

*Gustavia fastuosa* var. *angustisepala* O.Berg, *Fl. Bras. [Martius]* 14 (1): 473 [1 Feb. 1858] (Berg 1858).

*Gustavia fastuosa* var. *latisejala* O.Berg, *Fl. Bras. [Martius]* 14 (1): 473 [1 Feb. 1858] (Berg 1858).

*Gustavia microcarpa* Pilg., *Verh. Bot. Vereins Prov. Brandenburg* 47: 164 [1 Oct. 1905] (Pilger 1905).

*Gustavia eximia* Pittier, *Arb. Arbust. Venez.* 1: 9 (Pittier 1921).

*Gustavia fustis-mortui* Pittier, *Bol. Ci. Tècn. Mus. Comercial Venezuela* 1: 64 (Pittier 1925).

*Eschweilera carrii* Standl., *Trop. Woods* 29: 7 (Standley 1932).

NOTES. — Hyperdominant in Amazonia (ter Steege et al. 2020). *Japarandiba fastuosa* Kuntze is based on the illegitimate *Gustavia fastuosa* Willd., hence authorship is not “(Willd.) Kuntze”.

VERNACULAR NAMES. — Pa: wakukwa-adava-kamwi • Ka: alepawana enekan • Wp: a’i walipi sili • Nt: man tapupa • Cr: mal-bwa-pian • Br: jenipaporana, matamataica.

HERBARIUM DATA (FG). — 103 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000583750]).

INVENTORY DATA (FG). — 1082 trees in 177 plots;  $F_{\max} = 6.3\%$ ;  $dbh_{\text{inv}} = 37.6$  cm.

## Genus *Lecythis* Loefl.

### [717] *Lecythis chartacea* O.Berg

*Linnaea* 27 (4): 450 [“1854” publ. Feb. 1856] (Berg 1856). — *Chytroma chartacea* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 231 [14 Nov. 1874] (Miers 1874). — *Eschweilera chartacea* (O.Berg) Eyma, *Polygon. Guttif. Lecythid. Surinam* 70 (Eyma 1932).

*Lecythis monosperma* Mart. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 485 [1 Feb. 1858] (Berg 1858). — *Chytroma monosperma* (Mart. ex O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 239 [14 Nov. 1874] (Miers 1874).

*Lecythis spruceana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 487 [1 Feb. 1858] (Berg 1858). — *Eschweilera spruceana* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 40 [Feb. 1892] (Niedenzu 1892). — *Chytroma spruceana* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 235 [14 Nov. 1874] (Miers 1874).

*Lecythis rorida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 488 [1 Feb. 1858] (Berg 1858). — *Chytroma rorida* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 243 [14 Nov. 1874] (Miers 1874). — *Eschweilera rorida* (O.Berg) A.C.Sm., *Phytologia* 1 (3): 124 [21 Jan. 1935] (Smith 1935).

*Lecythis marawynensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 489 [1 Feb. 1858] (Berg 1858). — *Chytroma marawynensis* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 245 [14 Nov. 1874] (Miers 1874). — *Eschweilera marawynensis* (O.Berg) Nied., *Enum. Vasc. Pl. Surinam* 332 (Niedenzu 1906).

*Lecythis langsdorffii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 615 [15 Jan. 1859] (Berg 1859). — *Chytroma langsdorffii* (O.Berg) R.Knuth, *Pflanzenz. [Engler]* IV.219a (Heft 105): 87 [22 Aug. 1939] (Knuth 1939).

*Lecythis cupularis* Miers, *Trans. Linn. Soc. London* 30 (2): 224 [14 Nov. 1874] (Miers 1874). — *Chytroma cupularis* (Miers) R.Knuth, *Pflanzenz. [Engler]* IV.219a (Heft 105): 85 [22 Aug. 1939] (Knuth 1939).

*Lecythis laevicula* Miers, *Trans. Linn. Soc. London* 30 (2): 224 [14 Nov. 1874] (Miers 1874). — *Chytroma laevicula* (Miers) R.Knuth, *Pflanzenz. [Engler]* IV.219a (Heft 105): 80 [22 Aug. 1939] (Knuth 1939).

*Chytroma cistella* Miers, *Trans. Linn. Soc. London* 30 (2): 233 [14 Nov. 1874] (Miers 1874).

*Chytroma urceolata* Miers, *Trans. Linn. Soc. London* 30 (2): 237 [14 Nov. 1874] (Miers 1874).

*Chytroma pilacarpa* Miers, *Trans. Linn. Soc. London* 30 (2): 238 [14 Nov. 1874] (Miers 1874).

*Eschweilera rigida* Miers, *Trans. Linn. Soc. London* 30 (2): 249 [14 Nov. 1874] (Miers 1874). — *Lecythis rigida* (Miers) R.Knuth, *Repert. Spec. Nov. Regni Veg. Beih.* 43: 512 (Knuth 1927).

*Cercophora anomala* Miers, *Trans. Linn. Soc. London* 30 (2): 301 [14 Nov. 1874] (Miers 1874).

*Eschweilera brancoensis* R.Knuth, *Repert. Spec. Nov. Regni Veg.* 38: 115 (Knuth 1935).

NOTES. — Mori (Mori et al. 1990: 321) listed a name “*Lecythis chartacea* Berg. var. *calyce* Sagot” that has no botanical standing. Indeed, Sagot (1885: 203) wrote “*Lecythis chartacea* Berg., var. *calyce* et *axi* *racemi* *griseo-puberulis*; (*L. marowynensis* Berg, tab Flor. Bras.)”. Therefore, “*calyce*” is not an epithet, but the first word of a descriptive sentence. Sagot’s intention was apparently to make *L. marowynensis* (“*marowynensis*”) Berg a variety of *L. chartacea*, but he did not formally do so.

VERNACULAR NAMES. — Ka: toko • Wp: ka’i ka’i nu’a • Cr: mao-blán, mao-kwatari, mao-pilon • Br: cachimbo, jaraná-mirim.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *S.A. Mori et al.* 15702.

INVENTORY DATA (FG). — 52 trees in 26 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 94$  cm.

### [718] *Lecythis confertiflora* (A.C.Sm.) S.A.Mori

*Mem. New York Bot. Gard.* 44: 31 (Mori 1987). — *Eschweilera confertiflora* A.C.Sm., *Amer. J. Bot.* 26 (6): 409 (Smith 1939).

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *D. Sabatier* 2529.

INVENTORY DATA (FG). — 191 trees in 35 plots;  $F_{\max} = 3.8\%$ ;  $dbh_{\text{inv}} = 54.1$  cm.

[719] *Lecythis congestiflora* Benoist

*Notul. Syst. (Paris)* 3: 177 [25 Dec. 1915] (Benoist 1915). — *Eschweilera congestiflora* (Benoist) Eyma, *Polygon. Guttif. Lecythid. Surinam*: 71 (Eyma 1932). — *Chytroma congestiflora* (Benoist) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 78 [22 Aug. 1939] (Knuth 1939).

NOTES. — Known only from the Guiana Shield. According to Mori *et al.* (2017), this species is better placed in *Lecythis* than in *Eschweilera*.

VERNACULAR NAMES. — Ka: kuwateli, kwatili • Nt: baaka aki.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *R. Benoist* 578 (lecto-, P[P01900098], designated by Mori *et al.* [1990: 213]; isolecto-, P[P02284914]).

INVENTORY DATA (FG). — 332 trees in 80 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 71.3$  cm.

[720] *Lecythis corrugata* Poit.

*Mém. Mus. Hist. Nat.* 13: 146 (Poiteau 1825). — *Eschweilera corrugata* (Poit.) Miers, *Trans. Linn. Soc. London* 30 (2): 253 [14 Nov. 1874] (Miers 1874). — *Chytroma corrugata* (Poit.) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 78 [22 Aug. 1939] (Knuth 1939).

*Lecythis salebrosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 488 [1 Feb. 1858] (Berg 1858). — *Chytroma salebrosa* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 240 [14 Nov. 1874] (Miers 1874). — *Eschweilera salebrosa* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 40 [Feb. 1892] (Nieden zu 1892).

*Lecythis martinii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 616 [15 Jan. 1859] (Berg 1859), “*martini*”.

*Lecythis venusta* Miers, *Trans. Linn. Soc. London* 30 (2): 214 [14 Nov. 1874] (Miers 1874).

*Lecythis cognata* Miers, *Trans. Linn. Soc. London* 30 (2): 215 [14 Nov. 1874] (Miers 1874).

*Lecythis rubicunda* Miers, *Trans. Linn. Soc. London* 30 (2): 226 [14 Nov. 1874] (Miers 1874).

*Chytroma basilaris* Miers, *Trans. Linn. Soc. London* 30 (2): 239 [14 Nov. 1874] (Miers 1874).

*Chytroma rubriflora* Miers, *Trans. Linn. Soc. London* 30 (2): 241 [14 Nov. 1874] (Miers 1874).

*Cymbopetalum venosum* Gleason, *Bull. Torrey Bot. Club* 54 (8): 607 [Nov. 1927] (Gleason 1927), *pro parte quoad folia tantum*.

*Eschweilera jenmanii* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 102 [22 Aug. 1939] (Knuth 1939).

*Eschweilera patrisii* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 105 [22 Aug. 1939] (Knuth 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-priye, avun-priyo • Ka: kuwateli, kwatili, kwatili tamunen, tapilen kuwatili • Wp: talaiwi • Wn: pukut • Nt: kwanda • Cr: mao-rouj • Br: ripeiro.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (Lectotype K[K000600133] designated by Mori [Mori *et al.* 1990: 277]).

INVENTORY DATA (FG). — 293 trees in 55 plots;  $F_{\max} = 5.2\%$ ;  $dbh_{\text{inv}} = 76$  cm.

[721] *Lecythis holcogyne* (Sandwith) S.A.Mori

*Brittonia* 33 (3): 363 (Mori 1981). — *Eschweilera holcogyne* Sandwith, *Bull. Misc. Inform. Kew* 1935 (3): 126 [20 May 1935] (Sandwith 1935). — *Chytroma holcogyne* (Sandwith) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 79 [22 Aug. 1939] (Knuth 1939).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: avun-duwë, avun-seine, kwatri-seinó • Nt: luabi.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4177.

INVENTORY DATA (FG). — 155 trees in 65 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 90$  cm.

[722] *Lecythis idatimon* Aubl.

*Hist. Pl. Guiane* 2: 721 [Jun.-Dec. 1775] (Aublet 1775). — *Chytroma idatimon* (Aubl.) Miers, *Trans. Linn. Soc. London* 30 (2): 239 [14 Nov. 1874] (Miers 1874). — *Eschweilera idatimon* (Aubl.) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 40 [Feb. 1892] (Nieden zu 1892).

*Lecythis amara* Aubl., *Hist. Pl. Guiane* 2: 716 [Jun.-Dec. 1775] (Aublet 1775), *pro parte quoad folia tantum*. — *Chytroma amara* (Aubl.) Miers, *Trans. Linn. Soc. London* 30 (2): 231 [14 Nov. 1874] (Miers 1874). — *Eschweilera amara* (Aubl.) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 40 [Feb. 1892] (Nieden zu 1892).

*Lecythis lutea* Aubl., *Hist. Pl. Guiane* 2: 721 [Jun.-Dec. 1775] (Aublet 1775). — *Eschweilera lutea* (Aubl.) Miers, *Trans. Linn. Soc. London* 30 (2): 254 [14 Nov. 1874] (Miers 1874).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avun-duwó • Ka: toko • Te: watili • Wp: siliwi, sulu iwi, talaiwi si • Wn: pukut • Nt: lebi luabi, luabi • Cr: mao-rouj • Fr: mahot rouge • Br: jatereu, matamatá.

HERBARIUM DATA (FG). — 123 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (Lectotype BM[BM000953839] designated by Mori [1990: 282]; isolecto-, BM[BM000953840], S[S04-1247]).

INVENTORY DATA (FG). — 1900 trees in 122 plots;  $F_{\max} = 19.4\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[723] *Lecythis persistens* Sagot subsp. *persistens*

*Ann. Sci. Nat., Bot. sér.* 6, 20: 201 (Sagot 1885).

*Eschweilera ovalis* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 104 [22 Aug. 1939] (Knuth 1939).

*Lecythis alba* Aubl. ex S.A.Mori, *Brittonia* 30: 120 (Mori 1978), *nom. nud.*

VERNACULAR NAMES. — Pa: avun-seine, kwatri-wašiune-seinó • Ka: kwatili tabulu • Te: watili tsing • Wp: talaiwi si • Nt: lebi luabi • Cr: mao-rouj • Fr: mahot rouge • Br: matamatá.

HERBARIUM DATA (FG). — 156 collections at CAY. Sel. exs.: *E.M. Mélinon* 59 (lecto-, P[P00723498] designated by Mori [1990: 286]).

INVENTORY DATA (FG). — 4566 trees in 206 plots;  $F_{\max} = 14\%$ ;  $dbh_{\text{inv}} = 65.6$  cm.



[724] *Lecythis persistens* subsp. *aurantiaca* S.A.Mori  
(Fig. 29D)

*Mem. New York Bot. Gard.* 44: 32 (Mori 1987).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: avun-duwō • Te: watili tsing • Cr: mao-blan • Br: matamata.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *S.A. Mori et al.* 15075 (holo-, NY[00312044, 00312103]; iso-, CAY[CAY027885], K[K000600123], U[U0003108], WIS[v 0255904 WIS]).

INVENTORY DATA (FG). — 41 trees in 15 plots;  $F_{\max} = 2.7\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[725] *Lecythis pneumatophora* S.A.Mori

*Fl. Neotrop. Monogr.* 21 (2): 288 [10 Apr. 1990] (Mori 1990).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Nt: sabana luabi • Cr: mao-marikaj • Fr: mahot marécege.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *S.A. Mori & Y. Veyret* 8983 (holo-, NY[00000884, 00285206]; iso-, P[P00723487]).

INVENTORY DATA (FG). — 7 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[726] *Lecythis poiteau* O.Berg

*Fl. Bras. [Martius]* 14 (1): 615 [15 Jan. 1859] (Berg 1859). — *Jugastrum poiteau* (O.Berg) Miers, *Trans. Linn. Soc. London* 30 (2): 279 [14 Nov. 1874] (Miers 1874). — *Eschweilera poiteau* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 40 [Feb. 1892] (Niedenau 1892).

*Lecythis racemiflora* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 200 (Sagot 1885).

*Chytroma foetida* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 85 [22 Aug. 1939] (Knuth 1939).

VERNACULAR NAMES. — Pa: kwatri-duwō, kwatri-purubumna, kwatri-wašiuene • Te: watili pitāg • Wp: mani'i • Nt: luabi, meli • Cr: mao-jōnn • Fr: mahot jaune • Br: jaraná-amarela.

HERBARIUM DATA (FG). — 91 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material P[P00723483, P00723484, P00723485, P00723486, P00723488]).

INVENTORY DATA (FG). — 766 trees in 171 plots;  $F_{\max} = 5.8\%$ ;  $dbh_{\text{inv}} = 83.1$  cm.

[727] *Lecythis praeclara* (Sandwith)

S.A.Mori ex Molino & Sabatier, comb. nov.

*Eschweilera praeclara* Sandwith, *Bull. Misc. Inform. Kew* 1935 (3): 127 [20 May 1935] (Sandwith 1935).

NOTES. — Known only from the Guiana Shield. Mori & Prance (Mori *et al.* 1990: 313) hesitantly placed *Eschweilera praeclara* in

synonymy under *L. holcogyne*, specifying that it has “flowers and fruits intermediate in size between *L. holcogyne* and *L. chartacea*”. They further hypothesized that *E. praeclara* could be a hybrid between these two *Lecythis* species. Since then, Scott Mori has become convinced that it was indeed a distinct species, whether or not it was the result of hybridization, as proven by the determinative “*L. praeclara* (Sandwith) Mori” that he affixed to several specimens, notably at CAY. More recently, he has personally and repeatedly reasserted this position to the first two authors of the present work, at the same time explaining his reluctance to publish this new combination because of the uncertainty of the generic limits of *Lecythis*, which has been shown by genetic studies to be polyphyletic (Mori *et al.* 2017). Even so, these studies have provided evidence that *E. praeclara*, as well as *E. congestiflora* and *E. simiorum* are distant from the core *Eschweilera*, and grouped together with several *Lecythis* species (including *L. holcogyne*) in a “*Chartacea* clade” (Mori *et al.* 2017). Furthermore, *L. praeclara* appeared distinct from *L. holcogyne* (Mori *et al.* 2017). We are therefore in the presence of a taxon whose valid name is still *E. praeclara* although it does not belong to this genus. Even if it is on a provisional basis (the provisional often lasts decades when it comes to botanical nomenclature), it seems to us necessary to remove this taxon from the genus *Eschweilera*, and this can only be done, for the time being, by a transfer into *Lecythis*.

VERNACULAR NAMES. — Pa: kwatri-seinō.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *S.A. Mori et al.* 15701.

INVENTORY DATA (FG). — 32 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 72.3$  cm.

[728] *Lecythis simiorum* Benoist

*Notul. Syst. (Paris)* 3: 178 [25 Dec. 1915] (Benoist 1915). — *Eschweilera simiorum* (Benoist) Eyma, *Polygon. Guttif. Lecythid. Surinam*: 81 (Eyma 1932). — *Chytroma simiorum* (Benoist) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 81 [22 Aug. 1939] (Knuth 1939).

*Eschweilera simiorum* var. *latifolia* Eyma, *Polygon. Guttif. Lecythid. Surinam* 81 (Eyma 1932). — *Chytroma simiorum* var. *latifolia* (Eyma) R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 82 [22 Aug. 1939] (Knuth 1939).

*Chytroma crenata* R.Knuth, *Pflanzenr. [Engler]* IV.219a (Heft 105): 84 [22 Aug. 1939] (Knuth 1939).

NOTE. — According to Mori *et al.* (2017), this species is better placed in *Lecythis* than in *Eschweilera*.

VERNACULAR NAMES. — Pa: kwatri-wašiuene-seine • Ka: meku kuwaili • Wp: a'i amiya • Wn: pukut.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *R. Benoist* 1065 (lecto-, P[P01900116], designated by Mori *et al.* [1990: 215]; isolecto-, K[K000600162], P[P04561962]).

INVENTORY DATA (FG). — 74 trees in 54 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37.7$  cm.

[729] *Lecythis zabucajo* Aubl.

*Hist. Pl. Guiane* 2: 718 [Jun.-Dec. 1775] (Aublet 1775), *pro parte quoad fructum tantum* (*Hist. Pl. Guiane* 4: pl. 283 in pl. 285 [Jun.-Dec. 1775] (Aublet 1775)).

*Lecythis validissima* Miers, *Trans. Linn. Soc. London* 30 (2): 205 [14 Nov. 1874] (Miers 1874).

*Lecythis crassinoda* Miers, *Trans. Linn. Soc. London* 30 (2): 216 [14 Nov. 1874] (Miers 1874), *pro parte quoad fructum tantum*.

*Lecythis tumefacta* Miers, *Trans. Linn. Soc. London* 30 (2): 216 [14 Nov. 1874] (Miers 1874).

*Lecythis lecomtei* Pamp., *Agric. Colon.* 10: 633 (Pampanini 1916).

*Lecythis davisii* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 213 [27 June 1932] (Sandwith 1932).

*Lecythis davisii* var. *gracilipes* Eyma, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 4: 77 (Eyma 1932).

*Lecythis hians* A.C.Sm., *Phytologia* 1 (3): 123 [21 Jan. 1935] (Smith 1935).

VERNACULAR NAMES. — Pa: wakukwa-adava • Ka: kuasa tumali, yalakalu tumali epi • Te: titikö • Wp: ka'i nu'a, tukuke, yapukay, yāpukay • Wn: tula, tulaimë • Nt: kwata patu, kwatan patu • Cr: kanari-makak • Fr: canari macaque, marmite de singe (*fide* Aublet 1775) • Br: castanha-sapucaia, marmita-de-macaco, sapucaia.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: S.A. Mori *et al.* 25034.

INVENTORY DATA (FG). — 120 trees in 83 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 105$  cm.

Family LEGUMINOSAE Juss.  
(alternative name: FABACEAE Lindl.)

NOTE. — According to LPWG *et al.* (2017), the genera listed here belong to five of the six subfamilies of Leguminosae:

– subfam. Caesalpinioideae (underlined genera belong to the mimosoid clade): *Abarema*, *Acacia*, *Albizia*, *Anadenanthera*, *Batesia*, *Calliandra*, *Cassia*, *Cedrelinga*, *Chamaecrista*, *Chloroleucon*, *Dimorphandra*, *Dinizia*, *Enterolobium*, *Hydrochorea*, *Inga*, *Leucaena*, *Macrosamanea*, *Parkia*, *Pentaclethra*, *Pseudopiptadenia*, *Recordoxylon*, *Senegalia*, *Senna*, *Stryphnodendron*, *Tachigali*, *Vouacapoua*, *Zygia*.

– subfam. Cercidioideae: *Bauhinia*.

– subfam. Detarioideae: *Copaifera*, *Crudia*, *Cynometra*, *Eperua*, *Macarolobium*, *Paloue*, *Peltogyne*.

– subfam. Dialioideae: *Dialium*, *Dicorynia*, *Martiodendron*.

– subfam. Papilionoideae: *Alexa*, *Amphiodon*, *Andira*, *Bocoa*, *Candolleodendron*, *Clathrotropis*, *Diploptropis*, *Dipteryx*, *Dussia*, *Erythrina*, *Guianodendron*, *Hymenolobium*, *Leptolobium*, *Limadendron*, *Lonchocarpus*, *Monopteryx*, *Ormosia*, *Paramachaerium*, *Platymiscium*, *Pterocarpus*, *Spirotropis*, *Swartzia*, *Taralea*, *Vatairea*, *Vataireopsis*, *Zollernia*.

Genus *Abarema* Pittier

[730] *Abarema barbouriana*  
(Standl.) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 70 (Barneby & Grimes 1996). — *Pithecellobium barbourianum* Standl., *Contr. Arnold Arbor.* 5: 74 (Standley 1933), "*Pithecolobium*".

*Albizia dubia* Britton & Killip, *Ann. New York Acad. Sci.* 35: 132 [1 Apr. 1936] (Britton & Killip 1936), "*Albizzia* (?) *dubia*".

*Pithecellobium fanshawei* Sandwith, *Kew Bull.* 3 (2): 314 [20 Nov. 1948] (Sandwith 1948).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: O. Poncey 901.

INVENTORY DATA (FG). — 27 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.1$  cm.

[731] *Abarema curvicarpa*  
(H.S.Irwin) Barneby & J.W.Grimes

*Acta Amazonica* 14 (1-2, Suppl.): 95 ["1984" publ. 1986] (Barneby & Grimes 1986). — *Pithecellobium curvicarpum* H.S.Irwin, *Mem. New York Bot. Gard.* 15: 107 (Irwin 1966).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: kabanafoo.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: J.W. Grimes *et al.* 3312.

INVENTORY DATA (FG). — 18 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 130$  cm.

[732] *Abarema gallorum* Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 51 (Barneby & Grimes 1996).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: J.-P. Lescuré 877 (holo-, P[P00199787]; iso-, CAY[CAY028065, CAY028066], NY[00001428]).

INVENTORY DATA (FG). — 44 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.1$  cm.

[733] *Abarema jupunba* (Willd.) Britton & Killip  
var. *jupunba*

*Ann. New York Acad. Sci.* 35: 126 [1 Apr. 1936] (Britton & Killip 1936). — *Acacia jupunba* Willd., *Sp. Pl.*, ed. 4 4 (2): 1067 [Apr. 1806] (Willdenow 1806). — *Feuilleea jupunba* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 185 [5 Nov. 1891] (Kuntze 1891), "*jupunba*". — *Pithecellobium jupunba* (Willd.) Urb., *Symb. Antill. [Urban]* 2 (2): 257 [20 Oct. 1900] (Urban 1900), "*Pithecolobium*". — *Jupunba jupunba* (Willd.) Britton & Rose, *N. Amer. Fl.* 23 (1): 27 [11 Feb. 1928] (Britton & Rose 1928).

*Pithecellobium micradenium* Benth., *London J. Bot.* 3: 217 (Bentham 1844). — *Feuilleea micradenia* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Pithecellobium brongniartii* Duchass. & Walp., *Flora* 36: 232 (Duchassaing & Walpers 1853).

NOTES. — *Feuilleea jupunba* (Willd.) Kuntze is based on "*Acacia jupunba* W.", but includes *Mimosa trapezifolia* Vahl in synonymy. Barneby & Grimes (1996: 69) cited it twice, as a synonym of var. *jupunba* as "*F. jupunba* [sic] (Willdenow) O. Kuntze", and as a synonym of var. *trapezifolia* as "*F. jupunba* (Vahl) Kuntze". The latter does not exist, and should not be cited.

VERNACULAR NAMES. — Pa: yuumwi-wašiuunu • Ka: kalaip'e'u, kalaipiu, kalape'u • Te: akiki nami • Wp: kalaip'e'i, kwata luway • Wn: kalaujalan • Nt: busi kabana foo, tamalen • Cr: akasya, bougouni-ti'fey • Fr: bois macaque des bancs de sable • Br: angelim-falso, pau-bicho, saboeiro.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2805*.

INVENTORY DATA (FG). — 190 trees in 109 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 101.2$  cm.

[734] *Abarema jupunba* var. *trapezifolia*  
(Vahl) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 69 (Barneby & Grimes 1996). — *Mimosa trapezifolia* Vahl, *Eclog. Amer.* 3: 36 (Vahl 1807). — *Inga trapezifolia* (Vahl) DC., *Prodr. [A. P. de Candolle]* 2: 441 [mid Nov. 1825] (Candolle 1825). — *Pithecellobium trapezifolium* (Vahl) Benth., *J. Bot. [Hooker]* 2: 142 (Bentham 1840), "*Pithecolobium*". — *Abarema trapezifolia* (Vahl) Pittier, *Arb. Arbust. Venez.* 6-8: ? [Aug.-Sep. 1927] (Pittier 1927). — *Jupunba trapezifolia* (Vahl) Moldenke, *Bull. Torrey Bot. Club* 59 (3): 155 [Mar. 1932] (Moldenke 1932).

*Mimosa atakta* Steud., *Flora* 26 (45): 758 [17 Dec. 1843] (Steudel 1843).

*Pithecellobium benthamianum* Miq., *Linnaea* 18: 592 ["1844" publ. prob. Aug. 1845] (Miquel 1845).

VERNACULAR NAMES. — Wp: kalaip'e'i.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *S.A. Mori et al. 23938*.

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54$  cm.

[735] *Abarema laeta* (Benth.) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 79 (Barneby & Grimes 1996). — *Pithecellobium laetum* Benth., *London J. Bot.* 3: 203 (Bentham 1844), "*Pithecolobium*". — *Inga laeta* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 80 [23-25 Jan. 1845] (Poeppig 1845). — *Feuilleea laeta* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891). — *Klugiodendron laetum* (Benth.) Britton & Killip, *Ann. New York Acad. Sci.* 35: 126 [1 Apr. 1936] (Britton & Killip 1936).

*Pithecellobium polycarpum* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 81 [23-25 Jan. 1845] (Poeppig 1845), "*Pithecolobium*".

*Klugiodendron umbrianum* Britton & Killip, *Ann. New York Acad. Sci.* 35: 126 [1 Apr. 1936] (Britton & Killip 1936).

NOTES. — Although *Pithecellobium laetum* Benth. is based on Poeppig's manuscript and on the same type as *Inga laeta* Poepp., the latter was described independently, as a new species (see annotation by Ernst Vitek dated 2007 on the holotype of *I. laeta*, *E.F. Poeppig 2367* [W[W0013462]). Poeppig is the sole author of the vol. 3 of *Nova Genera ac species plantarum* (Stafleu & Cowan, 1983: TL-2-8091).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.W. Grimes & P. Acevedo-Rodríguez 3322*, height 30 m.

[736] *Abarema mataybifolia* (Sandwith) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 78 (Barneby & Grimes 1996). — *Pithecellobium mataybifolium* Sandwith, *Kew Bull.* 3 (2): 313 [20 Nov. 1948] (Sandwith 1948).

VERNACULAR NAMES. — Wp: kalaip'e'i.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier 3536*.

INVENTORY DATA (FG). — 73 trees in 40 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 46.6$  cm.

[737] *Abarema* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4425*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.6$  cm.

Genus *Acacia* Mill.

[738] *Acacia mangium* Willd.

*Sp. Pl.*, ed. 4 4 (2): 1053 [Apr. 1806] (Willdenow 1806). — *Racosperma mangium* (Willd.) Pedley, *Austrobaileya* 2 (4): 352 (Pedley 1987).

NOTE. — A species native to East Malesia (from Maluku to N. Australia), introduced in most tropical regions, now invasive in some northern French Guiana savannas.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *C. Delnatte 1556*.

Genus *Albizia* Durazz.

[739] *Albizia niopoides* (Spruce ex Benth.) Burkart

*Legum. Argent.*, ed. 2: 542 (Burkart 1952). — *Pithecellobium niopoides* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 591 [10 Apr. 1875] (Bentham 1875), "*Pithecolobium*". — *Feuilleea niopoides* (Spruce ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Gagnebina richardiana* Wall. ex Voigt, Hort. Suburb. Calcutt. 257 (Voigt 1845), *nom. nud.*

*Pithecellobium caribaeum* Urb., *Symb. Antill. [Urban]* 2 (2): 260 [20 Oct. 1900] (Urban 1900), "*Pithecolobium*". — *Albizia caribaea* (Urb.) Britton & Rose, *N. Amer. Fl.* 23 (1): 44 [11 Feb. 1928] (Britton & Rose 1928), "*Albizzia*".

*Pithecellobium hassleri* Chodat, *Bull. Herb. Boissier*, sér. 2, 4: 483 (Chodat 1904), "*Pithecolobium*". — *Albizia hassleri* (Chodat) Burkart, *Darwiniana* 7 (4): 517 (Burkart 1947), "*Albizzia*".

*Senegalia liebmanni* Britton & Rose, *N. Amer. Fl.* 23 (2): 116 [25 Sep. 1928] (Britton & Rose 1928).

*Senegalia guacamayo* Britton & Killip, *Ann. New York Acad. Sci.* 35: 142 [1 Apr. 1936] (Britton & Killip 1936). — *Acacia guacamayo* (Britton & Killip) Standl., *Trop. Woods* 52: 26 (Standley 1937). — *Albizia guacamayo* (Britton & Killip) L.Cárdenas, *Ernstia*, ser. 2, 1 (4): 133 (Cárdenas 1992).

HERBARIUM DATA (FG). — A single collection, *D. Loubry* 1579.

INVENTORY DATA (FG). — 1 tree, dbh = 25.3 cm.

[740] *Albizia pedicellaris* (DC.) L.Rico

*Novon* 9 (4): 555 [winter 1999] (Rico 1999). — *Inga pedicellaris* DC., *Prodr. [A. P. de Candolle]* 2: 441 [mid Nov. 1825] (Candolle 1825). — *Pithecellobium pedicellare* (DC.) Benth., *London J. Bot.* 3: 219 (Bentham 1844), “*Pithecolobium*”. — *Feuilleea pedicellaris* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891). — *Samanea pedicellaris* (DC.) Killip, *Trop. Woods* 63: 4 (Killip 1940). — *Macrosamanea pedicellaris* (DC.) Kleinhoonte, *Fl. Suriname* 2 (2): 329 (Kleinhoonte 1940). — *Balizia pedicellaris* (DC.) Barneby & J.W.Grimes, *Mem. New York Bot. Gard.* 74 (1): 37 (Barneby & Grimes 1996).

*Mimosa terminalis* Vell., *Fl. Flumin. Icon.* 11: t. 30 [“1827” publ. 29 Oct. 1831] (Vellozo 1831), *nom. illeg. hom., non* Salisb. (Salisbury 1796). — *Feuilleea terminalis* Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: avukun-kamwi • Ka: alawata muleli, alesiky'i • Wp: yapu'i, yapu'i pilá • Nt: asao • Cr: bougouni-blanc, bwa-makak, bwa-pagód-ti-féy • Fr: bois pagode • Br: apuxiqui, gambui, jurema-branca, mapuxiqui-vermelho, sobreiro.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *L. Barrabé* 232.

INVENTORY DATA (FG). — 104 trees in 67 plots;  $F_{\max} = 2.3$  %;  $dbh_{\text{inv}} = 102.8$  cm.

Genus *Alexa* Moq.

[741] *Alexa grandiflora* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 33 (Ducke 1915).

NOTE. — *P. Grenand & M.-F. Prévost* 2017, identified by R. S. Cowan in 1977 at CAY as *A. grandiflora*, actually belongs to *Alexa wachenheimii*.

VERNACULAR NAMES. — Wp: ani, takulawa'i • Cr: sen-martin-blanc • Br: melancieira.

HERBARIUM DATA (FG). — A single collection, *P. Grenand* 774.

SIZE. — Up to 30 m tall (Ducke 1915: 33).

[742] *Alexa wachenheimii* Benoist

*Bull. Mus. Natl. Hist. Nat.* 27: 115 (Benoist 1921), “*Wachenheimi*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: karavia-kamwi • Ka: kulekulan • Te: tapaka'i • Cr: sen-martin-blanc • Br: melancieira.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *G. Wachenheim* 93 (original material P[P01817846, P01817847, P03104012]).

INVENTORY DATA (FG). — 44 trees in 19 plots;  $F_{\max} = 1.2$  %;  $dbh_{\text{inv}} = 96$  cm.

Genus *Amphiodon* Huber

[743] *Amphiodon effusus* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 399 (Huber 1909). — *Poecilanthe effusa* (Huber) Ducke, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 4 (6): 733 (Ducke 1932).

*Poecilanthe ovalifolia* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 398 (Kleinhoonte 1926).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Br: cumarú-de-rato.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier* 4815.

INVENTORY DATA (FG). — 107 trees in 21 plots;  $F_{\max} = 2.5$  %;  $dbh_{\text{inv}} = 29.9$  cm.

Genus *Anadenanthera* Speg.

[744] *Anadenanthera peregrina* (L.) Speg.

*Physis (Buenos Aires)* 6: 314 (Spegazzini 1923). — *Mimosa peregrina* L., *Sp. Pl.* 1: 520 [1 May 1753] (Linnaeus 1753). — *Acacia peregrina* (L.) Willd., *Sp. Pl.*, ed. 4 4 (2): 1073 [Apr. 1806] (Willdenow 1806). — *Piptadenia peregrina* (L.) Benth., *J. Bot. [Hooker]* 4: 340 (Bentham 1842). — *Niopa peregrina* (L.) Britton & Rose, *Addisonia* 12: 37 (Britton & Rose 1927).

*Inga niopo* Humb. & Bonpl. ex Willd., *Sp. Pl.*, ed. 4 4 (2): 1027 [Apr. 1806] (Willdenow 1806). — *Mimosa niopo* (Humb. & Bonpl. ex Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 48 [3 Sep. 1810] (Poiret 1810). — *Acacia niopo* (Humb. & Bonpl. ex Willd.) Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 282 [Apr. 1824] (Kunth 1824). — *Piptadenia niopo* (Humb. & Bonpl. ex Willd.) Spruce, *Notes Bot. Amaz.* 2: 426 (Spruce 1908).

*Acacia microphylla* Willd., *Sp. Pl.*, ed. 4 4 (2): 1073 [Apr. 1806] (Willdenow 1806).

*Mimosa parvifolia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 74 [3 Sep. 1810] (Poiret 1810), *nom. illeg. hom., non* Sw. (Swartz 1800).

*Acacia angustiloba* DC., *Prodr. [A. P. de Candolle]* 2: 470 [mid Nov. 1825] (Candolle 1825).

*Mimosa acacioides* Benth., *J. Bot. [Hooker]* 2: 132 (Bentham 1840), “*M.? acacioides*”.

NOTE. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Br: paricá.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 16138.

SIZE. — Up to 40 cm dbh (Barneby *et al.* 2011).

Genus *Andira* Lam.

[745] *Andira coriacea* Pulle

*Recueil Trav. Bot. Néerl.* 6: 267 (Pulle 1909).

*Andira wachenheimii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 296 (Benoist 1919), “*Wachenheimi*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wanetun • Ka: akuli kiyeleli, lele elepali • Wn: aliamëlë, pokololomilë • Nt: lebi tyabisi • Cr: sen-marten-rouj • Fr: saint-martin rouge • Br: andira-uxi, angelim-coco, morcegueira.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2281*.

INVENTORY DATA (FG). — 167 trees in 68 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 102.5$  cm.

[746] *Andira inermis* (W.Wright) Kunth ex DC.

*Prodr. [A. P. de Candolle]* 2: 475 [mid Nov. 1825] (Candolle 1825). — *Geoffroea inermis* W.Wright, *London Med. J.* 8 (3): 256 (Wright 1787). — *Geoffroea acutifolia* Stokes, *Bot. Mat. Med.* 4: 46 (Stokes 1812), “*Geoffrea*”, *nom. illeg. superfl.* (based on *Geoffroea inermis* (as “Sw.”)). — *Vouacapoua inermis* (W.Wright) A.Lyons, *Pl. Nam.*: 396 (Lyons 1900). — *Andira jamaicensis* Urb., *Symb. Antill. [Urban]* 4 (2): 298 [15 Feb. 1905] (Urban 1905), *nom. illeg. superfl.* (based on *Geoffroea inermis* [as “Sw.”]).

*Andira excelsa* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 385 [12 July 1824] (Kunth 1824).

*Andira riparia* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 386 [12 July 1824] (Kunth 1824).

*Pterocarpus sapindoides* DC., *Prodr. [A. P. de Candolle]* 2: 419 [mid Nov. 1825] (Candolle 1825). — *Andira sapindoides* (DC.) Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 123 [Mar. 1860] (Bentham 1860). — *Andira inermis* var. *sapindoides* (DC.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 202 [late 1860] (Grisebach 1860). — *Vouacapoua sapindoides* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 212 [5 Nov. 1891] (Kuntze 1891), “*Vuacapua*”, “*sapindodes*”. — *Andira jamaicensis* var. *sapindoides* (DC.) Stehlé, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 18: 116 (Stehlé 1946), “*sapiendioides*”.

*Amerimnon affine* Spreng., *Syst. Veg. [Sprengel]* 3: 192 [Jan.-Mar. 1826] (Sprengel 1826), “*Amerimnum*”.

*Glycyrrhiza undulata* Ruiz & Pav. ex G.Don, *Gen. Hist.* 2: 227 [Oct. 1832] (Don 1832).

*Andira grandiflora* Guill. & Perr., *Fl. Seneg. Tent.* 1 (7): 254 [22 Oct. 1832] (Guillemin & Perrottet 1832). — *Andira inermis* subsp. *grandiflora* (Guill. & Perr.) J.B.Gillett ex Polhill, *Kew Bull.* 23 (3): 490 (Polhill 1969).

*Andira acuminata* Benth., *Commentat. Legum. Gen.*: 45 [June 1837] (Bentham 1837).

*Andira inermis* var. *riedelii* Benth., *J. Proc. Linn. Soc., Bot.* 4 (suppl.): 123 [Mar. 1860] (Bentham 1860), “*Riedeli*”.

*Lonchocarpus staudtii* Harms, *Bot. Jahrb. Syst.* 26 (3-4): 301 [31 Jan. 1899] (Harms 1899).

*Andira chiricana* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 234 [22 Sep. 1917] (Pittier 1917).

NOTES. — The “*Geoffroea jamaicensis inermis*” of W. Wright (1777: 512) is an invalid trinomial (Turland *et al.* 2018: Art. 23.6a) not to be regarded as a species name. Therefore, “*Geoffroea jamaicensis* W.Wright” does not exist, and *Andira jamaicensis* Urb. has no basionym.

VERNACULAR NAMES. — Pa: wanetun • Ka: eleyulu, malipa wewe • Wp: kule'i • Nt: lebi tyabisi.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *M.-F. Prévost 3840*.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 49.7$  cm.

[747] *Andira surinamensis* (Bondt) Splitg. ex Pulle

*Enum. Vasc. Pl. Surinam* 229 (Pulle 1906). — *Geoffroea surinamensis* Bondt, *Cort. Geoffr. Surinam.*: 12 (Bondt 1788). — *Geoffroea obtusifolia* Stokes, *Bot. Mat. Med.* 4: 46 (Stokes 1812), “*Geoffrea*”, *nom. illeg. superfl.* (based on *Geoffroea surinamensis*). — *Andira retusa* var. *surinamensis* (Bondt) DC., *Prodr. [A. P. de Candolle]* 2: 476 [mid Nov. 1825] (Candolle 1825). — *Vouacapoua surinamensis* (Bondt) Kuntze, *Revis. Gen. Pl.* 1: 212 [5 Nov. 1891] (Kuntze 1891), “*Vuacapua*”.

*Geoffroea pubescens* Rich., *Actes Soc. Hist. Nat. Paris* 1: 111 [Oct. 1792] (Richard 1792), “*Geoffroya*”.

*Geoffroea retusa* Poir., *Encycl. [J. Lamarck et al.]* 8: 182 [22 Aug. 1808] (Poiret 1808), “*Geoffraea*”. — *Andira retusa* (Poir.) Kunth ex DC., *Prodr. [A. P. de Candolle]* 2: 475 [mid Nov. 1825] (Candolle 1825). — *Vouacapoua retusa* (Poir.) A.Lyons, *Pl. Nam.* 396 (Lyons 1900).

*Andira retusa* var. *oblonga* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 121 [Mar. 1860] (Bentham 1860).

*Andira oblonga* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 121 [Mar. 1860] (Bentham 1860), *nom. nud. pro syn.*

*Andira surinamensis* var. *ovatifoliolata* N.F.Mattos, *Loefgrenia* 58: 3 (Mattos 1973).

VERNACULAR NAMES. — Pa: wanetun • Ka: lele elepali • Wp: anila wisi, pana'i wu • Wn: haka • Nt: lebi tyabisi • Cr: sen-marten-rouj • Fr: saint-martin rouge • Br: andira-uxi, angelim-coco, morcegueira.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *R.A.A. Oldeman 2672*.

INVENTORY DATA (FG). — 36 trees in 21 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 62.2$  cm.

Genus *Batesia* Spruce ex Benth.

[748] *Batesia floribunda* Spruce ex Benth.

*Trans. Linn. Soc. London* 25 (2): 303 [“1866” publ. 30 Nov. 1865] (Bentham 1865).

VERNACULAR NAMES. — Pa: wanaku-duwë, wanaku-umutinõ • Br: tento-miúdo, tento-verdadeiro.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier 2308*.

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 89.1$  cm.

Genus *Bauhinia* Plum. ex L.

[749] *Bauhinia cinnamomea* DC.

*Prodr. [A. P. de Candolle] 2: 517 [mid Nov. 1825] (Candolle 1825).*

*Bauhinia versteegii* Pulle, *Enum. Vasc. Pl. Surinam* 213 (Pulle 1906).

VERNACULAR NAMES. — Wp: paná miwi • Wn: omole, wapaimë • Cr: ankono.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, P, [P00798577]; iso-, B [not seen, photo F neg, N° 1572]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.5$  cm.

[750] *Bauhinia eilertsii* Pulle

*Recueil Trav. Bot. Néerl.* 6: 269 (Pulle 1909).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 16705*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 43.3$  cm.

Genus *Bocoa* Aubl.

[751] *Bocoa prouacensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 38 [Jun.-Dec. 1775] (Aublet 1775), “*Prouassensis*” on plate. — *Gajanus prouacensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891), “*provacensis*”. — *Swartzia prouacensis* (Aubl.) Amshoff, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 40 (Amshoff 1939).

*Swartzia minutiflora* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 408 [“1925” publ. Jan. 1926] (Kleinhoonte 1926), “*Swartzia*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: á-danó, á-sivari, wanaku-danó • Ka: aliyana’i • Te: tatulimá • Wp: tunu’i pilá • Wn: kutali, wapiku • Nt: ayee udu • Cr: boko, bwa-fë • Fr: boco, bois de fer • Br: muira-jibóia.

HERBARIUM DATA (FG). — 83 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000588689]).

INVENTORY DATA (FG). — 1459 trees in 163 plots;  $F_{\max} = 9.8\%$ ;  $dbh_{\text{inv}} = 63.3$  cm.

[752] *Bocoa viridiflora* (Ducke) R.S.Cowan

*Proc. Biol. Soc. Washington* 87: 120 (Cowan 1974). — *Swartzia viridiflora* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 44 [Sep. 1935] (Ducke 1935).

VERNACULAR NAMES. — Nt: ayee udu • Cr: boko, bwa-fë • Fr: boco, bois de fer • Br: muira-jibóia.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *S.A. Mori et al. 24136*.

INVENTORY DATA (FG). — 111 trees in 17 plots;  $F_{\max} = 5.5\%$ ;  $dbh_{\text{inv}} = 39.4$  cm.

Genus *Calliandra* Benth.

[753] *Calliandra hymenaeodes* (Rich.) Benth. (Fig. 30A)

*Trans. Linn. Soc. London* 30 (3): 537 (Bentham 1875), “*hymenaeoides*”. — *Mimosa hymenaeodes* Rich., *Syn. Pl. [Persoon]* 2 (1): 262 [Nov. 1806] (Richard 1806). — *Inga hymenaeodes* (Rich.) Desv., *J. Bot. Agric.* 3: 70 (Desvaux 1814).

*Calliandra patrisii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 13: 324 (Sagot 1882).

NOTES. — Known only from the Guiana Shield. It is clear from the protologue of the basionym, *Mimosa hymenaeodes* Rich., that it is authored by L. C. Richard alone: the text reads “23. *Hymenaeodes, fol. uniparibus*. Richard.” (Staffeu & Cowan, 1983: TL-2-7732). Richard’s original spelling of the epithet on the holotype label is “*hymaeneoides*”. He naturally corrected the misspelling (“*hymaene-*” for “*hymenae-*”) in the protologue. However, there is no way to know whether the deletion of the “*i*” (“*-odes*” instead of “*-oides*”) was intentional or a typographical error. Anyway, both terminations are correct and have the same meaning, so there is no reason to change the original spelling *hymenaeodes*.

VERNACULAR NAMES. — Pa: asiru-wašiuñó.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (type P[P00199195]).

SIZE. — French Guiana. *O. Poncy et al. 1430*, 10 cm.

[754] *Calliandra surinamensis* Benth.

*London J. Bot.* 3: 105 (Bentham 1844).

*Inga fasciculata* Willd., *Sp. Pl.*, ed. 4 4 (2): 1022 [Apr. 1806] (Willdenow 1806). — *Feuilleea fasciculata* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 185 [5 Nov. 1891] (Kuntze 1891). — *Anneslia fasciculata* (Willd.) Kleinhoonte, *Fl. Suriname* 2 (2): 322 (Kleinhoonte 1940).

*Calliandra tenuiflora* Benth., *Trans. Linn. Soc. London* 30 (3): 547 [10 Apr. 1875] (Bentham 1875). — *Feuilleea tenuiflora* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: sakeg-kamwi • Br: baláo-chinês.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 1042*.

SIZE. — Up to 12 m tall (Barneby 1998).

[755] *Calliandra trinervia* Benth.

*London J. Bot.* 3: 94 (Bentham 1844). — *Feuilleea trinervia* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman 1314*.

SIZE. — Up to 30 m tall (Berry & Barneby 1999).

[756] *Calliandra* sp. A.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *M.-F. Prévost et al. 4695*.

INVENTORY DATA (FG). — 23 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.6$  cm.

#### Genus *Candolleodendron* R.S.Cowan

[757] *Candolleodendron brachystachyum* (DC.) R.S.Cowan

*Rhodora* 68: 429 [28 Dec. 1966] (Cowan 1966). — *Swartzia brachystachya* DC., *Prodr. [A. P. de Candolle]* 2: 423 [mid Nov. 1825] (Candolle 1825). — *Touatea brachystachya* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 211 [5 Nov. 1891] (Kuntze 1891), “*Tunatea*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: timuvuyen • Wp: tunu’i • Wn: kiwiliimë • Nt: lebi nenba • Cr: boko-blan.

HERBARIUM DATA (FG). — 79 collections at CAY. Sel. exs.: *H. Richard 70*.

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24$  cm.

#### Genus *Cassia* L.

[758] *Cassia cowanii* H.S.Irwin & Barneby

*Mem. New York Bot. Gard.* 35: 24 (Irwin & Barneby 1982).

VERNACULAR NAMES. — Wp: malimali u.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al. 22034*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 45.6$  cm.

[759] *Cassia fastuosa* Willd. ex Benth.

*Fl. Bras. [Martius]* 15 (2): 95 [1 Dec. 1870] (Bentham 1870).

VERNACULAR NAMES. — Wp: malimali • Br: baratinha, faveirinha, marimari.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5026*,  $dbh = 56$  cm.

[760] *Cassia grandis* L.f.  
(Fig. 30B)

*Suppl. Pl.*: 230 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Cassia brasiliensis* Lam., *Encycl. [J. Lamarck et al.]* 1 (2): 649 [1 Aug. 1785] (Lamarck 1785), *nom. illeg. superfl.* (based on *Cassia grandis*). — *Cathartocarpus grandis* (L.f.) Pers., *Syn. Pl. [Persoon]* 1: 459 [1 Apr.-15 June 1805] (Persoon 1805). — *Bactrylobium grande* (L.f.) Hornem., *Suppl. Hort. Bot. Hafn.* 1: 135 (Hornemann 1819).

*Cassia brasiliensis* Buc’hoz, *Hist. Univ. Règne Vég.*, Planches, Cent. 10, Decad. 4: pl. 2 (Buc’hoz 1775).

*Cassia mollis* Vahl, *Symb. Bot. [Vahl]* 3: 57 (Vahl 1794).

*Cathartocarpus brasiliensis* Jacq., *Fragm. Bot.* 58 (Jacquin 1806).

*Bactrylobium molle* Schrad., *Gött. Gel. Anz.* 2: 713 [5 May 1821] (Schrader 1821).

*Cassia brasiliensis* var. *tomentosa* Miq., *Linnaea* 18: 578 [“1844” publ. prob. Aug. 1845] (Miquel 1845).

*Cathartocarpus erubescens* Ham., *Pharm. J. Trans.* 5: 119 (Hamilton 1845).

*Cassia regia* Standl., *Contr. U.S. Natl. Herb.* 18 (3): 103 [11 Feb. 1916] (Standley 1916).

*Cassia pachycarpa* de Wit, *Webbia* 11: 259 (de Wit 1955).

VERNACULAR NAMES. — Br: chuva-de-ouro.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4766*,  $dbh = 40$  cm.

[761] *Cassia spruceana* Benth.

*Fl. Bras. [Martius]* 15 (2): 92 [1 Dec. 1870] (Bentham 1870).

*Cassia sagotiana* Benth., *Fl. Bras. [Martius]* 15 (2): 93 [1 Dec. 1870] (Bentham 1870).

VERNACULAR NAMES. — Br: fava-marimari.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *P.A. Sagot 802*, 1856 (holotype of *Cassia sagotiana*: K[K000504594]; iso-, F[V0057675F, V0057676F]; possible isotype (no date) G[G00364747]).

INVENTORY DATA (FG). — 7 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 58.6$  cm.

#### Genus *Cedrelinga* Ducke

[762] *Cedrelinga cateniformis* (Ducke) Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 70 (Ducke 1922), “*catenaeformis*”. — *Piptadenia cateniformis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 17 (Ducke 1915), “*catenaeformis*”. — *Pithecellobium cateniformis* (Ducke) L.Cárdenas, *Revista Fac. Agron. (Maracay)* 7 (3): 124 (Cárdenas 1974).

VERNACULAR NAMES. — Nt: donsede • Cr: akajou-lan • Br: cedrorana.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier 2316*.

INVENTORY DATA (FG). — 23 trees in 11 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 89.8$  cm.

Genus *Chamaecrista* Moench

[763] *Chamaecrista apoucouita*  
(Aubl.) H.S.Irwin & Barneby

*Mem. New York Bot. Gard.* 35: 642 (Irwin & Barneby 1982). — *Cassia apoucouita* Aubl., *Hist. Pl. Guiane* 1: 379 [Jun.-Dec. 1775] (Aublet 1775). — *Cassia acuminata* Willd., *Sp. Pl.*, ed. 4 2 (1): 517 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Cassia apoucouita*) and *nom. illeg. hom., non* Moench (1974) [synonym of *Senna marilandica* (L.) Link].

*Cassia solimoensis* H.S.Irwin, *Mem. New York Bot. Gard.* 16: 106 (Irwin 1967).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952149], LINN[LINN-HS 736.2]).

INVENTORY DATA (FG). — 75 trees in 20 plots;  $F_{\max} = 3.9\%$ ;  $dbh_{\text{inv}} = 55.7$  cm.

Genus *Chloroleucon* (Benth.) Record

[764] *Chloroleucon acacioides*  
(Ducke) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 141 (Barneby & Grimes 1996). — *Pithecellobium acacioides* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 69 (Ducke 1922), "*Pithecolobium*".

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost 1135*.

INVENTORY DATA (FG). — 1 tree, dbh = 30 cm.

Genus *Clathrotropis* (Benth.) Harms

[765] *Clathrotropis brachypetala* (Tul.) Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 398 ["1925" publ. Jan. 1926] (Kleinhoonte 1926). — *Diploptropis brachypetala* Tul., *Arch. Mus. Hist. Nat.* 4: 111 (Tulasne 1844). — *Bowdichia brachypetala* (Tul.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 133 (Ducke 1922).

VERNACULAR NAMES. — Ka: inyekulan.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *Service Forestier 368M* (P), dbh 40 cm.

Genus *Copaifera* L.

[766] *Copaifera guyanensis* Desf.

*Mém. Mus. Hist. Nat.* 7: 376 (Desfontaines 1821). — *Copaiba guyanensis* (Desf.) Kuntze, *Revis. Gen. Pl.* 1: 172 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: maraura • Ka: apa'uwa • Te: kupawa • Wp: kupaiwa • Wn: kupajwa, kupeiwa • Nt: paansu miti • Cr: bwa-kapayou, koupawa • Fr: copahu • Br: copaiba-branca.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *C. Sastre 4009*.

INVENTORY DATA (FG). — 1 tree, dbh = 22.8 cm.

[767] *Copaifera* sp. A

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2124*.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 75.8$  cm.

Genus *Crudia* Schreb.

[768] *Crudia aromatica* (Aubl.) Willd.

*Sp. Pl.*, ed. 4 2 (1): 450 [Mar. 1799] (Willdenow 1799). — *Touchiroa aromatica* Aubl., *Hist. Pl. Guiane* 1: 384 [Jun.-Dec. 1775] (Aublet 1775). — *Apalatoa aromatica* (Aubl.) Lam., *Encycl. [J. Lamarck et al.]* 4 (2): 559 [1 Nov. 1798] (Lamarck 1798), "*Opalatoa*". — *Apalatoa aromatica* (Aubl.) Taub., *Bot. Centralbl.* 47: 394 [31 Sept 1891] (Taubert 1891), isonym.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kuyali tapaiko • Wp: kupeiwa • Nt: pikin paanga.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000826529]).

INVENTORY DATA (FG). — 97 trees in 18 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 66.3$  cm.

[769] *Crudia bracteata* Benth.

*J. Bot. [Hooker]* 2: 101 (Bentham 1840), "*Crudya*".

VERNACULAR NAMES. — Wp: kupeiwa.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, K[K000555173]; P[P03111132, P03111134]).

INVENTORY DATA (FG). — 420 trees in 43 plots;  $F_{\max} = 6.2\%$ ;  $dbh_{\text{inv}} = 33.6$  cm.

[770] *Crudia oblonga* Benth.

*Bot. Voy. Sulphur [Bentham]*: 89 [26 Oct. 1844] (Bentham 1844), "*Crudya*". — *Apalatoa oblonga* (Benth.) Taub., *Bot. Centralbl.* 47: 394 [31 Sept 1891] (Taubert 1891). — *Touchiroa oblonga* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 211 [5 Nov. 1891] (Kuntze 1891), "*Tuchiroa*".

*Crudia pubescens* Spruce ex Benth., *Fl. Bras. [Martius]* 15 (2): 240 [1 Dec. 1870] (Bentham 1870), "*Crudya*". — *Apalatoa pubescens* (Spruce ex Benth.) Taub., *Bot. Centralbl.* 47: 394 [31 Sept 1891] (Taubert 1891).

VERNACULAR NAMES. — Pa: kasigu, wap-kamwi, wap-puvemna • Ka: atapalan • Wp: ipewi pilá • Nt: kiabisi • Br: arapari-rana, ipê-da-várzea, ipê-rana, rim-de-paca.





FIG. 30. — Leguminosae: **A**, *Calliandra hymenaeodes* (Rich.) Benth. (M.-F. Prévost *et al.* 4695); **B**, *Cassia grandis* L.f. (M.-F. Prévost & D. Sabatier 4766); **C**, *Dimorphandra ignea* Ducke (D. Sabatier & S. Gonzalez 5891); **D**, *Erythrina poeppigiana* (Walp.) O.F.Cook; **E**, *Inga pilosula* (Rich.) J.F.Macbr. (D. Sabatier & M.-F. Prévost 4868); **F**, *Inga retinocarpa* Poncy (J.-F. Molino 3328). A-E, © D. Sabatier/IRD; F, © J.-F. Molino/IRD.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, K[K000555166, K000555167]; iso-, K[K000555168]).

INVENTORY DATA (FG). — 1 tree, dbh = 22.9 cm.

[771] *Crudia spicata* (Aubl.) Forsyth f.

*Bot. Nomencl.*: 247 (Forsyth 1794). — *Apalatoa spicata* Aubl., *Hist. Pl. Guiane* 1: 382 [Jun.-Dec. 1775] (Aublet 1775), “*Opalatoa*” on plate.

NOTE. — *Apalatoa spicata* Aubl. is the conserved type of *Crudia* Schreb.

HERBARIUM DATA (FG). — A single collection, *J.B. Aublet s.n.* (original material BM[BM000826536]).

SIZE. — Up to 40 cm dbh (“1,5 pied de diamètre”) (Aublet 1775, 1: 383).

[772] *Crudia tomentosa* (Aubl.) J.F.Macbr.

*Contr. Gray Herb.* 59: 20 (Macbride 1919). — *Parivoa tomentosa* Aubl., *Hist. Pl. Guiane* 2: 759 [Jun.-Dec. 1775] (Aublet 1775). — *Crudia parivoa* DC., *Prodr. [A. P. de Candolle]* 2: 520 [mid Nov. 1825] (Candolle 1825), “*Crudya*”, *nom. illeg. superfl.* (based on *Parivoa tomentosa*). — *Touchiroa parivoa* Rich. ex DC., *Prodr. [A. P. de Candolle]* 2: 520 [mid Nov. 1825] (Candolle 1825), *nom. nud. pro syn.* — *Apalatoa tomentosa* (Aubl.) Taub., *Bot. Centralbl.* 47: 394 [31 Sept 1891] (Taubert 1891). — *Touchiroa tomentosa* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 211 [5 Nov. 1891] (Kuntze 1891), “*Tuchiroa*”.

VERNACULAR NAMES. — Pa: â-seiminio-priyo, â-seiminio-priyu • Nt: pikin paanga • Br: rim-de-paca.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000826533]).

SIZE. — Brazil, Pará. *D.C. Daly 1601* (MO), 30 m.

Genus *Cynometra* L.

[773] *Cynometra baubiniifolia* Benth.

*J. Bot. [Hooker]* 2: 99 (Bentham 1840), “*baubiniaefolia*”. — *Cynometra crassifolia* Benth., *J. Bot. [Hooker]* 2: 100 (Bentham 1840).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *C. Sastre 4146*.

SIZE. — Up to 25 m tall (Silva *et al.* 1998).

[774] *Cynometra hostmanniana* Tul.

*Arch. Mus. Hist. Nat.* 4: 180 (Tulasne 1844).

VERNACULAR NAMES. — Ka: malako • Wp: kumalaki • Nt: mukulakula, mukwalakwala • Cr: bwa-bago • Br: jutaí-rana.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *J.-F. Molino et al. 3315*.

INVENTORY DATA (FG). — 1 tree, dbh = 10 cm.

[775] *Cynometra marginata* Benth.

*J. Bot. [Hooker]* 2: 100 (Bentham 1840).

*Cynometra marginata* var. *guianensis* Dwyer, *Ann. Missouri Bot. Gard.* 45 (4): 329 [6 Jan. 1959] (Dwyer 1959).

*Cynometra marginata* var. *laevis* Dwyer, *Ann. Missouri Bot. Gard.* 45 (4): 329 [6 Jan. 1959] (Dwyer 1959).

VERNACULAR NAMES. — Wn: pokolomilí • Nt: man tsaka.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-J. de Granville 4866*.

SIZE. — Up to 21 m tall (Silva *et al.* 1998).

[776] *Cynometra parvifolia* Tul.

*Arch. Mus. Hist. Nat.* 4: 181 (Tulasne 1844).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *Service Forestier 4436*; *D. Sabatier 1009*, “Arbre moyen”

Genus *Dialium* L.

[777] *Dialium guianense* (Aubl.) Sandwith

*Lloydia* 2 (3): 184 (Sandwith 1939). — *Arouna guianensis* Aubl., *Hist. Pl. Guiane* 1: 16 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wap-kamwi-puvemna • Te: takulu wila • Wp: wila takulu • Nt: pikin loka • Cr: ti-koubari • Br: beiju-de côco, cururu, jutaí-mirim, parajuba, pau-ferro, pororoca.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00680458] designated by Lanjouw & Uitten [1940: 148]; isolecto-, BM[BM000952212], P[P00798483]).

INVENTORY DATA (FG). — 56 trees in 38 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 77$  cm.

Genus *Dicorynia* Benth.

[778] *Dicorynia guianensis* Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 28 (Amshoff 1939).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: ájelik • Ka: ki'elei, kiyelewu, tipulu kiyele'u • Te: wad'i • Wp: aisili • Wn: kuwaluk, kwaluk • Nt: anzili, dobono so, singapeetu • Cr: anjélik, lanjélik • Fr: angélique • Br: angélica-do-Pará, tapaiúna.

HERBARIUM DATA (FG). — 147 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2946*.

INVENTORY DATA (FG). — 1520 trees in 211 plots;  $F_{\max} = 6.8\%$ ;  $dbh_{\text{inv}} = 115$  cm.

Genus *Dimorphandra* Schott

[779] *Dimorphandra coccinea* Ducke

*J. Wash. Acad. Sci.* 25: 197 (Ducke 1935).

VERNACULAR NAMES. — Wp: alapokwa'i • Br: arariúba.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *G. Creemers 14582*.

SIZE. — Brazil, Amazonas. *J.W. Grimes 3126* (MO), "Emergent tree".

[780] *Dimorphandra cuprea* Sprague & Sandwith

*Bull. Misc. Inform. Kew* 1932 (8): 402 [1 Nov. 1932] (Sprague & Sandwith 1932).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 4836*.

INVENTORY DATA (FG). — 1 tree, dbh = 47.7 cm.

[781] *Dimorphandra ignea* Ducke  
(Fig. 30C)

*J. Wash. Acad. Sci.* 25: 196 (Ducke 1935).

VERNACULAR NAMES. — Nt: ayee weko.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 5055*.

INVENTORY DATA (FG). — 4 trees in 1 plot; dbh<sub>inv</sub> = 43.6 cm.

[782] *Dimorphandra macrostachya* Benth.  
subsp. *glabrifolia* (Ducke) M.F.Silva

*Fl. Neotrop. Monogr.* 44: 106 [2 Oct. 1986] (Silva 1986).

*Dimorphandra glabrifolia* Ducke, *J. Wash. Acad. Sci.* 25: 196 (Ducke 1935).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al. 21691*.

SIZE. — Up to 41 m tall (Barneby & Heald 2002).

[783] *Dimorphandra multiflora* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 85 (Ducke 1922).

VERNACULAR NAMES. — Pa: yit-ára • Br: arariúba.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier 1242*.

SIZE. — Brazil, Amazonas. *W.A. Rodrigues s.n.* (MO), 27 m × 50 cm.

[784] *Dimorphandra polyandra* Benoist

*Notul. Syst. (Paris)* 3: 272 [7 May 1917] (Benoist 1917).

*Dimorphandra hobenkerkii* Sprague & Sandwith, *Bull. Misc. Inform. Kew* 1932 (8): 403 [1 Nov. 1932] (Sprague & Sandwith 1932).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: alaulama, aweiko • Nt: ayee weko.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *R. Benoist 138* (holo-, P[P03090205, P03090207, P03090208]; iso-, K[K000555304]).

INVENTORY DATA (FG). — 81 trees in 4 plots; F<sub>max</sub> = 4.3 %; dbh<sub>inv</sub> = 114.6 cm.

[785] *Dimorphandra pullei* Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 8 (Amshoff 1939).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: alapokwa'i • Nt: makwebo, makwebo • Br: fava-uim-amarela.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P. Grenand 1116*.

INVENTORY DATA (FG). — 4 trees in 4 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 45.4 cm.

Genus *Dinizia* Ducke

[786] *Dinizia excelsa* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 76 (Ducke 1922).

VERNACULAR NAMES. — Wp: peilili • Br: angelim, angelim-pedra (verdadeiro), angelim-vermelho.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville et al. 7911*.

SIZE. — Brazil, Amazonas. *S.A. Mori 21327* (MO), 35 m × 80 cm.

Genus *Diploptropis* Benth.

[787] *Diploptropis martiusii* Benth.

*Commentat. Legum. Gen.* 24 [June 1837] (Bentham 1837), "Martiusii". — *Bowdichia martiusii* (Benth.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 131 (Ducke 1922), "Martiusii".

*Dibrachion riparium* Spruce ex Benth., *Fl. Bras. [Martius]* 15 (1): 321 [15 Jan. 1862] (Bentham 1862), "Dibrachium", *nom. nud. pro syn.*

VERNACULAR NAMES. — Br: sapupira-da-várzea.

HERBARIUM DATA (FG). — A single collection, *P.A. Sagot 1037* (P[P03101996]).

SIZE. — Up to 25 m tall (Lima & Aymard, 1999).

[788] *Diploptropis purpurea* (Rich.) Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 43 (Amshoff 1939). — *Tachigali purpurea* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792).

*Dibrachion guianense* Tul., *Ann. Sci. Nat., Bot. sér.* 2, 20: 139 (Tulasne 1843), “*guianensis*”. — *Diploptropis guianensis* (Tul.) Benth., *Fl. Bras. [Martius]* 15 (1): 321 [15 Jan. 1862] (Bentham 1862), “*guyanensis*”. — *Bowdichia guianensis* (Tul.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 32 (Ducke 1915), “*guyanensis*”.

VERNACULAR NAMES. — Ka: eleyulu, kinoto epi, malipa wewe, woko isyale • Wp: akusi'i, kusi'i • Wn: jawala mili • Nt: baaka tyabisi, tyabisi • Cr: tchò-dèrò • Fr: cœur dehors • Br: sapupira, sucupira-açu, sucupira-preta.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *M.-F. Prévost* 4065.

INVENTORY DATA (FG). — 122 trees in 81 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 75$  cm.

Genus *Dipteryx* Schreb.[789] *Dipteryx odorata* (Aubl.) Forsyth f.

*Bot. Nomencl.* 391 (Forsyth 1794). — *Coumarouna odorata* Aubl., *Hist. Pl. Guiane* 2: 740 [Jun.-Dec. 1775] (Aublet 1775), “*Odora*” on plate.

*Dipteryx tetraphylla* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 125 [Mar. 1860] (Bentham 1860). — *Coumarouna tetraphylla* (Spruce ex Benth.) Taub., *Bot. Centralbl.* 47: 389 [31 Sept 1891] (Taubert 1891), “*Cumaruna*”. — *Coumarouna odorata* var. *tetraphylla* (Spruce ex Benth.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 322 (Ducke 1925).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Levis *et al.* 2017).

VERNACULAR NAMES. — Ka: coumarou (*vide* Aublet 1775), kalapabosi, kalapapo:si • Te: budu'i • Wp: munu'i e'e • Wn: mapiku • Nt: tonka • Cr: gayak • Fr: coumarou odorant, fève de tonka, gaïac de Cayenne • Br: cumarú, cumarú-verdadeiro, muira-pajé.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000931959], P[P02771302]).

INVENTORY DATA (FG). — 33 trees in 31 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[790] *Dipteryx punctata* (S.F.Blake) Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 60 (Amshoff 1939). — *Coumarouna punctata* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (13): 525 [19 July 1924] (Blake 1924).

*Coumarouna trifoliolata* Ducke, *Notizbl. Bot. Gart. Berlin-Dahlem* 14: 124 [30 Mar. 1938] (Ducke 1938). — *Dipteryx trifoliolata* (Ducke) Ducke, *Trop. Woods* 61: 7 (Ducke 1940).

VERNACULAR NAMES. — Pa: waikwimna • Ka: kalapapo:si, katulimia • Wp: munu'i si • Wn: mapiku • Nt: tonka • Cr: gayak-blan • Fr: faux gaïac blanc • Br: cumarú-amarela, cumarurana.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3550.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 95.5$  cm.

Genus *Dussia* Krug & Urb. ex Taub.[791] *Dussia discolor* (Benth.) Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 50 (Amshoff 1939). — *Geoffroea discolor* Benth., *J. Bot. [Hooker]* 2: 69 (Bentham 1840), “*Geoffroya*”.

*Vexillifera micranthera* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 140 (Ducke 1922).

*Dussia micranthera* (Ducke) Harms, *Repert. Spec. Nov. Regni Veg.* 19: 291 (Harms 1924).

*Dussia cayennensis* Harms, *Repert. Spec. Nov. Regni Veg.* 19: 293 (Harms 1924).

VERNACULAR NAMES. — Wp: inga láli, inga láni • Cr: moutouchimarikaj.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J. Martin* 6 (lecto-, P[P01817936], designated by Amshoff [1939: 50]; isolecto-, K[K000535276], P[P01817937, P01817938]).

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 90$  cm.

[792] *Dussia tessmannii* Harms

*Notizbl. Bot. Gart. Berlin-Dahlem* 9: 972 [15 Nov. 1926] (Harms 1926).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4124.

INVENTORY DATA (FG). — 11 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 150$  cm.

Genus *Enterolobium* Mart.[793] *Enterolobium oldemanii* Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 249 (Barneby & Grimes 1996).

VERNACULAR NAMES. — Pa: yuumwi-seine • Nt: titim batibataa • Cr: mal-akasya • Fr: acacia mâle.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 2242 (holo-, P[P00199424]; iso-, CAY[CAY028067, CAY028068], G[G00365207], K[K000117958], MO[MO-176370], NY[00002032, 00452497], U[U0142265], US[00432893, 00610742]).

INVENTORY DATA (FG). — 43 trees in 35 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 69.1$  cm.

[794] *Enterolobium schomburgkii* (Benth.) Benth.

*Trans. Linn. Soc. London* 30 (3): 599 [10 Apr. 1875] (Bentham 1875). — *Pithecellobium schomburgkii* Benth., *London J. Bot.* 3: 219 (Bentham 1844), “*Pithecolobium? Schomburgkii*”. — *Feuillea schomburgkii* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Mimosa wilsonii* Standl., *Contr. Arnold Arbor.* 5: 73 (Standley 1933).

VERNACULAR NAMES. — Pa: sakeg-kamwi • Ka: apakanilan • Wp: akiki nami • Wn: alawata uhmot, aliwe puman • Nt: bugu batibataa, kasa • Cr: akasya-fran, bwa-lanmori, préfontenn • Fr: acacia franc • Br: fava-de-rosca, orelha-de-macaco, sucupira-amarela, timbaúba.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2157*.

INVENTORY DATA (FG). — 49 trees in 39 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 99.9$  cm.

[795] *Enterolobium* sp. A

NOTE. — This species resembles *E. schomburgkii*, but has distinctive soft fruit and smaller glabrous, non-papillose leaflets.

HERBARIUM DATA (FG). — A single collection, *M.-F. Prévost & D. Sabatier 4976*.

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 91.2$  cm.

Genus *Eperua* Aubl.

[796] *Eperua bijuga* Mart. ex Benth.

*Fl. Bras. [Martius]* 15 (2): 226 [1 Dec. 1870] (Bentham 1870).

*Eperua bijuga* f. *typica* Ducke, *Trop. Woods* 62: 26 (Ducke 1940), *nom. inval.* (Turland *et al.* 2018): Art. 24.3).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (P[P03465179]).

SIZE. — Up to 12 m tall (Cowan 1975).

[797] *Eperua falcata* Aubl.

*Hist. Pl. Guiane* 1: 369 [Jun.-Dec. 1775] (Aublet 1775). — *Panzeria falcata* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (1): 540 [Mar. 1799] (Willdenow 1799). — *Dimorpha falcata* (Aubl.) Sm., *Cycl. [Rees]* 11: (Dimorpha no. 3) [3 Dec. 1808] (Smith 1808).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), although known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wap, wap-duwó • Ka: paliwi, paliwu, wapa, watapa • Te: tapaka • Wp: tapaka • Wn: wapa • Nt: tetey bii udu, wataa bii udu • Cr: pwa-sab, wapa, wapa-gra • Fr: wapa • Br: apa, apazeiro, espadeira, muirapiranga.

HERBARIUM DATA (FG). — 292 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952284]).

INVENTORY DATA (FG). — 3623 trees in 150 plots;  $F_{\max} = 14.7\%$ ;  $dbh_{\text{inv}} = 101$  cm.

[798] *Eperua grandiflora* (Aubl.) Baill.

*Hist. Pl. [Baillon]* 2: 110 [Jan.-Feb. 1870] (Baillon 1870). — *Parivoa grandiflora* Aubl., *Hist. Pl. Guiane* 2: 756 [Jun.-Dec. 1775] (Aublet 1775).

*Eperua kourouensis* Benoist, *Notul. Syst. (Paris)* 3: 273 [7 May 1917] (Benoist 1917).

NOTES. — Known only from the Guiana Shield. The previous transfer by Bentham (1865: 580) is invalid because he only cited *Parivoa grandiflora* Aubl. under *Eperua*, without associating the genus name and the epithet. Although Baillon also cited this species under *Parivoa grandiflora* (Baillon 1870: 111), he clearly made the combination [*Eperua (Parivoa) grandiflora*] on figs. 81 & 82. Eventually, Bentham (1870: 226) also published the new combination, but a few months after Baillon.

VERNACULAR NAMES. — Pa: wap-seinó, wap-waikmwiunó • Wp: kupeiwa, tapaka • Nt: gaan bii udu, loka bii udu • Cr: wapa-koubari • Fr: wapa courbaril • Br: apa.

HERBARIUM DATA (FG). — 116 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (holo-, BM[BM000952282]; iso-, P-JU[P00835933], P[P00835934]).

INVENTORY DATA (FG). — 1219 trees in 100 plots;  $F_{\max} = 5.5\%$ ;  $dbh_{\text{inv}} = 86.3$  cm.

[799] *Eperua jenmanii* Oliv.

*Hooker's Icon. Pl.* 20 [ser. 3, 10]: t 1955 [Apr. 1891] (Oliver 1891).

*Eperua stipulata* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 30: 171 [July 1933] (Kleinhoonte 1933).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *J. Martin s.n.* (BM[BM000065079]).

SIZE. — Up to 70 cm dbh (Cowan 1975).

[800] *Eperua rubiginosa* Miq.

*Stirp. Surinam. Select.*: 12 [“1850” publ. Mar. 1851] (Miquel 1851).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wap-seinó • Ka: paliwi, paliwu, wapa, watapa • Te: tapaka • Wp: tapaka • Wn: wapa • Nt: tetey bii udu, wataa bii udu • Cr: wapa-larivyé, wapa-rouj • Fr: wapa riviére • Br: apa, apazeiro, espadeira, muirapiranga.

HERBARIUM DATA (FG). — 62 collections at CAY. Sel. exs.: *D. Sabatier 1018*.

INVENTORY DATA (FG). — 390 trees in 31 plots;  $F_{\max} = 9.9\%$ ;  $dbh_{\text{inv}} = 94.2$  cm.

[801] *Eperua schomburgkiana* Benth.

*Fl. Bras. [Martius]* 15 (2): 226 [1 Dec. 1870] (Bentham 1870).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: tapaka.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *B.M. Boom & S.A. Mori 1805*.

SIZE. — Up to 37 m tall (Barneby & Heald 2002).

Genus *Erythrina* L.

[802] *Erythrina fusca* Lour.

*Fl. Cochinch.* 2: 427 [Sep. 1790] (Loureiro 1790). — *Corallodendron fuscum* (Lour.) Kuntze, *Revis. Gen. Pl.* 1: 172 [5 Nov. 1891] (Kuntze 1891).

*Erythrina glauca* Willd., *Neue Schriften Ges. Naturf. Freunde Berlin* 3: 428 (Willdenow 1801). — *Duchassaingia glauca* (Willd.) Walp., *Linnaea* 23: 742 [“1850” publ. Jan. 1851] (Walpers 1851). — *Corallodendron glaucum* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 172 [5 Nov. 1891] (Kuntze 1891).

*Erythrina patens* Moc. & Sessé ex DC., *Prodr. [A. P. de Candolle]* 2: 414 [mid Nov. 1825] (Candolle 1825). — *Corallodendron patens* (Moc. & Sessé ex DC.) Kuntze, *Revis. Gen. Pl.* 1: 173 [5 Nov. 1891] (Kuntze 1891).

*Erythrina ovalifolia* Roxb., *Fl. Ind.*, ed. 1832, 3: 254 (Roxburgh 1832). — *Duchassaingia ovalifolia* (Roxb.) Walp., *Linnaea* 23: 742 [“1850” publ. Jan. 1851] (Walpers 1851). — *Corallodendron ovalifolia* (Roxb.) Kuntze, *Revis. Gen. Pl.* 1: 173 [5 Nov. 1891] (Kuntze 1891).

*Erythrina caffra* Blanco, *Fl. Filip. [F.M. Blanco]*, ed. 2: 394 (Blanco 1845), *nom. illeg. hom., non* Thunb. (Thunberg 1800).

*Erythrina atrosanguinea* Ridl., *J. Straits Branch Roy. Asiat. Soc.* 59: 93 [July 1911] (Ridley 1911).

*Erythrina fusca* var. *inermis* Pulle, *Nova Guinea* 8 (2): 651 (Pulle 1912).

*Erythrina moelebei* Vieill. ex Guillaumin & Beauvis., *Ann. Soc. Bot. Lyon* 38: 13 (Guillaumin & Beauvisage 1914), *nom. nud.*

*Erythrina fusca* var. *inermis* Rock, *Legum. Pl. Hawaii:* 188 (Rock 1920), *nom. illeg. hom., non* Pulle (1912).

NOTES. — A species restricted to wet savannas. *Duchassaingia ovalifolia* (Roxb.) Walp. is indirectly based on *Erythrina ovalifolia* Roxb., through citation of Roxburgh's plate in Wight (1840, 1: pl. 247).

VERNACULAR NAMES. — Pa: mitiku • Ka: asiwakalan • Wn: matata • Cr: zimortel • Br: açacurana, mulungu.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost 1207*, 15 m tall.

[803] *Erythrina poeppigiana* (Walp.) O.F.Cook  
(Fig. 30D)

*U.S.D.A. Div. Bot. Bull.* 25: 57 (Cook 1901). — *Micropteryx poeppigiana* Walp., *Linnaea* 23: 740 [“1850” publ. Jan. 1851] (Walpers 1851). — *Erythrina micropteryx* Poepp. ex Urb., *Symb. Antill. [Urban]* 1 (2): 327 [10 Apr. 1899] (Urban 1899), *nom. illeg. superfl.* (based on *Micropteryx poeppigiana*).

*Erythrina amasisa* Spruce, *J. Proc. Linn. Soc., Bot.* 3: 202 [Apr. 1859] (Spruce 1859), “*Amasia*”.

*Erythrina pisamo* Posada-Ar., *Estudios Científicos*: 122 (Posada-Arango 1909), “*Pisamo*”.

*Erythrina darienensis* Standl., *Contr. U.S. Natl. Herb.* 18 (3): 108 [11 Feb. 1916] (Standley 1916).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *O. To-stain 2818*.

SIZE. — Up to 30 m tall (Neill 1999).

Genus *Guianodendron* Sch.Rodr. & A.M.G.Azevedo

[804] *Guianodendron praeclarum*  
(Sandwith) Sch.Rodr. & A.M.G.Azevedo

*Novon* 16 (1): 130 [25 May 2006] (Schütz Rodrigues & Azevedo 2006). — *Sweetia praeclara* Sandwith, *Contr. Gray Herb.* 165: 25 (Sandwith 1947). — *Acosmium praeclarum* (Sandwith) Yakovlev, *Notes Roy. Bot. Gard. Edinburgh* 29 (3): 355 (Yakovlev 1969).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al. 24980*.

SIZE. — Up to 50 cm dbh (Rodrigues & Tozzi 2006).

Genus *Hydrochorea* Barneby & J.W.Grimes

[805] *Hydrochorea corymbosa*  
(Rich.) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 27 (Barneby & Grimes 1996). — *Mimosa corymbosa* Rich., *Actes Soc. Hist. Nat. Paris* 1: 113 [Oct. 1792] (Richard 1792). — *Pithecolobium corymbosum* (Rich.) Benth., *Trans. Linn. Soc. London* 30 (3): 587 [10 Apr. 1875] (Bentham 1875), “*Pithecolobium*”, *nom. illeg. hom., non* Benth. (Bentham 1844). — *Feuilleea corymbosa* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891). — *Samanea corymbosa* (Rich.) Pittier, *Arb. Arbust. Venez.* 4-5: 55 (Pittier 1925). — *Arthrosamanea corymbosa* (Rich.) Kleinhoonte, *Fl. Suriname* 2 (2): 327 (Kleinhoonte 1940). — *Cathormion corymbosum* (Rich.) Burkart, *Darwiniana* 13: 446 (Burkart 1964). — *Albizia corymbosa* (Rich.) G.P.Lewis & P.E.Owen, *Legumes Ilha de Maracá*: 40 (Lewis & Owen 1989).

*Pithecolobium corymbosum* Benth., *London J. Bot.* 3: 221 (Bentham 1844), “*Pithecolobium*”.

*Pithecolobium subcorymbosum* Hoehne, *Comm. Lin. Telegr., Bot.* 45 (8): 18 (Hoehne 1919), “*Pithecolobium*”.

*Pithecolobium corymbosum* var. *longipes* Spruce ex Ducke, *Bol. Têcn. Inst. Agron. N.* 18: 37 (Ducke 1949), *nom. nud.*

NOTES. — Bentham (1844: 221) described *Pithecolobium corymbosum* without reference to *Mimosa corymbosa* Rich. and with a different type: the protologue cites a collection of J. Martin, whereas the type of *M. corymbosa* is a Leblond specimen (the species is described in an article dedicated to Leblond's collections). The type of *P. corymbosum* (1844) could not be located. In 1875, Bentham again listed *P. corymbosum*, with reference to his 1844 taxon (Bentham 1875: 587). However, as he placed *M. corymbosa* in synonymy, this time he created a new combination, as well as a later homonym.

VERNACULAR NAMES. — Pa: karevru • Ka: kalaipe'u, kalape'u • Wp: kalaipe'i • Wn: kaju • Nt: kabanafoo • Cr: akasya, tanmaren-gran-bwa • Br: paricazinho, saboeiro-da-várzea.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* [in Herb. Richard] (type P[P02142909]).

SIZE. — Guyana. *T.W. Henkel et al.* 3133 (MO), 12 m.

Genus *Hymenaea* L.

[806] *Hymenaea courbaril* L.

*Sp. Pl.* 2: 1192 [1 May 1753] (Linnaeus 1753).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: simig, simii • Ka: simili, šimili, simili tabile, simili tamune, simili tubulu • Te: tsimini • Wp: talala, watala, yita'i • Wn: mepu, mēpu • Nt: loka • Cr: kaka-chien, koubari • Fr: courbaril • Br: jatauba, jatobá, jutaí, jutaí-açu.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *D. Sabatier* 3575.

INVENTORY DATA (FG). — 22 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 111.7$  cm.

[807] *Hymenaea* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier* 5572.

INVENTORY DATA (FG). — 1 tree,  $dbh = 30.6$  cm.

Genus *Hymenolobium* Benth.

[808] *Hymenolobium excelsum* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 38 (Ducke 1915).

VERNACULAR NAMES. — Wp: pana'i • Nt: geli tyabisi • Cr: sen-martengri • Fr: saint-martin gris • Br: angelim-comum, angelim-da-mata.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.-J. de Granville* 16824.

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 158.5$  cm.

[809] *Hymenolobium flavum* Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 400 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

VERNACULAR NAMES. — Pa: sakeg • Ka: eleyulu, malipa wewe • Wp: pana'i • Nt: geli tyabisi • Cr: panao, sen-marten-jonn • Fr: angelin, saint-martin jaune • Br: acapurana, angelim, morcegueira, sapupira-da-várzea.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3262.

INVENTORY DATA (FG). — 32 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[810] *Hymenolobium heterocarpum* Ducke

*Trop. Woods* 47: 6 (Ducke 1936).

VERNACULAR NAMES. — Br: angelim.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2876.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 65$  cm.

[811] *Hymenolobium petraeum* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 36 (Ducke 1915).

VERNACULAR NAMES. — Ka: eleyulu • Nt: geli tyabisi • Cr: sen-marten-jonn • Fr: saint-martin jaune • Br: angelim-amarelo, angelim-da-mata, angelim-pedra, murarena.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 3188; *S.A. Mori et al.* 23694, 20 m × 25 cm.

[812] *Hymenolobium pulcherrimum* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 37 (Ducke 1915).

VERNACULAR NAMES. — Wp: wila paye • Nt: geli tyabisi • Br: angelim-pedra, sapupira-amarela.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 3007.

INVENTORY DATA (FG). — 1 tree,  $dbh = 18.8$  cm.

Genus *Inga* Mill.

[813] *Inga acreana* Harms

*Notizbl. Königl. Bot. Gart. Berlin* 6: 298 [30 June 1915] (Harms 1915).

*Inga myriocephala* Pittier, *Contr. U.S. Natl. Herb.* 18 (5): 184 [30 Oct. 1916] (Pittier 1916).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier* 1052.

INVENTORY DATA (FG). — 24 trees in 16 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 34.1$  cm.

[814] *Inga acrocephala* Steud.

*Flora* 26 (45): 759 [17 Dec. 1843] (Steudel 1843). — *Feuillea acrocephala* (Steud.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga brevipedicellata* Harms, *Repert. Spec. Nov. Regni Veg.* 19: 62 (Harms 1923).

VERNACULAR NAMES. — Pa: miumiu-akamá-arib, miumiu-akamá-aribinê • Wp: inga pini, inga u po'i • Nt: weko • Cr: pwa-sikré • Br: ingá.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2464*.

INVENTORY DATA (FG). — 86 trees in 44 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[815] *Inga alata* Benoist

*Bull. Mus. Natl. Hist. Nat.* 27: 198 (Benoist 1921).

VERNACULAR NAMES. — Pa: avukun • Wp: inga masulapa, masulapa • Cr: pwa-sikré • Br: ingá.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *E.M. Mélinon 8a*, 1845 (holo-, P[P01818410]; iso-, P[P01818411, P01818412]).

INVENTORY DATA (FG). — 29 trees in 18 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 73$  cm.

[816] *Inga alba* (Sw.) Willd.

*Sp. Pl.*, ed. 4 4 (2): 1013 [Apr. 1806] (Willdenow 1806). — *Mimosa alba* Sw., *Prodr. [Swartz]* 85 [20 Jun.-29 July 1788] (Swartz 1788). — *Feuillea alba* (Sw.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga fraxinea* Willd., *Sp. Pl.*, ed. 4 4 (2): 1019 [Apr. 1806] (Willdenow 1806). — *Mimosa fraxinea* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 44 [3 Sep. 1810] (Poiret 1810).

*Mimosa alba* Vahl, *Eclog. Amer.* 3: 31 (Vahl 1807), *nom. illeg. hom., non Sw.* (Swartz 1788).

*Inga thyrsoides* Desv., *J. Bot. Agric.* 3: 71 (Desvaux 1814).

*Inga aggregata* G.Don, *Gen. Hist.* 2: 391 [Oct. 1832] (Don 1832). — *Feuillea aggregata* (G.Don) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga spruceana* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 239 (Bentham 1850).

*Inga parviflora* Sagot ex Benth., *Trans. Linn. Soc. London* 30 (3): 602 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga carachensis* Pittier, *Arb. Arbust. Venez.* 9-10: 106 [Dec. 1929] (Pittier 1929).

*Inga altissima* Ducke, *Arch. Inst. Biol. Veg.* 4 (1): 4 [June 1938] (Ducke 1938).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: avukun, avukun-duwó • Ka: abuluguni, apulukuni • Te: pulukuni • Wp: inga sisi, inga u, sisi, sisi sī • Wn: apulukun • Nt: kooponyo, lebi weko • Cr: bougouni, bwa-pagó • Fr: bougouni • Br: ingá-branca, ingá-xixica.

HERBARIUM DATA (FG). — 95 collections at CAY. Sel. exs.: *J.P.B. von Rohr s.n.* (type BM[BM000541200]).

INVENTORY DATA (FG). — 228 trees in 104 plots;  $F_{\max} = 3.6\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[817] *Inga auristellae* Harms

*Notizbl. Königl. Bot. Gart. Berlin* 6: 298 [30 June 1915] (Harms 1915).

VERNACULAR NAMES. — Wp: inga sili • Cr: pwa-sikré.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4282*.

INVENTORY DATA (FG). — 11 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.1$  cm.

[818] *Inga bourgoni* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 2: 434 [mid Nov. 1825] (Candolle 1825). — *Mimosa bourgoni* Aubl., *Hist. Pl. Guiane* 2: 941 [Jun.-Dec. 1775] (Aublet 1775). — *Feuillea bourgoni* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga assimilis* Miq., *Linnaea* 19: 130 [“1847” publ. Feb. 1846] (Miquel 1846).

*Inga tapajozensis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 13 (Ducke 1925).

*Inga apta* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 15 (Macbride 1943).

NOTE. — “*Bourgoni*” is a vernacular name, and thus should not be changed to “*bourgonii*”.

VERNACULAR NAMES. — Pa: avukun, miumiu-platno-purubumna • Ka: abuluguni, apulukuni, posindyó • Te: pulukuni • Wp: inga sisi, inga ũ, inga u sówi, kulikuli inga, sisi • Wn: tuli • Nt: djinaati • Cr: bougouni, bwa-pagó • Br: ingá-xixi, ingá-xixica.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000541054]).

INVENTORY DATA (FG). — 38 trees in 8 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[819] *Inga brachystachys* Ducke

*Trop. Woods* 90: 12 (Ducke 1947). — *Inga brachystachya* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 54 (Ducke 1922), *nom. illeg. hom., non DC.* (Candolle 1825) [synonym of *Abarema brachystachya* (DC.) Barneby & J.W. Grimes].

VERNACULAR NAMES. — Wp: inga mulua ya, mulua ya.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.-F. Molino 1107*.

INVENTORY DATA (FG). — 17 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67.7$  cm.

[820] *Inga capitata* Desv.

*J. Bot. Agric.* 3: 71 (Desvaux 1814). — *Feuillea capitata* (Desv.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Mimosa pacay* Aubl., *Hist. Pl. Guiane* 2: 946 [Jun.-Dec. 1775] (Aublet 1775).



*Inga albicans* Walp., *Linnaea* 14: 298 (Walpers 1840).

*Inga calycina* Salzm. ex Benth., *Trans. Linn. Soc. London* 30 (3): 611 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga peduncularis* Mart. ex Benth., *Trans. Linn. Soc. London* 30 (3): 611 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga capitata* var. *brevicalyx* Benth., *Fl. Bras. [Martius]* 15 (2): 476 [1 July 1876] (Bentham 1876).

*Inga capitata* var. *tenuior* Benth., *Fl. Bras. [Martius]* 15 (2): 476 [1 July 1876] (Bentham 1876).

*Inga falcistipula* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 56 (Ducke 1922).

*Inga capuchoi* Standl., *Trop. Woods* 33: 12 (Standley 1933).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Aublet (1775, 2: 946) mistakenly identified his *Mimosa pacay* as Frézier's pre-Linnean "*Inga peruviana*" (Frézier 1732: 155, pl. 24), hence the epithet referring to the vernacular name "pacay" recorded by Frézier. According to Frézier's plate, his plant had 4-angular pods, leaves with terete rachis and 4-5 pairs of leaflets. These features are not found in *Inga capitata*, but rather could correspond to *I. nobilis* Willd., which is among the several *Inga* species that are called "paca" in Peru.

VERNACULAR NAMES. — Pa: miumiu-platno • Ka: abuluguni, apulukuni • Te: inga átã • Wp: inga kala, inga mulua ya, mulua ya • Wn: ilakiptê, tuli • Nt: baaka weko • Cr: pwa-sikré-krapo • Br: ingá-branca, ingá-costella, ingá-de-veado, ingá-facão, ingá-ferro.

HERBARIUM DATA (FG). — 54 collections at CAY. Sel. exs.: *A.N. Desvaux s.n.* (type P[P01818387]).

INVENTORY DATA (FG). — 115 trees in 54 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 36$  cm.

[821] *Inga cayennensis* Sagot ex Benth.

*Trans. Linn. Soc. London* 30 (3): 626 [10 Apr. 1875] (Bentham 1875). — *Feuilleea cayennensis* (Sagot ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga dysantha* Benth., *Trans. Linn. Soc. London* 30 (3): 626 [10 Apr. 1875] (Bentham 1875).

*Feuilleea sessiliflora* Kuntze, *Revis. Gen. Pl.* 1: 186 [5 Nov. 1891] (Kuntze 1891).

*Inga cayennensis* var. *sessiliflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 60 (Ducke 1922), "forma *sessiliflora* Ducke n. var."

*Inga aria* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 16 (Macbride 1943).

NOTES. — *P.A. Sagot 164* includes specimens dated from 1855 and 1857. Pennington (1997: 631) designated as lectotype a specimen at K dated 1855 (K000328430), but cited an isolectotype at NY [barcode: 00002266] which is dated 1857, so is in fact a syntype. Also, two specimens at P labelled syntypes are dated 1855, so are in fact isolectotypes.

VERNACULAR NAMES. — Ka: padyawa, payawa, waiki • Nt: weko • Cr: pwa-sikré • Fr: pois sucré • Br: ingá-cabeludo, ingá-verdadeiro.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *P.A. Sagot 164*, Aug. 1855 (lecto-, K[K000328430], designated by Pen-

nington [1997: 631]; isolecto-, B[not seen, photo F neg. N° 1075], P[P01818384, P01818385]).

INVENTORY DATA (FG). — 54 trees in 39 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

[822] *Inga cordatoalata* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 53 (Ducke 1922).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al. 23276*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.6$  cm.

[823] *Inga cylindrica* (Vell.) Mart.

*Flora* 20 (2, Beibl.): 114 (Martius 1837). — *Mimosa cylindrica* Vell., *Fl. Flumin. Icon.* 11: t. 9 ["1827" publ. 29 Oct. 1831] (Vellozo 1831). — *Feuilleea cylindrica* (Vell.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga polystachya* Benth., *London J. Bot.* 4: 587 (Bentham 1845).

*Inga tenuifolia* Benth., *London J. Bot.* 4: 587 (Bentham 1845). — *Feuilleea tenuifolia* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga albicoria* Poncey, *Bull. Mus. Natl. Hist. Nat., B, Adansonia* 18 (1-2): 67 (Poncey 1996).

VERNACULAR NAMES. — Br: ingá-branca, ingá-feijão.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2143*.

INVENTORY DATA (FG). — 50 trees in 28 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 58.9$  cm.

[824] *Inga disticha* Benth.

*J. Bot. [Hooker]* 2: 143 (Bentham 1840). — *Feuilleea disticha* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga crevauxii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 13: 331 (Sagot 1882).

VERNACULAR NAMES. — Pa: miumiu-kasiuminio • Ka: alawata busulukulu, alawata posu:lukulu • Te: inga tupe'it • Wp: inga takwá u, inga tupewi • Wn: alawata pupot • Nt: babun weko, djakaasi • Cr: pwa-sikré • Br: ingarana.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *J.N. Crevaux s.n.* (type of *Inga crevauxii*: P[P01818367, P01818368]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 13.2$  cm.

[825] *Inga edulis* Mart.

*Flora* 20 (2, Beibl.): 113 (Martius 1837). — *Feuilleea edulis* (Mart.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Mimosa ynga* Vell., *Fl. Flumin. Icon.* 11: t. 3 ["1827" publ. 29 Oct. 1831] (Vellozo 1831), *nom. illeg. hom., non M. inga* L. (Linnaeus

1753). — *Inga ynga* (Vell.) J.W.Moore, *Occas. Pap. Bernice Pauahi Bishop Mus.* 10 (19): 6 (Moore 1934).

*Inga scabriuscula* Benth., *London J. Bot.* 4: 606 (Bentham 1845). — *Feuilleea scabriuscula* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga conferta* Benth., *London J. Bot.* 4: 620 (Bentham 1845). — *Feuilleea conferta* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga benthamiana* Meisn., *Linnaea* 21: 253 (Meisner 1848).

*Inga uncinata* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 630 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga scabriuscula* var. *villosior* Benth., *Fl. Bras. [Martius]* 15 (2): 497 [1 July 1876] (Bentham 1876).

*Inga edulis* var. *parviflora* Mart., *Fl. Bras. [Martius]* 15 (2): 498 [1 July 1876] (Martius 1876).

*Inga complanata* Amshoff, *Natuurw. Stud. Suriname & Curacao* 2: 39 (Amshoff 1948).

*Inga chorrerana* T.S.Elias, *Bot. Mus. Leaflet* 24 (8): 202 [9 Apr. 1976] (Elias 1976); *pro parte quoad specimina in flore.*

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). *Mimosa ynga* Vell. and *M. inga* L. have been ruled as confusable by the Nomenclature Committee for Vascular Plants (Applequist 2019). The former is therefore to be treated as a later homonym.

VERNACULAR NAMES. — Pa: miumiu-akamá-arib, miumiu-akamá-aribinē, miumiu-maoksi-arib (cult. form) • Ka: padyawa, paidyawa, payawa • Te: pailawa • Wp: inga wasa (cult. form), inga yiwa puku, inga yowa puku • Wn: tuli • Nt: tetey weko • Cr: pwa-sikré • Fr: pois sucré • Br: ingá-cipó, rabo-de-mico.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *T.D. Pennington et al.* 13867.

INVENTORY DATA (FG). — 25 trees in 9 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 41.7$  cm.

[826] *Inga fanchoniana* Poncy

*Bull. Mus. Natl. Hist. Nat., B, Adansonia* 5 (1): 103 (Poncy 1983).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost* 478 (holo-, P[P01818350, P01818351, P01818352]; iso-, CAY[CAY028077, CAY028078, CAY028079, CAY028080], MO[MO-1281471], NY[00002291, 00002292], U[U0008512]).

INVENTORY DATA (FG). — 28 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67.4$  cm.

[827] *Inga fastuosa* (Jacq.) Willd.

*Sp. Pl.*, ed. 4 4 (2): 1014 [Apr. 1806] (Willdenow 1806). — *Mimosa fastuosa* Jacq., *Fragm. Bot.*: 15 (Jacquin 1800). — *Feuilleea fastuosa* (Jacq.) Kuntze, *Revis. Gen. Pl.* 1: 184, 187 [5 Nov. 1891] (Kuntze 1891).

*Inga venosa* Griseb. ex Benth., *Trans. Linn. Soc. London* 30 (3): 623 [10 Apr. 1875] (Bentham 1875). — *Feuilleea venosa* (Griseb. ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 184, 189 [5 Nov. 1891] (Kuntze 1891).

*Inga longituba* Harms, *Repert. Spec. Nov. Regni Veg.* 13: 420 [31 Dec. 1914] (Harms 1914).

*Inga guaremalensis* Pittier, *Arb. Arbust. Venez.* 1: 5 (Pittier 1921).

VERNACULAR NAMES. — Nt: uman feyfi finga.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5722.

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.5$  cm.

[828] *Inga flagelliformis* (Vell.) Mart.

*Flora* 20 (2, Beibl.): 112 (Martius 1837). — *Mimosa flagelliformis* Vell., *Fl. Flumin. Icon.* 11: t. 27 [“1827” publ. 29 Oct. 1831] (Vellozo 1831). — *Feuilleea flagelliformis* (Vell.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4226.

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.7$  cm.

[829] *Inga graciliflora* Benth.

*London J. Bot.* 4: 582 (Bentham 1845). — *Feuilleea graciliflora* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga graciliflora* var. *peruviana* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 24 (Macbride 1943).

VERNACULAR NAMES. — Ka: salala.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3346.

INVENTORY DATA (FG). — 18 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37.2$  cm.

[830] *Inga gracilifolia* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 52 (Ducke 1922).

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2611.

INVENTORY DATA (FG). — 48 trees in 33 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 92$  cm.

[831] *Inga grandiflora* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 59 (Ducke 1922). — *Inga crassiflora* Ducke, *Trop. Woods* 90: 12 (Ducke 1947), *nom. illeg. superfl.* (based on *Inga grandiflora*).

NOTES. — Ducke proposed *Inga crassiflora* as a replacement name for his *I. grandiflora*, because of the existence of *I. grandiflora* Wal-

lich (1831, n. 5285). However, being a *nomen nudum*, *I. grandiflora* Wallich was not validly published, and thus is not to be taken in consideration for priority purposes.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4939*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.3$  cm.

[832] *Inga heterophylla* Willd.

*Sp. Pl.*, ed. 4 4 (2): 1020 [Apr. 1806] (Willdenow 1806). — *Feuilleea heterophylla* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891). — *Mimosa parae* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 44 [3 Sep. 1810] (Poiret 1810), “*Para*”, *nom. illeg. superfl.* (based on *Inga heterophylla*).

*Inga umbellata* G. Don, *Gen. Hist.* 2: 391 [Oct. 1832] (Don 1832), *nom. illeg. hom., non* (Vahl) Willd. (Willdenow 1806).

*Inga protracta* Steud., *Flora* 26 (45): 758 [17 Dec. 1843] (Steudel 1843).

*Inga stenocarpa* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 603 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga vouapifolia* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 603 [10 Apr. 1875] (Bentham 1875), “*vouapaefolia*”, *nom. nud. pro syn.*

*Inga mapiriensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (5): 174 [30 Oct. 1916] (Pittier 1916).

VERNACULAR NAMES. — Ka: kulisili wokulu, tulili • Wp: inga sili • Cr: pwa-sikré • Br: ingá-ferradura, ingazinho.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *Service Forestier 4005*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 13.2$  cm.

[833] *Inga huberi* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 49 (Ducke 1922).

VERNACULAR NAMES. — Pa: miumiu-avukun-kamwi, miumiu-maoksi-arib-duwē, miumiu-sababuyu.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2718*.

INVENTORY DATA (FG). — 194 trees in 76 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 66.2$  cm.

[834] *Inga ingoides* (Rich.) Willd.

*Sp. Pl.*, ed. 4 4 (2): 1012 [Apr. 1806] (Willdenow 1806). — *Mimosa ingoides* Rich., *Actes Soc. Hist. Nat. Paris* 1: 113 [Oct. 1792] (Richard 1792). — *Feuilleea ingoides* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891), “*ingodes*”.

*Inga merianae* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 113 [Aug.-Sep. 1842] (Splitgerber 1842).

*Inga laxiflora* Benth., *London J. Bot.* 4: 617 (Bentham 1845). — *Feuilleea sesuya* Kuntze, *Revis. Gen. Pl.* 1: 186 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Inga laxiflora*).

*Inga bahiensis* Benth., *London J. Bot.* 4: 618 (Bentham 1845). — *Feuilleea bahiensis* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. hom., non* Kuntze [1891: 184, *nom. nov. pro Pithecellobium foliolosum* Benth. (Bentham 1844)].

*Inga galibica* Duchass. & Walp., *Linnaea* 23: 747 [“1850” publ. Jan. 1851] (Duchassaing & Walpers 1851).

VERNACULAR NAMES. — Ka: padyawa, paidyawa, payawa, waiki (fruit), wala potili • Wn: tulisimë • Nt: weko • Cr: pwa-sikré • Fr: pois sucré.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (type P-JU, not seen); *M.-F. Prévost 3756*,  $dbh = 12$  cm.

[835] *Inga jenmanii* Sandwith

*Bull. Misc. Inform. Kew* 1931 (7): 368 [21 July 1931] (Sandwith 1931), “*Jenmani*”.

*Inga sertulifera* var. *minor* Benth., *London J. Bot.* 4: 581 (Bentham 1845).

NOTES. — A synonym of *Inga sertulifera* subsp. *leptopus* (Benth.) T.D. Penn. for Pennington (1997: 234), but we agree with Barneby *et al.* (2011) that it should be considered a distinct taxon, all the more so because, according to the former author, this subspecies is not supposed to be present in French Guiana.

VERNACULAR NAMES. — Pa: miumiu-asiru.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-F. Molino et al. 3305*.

INVENTORY DATA (FG). — 106 trees in 62 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 43.8$  cm.

[836] *Inga lateriflora* Miq.

*Linnaea* 19: 131 [“1847” publ. Feb. 1846] (Miquel 1846). — *Feuilleea lateriflora* (Miq.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga parviflora* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 602 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga lateriflora* var. *latior* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 50 (Ducke 1922).

VERNACULAR NAMES. — Ka: tulili.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2399*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.4$  cm.

[837] *Inga leiocalycina* Benth.

*London J. Bot.* 4: 598 (Bentham 1845). — *Feuilleea leiocalycina* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga multiflora* Benth., *London J. Bot.* 4: 598 (Bentham 1845).

*Inga yunckeri* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 9 (4): 296 (Standley 1940).

VERNACULAR NAMES. — Ka: apipyoloi • Wp: inga sówī, masulapa pe u, masulapa pilá, paku inga • Cr: pwa-sikré • Br: ingaí.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2818*.

INVENTORY DATA (FG). — 14 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[838] *Inga lomatoxylla* (Benth.) Pittier

*Contr. U.S. Natl. Herb.* 18 (5): 195 [30 Oct. 1916] (Pittier 1916). — *Inga speciosa* var. *lomatoxylla* Benth., *Trans. Linn. Soc. London* 30 (3): 620 [10 Apr. 1875] (Bentham 1875). — *Inga amazonica* var. *lomatoxylla* (Benth.) L.Cárdenas, *Ernstia* 51: 1 (Cárdenas 1989).

*Feuilleea speciosa* Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891). — *Inga speciosa* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 620 [10 Apr. 1875] (Bentham 1875), *nom. illeg. hom.*, non M. Martens & Galeotti (1843).

*Inga amazonica* L.Cárdenas, *Ernstia* 51: 1 (Cárdenas 1989).

*Inga speciosa* var. *membranacea* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 59 (Ducke 1922). — *Inga amazonica* var. *membranacea* (Ducke) L.Cárdenas, *Ernstia* 51: 1 (Cárdenas 1989).

*Inga speciosa* var. *bracteifera* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 17 (Ducke 1925). — *Inga amazonica* var. *bracteifera* (Ducke) L.Cárdenas, *Ernstia* 51: 1 (Cárdenas 1989). — *Inga lomatoxylla* var. *bracteifera* (Ducke) Poncy, *Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 13 (3-4): 152 (Poncy 1991).

NOTES. — Contrary to Pennington's claim (Pennington 1997), *Inga amazonica* L.Cárdenas technically is not illegitimate. *Feuilleea speciosa* Kuntze is based on the illegitimate *I. speciosa* Spruce ex Benth.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *M.-F. Prévost 1148*.

INVENTORY DATA (FG). — 30 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 52.7$  cm.

[839] *Inga longiflora* Spruce ex Benth.

*Trans. Linn. Soc. London* 30 (3): 620 [10 Apr. 1875] (Bentham 1875). — *Feuilleea ignota* Kuntze, *Revis. Gen. Pl.* 1: 185 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Inga longiflora*).

*Inga tubiformis* Benoist, *Bull. Soc. Bot. France* 66 (8): 390 [“1919” publ. 1920] (Benoist 1920), “*tubaeformis*”.

VERNACULAR NAMES. — Pa: miumiu-puveyo • Wp: inga takwá u • Cr: pwa-sikré • Br: ingá.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *R. Benoist 1491* (holotype of *Inga tubiformis*: P[P01818292]; iso-, P[P01818293]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 13.6$  cm.

[840] *Inga longipedunculata* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 56 (Ducke 1922).

NOTE. — Synonym of *Inga leiocalycina* Benth. for Pennington (1997), but leaves are distinctive.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2185*.

INVENTORY DATA (FG). — 75 trees in 36 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 45$  cm.

[841] *Inga loubryana* Poncy

*Adansonia*, sér. 3, 29 (2): 250 (Poncy 2007).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: miumiu-platno-mna.

HERBARIUM DATA (FG). — 60 collections at CAY. Sel. exs.: *D. Loubry 1135* (holo-, P[P01818279]; iso-, CAY[CAY086128], US[00955612]).

INVENTORY DATA (FG). — 274 trees in 79 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 75.9$  cm.

[842] *Inga macrophylla* Humb. & Bonpl. ex Willd.

*Sp. Pl.*, ed. 4 4 (2): 1015 [Apr. 1806] (Willdenow 1806). — *Mimosa macrophylla* (Humb. & Bonpl. ex Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 42 [3 Sep. 1810] (Poiret 1810). — *Feuilleea macrophylla* (Humb. & Bonpl. ex Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga calocephala* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 78 [23-25 Jan. 1845] (Poeppig 1845).

*Inga bracteosa* Benth., *London J. Bot.* 4: 609 (Bentham 1845). — *Feuilleea bracteosa* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga brachyptera* Benth., *London J. Bot.* 4: 610 (Bentham 1845). — *Feuilleea brachyptera* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Inga quadrangularis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 60 (Ducke 1922).

*Inga ouraphylla* L. Uribe, *Caldasia* 4 (20): 405 (Uribe 1947).

*Inga alatocarpa* T.S. Elias, *Phytologia* 14 (4): 206 [6 Feb. 1967] (Elias 1967).

*Inga chorrerana* T.S. Elias, *Bot. Mus. Leaflet* 24 (8): 202 [9 Apr. 1976] (Elias 1976). *pro parte quoad specimina in fructo*.

*Inga macrophylla* var. *stenoptera* Benth., *Fl. Bras. [Martius]* 15 (2): 490 [1 July 1876] (Bentham 1876).

NOTE. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Wp: inga yowa • Cr: pwa-sikré • Br: ingá-peua.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *M.-F. Prévost 761*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.1$  cm.

[843] *Inga marginata* Willd.

*Sp. Pl.*, ed. 4 4 (2): 1015 [Apr. 1806] (Willdenow 1806), nom. ex typ. cons. — *Feuilleea marginata* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891). — *Inga fagifolia* (L.) Willd. ex Benth. var. *marginata* (Willd.) Hassl., *Repert. Spec. Nov. Regni Veg.* 16: 154 [15 Nov. 1919] (Hassler 1919).

*Inga sapida* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 286 [Apr. 1824] (Kunth 1824).

*Mimosa semialata* Vell., *Fl. Flumin. Icon.* 11: t. 5 [“1827” publ. 29 Oct. 1831] (Vellozo 1831). — *Inga semialata* (Vell.) Mart., *Flora* 20 (2, Beibl.): 111 (Martius 1837).

*Inga odorata* G. Don, *Gen. Hist.* 2: 388 [Oct. 1832] (Don 1832).

*Inga guayaquilensis* G. Don, *Gen. Hist.* 2: 391 [Oct. 1832] (Don 1832).

*Inga excelsa* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 78 [23-25 Jan. 1845] (Poeppig 1845), nom. illeg. hom., non Kunth (1823) nec Wight ex Wall. (Wallich 1831).

*Inga semialata* var. *latifolia* Mart. ex Benth., *London J. Bot.* 4: 589 (Bentham 1845).

*Inga puberula* Benth., *London J. Bot.* 4: 589 (Bentham 1845).

*Inga pycnostachya* Benth., *London J. Bot.* 4: 589 (Bentham 1845).

*Inga leptostachya* Benth., *Trans. Linn. Soc. London* 30 (3): 608 [10 Apr. 1875] (Bentham 1875), nom. nud. pro syn.

*Inga fagifolia* f. *genuina* Hassl., *Repert. Spec. Nov. Regni Veg.* 16: 155 [15 Nov. 1919] (Hassler 1919), nom. inval. (Turland *et al.* 2018): Art. 24.3).

*Inga fagifolia* f. *pedicellaris* Hassl., *Repert. Spec. Nov. Regni Veg.* 16: 155 [15 Nov. 1919] (Hassler 1919).

*Inga fagifolia* var. *intermedia* Hassl., *Repert. Spec. Nov. Regni Veg.* 16: 155 [15 Nov. 1919] (Hassler 1919).

*Inga marginata* var. *itayensis* J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 30 (Macbride 1943).

*Inga tysonii* T.S. Elias, *Ann. Missouri Bot. Gard.* 53 (3): 377 (Elias 1966).

VERNACULAR NAMES. — Wp: inga sisi pay, sisi pay • Br: ingá-ferro.

HERBARIUM DATA (FG). — 59 collections at CAY. Sel. exs.: D. Sabatier *et al.* 4622.

INVENTORY DATA (FG). — 57 trees in 37 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

[844] *Inga melinonii* Sagot

*Ann. Sci. Nat., Bot. sér.* 6, 13: 335 (Sagot 1882), “*Melinonis*”.

*Inga cyclocarpa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 14 (Ducke 1925).

NOTE. — The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

VERNACULAR NAMES. — Pa: miumiu-maoksi-arib, miumiu-maoksi-aribinē • Ka: aliki enakololi • Wp: akiki inga, inga kala • Cr: pwa-sikré-roj • Br: ingá.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: E.M. Mélinon 453, 1862 (lecto-, P[P01818266]), designated by Poncy [1985: 48]; isolecto-, F[V0093101F], P[P01818267, P01818268, P01818269], PH[00015899], US[00588635].

INVENTORY DATA (FG). — 45 trees in 29 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 49.2$  cm.

[845] *Inga mitaraka* Poncy

*Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 18 (1-2): 70 (Poncy 1996).

NOTES. — Known only from the Guiana Shield. A synonym of *Inga alba* (Sw.) Willd. for Pennington (1997), but the fruit is distinctive.

VERNACULAR NAMES. — Wp: inga u • Cr: pwa-sikré • Br: ingá.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: J.-J. de Granville 1197 (holo-, P[P01818264]); iso-, CAY[CAY028081, CAY028082].

INVENTORY DATA (FG). — 19 trees in 10 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 66.8$  cm.

[846] *Inga nobilis* Willd.

*Enum. Pl. [Willdenow]* 2: 1047 [June 1809] (Willdenow 1809). — *Feuilleea nobilis* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga humboldtiana* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 285 [Apr. 1824] (Kunth 1824).

*Inga corymbifera* Benth., *J. Bot. [Hooker]* 2: 144 (Bentham 1840).

*Inga mathewsiana* Benth., *London J. Bot.* 4: 594 (Bentham 1845). — *Feuilleea mathewsiana* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga riedeliana* Benth., *London J. Bot.* 4: 595 (Bentham 1845).

*Inga riedeliana* var. *surinamensis* Benth., *London J. Bot.* 4: 595 (Bentham 1845).

*Inga corymbifera* var. *brasiliensis* Benth., *London J. Bot.* 4: 596 (Bentham 1845).

*Inga sericantha* Miq., *Linnaea* 19: 132 [“1847” publ. Feb. 1846] (Miquel 1846).

*Inga nobilis* var. *pavoniana* Benth., *Trans. Linn. Soc. London* 30 (3): 614 [10 Apr. 1875] (Bentham 1875). — *Inga pavoniana* Benth., *London J. Bot.* 4: 595 (Bentham 1845), nom. illeg. hom., non G. Don (1832).

*Inga conglomerata* Benoist, *Bull. Mus. Natl. Hist. Nat.* 27: 115 (Benoist 1921).

*Inga loreтана* J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 29 (Macbride 1943).

*Inga jucunda* Ducke, *Bol. Técn. Inst. Agron. N.* 2: 3 (Ducke 1944).

NOTE. — *Inga nobilis* var. *pavoniana* Benth. is based on the illegitimate *Inga pavoniana* Benth., which can not be treated a basionym; hence authorship is Benth., not (Benth.) Benth.

VERNACULAR NAMES. — Pa: miumiu-asukwinó, miumiu-maoksi-arib, miumiu-maoksi-aribinē • Ka: posindyo • Wp: yāwī inga • Wn: anekələ, mikotawa, mikotowa • Nt: bita weko • Cr: pwa-sikré • Br: ingá-canela.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *G. Wachenheim 149* (holotype of *Inga conglomerata*: P[P01818244]; iso-, P[P01818245, P01818246]).

INVENTORY DATA (FG). — 7 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.2$  cm.

[847] *Inga nouragensis* Poncy

*Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 18 (1-2): 72 (Poncy 1996).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2569* (holo-, P[P01818235]; iso-, CAY[CAY000778]).

INVENTORY DATA (FG). — 50 trees in 26 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 44.9$  cm.

[848] *Inga nubium* Poncy

*Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 13 (3-4): 148 (Poncy 1991).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-J. de Granville 1475* (holo-, P[P01818236]; CAY[CAY000778], US[00478813]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 12.5$  cm.

[849] *Inga paraensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 12 (Ducke 1925).

VERNACULAR NAMES. — Pa: miumiu-asiru.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4361*.

INVENTORY DATA (FG). — 142 trees in 53 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 68.9$  cm.

[850] *Inga pezizifera* Benth.

*London J. Bot.* 4: 587 (Bentham 1845). — *Feuilleea pezizifera* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga subsericantha* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 55 (Ducke 1922).

*Inga urnifera* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 413 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

*Inga microstachya* Britton & Killip, *Ann. New York Acad. Sci.* 35: 115 [1 Apr. 1936] (Britton & Killip 1936).

*Inga riopalenquensis* A.H.Gentry, *Selbyana* 2 (1): 39 [Aug. 1977] (Gentry 1977).

VERNACULAR NAMES. — Pa: avukun • Ka: anakala, anakolo, maipuli solapali, padyawa, payawa • Te: pulukuni • Wp: inga kala, inga piyü, inga sisi, masulapa pe u, sisi • Wn: apulukun • Nt: koopogno, lebi weko, weko • Cr: bougouni, pwa-sikré-blan • Fr: pois sucré blanc • Br: ingá-xixica.

HERBARIUM DATA (FG). — 73 collections at CAY. Sel. exs.: *M.-F. Prévost 1271*.

INVENTORY DATA (FG). — 125 trees in 50 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[851] *Inga pilosula* (Rich.) J.F.Macbr.  
(Fig. 30E)

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 29 (Macbride 1943). — *Mimosa pilosula* Rich., *Actes Soc. Hist. Nat. Paris* 1: 113 [Oct. 1792] (Richard 1792). — *Inga pilosiuscula* Desv., *J. Bot. Agric.* 3: 71 (Desvaux 1814), *nom. illeg. superfl.* (based on *Inga pilosula*). — *Feuilleea pilosula* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 186 [5 Nov. 1891] (Kuntze 1891).

*Inga quassiifolia* Willd., *Sp. Pl.*, ed. 4 4 (2): 1013 [Apr. 1806] (Willdenow 1806), “*quassiaefolia*”. — *Mimosa quassiifolia* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 41 [3 Sep. 1810] (Poiret 1810), “*quassiaefolia*”. — *Feuilleea quassiifolia* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 186 [5 Nov. 1891] (Kuntze 1891), “*quassiaefolia*”.

*Inga nitida* Willd., *Sp. Pl.*, ed. 4 4 (2): 1013 [Apr. 1806] (Willdenow 1806). — *Mimosa nitida* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 41 [3 Sep. 1810] (Poiret 1810), *nom. illeg. hom., non Vahl* (1791).

*Mimosa lucida* Vahl, *Eclog. Amer.* 3: 31 (Vahl 1807).

*Inga setifera* DC., *Prodr. [A. P. de Candolle]* 2: 432 [mid Nov. 1825] (Candolle 1825). — *Feuilleea setifera* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 184, 189 [5 Nov. 1891] (Kuntze 1891).

*Inga platycarpa* Benth., *J. Bot. [Hooker]* 2: 142 (Bentham 1840).

*Inga affinis* Steud., *Flora* 26 (45): 758 [17 Dec. 1843] (Steudel 1843), *nom. illeg. hom., non DC.* (Candolle 1825).

*Inga macrophylla* Hook., *Bot. Mag.* 84: t. 5075 (Hooker 1858), *nom. illeg. hom., non Humb. & Bonpl. ex Willd.* (Willdenow 1806).

*Inga versicolor* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 616 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga sanctae-annae* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 350 [“1894-96” publ. Dec. 1895] (Moore 1895).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.B. Leblond 144* (holo-, P-JU[not seen]; iso-, G[G00371331]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

[852] *Inga poeppigiana* Benth.

*London J. Bot.* 4: 602 (Bentham 1845). — *Feuilleea poeppigiana* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga ciliata* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 78 [23-25 Jan. 1845] (Poeppig 1845), *nom. illeg. hom., non* C.Presl (1834).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost et al.* 4465.

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.2$  cm.

[853] *Inga punctata* Willd.

*Sp. Pl.*, ed. 4 4 (2): 1016 [Apr. 1806] (Willdenow 1806), excl. syn. — *Feuilleea punctata* (Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Mimosa sericea* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 42 [3 Sep. 1810] (Poiret 1810).

*Inga leptoloba* Schltld., *Linnaea* 12: 560 (Schlechtendal 1838). — *Feuilleea leptoloba* (Schltld.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga rufinervis* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 612 [10 Apr. 1875] (Bentham 1875). — *Feuilleea rufinervis* (Spruce ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga strigillosa* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 612 [10 Apr. 1875] (Bentham 1875). — *Feuilleea strigillosa* (Spruce ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga punctata* var. *panamensis* Benth., *Trans. Linn. Soc. London* 30 (3): 613 [10 Apr. 1875] (Bentham 1875).

*Inga cycladenia* Pittier, *Contr. U.S. Natl. Herb.* 18 (5): 184 [30 Oct. 1916] (Pittier 1916).

*Inga popayanensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (5): 185 [30 Oct. 1916] (Pittier 1916).

*Inga ierensis* Britton, *Bull. Torrey Bot. Club* 50 (1): 52 [Jan. 1923] (Britton 1923).

*Inga punctata* subsp. *chagrensis* Pittier, *J. Dept. Agric. Porto Rico* 13: 135 (Pittier 1929).

*Inga punctata* var. *elongata* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 38 (Macbride 1943).

VERNACULAR NAMES. — Wp: paku inga • Cr: pwa-sikré • Br: ingá-canela, ingá-de-leite.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *P. Grenand* 1503.

SIZE. — Up to 60 cm dbh (Pennington 1997).

[854] *Inga retinocarpa* Poncy (Fig. 30F)

*Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 13 (3-4): 147 (Poncy 1991).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-F. Villiers & C. Feuillet* 2086 (holo-, P[P01818207]; iso-, CAY[CAY028096], NY[00005376], P[P01818208], U[U0003391]).

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43.4$  cm.

[855] *Inga rhynchocalyx* Sandwith

*Kew Bull.* 3 (2): 318 [20 Nov. 1948] (Sandwith 1948).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *O. Poncy & J. Munzinger* 1637.

INVENTORY DATA (FG). — 6 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.6$  cm.

[856] *Inga rubiginosa* (Rich.) DC.

*Prodr. [A. P. de Candolle]* 2: 434 [mid Nov. 1825] (Candolle 1825). — *Mimosa rubiginosa* Rich., *Actes Soc. Hist. Nat. Paris* 1: 113 [Oct. 1792] (Richard 1792). — *Feuilleea rubiginosa* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga standleyana* Pittier, *Contr. U.S. Natl. Herb.* 18 (5): 204 [30 Oct. 1916] (Pittier 1916).

VERNACULAR NAMES. — Pa: miumiu-áhinó • Ka: alawata busulukulu, alawata posu:lukulu, padyawa, paidyawa, payawa, pololu peta • Wp: akiki inga • Cr: pwa-sikré-rouj • Br: ingá-de-pelo.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *R.A.A. Oldeman* B-723.

INVENTORY DATA (FG). — 207 trees in 93 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 51$  cm.

[857] *Inga sarmentosa* Glaz. ex Harms

*Notizbl. Königl. Bot. Gart. Berlin* 6: 303 [30 June 1915] (Harms 1915).

*Inga capitata* var. *latifolia* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 120 (Ducke 1930).

NOTE. — A synonym of *Inga capitata* Desv. for Pennington (1997), but leaves are distinctive.

VERNACULAR NAMES. — Pa: simartē-puvemna • Wp: inga mani'ó • Nt: weko • Cr: pwa-sikré • Br: ingá.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier* 2372.

INVENTORY DATA (FG). — 55 trees in 33 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 59.5$  cm.

[858] *Inga sertulifera* DC.

*Prodr. [A. P. de Candolle] 2: 436 [mid Nov. 1825] (Candolle 1825).*

*Mimosa coriacea* Pers., *Syn. Pl. [Persoon] 2 (1): 262 [Nov. 1806] (Persoon 1806).* — *Feuilleea coriacea* (Pers.) Kuntze, *Revis. Gen. Pl. 1: 185 [5 Nov. 1891] (Kuntze 1891).* — *Inga coriacea* (Pers.) Desv., *J. Bot. Agric. 3: 71 (Desvaux 1814), “coriace”, nom. illeg. hom., non Humb. & Bonpl. ex Willd. (Willdenow 1806) [synonym of Calliandra coriacea (Humb. & Bonpl. ex Willd.) Benth.]*

VERNACULAR NAMES. — Pa: miumiu-akamā-arib, miumiu-akamā-aribinē • Ka: waikimili, wayamu tapulu • Te: inga dju • Wp: inga tawa • Wn: kului ahmit • Nt: adai weko, baaka weko • Cr: bakov-kanotié, pwa-sikré-baköv • Fr: pois sucré • Br: ingá-chata, ingá-de-baixo.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: X. Cuniberti 22.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

[859] *Inga splendens* Willd.

*Sp. Pl., ed. 4 4 (2): 1017 [Apr. 1806] (Willdenow 1806).* — *Mimosa splendens* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl. 1: 43 [3 Sep. 1810] (Poiret 1810).* — *Feuilleea splendens* (Willd.) Kuntze, *Revis. Gen. Pl. 1: 189 [5 Nov. 1891] (Kuntze 1891).*

*Inga floribunda* Benth., *J. Bot. [Hooker] 2: 143 (Bentham 1840).*

*Inga hostmannii* Pittier, *Contr. U.S. Natl. Herb. 18 (5): 188 [30 Oct. 1916] (Pittier 1916).* — *Inga splendens* var. *hostmannii* (Pittier) Ducke, *Arch. Jard. Bot. Rio de Janeiro 4: 15 (Ducke 1925).*

*Inga superba* Ducke, *Arch. Jard. Bot. Rio de Janeiro 3: 57 (Ducke 1922).* — *Inga splendens* var. *superba* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro 4: 16 (Ducke 1925).*

VERNACULAR NAMES. — Pa: miumiu-wašiuunu • Ka: anakala, inyai, inyau, lapalapa • Wp: a'ipopita • Wn: anahkale, tokulojem • Nt: kodya weko • Cr: pwa-sikré-koubari • Br: ingá-duro.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 3640.

INVENTORY DATA (FG). — 22 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 61.4$  cm.

[860] *Inga stipularis* DC.

*Prodr. [A. P. de Candolle] 2: 435 [mid Nov. 1825] (Candolle 1825).* — *Feuilleea stipularis* (DC.) Kuntze, *Revis. Gen. Pl. 1: 189 [5 Nov. 1891] (Kuntze 1891).*

VERNACULAR NAMES. — Ka: padyawa, payawa, waiki • Wp: inga sisi pay, inga u sówĩ, sisi pay • Nt: weko • Cr: pwa-sikré-gran-bwa • Br: ingá.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: J.P.B. von Rohr (“von Rohr ex Patris”) s.n. (original material BM[BM000541108]).

INVENTORY DATA (FG). — 64 trees in 44 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[861] *Inga striata* Benth.

*London J. Bot. 4: 608 (Bentham 1845).*

*Mimosa dulcis* Vell., *Fl. Flumin. Icon. 11: t. 4 [“1827” publ. 29 Oct. 1831] (Vellozo 1831), nom. illeg. hom., non Roxb. (Roxburgh 1795).* — *Inga dulcis* Mart., *Flora 20 (2, Beibl.): 113 (Martius 1837), nom. illeg. hom., non (Roxb.) Willd. (Willdenow 1806).* — *Inga arrabidae* Steud., *Nomencl. Bot. [Steudel], ed. 2, 1: 809 (Steudel 1840), nom. illeg. superfl. (based on Inga dulcis).*

*Inga catharinae* Benth., *London J. Bot. 4: 605 (Bentham 1845).* — *Feuilleea catharinae* (Benth.) Kuntze, *Revis. Gen. Pl. 1: 185 [5 Nov. 1891] (Kuntze 1891).*

*Inga nuda* Salzm. ex Benth., *London J. Bot. 4: 605 (Bentham 1845).* — *Feuilleea nuda* (Salzm. ex Benth.) Kuntze, *Revis. Gen. Pl. 1: 188 [5 Nov. 1891] (Kuntze 1891).*

*Inga salzmanniana* Benth., *London J. Bot. 4: 608 (Bentham 1845).* — *Feuilleea salzmanniana* (Benth.) Kuntze, *Revis. Gen. Pl. 1: 189 [5 Nov. 1891] (Kuntze 1891).*

*Inga comewynensis* Miq., *Stirp. Surinam. Select.: 1 [“1850” publ. Mar. 1851] (Miquel 1851).*

*Inga nuda* var. *longiflora* Benth., *Trans. Linn. Soc. London 30 (3): 618 [10 Apr. 1875] (Bentham 1875).*

*Inga prieurii* Sagot, *Ann. Sci. Nat., Bot. sér. 6, 13: 332 (Sagot 1882), “Priurei”.*

*Inga perrottetii* Sagot, *Ann. Sci. Nat., Bot. sér. 6, 13: 335 (Sagot 1882).*

*Inga canaminensis* Rusby, *Mem. New York Bot. Gard. 7: 249 (Rusby 1927).*

*Inga ellsworthiana* L.Urbe, *Caldasia 4 (20): 407 (Urbe 1947).*

NOTES. — *Inga arrabidae* Steud. is not a synonym of *Inga vera* subsp. *affinis* (DC.) T.D.Penn., and not a *nomen nudum*. Steudel (1840, 1: 809) cited in synonymy “*I. dulcis* Mart. (non Willd.)” and “*Mimosa dulcis* Arrab.” (i.e. *Mimosa dulcis* Vell.) *Inga dulcis* is based on the illegitimate *Mimosa dulcis* Vell., thus the authority for this binomial is “Mart.”, not “(Vell.) Mart.”

VERNACULAR NAMES. — Br: ingá-banana, ingá-caixão.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: F.M.R. Leprieur s.n. (original material of *Inga prieurii*: G[G00388527]).

INVENTORY DATA (FG). — 14 trees in 5 plots;  $dbh_{\text{inv}} = 54.1$  cm.

[862] *Inga suaveolens* Ducke

*Bol. Técn. Inst. Agron. N. 2: 5 (Ducke 1944).*

VERNACULAR NAMES. — Wp: paku inga • Nt: bita weko.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: S.A. Mori et al. 23344.

SIZE. — Up to 30 cm dbh (Pennington 1997).



[863] *Inga thibaudiana* DC.

*Prodr. [A. P. de Candolle]* 2: 434 [mid Nov. 1825] (Candolle 1825). — *Feuilleea thibaudiana* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga gladiata* Desv., *Ann. Sci. Nat. (Paris)* 9: 427 (Desvaux 1826).

*Inga macradenia* Mart. ex Benth., *London J. Bot.* 4: 596 (Bentham 1845), *nom. nud. pro syn.*

*Inga tenuiflora* Salzm. ex Benth., *London J. Bot.* 4: 596 (Bentham 1845), “*tenuifolia*”.

*Inga tenuiflora* var. *glabrior* Benth., *London J. Bot.* 4: 596 (Bentham 1845).

*Inga recordii* Britton & Rose, *Trop. Woods* 7: 5 (Britton & Rose 1926).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: miumiu-akamā-arib, miumiu-akamā-aribinē • Ka: alawata posu:lukulu, padyawa, payawa, sepundi, tamunen waiki, tanimi • Wp: alákwá inga • Wn: panawilili • Nt: kamina weko • Cr: pwa-sikré • Fr: pois sucré • Br: ingá-cipo-preta.

HERBARIUM DATA (FG). — 121 collections at CAY. Sel. exs.: *A.N. Desvaux s.n.* (type of *Inga gladiata*: P[P01818175]).

INVENTORY DATA (FG). — 139 trees in 60 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 45.2$  cm.

[864] *Inga umbellifera* (Vahl) Steud.

*Nomencl. Bot. [Steudel]* 1: 431 (Steudel 1821). — *Mimosa umbellifera* Vahl, *Eclog. Amer.* 3: 30 (Vahl 1807). — *Feuilleea umbellifera* (Vahl) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga sciadion* Steud., *Flora* 26 (45): 758 [17 Dec. 1843] (Steudel 1843). — *Feuilleea sciadion* (Steud.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga myriantha* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 77 [23-25 Jan. 1845] (Poeppig 1845). — *Feuilleea myriantha* (Poepp.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga rutilans* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 602 [10 Apr. 1875] (Bentham 1875), *nom. nud. pro syn.*

*Inga gracilipes* Standl., *J. Wash. Acad. Sci.* 15: 101 (Standley 1925).

*Inga lawranceana* Britton & Killip, *Phytologia* 1 (1): 23 [Dec. 1933] (Britton & Killip 1933).

VERNACULAR NAMES. — Pa: miumiu-asiru • Ka: wayamu tapulu • Wp: asila, kululu inga • Cr: pwa-sikré • Br: ingá-de-macaco.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *J.P.B. von Robr s.n.* (type C[C10012170]).

INVENTORY DATA (FG). — 41 trees in 35 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.2$  cm.

[865] *Inga umbratica* Poepp.

*Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 77 [23-25 Jan. 1845] (Poeppig 1845). — *Feuilleea umbratica* (Poepp.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

*Inga radiata* Rusby, *Mem. New York Bot. Gard.* 7: 252 (Rusby 1927).

*Inga brevialata* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 119 (Ducke 1930).

*Inga suturalis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 119 (Ducke 1930).

NOTE. — Poeppig is the sole author of vol. 3 of *Nova genera ac species plantarum* (Stafleu & Cowan, 1983: TL-2-8091).

HERBARIUM DATA (FG). — No collection at CAY. Sel. exs.: *H.S. Irwin 48608* (NY[02679450]).

SIZE. — Up to 20 cm dbh (Pennington 1997).

[866] *Inga vera* Willd. subsp. *affinis* (DC.) T.D.Penn.

Gen. *Inga*, Bot. 716 (Pennington 1997). — *Inga affinis* DC., *Prodr. [A. P. de Candolle]* 2: 433 [mid Nov. 1825] (Candolle 1825). — *Feuilleea affinis* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891).

*Mimosa umbellata* Vell., *Fl. Flumin. Icon.* 11: t. 12 [“1827” publ. 29 Oct. 1831] (Vellozo 1831), *nom. illeg. hom., non Vahl* (1791).

*Inga uraguensis* Hook. & Arn., *Bot. Misc.* 3: 202 (Hooker & Arnott 1833). — *Feuilleea uraguensis* (Hook. & Arn.) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891), “*uruguensis*”.

*Inga velloziana* Mart., *Flora* 20 (2, Beibl.): 114, 118 (Martius 1837).

*Inga acutifolia* Benth., *London J. Bot.* 4: 614 (Bentham 1845).

*Inga spuria* Humb. & Bonpl. ex Willd. var. *sordida* Benth., *London J. Bot.* 4: 616 (Bentham 1845).

*Inga meissneriana* Miq., *Stirp. Surinam. Select.*: 2 [“1850” publ. Mar. 1851] (Miquel 1851). — *Feuilleea meissneriana* (Miq.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Inga uraguensis* f. *tomentosula* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 481 (Chodat & Hassler 1904).

*Inga uraguensis* var. *parvifolia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 481 (Chodat & Hassler 1904).

*Inga arinensis* Hoehne, *Comm. Lin. Telegr., Bot.* 45 (8): 17 (Hoehne 1919).

*Inga soluta* Pittier, *Cat. Fl. Venez. [Pittier]* 1: 353 (Pittier 1945), *nom. nud.*

VERNACULAR NAMES. — Ka: wala potili • Te: inga katapali • Wp: inga katapali, katapali • Br: ingá-banana, ingá-do-brejo.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier 854*.

SIZE. — Up to 40 cm dbh (Pennington 1997).

[867] *Inga virgultosa* (Vahl) Desv.  
(Fig. 31A)

*Ann. Sci. Nat. (Paris)* 9: 426 (Desvaux 1826). — *Mimosa virgultosa* Vahl, *Eclog. Amer.* 3: 32 (Vahl 1807). — *Feuilleea virgultosa* (Vahl) Kuntze, *Revis. Gen. Pl.* 1: 189 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: pukuu • Wp: kululu inga sili • Nt: anpuku weko.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *J.P.B. von Rohr s.n.* (type C[C10012171]).

INVENTORY DATA (FG). — 10 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

[868] *Inga* sp. A

NOTE. — A species that superficially looks like *I. loubryana* Poncy. Dry leaf colour and venation are quite distinctive.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino 1924*.

INVENTORY DATA (FG). — 17 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 86.3$  cm.

[869] *Inga* sp. B

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2673*.

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.7$  cm.

[870] *Inga* sp. C

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2696*.

INVENTORY DATA (FG). — 7 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

[871] *Inga* sp. D

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 3325*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.2$  cm.

Genus *Leptolobium* Vogel

[872] *Leptolobium nitens* Vogel

*Linnaea* 11: 394 (Vogel 1837). — *Sweetia nitens* (Vogel) Benth., *J. Proc. Linn. Soc., Bot.* 8: 262 [17 Feb. 1865] (Bentham 1865). — *Acosmium nitens* (Vogel) Yakovlev, *Notes Roy. Bot. Gard. Edinburgh* 29 (3): 353 (Yakovlev 1969).

*Leptolobium nitidulum* Miq., *Stirp. Surinam. Select.*: 18 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Ka: silityo • Br: itaúba-rana.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J. Martin s.n.* (type B[not seen, photo F neg. N° 1875]).

SIZE. — Up to 30 m tall (Rodrigues & Tozzi 2012).

Genus *Leucaena* Benth.

[873] *Leucaena leucocephala* (Lam.) de Wit

*Taxon* 10: 54 (de Wit 1961). — *Mimosa leucocephala* Lam., *Encycl. [J. Lamarck et al.]* 1 (1): 12 [2 Dec. 1783] (Lamarck 1783). — *Acacia leucocephala* (Lam.) Link, *Enum. Hort. Berol. Alt.* 2: 444 (Link 1822).

*Galega mimosoides* Willd., *Sp. Pl.*, ed. 4 3 (2): 1249 [1-10 Nov. 1802] (Willdenow 1802). — *Tephrosia mimosoides* (Willd.) Pers., *Syn. Pl. [Persoon]* 2 (2): 330 [Sep. 1807] (Persoon 1807).

*Acacia biceps* Willd., *Sp. Pl.*, ed. 4 4 (2): 1075 [Apr. 1806] (Willdenow 1806). — *Mimosa biceps* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 75 [3 Sep. 1810] (Poiret 1810).

*Acacia frondosa* Willd., *Sp. Pl.*, ed. 4 4 (2): 1076 [Apr. 1806] (Willdenow 1806). — *Mimosa frondosa* (Willd.) Klein ex Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 76 [3 Sep. 1810] (Poiret 1810).

*Mimosa glandulosa* C.Sm., *Narr. Exped. Zaire*: 249 (Smith 1818), *nom. nud.*

*Tephrosia barclayana* Sweet, *Hort. Brit. [Sweet]*, ed. 2: 142 (Sweet 1830).

*Acacia caringa* Buch.-Ham. ex Wall., *Numer. List* no. 5239 (Wallich 1831).

*Leucaena glauca* Benth., *J. Bot. [Hooker]* 4: 416 (Bentham 1842).

NOTE. — A species native to Central America, widely cultivated in tropical and subtropical regions, naturalised in some French Guiana suburban areas.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *C. Feuillet 2961*.

Genus *Limadendron* Meireles & A.M.G.Azevedo

[874] *Limadendron hostmannii*  
(Benth.) Meireles & A.M.G.Azevedo  
(Fig. 31D)

*Pl. Syst. Evol.* 301: 705 [publ. 4 July 2014] (Meireles & Azevedo 2014). — *Cyclolobium hostmannii* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 52 [Mar. 1860] (Bentham 1860), “*Hostmannii*”. — *Poecilanthus hostmannii* (Benth.) Amshoff, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 61 (Amshoff 1939).

VERNACULAR NAMES. — Pa: miumiu-platno-kamwi • Wp: yapuku-liwa u.

HERBARIUM DATA (FG). — 62 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3086*.

INVENTORY DATA (FG). — 72 trees in 18 plots;  $F_{\max} = 3.9\%$ ;  $dbh_{\text{inv}} = 20.5$  cm.

Genus *Lonchocarpus* Kunth

[875] *Lonchocarpus hedyosmus* Miq.

*Linnaea* 18: 564 [“1844” publ. prob. Aug. 1845] (Miquel 1845). — *Derris hedyosma* (Miq.) J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 262 (Macbride 1943).

*Lonchocarpus macrocarpus* Benth. var. *sericophyllus* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 91 [Mar. 1860] (Bentham 1860), “*sericophylla*”.

*Lonchocarpus paniculatus* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 161 (Ducke 1922).

VERNACULAR NAMES. — Wp: pana'i, tatu'i u, wila ki • Cr: panakoko-marikaj.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1559*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

[876] *Lonchocarpus heptaphyllus* (Poir.) DC.

*Prodr. [A. P. de Candolle]* 2: 260 [mid Nov. 1825] (Candolle 1825). — *Dalbergia heptaphylla* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 445 [3 July 1812] (Poiret 1812). — *Amerimnon latifolium* Willd., *Sp. Pl.*, ed. 4 3 (2): 909 [1-10 Nov. 1802] (Willdenow 1802), “*Amerimnum*”, *nom. illeg. superfl.* [*Amerimnon pinnatum* Jacq., synonym of *Platymiscium pinnatum* (Jacq.) Dugand in syn.]

*Robinia sepium* Sw., *Fl. Ind. Occid.* 3: 1258 [Oct. 1806] (Swartz 1806), *nom. illeg. hom., non Jacq.* (Jacquin 1760) [synonym of *Gliricidia sepium* (Jacq.) Kunth ex Walp.]

*Dalbergia pentaphylla* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 445 [3 July 1812] (Poiret 1812).

*Lonchocarpus latifolius* DC., *Prodr. [A. P. de Candolle]* 2: 260 [mid Nov. 1825] (Candolle 1825).

*Lonchocarpus swartzii* DC., *Prodr. [A. P. de Candolle]* 2: 261 [mid Nov. 1825] (Candolle 1825).

*Cytisus membranaceus* Sessé & Moc., *Fl. Mexic.*, ed. 2, 174 (Sessé & Mociño 1894).

*Lonchocarpus discolor* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 421 (Huber 1902).

*Derris latifolia* Ducke, *Bol. Técn. Inst. Agron. N.* 18: 195 (Ducke 1949), *nom. illeg. hom., non Prain* (1898).

NOTES. — *Dalbergia pentaphylla* Poir. and *D. heptaphylla* Poir., published simultaneously, are the earliest legitimate names for this species, and they have been synonymized by Silva & Tozzi (2012). Therefore, *Lonchocarpus heptaphyllus* (Poir.) DC. is the name to be used for this species. *Amerimnon* (“*Amerimnum*”) *latifolium* Willd. is an illegitimate name, because Willdenow (1802: 909) cited *A. pinnatum* (synonym of *Platymiscium pinnatum*) in synonymy. Kunth (Humboldt *et al.* 1824): 383, adnot. 2) placed *Amerimnon latifolium* in *Lonchocarpus*, but he did not associate the genus name with the epithet, thus the combination is invalid and the correct authority of *L. latifolius* is “DC.” *Robinia nicou* Aubl., synonymised under *L. latifolius* by Tozzi & Silva (2007), is actually a species of *Deguelia* Aubl. (Silva & Tozzi 2012). Even though *Cytisus membranaceus*

Sessé & Moc. already appears in the first edition of the Flora Mexicana (Sessé & Mociño 1892-1898: 190), ed. 2 has priority, probably from p. 49 onward (Stafleu & Cowan 1985: TL-2-11756)].

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1441*.

SIZE. — Up to 20 m tall (Amshoff 1976).

Genus *Macrolobium* Schreb.

[877] *Macrolobium acaciifolium* (Benth.) Benth.

*Fl. Bras. [Martius]* 15 (2): 224 [1 Dec. 1870] (Bentham 1870), “*acaciaefolium*”. — *Outea acaciifolia* Benth., *J. Bot. [Hooker]* 2: 94 (Bentham 1840), “*acaciaefolia*”. — *Vouapa acaciifolia* (Benth.) Baill., *Hist. Pl. [Baillon]* 2: 109 [Jan.-Feb. 1870] (Baillon 1870), “*acaci-aeifolia*”. — *Vouapa acaciifolia* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 213 [5 Nov. 1891] (Kuntze 1891), “*Vuapa*”, isonym (orth. variant).

*Macrolobium acaciifolium* var. *vestitum* Sandwith, *Kew Bull.* 3 (2): 312 [20 Nov. 1948] (Sandwith 1948).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: iiru • Ka: alapali, alapali, alatapali • Te: kalaipe'i • Wp: alapali • Wn: elekesi • Nt: paata sii, wasipa • Cr: mapa-ri, rapari • Br: arapari, faveira.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2848*.

SIZE. — Up to 100 cm dbh (Cowan & Barneby 1998).

[878] *Macrolobium angustifolium* (Benth.) R.S.Cowan

*Mem. New York Bot. Gard.* 8 (4): 314 (Cowan 1953). — *Vouapa angustifolia* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 239 (Bentham 1850).

*Vouapa chrysostachya* Miq., *Stirp. Surinam. Select.*: 11 [“1850” publ. Mar. 1851] (Miquel 1851). — *Macrolobium chrysostachyum* (Miq.) Benth., *Fl. Bras. [Martius]* 15 (2): 220 [1 Dec. 1870] (Bentham 1870).

*Macrolobium chrysostachyum* var. *parviflorum* Benth., *Fl. Bras. [Martius]* 15 (2): 220 [1 Dec. 1870] (Bentham 1870), “*parviflora*”.

*Macrolobium hymeneifolium* Pittier, *Bol. Soc. Venez. Ci. Nat.* 7 (49): 141 (Pittier 1941), “*hymeneaeifolium*”.

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Ka: alatapa, atapa.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *A. Vail- lant s.n.* (P[P03464491]).

SIZE. — Up to 100 cm dbh (Cowan & Barneby 1998).

[879] *Macrolobium bifolium* (Aubl.) Pers.

*Syn. Pl. [Persoon]* 1: 39 [1 Apr.-15 June 1805] (Persoon 1805). — *Vouapa bifolia* Aubl., *Hist. Pl. Guiane* 1: 25 [Jun.-Dec. 1775] (Aublet 1775). — *Macrolobium vuapa* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 93 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Vouapa bifolia* [typ. cons. of *Macrolobium* Schreb. (*nom. cons.*)]. — *Macrolobium hymenaeoides* Willd., *Sp. Pl.*, ed. 4 1 (1): 186 [June 1797] (Willdenow 1797), *nom. illeg. superfl.* (based on *Vouapa bifolia*).

*Macrolobium elegans* Miq., *Ann. Sci. Nat., Bot. sér. 3*, 1: 40 (Miquel 1844).

*Macrolobium stamineum* G.Mey., *Prim. Fl. Esseq.* 18 [Nov. 1818] (Meyer 1818). — *Vouapa staminea* (G.Mey.) DC., *Prodr. [A. P. de Candolle]* 2: 511 [mid Nov. 1825] (Candolle 1825).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wap-purubumna • Ka: atapa, vouapa (*fide* Aublet 1775) • Te: takulu wila • Wp: ipewi • Wn: alawata pana, watapana • Nt: watampana • Cr: wapa-dilo, wapa-larivyé, wapa-marikaj, wapa-sek • Fr: wapa marécage • Br: fava-de-tambaqui, ingarana-vermelho, ipê-do-igapó.

HERBARIUM DATA (FG). — 91 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777305] designated by Lanjouw & Uittien [1940: 160]).

INVENTORY DATA (FG). — 100 trees in 34 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 49.4$  cm.

[880] *Macrolobium campestre* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 389 (Huber 1909).

VERNACULAR NAMES. — Nt: watampana.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 4958*.

INVENTORY DATA (FG). — 3 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.6$  cm.

[881] *Macrolobium guianense* (Aubl.) Pulle

*Enum. Vasc. Pl. Surinam* 211 (Pulle 1906), “*guyanense*”. — *Outea guianensis* Aubl., *Hist. Pl. Guiane* 1: 29 [Jun.-Dec. 1775] (Aublet 1775), “*guyanense*”. — *Macrolobium utea* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 93 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Outea guianensis*). — *Macrolobium pinnatum* Willd., *Sp. Pl.*, ed. 4 1 (1): 186 [June 1797] (Willdenow 1797), *nom. illeg. superfl.* (based on *Outea guianensis*). — *Outea guianensis* J.St.-Hil., *Expos. Fam. Nat.* 2: 203 (Saint-Hilaire 1805), “*Outea guyannensis*”, isonym (orth. variant). — *Macrolobium outea* Steud., *Nomencl. Bot. [Steudel]* 1: 503 (Steudel 1821), *nom. illeg. superfl.* (based on *Outea guianensis*). — *Vouapa guianensis* (Aubl.) Taub., *Bot. Centralbl.* 47: 394 [31 Sept 1891] (Taubert 1891), “*guyanensis*”. — *Vouapa guianensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 213 [5 Nov. 1891] (Kuntze 1891), “*Vuapa*”, isonym (orth. variant).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: watampana.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777303] designated by Lanjouw & Uittien [1940: 154]; isolecto-, BM[BM000952224]).

INVENTORY DATA (FG). — 127 trees in 4 plots;  $F_{\max} = 12.9\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[882] *Macrolobium huberianum* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 26 (Ducke 1915).

VERNACULAR NAMES. — Pa: sakeg-seinó.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier 5571*.

SIZE. — Up to 10 cm dbh (Cowan 1953).

[883] *Macrolobium multijugum* (DC.) Benth.

*Fl. Bras. [Martius]* 15 (2): 222 [1 Dec. 1870] (Bentham 1870). — *Outea multijuga* DC., *Prodr. [A. P. de Candolle]* 2: 510 [mid Nov. 1825] (Candolle 1825). — *Vouapa multijuga* (DC.) Taub., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (3): 85 (Taubert 1891). — *Vouapa multijuga* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 213 [5 Nov. 1891] (Kuntze 1891), “*Vuapa*”, isonym (orth. variant).

VERNACULAR NAMES. — Pa: iiru-purubumna • Ka: alapali, alatapali.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BR[BR0000005194605, BR0000005194698, BR0000005195022], FI[FI004958], K[K000264998]).

SIZE. — Guyana. *K.M. Redden et al. 3306*, 15 m.

Genus *Macrosamanea* Britton & Rose[884] *Macrosamanea pubiramea*  
(Steud.) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (1): 196 (Barneby & Grimes 1996). — *Inga pubiramea* Steud., *Flora* 26 (45): 759 [17 Dec. 1843] (Steudel 1843).

*Pithecellobium longiflorum* Benth., *London J. Bot.* 5: 107 (Bentham 1846), “*Pithecolobium*”. — *Feuillea longiflora* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891). — *Macrosamanea longiflora* (Benth.) Pittier, *Cat. Fl. Venez. [Pittier]* 1: 358 (Pittier 1945).

*Pithecellobium miquelianum* Meisn., *Linnaea* 21: 250 (Meisner 1848), “*Pithecolobium*”.

*Pithecellobium adiantifolium* (Kunth) Benth. var. *multipinnum* Benth., *Fl. Bras. [Martius]* 15 (2): 445 [1 July 1876] (Bentham 1876), “*Pithecolobium*”.

VERNACULAR NAMES. — Ka: alamilulan.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-J. de Granville 2902*.

SIZE. — Up to 10 m tall (Barneby *et al.* 2011).



FIG. 31. — Leguminosae: **A**, *Inga virgultosa* (Vahl) Desv. (M.-F. Prévost 4435); **B**, *Monopteryx inpaie* W.A.Rodrigues (D. Sabatier & J.-F. Molino 5671); **C**, *Paloue induta* Sandwith (D. Sabatier 5785); **D**, *Limadendron hostmannii* (Benth.) Meireles & A.M.G.Azevedo; **E**, *Parkia gigantocarpa* Ducke (D. Sabatier *et al.* 6137); **F**, *Platymiscium trinitatis* Benth. (D. Sabatier 3516). A, © M.-F. Prévost/IRD; B-F, © D. Sabatier/IRD.

Genus *Martiodendron* Gleason

[885] *Martiodendron parviflorum* (Amshoff) R.C.Koeppen

*Brittonia* 14 (2): 202 [15 Apr. 1962] (Koeppen 1962). — *Martiusia parviflora* Amshoff, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 32 (Amshoff 1939).

VERNACULAR NAMES. — Wn: mëpuimë • Nt: mutyengetyenge • Br: muirá-pixuna.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: J.-F. Molino & D. Sabatier 1987.

INVENTORY DATA (FG). — 17 trees in 12 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 97$  cm.

Genus *Monopteryx* Spruce ex Benth.

[886] *Monopteryx inpaë* W.A.Rodrigues  
(Fig. 31B)

*Acta Amazonica* 5 (2): 153 (Rodrigues 1975).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5671*.

INVENTORY DATA (FG). — 135 trees in 27 plots;  $F_{\max} = 3.5\%$ ;  $dbh_{\text{inv}} = 170.3$  cm.

Genus *Ormosia* Jacks.

[887] *Ormosia bolivarensis* (Rudd) C.H.Stirt.

*Fl. Venez. Guayana* 5: 366 (Stirton 1999). — *Ormosia nobilis* var. *bolivarensis* Rudd, *Contr. U.S. Natl. Herb.* 32 (5): 345 [17 Sep. 1965] (Rudd 1965).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2173*.

INVENTORY DATA (FG). — 37 trees in 20 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 56.8$  cm.

[888] *Ormosia cinerea* Benoist

*Bull. Mus. Natl. Hist. Nat.* 26: 86 (Benoist 1920).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *G. Wachenheim 88* (original material P[P03101329, P03101332]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 29.9$  cm.

[889] *Ormosia coarctata* Jacks.

*Trans. Linn. Soc. London* 10 (2): 363 [7 Sept 1811] (Jackson 1811).

*Ormosia cuneata* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 64 (Ducke 1925).

VERNACULAR NAMES. — Ka: anakoko, panakoko • Wp: monokoe u, onokoe u, teposi kili • Wn: onohkoi, onohkowe • Nt: agi, neko udu.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M. Fleury 2166*.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.7$  cm.

[890] *Ormosia coccinea* (Aubl.) Jacks.

*Trans. Linn. Soc. London* 10 (2): 360 [7 Sept 1811] (Jackson 1811). — *Robinia coccinea* Aubl., *Hist. Pl. Guiane* 2: 773 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Pa: wanaku-kamwi • Ka: anakoko, panakoko • Wn: onohkowe • Nt: agi • Cr: panakoko • Fr: panacoco • Br: muirapiranga, tento.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000931940]).

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100.6$  cm.

[891] *Ormosia costulata* (Miq.) Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 392 [“1925” publ. Jan. 1926] (Kleinhoonte 1926). — *Leptolobium costulatum* Miq., *Stirp. Surinam. Select.*: 17 [“1850” publ. Mar. 1851] (Miquel 1851).

*Ormosia trifoliolata* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 398 (Huber 1909). — *Ormosia costulata* var. *trifoliolata* (Huber) Amshoff, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 48 (Amshoff 1939), “*trifoliata*”.

VERNACULAR NAMES. — Ka: anakoko, panakoko.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *B. Duretève & F. Crozier 19*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 21$  cm.

[892] *Ormosia coutinhoi* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 136 (Ducke 1922). — *Macroule coutinhoi* (Ducke) Pierce, *Trop. Woods* 71: 2 (Pierce 1942).

VERNACULAR NAMES. — Pa: kudagman-wašiuñó, wadidga-purubumna, wanaku-marikasmategene • Wn: alakapuli, onohkoimë • Nt: neko udu gaan wiwi • Cr: sen-marten-blan • Fr: saint-martin blanc grandes feuilles • Br: buiuçu.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4385*.

INVENTORY DATA (FG). — 111 trees in 46 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 79.6$  cm.

[893] *Ormosia flava* (Ducke) Rudd

*Contr. U.S. Natl. Herb.* 32 (5): 298 [17 Sep. 1965] (Rudd 1965). — *Clathrotropis flava* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 134 (Ducke 1922). — *Ormosiopsis flava* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 61 (Ducke 1925).

*Clathrotropis surinamensis* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 395 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

VERNACULAR NAMES. — Ka: alesiki'i • Wp: mēwā • Br: breu-sucupira, tento-preto.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2403*.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

[894] *Ormosia lignivalvis* Rudd

*Contr. U.S. Natl. Herb.* 32 (5): 331 [17 Sep. 1965] (Rudd 1965).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M.-F. Prévost 2966*.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 105.7$  cm.

[895] *Ormosia melanocarpa* Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 391 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4137*.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 69.9$  cm.

[896] *Ormosia nobilis* Tul.

*Arch. Mus. Hist. Nat.* 4: 106 (Tulasne 1844).

VERNACULAR NAMES. — Ka: anakoko, panakoko • Wp: monokoe, onokoe • Nt: lebi agi • Cr: panakoko-blan • Fr: panacoco blanc • Br: jatobaí-do-igapó, tento-grande.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2817*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[897] *Ormosia paraensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 62 (Ducke 1925).

*Ormosia crassicarpa* Pierce ex Pittier, *Bol. Soc. Venez. Ci. Nat.* 10: 108 (Pittier 1944).

*Ormosia heterophylla* Pires, *Bol. Těcn. Inst. Agron. N.* 38: 24 (Pires 1960).

VERNACULAR NAMES. — Pa: wanaku-priyo • Ka: anakoko, ityulu anakoko, panakoko • Wp: monokoe u, onokoe u, teposi kili • Cr: panakoko • Br: olho-de-cabra, tento.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3967*.

INVENTORY DATA (FG). — 43 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63$  cm.

[898] *Ormosia stipularis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 65 (Ducke 1925).

VERNACULAR NAMES. — Ka: ityulanano anakoko • Wp: monokoe u, onokoe u, teposi kili • Wn: wapotoimë • Cr: panakoko • Br: mulungu-brabo, tento.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2194*.

INVENTORY DATA (FG). — 10 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.1$  cm.

[899] *Ormosia* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier 4853*.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.1$  cm.

[900] *Ormosia* sp. B

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3420*.

INVENTORY DATA (FG). — 13 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 66.3$  cm.

[901] *Ormosia* sp. C

HERBARIUM DATA (FG). — One collection at CAY. Sel. exs.: *C. Moretti 358*; *M. Fleury 911* (P): “Grand arbre ripicole”.

Genus *Paloue* Aubl.

[902] *Paloue brasiliensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 27 (Ducke 1915), “*Palovea*”.

VERNACULAR NAMES. — Pa: makit, makitwa • Nt: baaka wapa.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *R.A.A. Oldeman & C. Sastre 163*; *R.A.A. Oldeman & C. Sastre 77*, 15 m.

[903] *Paloue guianensis* Aubl.

*Hist. Pl. Guiane* 1: 365 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

VERNACULAR NAMES. — Pa: makit, makitwa • Nt: baaka wapa.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[not seen], designated by Redden *et al.* [2018: 19]).

INVENTORY DATA (FG). — 3 trees in 1 plot;  $dbh_{\text{inv}} = 15.9$  cm.

[904] *Paloue induta* Sandwith  
(Fig. 31C)

*Bull. Misc. Inform. Kew* 1937 (2): 106 (Sandwith 1937).

NOTE. — *Paloue induta* subsp. *induta* is apparently endemic to the Guiana Shield.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier 5785*.

INVENTORY DATA (FG). — 30 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.6$  cm.

[905] *Paloue leiogyne* (Ducke) Redden

*Smithsonian Contr. Bot.* 109: 23 (Redden 2018). — *Elizabetha leiogyne* Ducke, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 4 (6): 727 (Ducke 1932).

HERBARIUM DATA (FG). — A single collection, *B.M. Boom & S.A. Mori* 1795.

SIZE. — Up to 30 m tall (Cowan & Berry 1998).

[906] *Paloue paraensis* (Ducke) Redden

*Smithsonian Contr. Bot.* 109: 26 (Redden 2018). — *Elizabetha paraensis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 102 (Ducke 1922).

VERNACULAR NAMES. — Wp: amata'i • Cr: bwa-makak • Br: arapari-vermelho.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Grenand* 649.

SIZE. — Up to 50 m tall (Cowan & Berry 1998).

[907] *Paloue princeps* (R.H.Schomb. ex Benth.) Redden

*Smithsonian Contr. Bot.* 109: 27 (Redden 2018). — *Elizabetha princeps* R.H.Schomb. ex Benth., *J. Bot. [Hooker]* 2: 92 (Bentham 1840).

NOTE. — In their recent revision of Paloue, Redden *et al.* (2018) cite the basionym of *P. princeps*, *Elizabetha princeps* with the authorship “M.R.Schomb. ex Benth.,” and give the type “Guyana. 1839 (fl., fr.). R. Schomburgk s.n. (holotype: K!; isotype: F!)”. However, the original material collected in 1839 and reported by Hooker in 1840 was collected by Robert (Hermann) Schomburgk, not his younger brother (Moritz) Richard who first arrived in Guyana in 1841. Further, the specimen mentioned as isotype by Redden *et al.* (2018) (F, V0057797F) is a fragment of a lost B specimen (photo F neg. N° 1560). If this specimen was collected by Richard Schomburgk, as the label seems to indicate, then it cannot be part of the original material. Among the three original specimens of *Elizabetha princeps* R.H.Schomb. ex Benth. at K, two are in Herbarium Benthamianum. One of them (K000264886) has a label “Holotype, *Elizabetha princeps* Schomb. ex Benth., det. R.S. Cowan, 10/1975” and is here designated as lectotype. The other two (K000264887, in Herbarium Benthamianum, and K000264888, in Herbarium Hookerianum) are isolectotypes.

VERNACULAR NAMES. — Wp: tapaka'i • Wn: wapaimë • Cr: wapa-mèg.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4427.

INVENTORY DATA (FG). — 37 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.1$  cm.

[908] *Paloue riparia* Pulle

*Enum. Vasc. Pl. Surinam* 212 (Pulle 1906), “Palovea”.

VERNACULAR NAMES. — Te: amata'i.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 5046.

INVENTORY DATA (FG). — 6 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

Genus *Paramachaerium* Ducke

[909] *Paramachaerium ormosioides* (Ducke) Ducke

*Trop. Woods* 41: 6 (Ducke 1935). — *Pterocarpus ormosioides* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 154 (Ducke 1922).

VERNACULAR NAMES. — Pa: muhut-ahavukunó • Nt: mongo gwegwe • Cr: moutouchi-montagn • Fr: moutouchi montagne.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3564.

INVENTORY DATA (FG). — 25 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 87.1$  cm.

Genus *Parkia* R.Br.

[910] *Parkia decussata* Ducke

*Notizbl. Bot. Gart. Berlin-Dahlem* 11: 472 [11 July 1932] (Ducke 1932).

VERNACULAR NAMES. — Pa: sakeg-kamwi.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25564.

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 77$  cm.

[911] *Parkia gigantocarpa* Ducke  
(Fig. 31E)

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 19 (Ducke 1915).

VERNACULAR NAMES. — Wp: alamulu sili • Br: coré-grande, fava-ataná.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 1671.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $dbh_{\text{inv}} = 95$  cm.

[912] *Parkia nitida* Miq.

*Stirp. Surinam. Select.*: 7 [“1850” publ. Mar. 1851] (Miquel 1851).

*Paryphosphaera arborea* H.Karst., *Fl. Columb. [H. Karsten]* 2 (1): 7 [15 Dec. 1862] (Karsten 1862). — *Parkia arborea* (H.Karst.) J.F.Macbr., *Contr. Gray Herb.*, n.s., 59: 19 (Macbride 1919).

*Parkia oppositifolia* Spruce ex Benth., *Trans. Linn. Soc. London* 30 (3): 363 [10 Apr. 1875] (Bentham 1875).

*Parkia paryphosphaera* Benth., *Trans. Linn. Soc. London* 30 (3): 363 [10 Apr. 1875] (Bentham 1875).



*Parkia sylvatica* Pulle, *Recueil Trav. Bot. Néerl.* 4: 128 (Pulle 1907), *pro parte quoad flores tantum*; leaves belong to *Abarema claviflora* (Spruce) Kleinhoonte, *vide* Kleinhoonte (1940).

*Parkia ingens* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 34 (Ducke 1925), *pro parte excl. specim. Ducke s.n.* (MG 16644).

*Parkia inundabilis* Ducke, *Arch. Inst. Biol. Veg.* 4 (1): 7 (Ducke 1938).

*Parkia alliadora* Ducke, *Bol. Técn. Inst. Agron. N.* 2: 9 (Ducke 1944).

VERNACULAR NAMES. — Pa: karevru, sakeg-kamwi • Ka: ululu'u • Wp: alamulu, alamulu sī • Wn: heli apotpë • Nt: weti dondomisinga • Cr: bwa-ara, mal-akasya • Br: arapari-branco, arara-tucupi, caramuru, faveira-benguê, japacaním.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *M.-F. Prévost* 3442.

INVENTORY DATA (FG). — 157 trees in 106 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 148$  cm.

[913] *Parkia pendula* (Willd.) Benth. ex Walp.

*Repert. Bot. Syst. [Walpers]* 5 (4): 577 [14-15 Apr. 1846] (Walpers 1846). — *Inga pendula* Willd., *Sp. Pl.*, ed. 4 4 (2): 1025 [Apr. 1806] (Willdenow 1806). — *Mimosa pendula* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 47 [3 Sep. 1810] (Poiret 1810).

VERNACULAR NAMES. — Pa: sakeg • Ka: apakanilan, eleyululan, ululu'u • Te: dzelulu • Wp: yolulu, yululu • Wn: julú • Nt: kwata kama • Cr: bwa-ara, mal-bwa-makak • Fr: acacia mâle • Br: araratucupi, fava-bolota, faveira-de-chorão, joérana, visgueiro.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3678.

INVENTORY DATA (FG). — 31 trees in 28 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[914] *Parkia reticulata* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 126 (Ducke 1930).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & E. Fonty* 5589.

INVENTORY DATA (FG). — 10 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70.9$  cm.

[915] *Parkia ulei* (Harms) Kuhlman. var. *surinamensis* Kleinhoonte

*Recueil Trav. Bot. Néerl.* 30: 169 [July 1933] (Kleinhoonte 1933).

*Parkia microcephala* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 411 ["1925" publ. Jan. 1926] (Kleinhoonte 1926).

NOTE. — Since a name has no priority outside its rank, and despite Rec. 24B.2 of the Code (Turland *et al.* 2018), the new name *P. ulei* var. *surinamensis* Kleinhoonte, created at varietal rank for *Parkia microcephala* Kleinhoonte, is legitimate.

VERNACULAR NAMES. — Ka: kuyali tapityi, kuyali topaitye • Wp: akiki nami, alapokwa'i wu • Nt: dondomisinga • Cr: mal-akasya • Br: esponjeira, paricá-de-esponja.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier* 865.

INVENTORY DATA (FG). — 24 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 71.3$  cm.

[916] *Parkia velutina* Benoist

*Notul. Syst. (Paris)* 3: 271 [7 May 1917] (Benoist 1917).

VERNACULAR NAMES. — Pa: sakeg-kamwi • Wp: alamulu pilá • Nt: baaka dondomisinga • Br: corezeiro, esponjeira.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *R. Benoist* 1005 (original material P[P02436134, P02436135, P02436136]).

INVENTORY DATA (FG). — 63 trees in 51 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 91.4$  cm.

[917] *Parkia* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5101.

INVENTORY DATA (FG). — 1 tree,  $dbh = 32.5$  cm.

Genus *Peltogyne* Vogel

[918] *Peltogyne lecointei* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 96 (Ducke 1922), "*LeCointei*".

VERNACULAR NAMES. — Pa: â-ivuniat • Wp: wila takulu pilá (for *Peltogyne* sp.) • Nt: dasitan, papaati • Cr: bwa-vyolèt • Fr: amarante • Br: coataquiçaua, guarabu, mulateiro, pau-roxo, violeta.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier* 2448.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 88.8$  cm.

[919] *Peltogyne paniculata* Benth. subsp. *pubescens* (Benth.) M.F.Silva

*Acta Amazonica* 6 (1, Suppl.): 38 (Silva 1976). — *Peltogyne pubescens* Benth., *J. Bot. [Hooker]* 2: 96 (Bentham 1840).

*Peltogyne amplissima* Pittier ex R.Knuth, *Repert. Spec. Nov. Regni Veg. Beih.* 43: 370 (Knuth 1927), *nom. nud.*

NOTE. — *Peltogyne paniculata* Benth. is hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: malako, šimililan, wewe pipyo • Wp: wila tátá • Wn: pawe, wapaimë • Nt: dasitan, papaati • Cr: bwa-vyolèt • Fr: amarante, bois violet • Br: escorrega-macaco, guarabu, mulateiro, pau-roxo, violeta.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2279.

INVENTORY DATA (FG). — 28 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 58$  cm.

[920] *Peltogyne venosa* (Vahl) Benth.

*Fl. Bras. [Martius]* 15 (2): 233 [1 Dec. 1870] (Bentham 1870). — *Hymenaea venosa* Vahl, *Eclog. Amer.* 2: 31 (Vahl 1798).

VERNACULAR NAMES. — Ka: šimililan, wewe pipyo • Wn: pawe, weweimë • Nt: papaati • Cr: bwa-vyolèt • Fr: amarante, bois violet • Br: guarabu, mulateiro, pau-roxo, violeta.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *P.A. Sagot s.n.* (P[P03110846]).

INVENTORY DATA (FG). — 188 trees in 69 plots;  $F_{\max} = 3.2\%$ ;  $dbh_{\text{inv}} = 120$  cm.

[921] *Peltogyne* sp. A

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 2447*.

INVENTORY DATA (FG). — 47 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

Genus *Pentaclethra* Benth.[922] *Pentaclethra macroloba* (Willd.) Kuntze

*Revis. Gen. Pl.* 1: 201 [5 Nov. 1891] (Kuntze 1891). — *Acacia macroloba* Willd., *Sp. Pl.*, ed. 4 4 (2): 1060 (printed 1054 in error) [Apr. 1806] (Willdenow 1806). — *Mimosa macroloba* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 66 [3 Sep. 1810] (Poiret 1810).

*Acacia aspidioides* G.Mey., *Prim. Fl. Esseq.* 165 [Nov. 1818] (Meyer 1818).

*Pentaclethra filamentosa* Benth., *J. Bot. [Hooker]* 2: 127 (Bentham 1840).

*Pentaclethra brevifila* Benth., *J. Bot. [Hooker]* 2: 128 (Bentham 1840).

*Cailliea macrostachya* Steud., *Flora* 26 (45): 759 [17 Dec. 1843] (Steudel 1843). — *Dichrostachys macrostachya* (Steud.) Walp., *Repert. Bot. Syst. [Walpers]* 5 (4): 583 [14-15 Apr. 1846] (Walpers 1846).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: yuumwi • Ka: palawakasi • Cr: wapa-charles • Br: pracaxi.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier 901*; *M.-F. Prévost 4059*, 12 m × 13 cm.

Genus *Platymiscium* Vogel[923] *Platymiscium filipes* Benth.

*J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 83 [Mar. 1860] (Bentham 1860).

HERBARIUM DATA (FG). — A single collection, *J. Martin s.n.* (original material K[K000530367]).

SIZE. — Brazil, Pará. *G.T. Prance 25763* (MO), 10 m × 15 cm.

[924] *Platymiscium pinnatum* (Jacq.) Dugand

*Contr. Hist. Nat. Colomb.* 1: 11 (Dugand 1938). — *Amerimnon pinnatum* Jacq., *Select. Stirp. Amer. Hist.*: 200 [5 Jan. 1763] (Jacquin 1763). — *Lonchocarpus amerimnum* DC., *Prodr. [A. P. de Candolle]* 2: 261 [mid Nov. 1825] (Candolle 1825), *nom. illeg. superfl.* (based on *Amerimnon pinnatum*).

*Platymiscium polystachyum* Benth., *Bot. Voy. Herald [Seemann]* 3: 111 [Nov. 1853] (Bentham 1853). — *Platymiscium pinnatum* subsp. *polystachyum* (Benth.) Klitg., *Kew Bull.* 54 (4): 973 [“1999” publ. 3 Feb. 2000] (Klitgaard 2000).

*Platymiscium polystachyum* var. *fendleri* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 83 [Mar. 1860] (Bentham 1860).

*Platymiscium dubium* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 125 [18 June 1918] (Pittier 1918).

VERNACULAR NAMES. — Ka: kunatepi • Wp: mutusi, mutusi šī • Nt: neko udu.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2950*.

INVENTORY DATA (FG). — 50 trees in 34 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 92$  cm.

[925] *Platymiscium trinitatis* Benth.

(Fig. 31F)

*J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 82 [Mar. 1860] (Bentham 1860).

*Platymiscium duckei* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 83 (Huber 1910). — *Platymiscium trinitatis* var. *duckeii* (Huber) Klitg., *Kew Bull.* 54 (4): 970 [“1999” publ. 3 Feb. 2000] (Klitgaard 2000).

*Platymiscium nigrum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 157 (Ducke 1922). — *Platymiscium duckei* var. *nigrum* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 87 (Ducke 1925). — *Platymiscium trinitatis* var. *nigrum* (Ducke) Klitg., *Kew Bull.* 54 (4): 971 [“1999” publ. 3 Feb. 2000] (Klitgaard 2000).

VERNACULAR NAMES. — Br: guarapiranga, macacaúba.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier 3516*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.5$  cm.

Genus *Pseudopiptadenia* Rauschert[926] *Pseudopiptadenia psilostachya* (DC.) G.P.Lewis & M.P.Lima

*Arch. Jard. Bot. Rio de Janeiro* 30: 55 [“1989-90” publ. 1991] (Lewis & Lima 1991), excluding *P. suaveolens* from synonymy. — *Acacia psilostachya* DC., *Prodr. [A. P. de Candolle]* 2: 457 [mid Nov. 1825] (Candolle 1825). — *Piptadenia psilostachya* (DC.) Benth., *J. Bot. [Hooker]* 4: 336 (Bentham 1842). — *Newtonia psilostachya* (DC.) Brenan, *Kew Bull.* 10 (2): 182 [12 Sep. 1955] (Brenan 1955).

*Entada wrbaeana* C.Presl, *Abh. Königl. Böhm. Ges. Wiss.*, ser. 5, 6: 566 (Presl 1851).

VERNACULAR NAMES. — Ka: šimililan, walekone • Te: akiki'i • Wp: wilá lě, wilá lě pilá, wilá lě sī • Nt: alimiaw, pikimisiki • Cr: alimiao • Br: angico, paricá-branco, timborana-foliolo-graúdo.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *J. Martin 2* (original material F[V0360975F], K[K000504699], US[00000274]).

INVENTORY DATA (FG). — 128 trees in 50 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 121$  cm.

[927] *Pseudopiptadenia suaveolens* (Miq.) J.W.Grimes

*Brittonia* 45 (1): 27 (Grimes 1993). — *Piptadenia suaveolens* Miq., *Linnaea* 18: 589 ["1844" publ. prob. Aug. 1845] (Miquel 1845). — *Newtonia suaveolens* (Miq.) Brenan, *Kew Bull.* 10 (2): 182 [12 Sep. 1955] (Brenan 1955).

VERNACULAR NAMES. — Pa: mbagwi-puvemna, mbarui-puvemna • Ka: šimililan, walekone • Wp: wilá lě, wilá lě pilá • Wn: alimiap, alimijaop • Nt: alimiaw, pikimisiki • Cr: alimiao • Br: angico, paricá-branco, timborana-foliolo-fina.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2121*.

INVENTORY DATA (FG). — 120 trees in 68 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 160$  cm.

Genus *Pterocarpus* Jacq.

[928] *Pterocarpus officinalis* Jacq.

*Select. Stirp. Amer. Hist.*: 283 [5 Jan. 1763] (Jacquin 1763). — *Lingoum officinale* (Jacq.) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Pterocarpus draco* L., *Sp. Pl.*, ed. 2, 2: 1662 [Aug. 1763] (Linnaeus 1763). — *Moutouchi draco* (L.) Benth., *Commentat. Legum. Gen.* 30 [June 1837] (Bentham 1837), "*Moutouchia*".

*Moutouchi suberosa* Aubl., *Hist. Pl. Guiane* 2: 748 [Jun.-Dec. 1775] (Aublet 1775). — *Pterocarpus suberosus* (Aubl.) Pers., *Syn. Pl. [Persoon]* 2 (2): 277 [Sep. 1807] (Persoon 1807). — *Pterocarpus moutouchi* Poir., *Tabl. Encycl.* 3: 161 [22 Feb. 1823] (Poirot 1823), "*Montouchi*", *nom. illeg. superfl.* (based on *Moutouchi suberosa*).

*Pterocarpus hemipterus* Gaertn., *Fruct. Sem. Pl.* 2: 351 [Apr.-May 1791] (Gaertner 1791), "*hemiptera*".

*Pterocarpus crispatus* Moc. & Sessé ex DC., *Prodr. [A. P. de Candolle]* 2: 418 [mid Nov. 1825] (Candolle 1825). — *Moutouchi crispata* (Moc. & Sessé ex DC.) Benth., *Commentat. Legum. Gen.*: 30 [June 1837] (Bentham 1837), "*Moutouchia*".

*Pterocarpus belizensis* Standl., *Trop. Woods* 7: 6 (Standley 1926).

VERNACULAR NAMES. — Pa: muhut • Ka: mutusi, tiyapotano mutusi • Te: bututsi • Wp: mutusi, mutusi e'e, mutusi pilá • Wn: miumili • Nt: gwegwe, sabana gwegwe • Cr: moutouchi-marikaj, moutouchi-rivié, moutouchi-savann • Fr: moutouchi marécage, moutouchi rivière • Br: corticeira, mututy.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *M.-F. Prévost 752*.

INVENTORY DATA (FG). — 120 trees in 18 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[929] *Pterocarpus rohrii* Vahl

*Symb. Bot. [Vahl]* 2: 79 [Jul.-Dec. 1791] (Vahl 1791). — *Amphymenium rohrii* (Vahl) Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 380 [12 July 1824] (Kunth 1824), *nom. inval.* (genus name and epithet not associated). — *Lingoum rohri* (Vahl) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Pterocarpus apalatoa* Rich., *Actes Soc. Hist. Nat. Paris* 1: 111 [Oct. 1792] (Richard 1792).

*Amphymenium villosum* Mart. ex Benth., *Commentat. Legum. Gen.* 31 [June 1837] (Bentham 1837). — *Pterocarpus villosus* (Mart. ex Benth.) Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 79 [Mar. 1860] (Bentham 1860). — *Lingoum villosum* (Mart. ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Phellocarpus floridus* Benth., *Commentat. Legum. Gen.* 42 [June 1837] (Bentham 1837). — *Piscidia florida* Mart. ex Benth., *Commentat. Legum. Gen.* 42 [June 1837] (Bentham 1837), *nom. nud. pro syn.*

*Phellocarpus laxiflorus* Benth., *Commentat. Legum. Gen.* 42 [June 1837] (Bentham 1837).

*Pterocarpus violaceus* Vogel, *Linnaea* 11: 416 (Vogel 1837). — *Lingoum violaceum* (Vogel) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Pterocarpus rufescens* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 79 [Mar. 1860] (Bentham 1860). — *Lingoum rufescens* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Pterocarpus violaceus* var. *angustifolia* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 79 [Mar. 1860] (Bentham 1860).

*Pterocarpus hayesii* Hemsl., *Diagn. Pl. Nov. Mexic.* 1: 8 [July 1878] (Hemsley 1878).

*Pterocarpus floribundus* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 123 [18 June 1918] (Pittier 1918), *nom. illeg. hom., non* Wall. (Wallich 1831) *nec* Kuntze (1891).

*Pterocarpus steinbachianus* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 1039 [15 Nov. 1926] (Harms 1926).

*Pterocarpus rupestris* Pittier, *Arb. Arbust. Venez.* 6-8: 97 [Aug.-Sep. 1927] (Pittier 1927).

*Pterocarpus reticulatus* Standl., *Trop. Woods* 16: 38 (Standley 1928).

*Pterocarpus magnicarpus* Schery, *Fieldiana, Bot.* 28 (2): 261 (Schery 1952), "*magnicarpa*".

*Pterocarpus rohrii* var. *rubiginosus* Schery, *Fieldiana, Bot.* 28 (2): 261 (Schery 1952).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: sakaugi-kamwi, sakauri-kamwi • Ka: mutusilan • Nt: baaka panga, baaka wapa, gwegwe • Cr: moutouchi-ribanné • Fr: moutouchi rubané, moutouchi savane • Br: mututy-da-terra-firme, sangue-de-galo.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *M.-F. Prévost* 3667.

INVENTORY DATA (FG). — 23 trees in 17 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 57.2$  cm.

[930] *Pterocarpus santalinoides* L'Hér. ex DC.

*Prodr. [A. P. de Candolle]* 2: 419 [mid Nov. 1825] (Candolle 1825).

*Pterocarpus esculentus* Schumach. & Thonn., *Beskr. Guin. Pl.* 330 (Schumacher & Thonning 1827). — *Lingoum esculentum* (Schumach. & Thonn.) Kuntze, *Revis. Gen. Pl.* 1: 193 [5 Nov. 1891] (Kuntze 1891).

*Pterocarpus michelii* Britton, *Ann. New York Acad. Sci.* 7: 86 (Britton 1893).

*Pterocarpus amazonicus* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 402 (Huber 1909).

*Pterocarpus grandis* R.S.Cowan, *Mem. New York Bot. Gard.* 10 (4): 86 (Cowan 1961).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: sakaugi, sakauri • Ka: konomelulan • Wp: mutusi, mutusi sî • Wn: mïumili • Cr: moutouchi-ribanné • Br: mututy-da-terra-firme, sangue-de-galo.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 2057.

INVENTORY DATA (FG). — 6 trees in 4 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 50$  cm.

### Genus *Recordoxylon* Ducke

[931] *Recordoxylon speciosum* (Benoist) Gazel ex Barneby (Fig. 32A)

*Brittonia* 45 (3): 235 (Barneby 1993). — *Melanoxylon speciosum* Benoist, *Bull. Mus. Natl. Hist. Nat.* 26: 87 (Benoist 1920).

*Melanoxylon amazonicum* Ducke, *Trop. Woods* 31: 15 (Ducke 1932). — *Recordoxylon amazonicum* (Ducke) Ducke, *Trop. Woods* 39: 17 (Ducke 1934).

VERNACULAR NAMES. — Nt: bunahati tyabisi, buunaati tyabisi • Cr: wakapu-guitin • Fr: wacapou guitin • Br: barúna.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *G. Wachenheim* 99 (holo-, P[P01818107]; iso-, P[P01818108, P01818109]).

INVENTORY DATA (FG). — 290 trees in 57 plots;  $F_{\max} = 1.9\%$ ;  $\text{dbh}_{\text{inv}} = 71.8$  cm.

### Genus *Senegalia* Raf.

[932] *Senegalia polyphylla* (DC.) Britton & Rose ex Britton & Killip (Fig. 32B)

*Ann. New York Acad. Sci.* 35: 142 [1 Apr. 1936] (Britton & Killip 1936). — *Acacia polyphylla* DC., *Cat. Pl. Horti Monsp.*: 74 (Candolle

1813). — *Mimosa polyphylla* (DC.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 5: 530 [1 Nov. 1817] (Poiret 1817).

*Acacia riparia* Bertero ex Spreng., *Syst. Veg. [Sprengel]* 3: 142 [Jan.-Mar. 1826] (Sprengel 1826), *nom. illeg. hom., non* Kunth (1824).

*Leucaena boliviana* Rusby, *Bull. New York Bot. Gard.* 8 (28): 91 [23 Nov. 1912] (Rusby 1912).

*Senegalia lobana* Britton & Killip, *Ann. New York Acad. Sci.* 35: 142 [1 Apr. 1936] (Britton & Killip 1936).

*Acacia glomerosa* Benth., *London J. Bot.* 1: 521 (Bentham 1842). — *Senegalia glomerosa* (Benth.) Britton & Rose, *N. Amer. Fl.* 23 (2): 116 [25 Sep. 1928] (Britton & Rose 1928).

*Senegalia langlassei* Britton & Rose, *N. Amer. Fl.* 23 (2): 116 [25 Sep. 1928] (Britton & Rose 1928). — *Acacia langlassei* (Britton & Rose) Bullock, *Bull. Misc. Inform. Kew* 1939 (1): 2 [15 Feb. 1939] (Bullock 1939).

*Senegalia tomentella* Britton & Killip, *Ann. New York Acad. Sci.* 35: 145 [1 Apr. 1936] (Britton & Killip 1936).

VERNACULAR NAMES. — Br: juqueiri-guaçu, paricá-branco, paricarana-de-espinho.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al.* 6009.

INVENTORY DATA (FG). — 5 trees in 1 plot;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 58.6$  cm.

### Genus *Senna* Mill.

[933] *Senna multijuga* (Rich.) H.S.Irwin & Barneby

*Mem. New York Bot. Gard.* 35: 492 (Irwin & Barneby 1982). — *Cassia multijuga* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792). — *Peirania multijuga* (Rich.) Britton & P.Wilson, *Sci. Surv. Porto Rico & Virgin Islands* 6: 350 (Britton & Wilson 1926). — *Chamaesenna multijuga* (Rich.) Pittier, *Third Conf. Interamer. Agric. Caracas*: 376 (Pittier 1945).

*Cassia calliantha* G.Mey., *Prim. Fl. Esseq.* 169 [Nov. 1818] (Meyer 1818).

*Cassia richardiana* Kunth, *Mimos.*: 139 (Kunth 1823).

*Cassia fulgens* Wall. ex Vogel, *Gen. Cass. Syn.*: 44 (Vogel 1837).

*Cassia ampliflora* Steud., *Flora* 26 (45): 760 [17 Dec. 1843] (Steudel 1843).

*Peirania aristulata* Britton & Killip, *Ann. New York Acad. Sci.* 35: 182 [1 Apr. 1936] (Britton & Killip 1936).

VERNACULAR NAMES. — Pa: datka-arivra, karegut-seine • Ka: malimali, palalapo • Wp: malimali sî • Wn: ididiju, kotkotoloju • Nt: kabanafoo, sabana foo • Br: acácia, amarelinha.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Leblond* 168 (holo-, P[P00798376]; iso-, G[G00341799], F[V0057614F], P[P00296957, P00798377]).

SIZE. — Up to 25 m tall (Barneby & Heald 2002).

[934] *Senna reticulata* (Willd.) H.S.Irwin & Barneby

*Mem. New York Bot. Gard.* 35: 458 (Irwin & Barneby 1982). — *Cassia reticulata* Willd., *Enum. Pl. [Willdenow]*: 443 [Apr. 1809] (Willdenow 1809). — *Chamaesenna reticulata* (Willd.) Pittier, *Trab. Mus. Comercial Venezuela* 3: 160 (Pittier 1928).

*Cassia strobilacea* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 347 [12 July 1824] (Kunth 1824).

*Cassia tarantan* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 348 [12 July 1824] (Kunth 1824).

*Cassia dumetorum* Bertero ex DC., *Prodr. [A. P. de Candolle]* 2: 499 [mid Nov. 1825] (Candolle 1825).

*Cassia annunciata* E.H.L.Krause, *Beih. Bot. Centralbl.* 32 (2): 345 (Krause 1914).

VERNACULAR NAMES. — Pa: wahamuivie • Ka: anapapali • Wp: pole • Wn: hawahawaju • Cr: bwa-dat • Br: mata-pasto-grande.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3602*.

SIZE. — Colombia. *A. Prieto 173* (MO), 8 m × 15 cm.

### Genus *Spirotropis* Tul.

[935] *Spirotropis longifolia* (DC.) Baill.  
(Fig. 32C)

*Hist. Pl. [Baillon]* 2: 364 [Feb.-May 1870] (Baillon 1870). — *Swartzia longifolia* DC., *Prodr. [A. P. de Candolle]* 2: 423 [mid Nov. 1825] (Candolle 1825). — *Spirotropis candollei* Tul., *Arch. Mus. Hist. Nat.* 4: 113 (Tulasne 1844), *nom. illeg. superfl.* (based on *Spirotropis longifolia*). — *Tounatea longifolia* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 211 [5 Nov. 1891] (Kuntze 1891), “*Tunatea*”.

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *M.-F. Prévost 1619*.

INVENTORY DATA (FG). — 1686 trees in 7 plots;  $F_{\max} = 65\%$ ;  $dbh_{\text{inv}} = 65$  cm.

### Genus *Stryphnodendron* Mart.

[936] *Stryphnodendron guianense* (Aubl.) Benth.  
(Fig. 32D)

*Trans. Linn. Soc. London* 30 (3): 374 [10 Apr. 1875] (Bentham 1875). — *Mimosa guianensis* Aubl., *Hist. Pl. Guiane* 2: 938 [Jun.-Dec. 1775] (Aubl. 1775). — *Acacia guianensis* (Aubl.) Willd., *Sp. Pl.*, ed. 4 4 (2): 1061 [Apr. 1806] (Willdenow 1806). — *Folianthera guianensis* (Aubl.) Raf., *Sylva Tellur.*: 120 (Rafinesque 1838). — *Piptadenia guianensis* (Aubl.) Benth., *J. Bot. [Hooker]* 4: 335 (Bentham 1842).

*Stryphnodendron purpureum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 16 (Ducke 1915).

VERNACULAR NAMES. — Pa: iduk-veiti, yuumwi • Br: faveira-camuzé.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM001135589]).

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 62.4$  cm.

[937] *Stryphnodendron moricolor* Barneby & J.W.Grimes

*Brittonia* 36 (1): 45 (Barneby & Grimes 1984).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Nt: nyon udu.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15236* (holo-, P[P00077203]; iso-, MO[MO-713028], NY[00003370], P[P00710285]).

INVENTORY DATA (FG). — 27 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 79.2$  cm.

[938] *Stryphnodendron polystachyum* (Miq.) Kleinhoonte

*Recueil Trav. Bot. Néerl.* 22: 416 [“1925” publ. Jan. 1926] (Kleinhoonte 1926). — *Piptadenia polystachya* Miq., *Linnaea* 18: 590 [“1844” publ. prob. Aug. 1845] (Miquel 1845).

VERNACULAR NAMES. — Ka: tipulu sepeipyo • Wp: tatu’i • Nt: nyon udu • Br: taxirana-branca.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3758*.

INVENTORY DATA (FG). — 31 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 87.2$  cm.

[939] *Stryphnodendron pulcherrimum* (Willd.) Hochr.

*Bull. New York Bot. Gard.* 6 (21): 274 [27 Sep. 1910] (Hochreutiner 1910). — *Acacia pulcherrima* Willd., *Sp. Pl.*, ed. 4 4 (2): 1061 [Apr. 1806] (Willdenow 1806). — *Mimosa pulcherrima* (Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 66 [3 Sep. 1810] (Poir. 1810).

*Stryphnodendron floribundum* Benth., *J. Bot. [Hooker]* 4: 343 (Bentham 1842). — *Stryphnodendron guianense* f. *floribundum* (Benth.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 250 (Ducke 1925).

*Stryphnodendron angustum* Benth., *Trans. Linn. Soc. London* 30 (3): 375 [10 Apr. 1875] (Bentham 1875).

*Stryphnodendron melinonii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 13: 322 (Sagot 1882), “*Melinonis*”.

*Piptadenia cobi* Rizzini & A.Mattos, *Anais Acad. Brasil. Ci.* 40: 233 (Rizzini & Mattos 1968).

NOTE. — The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

VERNACULAR NAMES. — Ka: apakanilan, eleyululan • Br: timbaúba.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (type of *Stryphnodendron melinonii*: P[P00199447, P00199448]).

INVENTORY DATA (FG). — 10 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.2$  cm.

[940] *Stryphnodendron* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier 2302*, “Grand arbre de canopée”.

Genus *Swartzia* Schreb.[941] *Swartzia amshoffiana* R.S.Cowan

*Fl. Neotrop. Monogr.* 1: 159 [10 May 1968] (Cowan 1968).

*Swartzia apetala* Raddi var. *acuminata* Amshoff, *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 52: 34 (Amshoff 1939).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *F. Hallé 626*.

INVENTORY DATA (FG). — 27 trees in 9 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 32.3$  cm.

[942] *Swartzia aptera* DC.

*Prodr. [A. P. de Candolle]* 2: 423 [mid Nov. 1825] (Candolle 1825). — *Toumatea aptera* (DC.) Taub., *Bot. Centralbl.* 47: 390 [31 Sept 1891] (Taubert 1891), “*Tunatea*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wap-kamwi-priyu • Wp: kumalaki.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000952072], F[V0059859F], FI[FI004911], LE[LE00013722], P[P01818008, P01818009, P01818010], R[R000069375], US[00037067]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 12.3$  cm.

[943] *Swartzia arborescens* (Aubl.) Pittier

*J. Wash. Acad. Sci.* 11: 157 (Pittier 1921). — *Possira arborescens* Aubl., *Hist. Pl. Guiane* 2: 934 [Jun.-Dec. 1775] (Aublet 1775). — *Possira triphylla* Sw., *Prodr. [Swartz]*: 82 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Possira arborescens*). — *Swartzia triphylla* Willd., *Sp. Pl.*, ed. 4 2 (2): 1220 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on both *Possira arborescens* and *P. triphylla*, the latter being itself illegitimate, because also based on *P. arborescens*). — *Toumatea arborescens* (Aubl.) Britton, *Bull. Torrey Bot. Club* 16 (12): 325 [10 Dec. 1889] (Britton 1889).

*Rittera dodecandra* Vahl, *Symb. Bot. [Vahl]* 2: 60 [Jul.-Dec. 1791] (Vahl 1791). — *Swartzia dodecandra* (Vahl) Willd., *Sp. Pl.*, ed. 4 2 (2): 1220 [Dec. 1799] (Willdenow 1799). — *Possira dodecandra* (Vahl) Poir., *Encycl. [J. Lamarck et al.]* 5: 571 [9 Jan. 1804] (Poiret 1804). — *Toumatea dodecandra* (Vahl) Taub., *Bot. Centralbl.* 47: 391 [31 Sept 1891] (Taubert 1891), “*Tunatea*”.

*Swartzia parviflora* DC., *Prodr. [A. P. de Candolle]* 2: 423 [mid Nov. 1825] (Candolle 1825).

*Rittera triphylla* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 460 (Steudel 1841), *nom. nud. pro syn.*

*Swartzia bifida* Steud., *Flora* 26 (45): 757 [17 Dec. 1843] (Steudel 1843).

*Swartzia variflora* Hoehne, *Comm. Lin. Telegr., Bot.* 74 (12): 16 [Jul.-Aug. 1922] (Hoehne 1922).

NOTE. — The mention by Steudel (1841: 460) of “*Rittera triphylla* Sw.” was a mistake. He actually referred to *Possira triphylla* Sw.

VERNACULAR NAMES. — Pa: paig-seine, pairi-seine, timuvuyen-kamwi • Ka: apukuitalan, tipulu apukuityalan • Wp: wináme’i, wináme’i piyũ • Nt: adugwe, makwelebo • Cr: moutouchi-nwé • Fr: moutouchi noir • Br: jenipapinho, pacapuá.

HERBARIUM DATA (FG). — 70 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952073]).

INVENTORY DATA (FG). — 82 trees in 66 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.4$  cm.

[944] *Swartzia bannia* Sandwith

*Contr. Gray Herb.* 165: 28 (Sandwith 1947).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: aliyana’i, talala, ulana beta.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *B. Torke & S. Gonzalez 191*.

INVENTORY DATA (FG). — 30 trees in 4 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 77.2$  cm.

[945] *Swartzia benthamiana* Miq.

*Stirp. Surinam. Select.*: 15 [“1850” publ. Mar. 1851] (Miquel 1851). — *Toumatea benthamiana* (Miq.) Taub., *Bot. Centralbl.* 47: 390 [31 Sept 1891] (Taubert 1891), “*Tunatea*”.

*Swartzia rosea* Mart. ex Benth., *Fl. Bras. [Martius]* 15 (2): 32 [1 Dec. 1870] (Bentham 1870). — *Toumatea rosea* (Mart. ex Benth.) Taub., *Bot. Centralbl.* 47: 392 [31 Sept 1891] (Taubert 1891), “*Tunatea*”.

VERNACULAR NAMES. — Ka: aliyana’i, ulana beta • Wn: alalawaju • Nt: mutusi • Cr: moutouchi-montangn.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *Service Forestier 7075*.

INVENTORY DATA (FG). — 9 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[946] *Swartzia canescens* Torke

*Bot. J. Linn. Soc.* 153 (3): 344 [15 Mar. 2007] (Torke 2007).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: mutusi piyũ, wináme’i, wináme’i sũ • Nt: adugwe, makwelebo • Cr: moutouchi-nwé • Fr: moutouchi noir.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *R.A.A. Oldeman & C. Sastre 167* (holo-, CAY[CAY009778]; iso-, A[A00299105], COL[COL000059884], NY[00990840], P[P01818030, P01818031], U[U0193371], US[00423115], VEN[VEN103660]).

INVENTORY DATA (FG). — 151 trees in 69 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 84.2$  cm.



FIG. 32. — Leguminosae: **A**, *Recordoxylon speciosum* (Benoist) Gazel ex Barneby (D. Sabatier & C. Geniez 6283); **B**, *Senegalia polyphylla* (DC.) Britton & Killip (D. Sabatier *et al.* 6009); **C**, *Spirotropis longifolia* (DC.) Baill.; **D**, *Stryphnodendron guianense* (Aubl.) Benth.; **E**, *Zygia sabatieri* Barneby & J.W.Grimes (D. Sabatier & M.-F. Prévost 4356); **F**, *Tachigali paniculata* Aubl. (J.-F. Molino & D. Sabatier 2246). A-D, © D. Sabatier/IRD; E, © M.-F. Prévost/IRD; F, © J.-F. Molino/IRD.

[947] *Swartzia grandifolia* Bong. ex Benth.

*J. Bot. [Hooker]* 2: 85 (Bentham 1840). — *Tounatea grandifolia* (Bong. ex Benth.) Taub., *Bot. Centralbl.* 47: 391 [31 Sept 1891] (Taubert 1891), “*Tunatea*”.

VERNACULAR NAMES. — Ka: aliyana’i, ulana beta • Cr: moutouchi-montangn.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: D. Sabatier 839.

INVENTORY DATA (FG). — 71 trees in 54 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.2$  cm.

[948] *Swartzia guianensis* (Aubl.) Urb.

*Symb. Antill. [Urban]* 5 (3): 365 [20 May 1908] (Urban 1908). — *Tounatea guianensis* Aubl., *Hist. Pl. Guiane* 1: 549 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Swartzia alata* Willd., *Sp. Pl.*, ed. 4 2 (2): 1220 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Tounatea guianensis*).

*Swartzia leblondii* R.S.Cowan, *Fl. Neotrop. Monogr.* 1: 145 [10 May 1968] (Cowan 1968).

NOTES. — Known only from the Guiana Shield. *Swartzia leblondii* is placed in synonymy here according to B. Torke (pers. comm. 2013).

VERNACULAR NAMES. — Ka: asemunusi, malay elepali • Nt: adugwe, makwelebo • Fr: moutouchi noir.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000952077]).

INVENTORY DATA (FG). — 216 trees in 94 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 26.9$  cm.

[949] *Swartzia hostmannii* Benth.

*Fl. Bras. [Martius] 15 (2): 18 [1 Dec. 1870] (Bentham 1870), "hostmannii". — Tounatea hostmannii (Benth.) Taub., Bot. Centralbl. 47: 391 [31 Sept 1891] (Taubert 1891), "Tunatea Hostmannii".*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: sopus uwii, sopus wiwii.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *C. Sastre & D.A. Bell 8125*.

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[950] *Swartzia longicarpa* Amshoff

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht 52: 38 (Amshoff 1939).*

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville B-4563*.

SIZE. — Up to 19 cm dbh (Cowan 1968).

[951] *Swartzia oblanceolata* Sandwith

*Bull. Misc. Inform. Kew 1934 (9): 363 [17 Dec. 1934] (Sandwith 1934).*

VERNACULAR NAMES. — Wp: mēwā • Br: pau-de-sangue.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *M.-F. Prévost 3207*.

INVENTORY DATA (FG). — 31 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[952] *Swartzia panacoco* (Aubl.) R.S.Cowan var. *panacoco*

*Fl. Neotrop. Monogr. 1: 38 [10 May 1968] (Cowan 1968). — Robinia panacoco Aubl., Hist. Pl. Guiane 2: 768 [Jun.-Dec. 1775] (Aublet 1775). — Robinia tomentosa Willd., Sp. Pl., ed. 4 3 (2): 1134 [1-10 Nov. 1802] (Willdenow 1802), nom. illeg. superfl. (based on Robinia panacoco). — Swartzia tomentosa DC., Prodr. [A. P. de Candolle] 2: 423 [mid Nov. 1825] (Candolle 1825), nom. illeg. superfl. (based on Robinia panacoco and R. tomentosa, the latter also illegitimate). — Tounatea panacoco (Aubl.) Kuntze, Revis. Gen. Pl. 1: 211 [5 Nov. 1891] (Kuntze 1891), "Tunatea Panacoco".*

*Swartzia similis* Benoist, *Bull. Mus. Natl. Hist. Nat. 25: 297 (Benoist 1919).*

VERNACULAR NAMES. — Pa: wanaku-danó, wanaku-divyo • Ka: alyana'i, anakoko, panakoko, ulana beta • Te: tatu tunu • Wp: paa letowape • Wn: onohkowe, wapotoimë • Nt: bwasiman weko, kaka a buuku, kokobe weko • Cr: panakoko • Fr: féréal, panacoco • Br: coração-de-negro, moçataiba, paracutaca.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM000931982, BM000931983] designated by Cowan [1968: 38]; isolecto-, P[P02272924]).

INVENTORY DATA (FG). — 175 trees in 109 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 63.7$  cm.

[953] *Swartzia panacoco* var. *sagotii* (Sandwith) R.S.Cowan

*Fl. Neotrop. Monogr. 1: 34 [10 May 1968] (Cowan 1968). — Swartzia tomentosa var. sagotii Sandwith, Bull. Misc. Inform. Kew 1934 (9): 357 [17 Dec. 1934] (Sandwith 1934), "Sagotii".*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: paa letowape.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *D. Sabatier 824*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.4$  cm.

[954] *Swartzia peruviana* (R.S.Cowan) Torke

*Novon 17 (1): 115 [23 Apr. 2007] (Torke 2007). — Swartzia brachyrachis Harms var. peruviana R.S.Cowan, Fl. Neotrop. Monogr. 1: 194 [10 May 1968] (Cowan 1968).*

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2287*.

INVENTORY DATA (FG). — 13 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 83.7$  cm.

[955] *Swartzia polyphylla* DC.

*Prodr. [A. P. de Candolle] 2: 424 [mid Nov. 1825] (Candolle 1825). — Tounatea polyphylla (DC.) Taub., Bot. Centralbl. 47: 392 [31 Sept 1891] (Taubert 1891), "Tunatea".*

*Swartzia acuminata* Willd. ex Vogel, *Linnaea 11: 173 (Vogel 1837). — Tounatea acuminata (Willd. ex Vogel) Taub., Bot. Centralbl. 47: 390 [31 Sept 1891] (Taubert 1891), "Tunatea".*

*Swartzia acuminata* var. *platygyne* Benth., *Fl. Bras. [Martius] 15 (2): 37 [1 Dec. 1870] (Bentham 1870). — Swartzia platygyne (Benth.) Ducke, Arch. Jard. Bot. Rio de Janeiro 3: 127 (Ducke 1922).*

*Tounatea acuminata* var. *puberula* Taub., *Flora 75 [n.s. 50]: 81 (Taubert 1892). — Swartzia acuminata* var. *puberula* (Taub.) Glaz., *Bull. Soc. Bot. France 53 (Mém. 3b): 155 (Glaziou 1906).*

*Swartzia acuminata* var. *tridynamia* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr. 2: 506 (Huber 1898).*



*Swartzia opacifolia* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.1): 226 (Macbride 1943).

*Swartzia urubuensis* Ducke, *Bol. T ecn. Inst. Agron. N. 2*: 21 (Ducke 1944).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: isuu- a, isuu- ara • Ka: palakusiniyan, palakusiniyen, tipulu apukuityalan • Wp: kupemi • Wn: sihk epani • Nt: bugu bugu, musansi • Cr: bwa-krobo, bwa-pagay • Fr: bois corbeau, bois pagaie • Br: arab a, paracutaca-da-terra-firme, pau-de-remo, pitaica.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material not traced); *P.A. Sagot 1199* (K[K000500935, K000500936, K000500937], MPU[MPU013120]).

INVENTORY DATA (FG). — 332 trees in 144 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 172.8$  cm.

[956] *Swartzia sericea* Vogel

*Linnaea* 11: 176 (Vogel 1837). — *Tounatea sericea* (Vogel) Kuntze, *Revis. Gen. Pl.* 1: 211 [5 Nov. 1891] (Kuntze 1891), “*Tunatea*”.

*Swartzia erythrocarpa* Spruce ex Benth., *Fl. Bras. [Martius]* 15 (2): 28 [1 Dec. 1870] (Bentham 1870), *nom. nud. pro syn.*

VERNACULAR NAMES. — Wp: monokoe u, onokoe u, teposi kili.

HERBARIUM DATA (FG). — A single collection, *J. Martin s.n.* “*in Herb. Kth.*” (original material, not traced).

SIZE. — Up to 15 m tall (Cowan 1968).

Genus *Tachigali* Aubl.

[957] *Tachigali amplifolia* (Ducke) Barneby

*Brittonia* 48 (2): 182 (Barneby 1996). — *Sclerobium amplifolium* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 43 [Sep. 1935] (Ducke 1935).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier 1546*.

INVENTORY DATA (FG). — 30 trees in 10 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 80.9$  cm.

[958] *Tachigali glauca* Tul.

*Arch. Mus. Hist. Nat.* 4: 165 (Tulasne 1844).

*Sclerobium myrmecophilum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 30 (Ducke 1915). — *Tachigali myrmecophila* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 91 (Ducke 1922), “*Tachigalia*”.

VERNACULAR NAMES. — Wn: jenejapo • Br: taxi-preto.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *F.M.R. Leprieur 336* (holo-, P[P00571997]; iso-, P[P00572002, P00577072, P00577073]); *D. Sabatier & J.-F. Molino 5653*, 40 m × 80 cm.

[959] *Tachigali guianensis* (Benth.) Zarucchi & Herend.

*Monogr. Syst. Bot. Missouri Bot. Gard.* 45: 1254 [1 Oct. 1993] (Zarucchi & Herendeen 1993). — *Sclerobium guianense* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 237 (Bentham 1850).

*Sclerobium radlkoferi* Rusby, *Mem. Torrey Bot. Club* 6 (1): 26 (Rusby 1896). — *Sclerobium guianense* var. *radlkoferi* (Rusby) Dwyer, *Lloydia* 20 (2): 98 (Dwyer 1957).

*Sclerobium subbullatum* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 42 [Sep. 1935] (Ducke 1935). — *Tachigali subbullata* (Ducke) L.F.Gomes da Silva & H.C.Lima, *Rodrigu esia* 58 (2): 400 (Gomes & Lima 2007), “*subullata*”.

*Sclerobium uleanum* Harms, *Verh. Bot. Vereins Prov. Brandenburg* 48: 168 [“1906” publ. 8 Mar. 1907] (Harms 1907). — *Sclerobium tinctorium* Benth. var. *uleanum* (Harms) Dwyer, *Lloydia* 20 (2): 95 (Dwyer 1957). — *Tachigali uleana* (Harms) Zarucchi & Herend., *Monogr. Syst. Bot. Missouri Bot. Gard.* 45: 1254 [1 Oct. 1993] (Zarucchi & Herendeen 1993).

VERNACULAR NAMES. — Ka: alaulama, alawata muleli, wa:u • Wp: tulili wala, yapakani'i • Cr: s ed-r emi, tachi.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *Service Forestier 6096*.

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 64$  cm.

[960] *Tachigali melanocarpa* (Ducke) van der Werff

*Ann. Missouri Bot. Gard.* 95 (4): 649 [30 Dec. 2008] (van der Werff 2008). — *Sclerobium melanocarpum* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 43 [Sep. 1935] (Ducke 1935).

VERNACULAR NAMES. — Pa: miumiu-asiru, miumiu-wa iunu • Wp: tulili • Br: taxi-branco-da-terra-firme.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5556*.

INVENTORY DATA (FG). — 50 trees in 35 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 104.5$  cm.

[961] *Tachigali melinonii* (Harms) Zarucchi & Herend.

*Monogr. Syst. Bot. Missouri Bot. Gard.* 45: 1254 [1 Oct. 1993] (Zarucchi & Herendeen 1993). — *Sclerobium melinonii* Harms, *Bot. Jahrb. Syst.* 33 (2, Beibl. 72): 24 [13 Mar. 1903] (Harms 1903).

NOTES. — Possible duplicates of the type collection at A and GH are referenced as “*M elimon 18*”. However, “18” is not a collection number, but the beginning of the collecting year, printed in advance on some 18th century labels at P. The last two digits should have been added by hand, but on some sheets they were not. The date 1863 appears on other possible duplicates at P.

VERNACULAR NAMES. — Pa: arey-avain, arey-avayni • Ka: alibagoli, apakanilan, eleyululan, tipulu alaulama • Te: tatsi in an • Wp: tulili wala, yapakani'i • Nt: dyagidyda • Cr: s ed-r emi, tachi • Br: taxi.

HERBARIUM DATA (FG). — 58 collections at CAY. Sel. exs.: *E.M. M elimon s.n.* (holo-, B[not seen, photo F neg. N o 1805]; iso-, A[A00375130], F[V0057928F], G[G00367876], GH[GH00375131], K[K000264421, K000555829], S[S-R-9137], US[00002719, 00411736]).

INVENTORY DATA (FG). — 277 trees in 103 plots;  $F_{\max} = 9.7\%$ ;  $dbh_{\text{inv}} = 86.3$  cm.

[962] *Tachigali micropetala* (Ducke) Zarucchi & Pipoly

*Sida* 16: 787 (Zarucchi & Pipoly 1995). — *Sclerobium micropetalum* Ducke, *Bol. Tècn. Inst. Agron. N. 2*: 20 (Ducke 1944).

VERNACULAR NAMES. — Ka: tasi epi, topuwunu.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost 1684*, dbh 30 cm.

ka'a wewe • Nt: matawai gedu • Cr: tachi • Fr: bois fourmi, tachi • Br: passuaré, taxi-branco, taxi-da-terra-firme, taxirana.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *R. Benoist 1074* (original material of *Sclerobium albiflorum*: P[P00578029, P00578030, P00578031]).

INVENTORY DATA (FG). — 139 trees in 68 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 105.8$  cm.

[963] *Tachigali paniculata* Aubl.  
(Fig. 32F)

*Hist. Pl. Guiane* 1: 372 [Jun.-Dec. 1775] (Aublet 1775). — *Cubaea paniculata* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 671 [late Sep.-Nov. 1791] (Gmelin 1791).

*Tachigali trigona* Aubl., *Hist. Pl. Guiane* 1: 374 [Jun.-Dec. 1775] (Aublet 1775). — *Cubaea trigona* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 671 [late Sep.-Nov. 1791] (Gmelin 1791).

*Tachigali sericea* Tul., *Arch. Mus. Hist. Nat.* 4: 163 (Tulasne 1844).

*Tachigali eriocalyx* Tul., *Arch. Mus. Hist. Nat.* 4: 164 (Tulasne 1844).

*Tachigali angustifolia* Miq., *Stirp. Surinam. Select.*: 13 [“1850” publ. Mar. 1851] (Miquel 1851). — *Tachigali paniculata* var. *angustifolia* (Miq.) Dwyer, *Ann. Missouri Bot. Gard.* 41: 239 (Dwyer 1954), “*Tachigalia*”.

*Tachigali rusbyi* Harms, *Bot. Jahrb. Syst.* 33 (2, Beibl. 72): 20 [13 Mar. 1903] (Harms 1903).

*Tachigali grandiflora* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 388 (Huber 1909), “*Tachigalia*”.

*Tachigali ulei* Harms, *Notizbl. Königl. Bot. Gart. Berlin* 6: 306 [30 June 1915] (Harms 1915).

*Tachigali paniculata* var. *comosa* Dwyer, *Ann. Missouri Bot. Gard.* 41: 240 (Dwyer 1954).

*Tachigali pulchra* Dwyer, *Ann. Missouri Bot. Gard.* 41: 249 (Dwyer 1954).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: arey-avain, arey-avayni • Te: tatsi • Wp: tasi, tasi piyü, tasi sî • Wn: alapali, pija upo • Nt: mene • Cr: bwa-fronmi, tachi, tasi • Fr: bois fourmi, tachi • Br: taxi, taxi-preto.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000885813, G[G00367853]).

INVENTORY DATA (FG). — 144 trees in 60 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 66.9$  cm.

[964] *Tachigali paraensis* (Huber) Barneby

*Brittonia* 48: 182 (Barneby 1996). — *Sclerobium paraense* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 79 (Huber 1910), “*paraense*”.

*Sclerobium albiflorum* Benoist, *Bull. Soc. Bot. France* 66 (8): 383 [“1919” publ. 1920] (Benoist 1920). — *Tachigali albiflora* (Benoist) Zarucchi & Herend., *Fl. Venez. Guayana* 4: 115 (Zarucchi & Herendeen 1998).

VERNACULAR NAMES. — Pa: arey-avain, arey-avayni, miumiu-asiru • Ka: kumetilan, tamunen alaulama, tulili • Te: talidi, tatsi • Wp:

[965] *Tachigali richardiana* Tul.

*Arch. Mus. Hist. Nat.* 4: 166 (Tulasne 1844).

*Tassia ovata* Rich. ex Tul., *Arch. Mus. Hist. Nat.* 4: 167 (Tulasne 1844), *nom. nud. pro syn.*

*Tachigali sulcata* Benoist, *Bull. Mus. Natl. Hist. Nat.* 31: 469 (Benoist 1925).

*Tachigali bracteolata* Dwyer, *Ann. Missouri Bot. Gard.* 41: 233 (Dwyer 1954), “*Tachigalia*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: arey-avain, arey-avayni • Nt: gangi udu • Cr: tachi • Fr: bois fourmi, tachi • Br: taxi-pitomba-preta.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (type P[P00835780]).

INVENTORY DATA (FG). — 152 trees in 56 plots;  $F_{\max} = 3.7\%$ ;  $dbh_{\text{inv}} = 101.5$  cm.

[966] *Tachigali* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost 2842*.

INVENTORY DATA (FG). — 12 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 85$  cm.

Genus *Taralea* Aubl.[967] *Taralea oppositifolia* Aubl.

*Hist. Pl. Guiane* 2: 745 [Jun.-Dec. 1775] (Aublet 1775), “*Oppositifolia*” on plate. — *Dipteryx oppositifolia* (Aubl.) Forsyth f., *Bot. Nomencl.*: 391 (Forsyth 1794). — *Coumarouna oppositifolia* (Aubl.) Taub., *Bot. Centralbl.* 47: 389 [31 Sept 1891] (Taubert 1891), “*Cumaruna*”.

*Swartzia coriacea* Desv., *Ann. Sci. Nat. (Paris)* 9: 424 (Desvaux 1826). — *Coumarouna coriacea* (Desv.) Taub., *Bot. Centralbl.* 47: 389 [31 Sept 1891] (Taubert 1891).

*Dipteryx nudipes* Tul., *Arch. Mus. Hist. Nat.* 4: 100 (Tulasne 1844). — *Coumarouna nudipes* (Tul.) Kuntze, *Revis. Gen. Pl.* 1: 177 [5 Nov. 1891] (Kuntze 1891), “*Cumaruna*”. — *Taralea nudipes* (Tul.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 142 (Ducke 1922).

*Dipteryx applanata* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 234 (Bentham 1850).

*Dipteryx oppositifolia* var. *parviflora* Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 126 [Mar. 1860] (Bentham 1860). — *Taralea oppositifolia* var. *parviflora* (Benth.) Dugand, *Caldasia* 5 (21): 73 (Dugand 1948).

*Dipteryx parviflora* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 126 [Mar. 1860] (Bentham 1860), *nom. nud. pro syn.*

*Coumarouna speciosa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 162 (Ducke 1922). — *Dipteryx speciosa* (Ducke) Ducke, *Trop. Woods* 61: 10 (Ducke 1940).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: á-awainó, waikwimna • Te: a'i pane • Wp: pala'i wátá • Nt: neko udu • Cr: gayak-rivié • Br: acapurana, cumarurana.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000931956], NY[00033784]); *D. Sabatier & M.-F. Prévost 3394*, dbh 60 cm.

[968] *Taralea* sp. A

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4962*.

INVENTORY DATA (FG). — 155 trees in 33 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 78.6$  cm.

Genus *Vatairea* Aubl.

[969] *Vatairea erythrocarpa* (Ducke) Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 139, 192 (Ducke 1930). — *Tipuana erythrocarpa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 152 (Ducke 1922).

VERNACULAR NAMES. — Pa: wanetun • Wp: tayau'i • Nt: nkasa tyabisi • Br: faveira.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3766*.

INVENTORY DATA (FG). — 29 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 97.1$  cm.

[970] *Vatairea guianensis* Aubl.

*Hist. Pl. Guiane* 2: 755 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Andira amazonum* Mart. ex Benth., *Commentat. Legum. Gen.* 43 [June 1837] (Bentham 1837). — *Vouacapoua amazonum* (Mart. ex Benth.) Kuntze, *Revis. Gen. Pl.* 1: 212 [5 Nov. 1891] (Kuntze 1891), “*Vuacapua*”.

*Andira bracteosa* Benth., *Commentat. Legum. Gen.* 43 [June 1837] (Bentham 1837).

*Ormosia pacimonensis* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 4 (Suppl.): 119 [Mar. 1860] (Bentham 1860), *nom. nud. pro syn.*

*Vatairea surinamensis* Kleinhoonte, *Recueil Trav. Bot. Néerl.* 22: 403 [“1925” publ. Jan. 1926] (Kleinhoonte 1926).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wagu, waru • Wn: etekele • Cr: bwa-dat • Br: faveira-de-bolacha, faveira-de-empingem.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000931917])

INVENTORY DATA (FG). — 1 tree, dbh = 11.8 cm.

[971] *Vatairea paraensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 140 (Ducke 1930).

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2763*.

INVENTORY DATA (FG). — 55 trees in 45 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 129$  cm.

Genus *Vataireopsis* Ducke

[972] *Vataireopsis surinamensis* H.C.Lima

*Rodriguésia* 32 (54): 30 (Lima 1980), “*surinemensis*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: wagu-kamwi, waru-kamwi • Ka: eleyulu, malipa wewe • Wp: wila paye • Nt: nkasa, yongo • Cr: dyango, yango • Br: fava-amargosa.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1672*.

INVENTORY DATA (FG). — 38 trees in 31 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 115$  cm.

Genus *Vouacapoua* Aubl.

[973] *Vouacapoua americana* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 9 [Jun.-Dec. 1775] (Aublet 1775). — *Andira aubletii* Benth., *Commentat. Legum. Gen.*: 44 [June 1837] (Bentham 1837), *nom. illeg. superfl.* (based on *Vouacapoua americana*). — *Vouacapoua aubletii* A.Lyons, *Pl. Nam.*: 396 (Lyons 1900), *nom. illeg. superfl.* (based on *Vouacapoua americana*).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wakup, wakup-priye, wakup-seine • Ka: wkapu • Te: akapu • Wp: wkapu • Wn: wakup • Nt: bunahati, buunaati • Cr: wkapou • Fr: wacapou • Br: acapú.

HERBARIUM DATA (FG). — 98 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000603704]).

INVENTORY DATA (FG). — 1187 trees in 139 plots;  $F_{\max} = 8\%$ ;  $dbh_{\text{inv}} = 130$  cm.

Genus *Zollernia* Wied-Neuw. & Nees

[974] *Zollernia surinamensis* Mansano

A.M.G.Azevedo & G.P.Lewis, *Kew Bull.* 59 (4): 516 [“2004” publ. Mar. 2005] (Mansano *et al.* 2005).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *Service Forestier 7603* (U).

SIZE. — Up to 15 m tall (Mansano *et al.* 2004).

### Genus *Zygia* P.Browne

#### [975] *Zygia cataractae* (Kunth) L.Rico

*Kew Bull.* 46 (3): 496 [27 Sep. 1991] (Rico 1991). — *Inga cataractae* Kunth, *Nova genera et species plantarum* [H.B.K.] 6: 297 [Apr. 1824] (Kunth 1824). — *Pithecolobium cataractae* (Kunth) Benth., *London J. Bot.* 3: 213 (Bentham 1844), “*Pithecolobium*”. — *Feuilleea cataractae* (Kunth) Kuntze, *Revis. Gen. Pl.* 1: 185 [5 Nov. 1891] (Kuntze 1891).

*Inga glomerata* DC., *Prodr.* [A. P. de Candolle] 2: 438 [mid Nov. 1825] (Candolle 1825). — *Pithecolobium glomeratum* (DC.) Benth., *London J. Bot.* 3: 213 (Bentham 1844), “*Pithecolobium*”. — *Zygia glomerata* (DC.) Pittier, *Arb. Arbust. Venez.* 6-8: 80? [Aug.-Sep. 1927] (Pittier 1927).

*Pithecolobium divaricatum* Benth., *London J. Bot.* 3: 213 (Bentham 1844), “*Pithecolobium*”. — *Feuilleea divaricata* (Benth.) Kuntze, *Revis. Gen. Pl.* 1: 187 [5 Nov. 1891] (Kuntze 1891). — *Zygia divaricata* (Benth.) Pittier, *Arb. Arbust. Venez.* 6-8: 79 [Aug.-Sep. 1927] (Pittier 1927).

*Inga ramiflora* G.Don, *Gen. Hist.* 2: 392 [Oct. 1832] (Don 1832). — *Mimosa ramiflora* Ruiz & Pav. ex G.Don, *Gen. Hist.* 2: 392 [Oct. 1832] (Don 1832), *nom. nud. pro syn.*

*Inga divaricata* Bong. ex Benth., *Fl. Bras.* [Martius] 15 (2): 448 [1 July 1876] (Bentham 1876), *nom. nud. pro syn.*

*Calliandra schwackeana* Taub., *Flora* 75 [n.s. 50]: 69 (Taubert 1892).

*Pithecolobium cauliflorum* Mart. f. *niveum* Lindm., *Bih. Kongl. Svenska Vetensk.-Akad. Handl.* 24 (317): 56 (Lindman 1898), “*Pithecolobium*”.

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: asiru • Te: pulelu inga • Wp: asila, kululu inga, kululu inga sili • Wn: kalaujalan • Nt: kwasiman weko, kokobe weko • Cr: bwa-sira • Br: ararandea.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4675*, 8 m × 10 cm.

#### [976] *Zygia inaequalis* (Humb. & Bonpl. ex Willd.) Pittier

*Arb. Arbust. Venez.* 6-8: 79 [Aug.-Sep. 1927] (Pittier 1927). — *Inga inaequalis* Humb. & Bonpl. ex Willd., *Sp. Pl.*, ed. 4 4 (2): 1019 [Apr. 1806] (Willdenow 1806). — *Mimosa inaequalis* (Humb. & Bonpl. ex Willd.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 1: 44 [3 Sep. 1810] (Poiret 1810). — *Pithecolobium inaequale* (Humb. & Bonpl. ex Willd.) Benth., *Trans. Linn. Soc. London* 30 (3): 596 [10 Apr. 1875] (Bentham 1875), “*Pithecolobium*”. — *Feuilleea inaequalis* (Humb. & Bonpl. ex Willd.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Pithecolobium bicolor* Spruce ex Benth., *Fl. Bras.* [Martius] 15 (2): 451 [1 July 1876] (Bentham 1876), *nom. nud. pro syn.*

*Pithecolobium pilosulum* Pittier, *Contr. U.S. Natl. Herb.* 20 (12): 466 [9 Jan. 1922] (Pittier 1922), “*Pithecolobium*”.

*Pithecolobium longiramosum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 67 (Ducke 1922), “*Pithecolobium*”. — *Zygia longiramosa* (Ducke) L.Rico, *Kew Bull.* 46 (3): 501 [27 Sep. 1991] (Rico 1991).

*Pithecolobium foreroi* C.Barbosa, *Caldasia* 14 (68-70): 395 (Barbosa 1986). — *Zygia foreroi* (C.Barbosa) L.Rico, *Kew Bull.* 46 (3): 500 [27 Sep. 1991] (Rico 1991).

VERNACULAR NAMES. — Nt: gaan kwasiman weko • Br: ingarana, jarandea.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier 1031*.

SIZE. — Up to 20 cm dbh (Barneby & Grimes 1997).

#### [977] *Zygia latifolia* (L.) Fawc. & Rendle

*Fl. Jamaica* [Fawcett & Rendle] 4: 150 (Fawcett & Rendle 1920). — *Mimosa latifolia* L., *Syst. Nat.*, ed. 10, 2: 1312 [7 June 1759] (Linnaeus 1759). — *Inga latifolia* (L.) Willd., *Sp. Pl.*, ed. 4 4 (2): 1020 [Apr. 1806] (Willdenow 1806). — *Pithecolobium latifolium* (L.) Benth., *London J. Bot.* 3: 214 (Bentham 1844), “*Pithecolobium*”. — *Calliandra latifolia* (L.) Griseb., *Fl. Brit. W.I.* [Grisebach]: 225 [late 1860] (Grisebach 1860). — *Feuilleea latifolia* (L.) Kuntze, *Revis. Gen. Pl.* 1: 188 [5 Nov. 1891] (Kuntze 1891).

*Mimosa zygia* L., *Fl. Jamaic.* [Linnaeus] 22 [22 Dec. 1759] (Linnaeus 1759).

*Zygia arborescens* J.St.-Hil., *Expos. Fam. Nat.* 2: 245 (Saint-Hilaire 1805).

*Pithecolobium chagrense* Pittier, *Contr. U.S. Natl. Herb.* 20 (12): 465 [9 Jan. 1922] (Pittier 1922).

*Pithecolobium huberi* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 29 (Ducke 1925), “*Pithecolobium*”. — *Zygia huberi* (Ducke) L.Rico, *Kew Bull.* 46 (3): 501 (Rico 1991).

*Pithecolobium latifolium* subsp. *tayronense* C.Barbosa, *Caldasia* 14 (68-70): 397 (Barbosa 1986).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana. *Zygia arborescens* J.St.-Hil. was validly published by reference to the (then monotypic) genus *Zygia* P.Browne (Turland *et al.* 2018: Art. 38.12). However, “*Arborescens*” in Browne’s text was descriptive, not epithetical. Therefore, St.-Hilaire is the sole author of the binomial *Z. arborescens* (not “P.Browne ex J.St.-Hil.”).

VERNACULAR NAMES. — Pa: asiru • Ka: ayalani • Wp: asila, kululu inga • Nt: kwasiman weko, kokobe weko • Br: ingá-do-baixo, ingá-dura.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *P. Grenand 1126*.

SIZE. — Up to 30 cm dbh (Barneby & Grimes 1997).

[978] *Zygia racemosa* (Ducke) Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (2): 71 (Barneby & Grimes 1997). — *Pithecellobium racemosum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: errata following p. 272 (Ducke 1922), “*Pithecolobium*”. — *Abarema racemosa* (Ducke) Kleinhoonte, *Fl. Suriname* 2 (2): 320 (Kleinhoonte 1940). — *Marmaroxylon racemosum* (Ducke) Killip, *Trop. Woods* 63: 3 (Killip 1940).

*Pithecellobium racemiflorum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 14 (Ducke 1915), “*Pithecolobium*”, *nom. illeg. hom., non* Donn.Sm. (Donnell Smith 1913).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kaibune-á, kaibune-ára • Ka: kwata weli • Wn: ekessimaimë • Nt: sineki udu • Cr: bwa-serpan • Fr: bois serpent • Br: angelim-rajado, ingarana-da-terra-firme, urubuzeiro.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2912.

INVENTORY DATA (FG). — 143 trees in 60 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 63$  cm.

[979] *Zygia sabatieri* Barneby & J.W.Grimes  
(Fig. 32E)

*Mem. New York Bot. Gard.* 74 (2): 83 (Barneby & Grimes 1997).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Wp: tayau'i • Br: faveira.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3896 (holo-, CAY[CAY097639]; iso-, MO[MO-277933], NY[00003389, 00003390], P[P00208187, P02142986], U[U0003453]).

INVENTORY DATA (FG). — 34 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.8$  cm.

[980] *Zygia tetragona* Barneby & J.W.Grimes

*Mem. New York Bot. Gard.* 74 (2): 80 (Barneby & Grimes 1997).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: sineki udu.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2561 (holo-, P[P00077200]; iso-, NY[00003392, 00003393], P[P00208190]).

INVENTORY DATA (FG). — 66 trees in 30 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 105$  cm.

Family LEPIDOBOTRYACEAE J.Léonard  
Genus *Ruptiliocarpon* Hammel & N.Zamora

[981] *Ruptiliocarpon* sp. A  
(Fig. 33A)

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2846.

INVENTORY DATA (FG). — 19 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 84$  cm.

Family LINACEAE DC. ex Perleb  
Genus *Hebepetalum* Benth.

[982] *Hebepetalum humiriifolium*  
(Planch.) Benth. & Hook.f. ex B.D.Jacks.

*Index Kew.* 1 (2): 1097 [14 Dec. 1893] (Jackson 1893). — *Rouche-ria humiriifolia* Planch., *London J. Bot.* 6: 143 (Planchon 1847).

*Rouche-ria angulata* Gleason, *Bull. Torrey Bot. Club* 58 (6): 373 [June 1931] (Gleason 1931).

NOTE. — The combination by Bentham & Hooker f. (*Gen. Pl.* 1: 245. 1862) is invalid, because they did not associate the genus name to the epithet.

VERNACULAR NAMES. — Pa: á-danó • Ka: kunapolan, pakila sipyoli, silimaipo • Wp: pasi'i wapo, pasi'i wapo sili • Cr: bwa-patagay • Br: abacate-rana, itaúba-abacate.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *J. Martin s.n.* (type K[K000407359]).

INVENTORY DATA (FG). — 284 trees in 110 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 56.5$  cm.

Genus *Rouche-ria* Planch.

[983] *Rouche-ria laxiflora* H.J.P.Winkl.  
(Fig. 33B)

*Repert. Spec. Nov. Regni Veg.* 7: 109 (Winkler 1909).

VERNACULAR NAMES. — Wp: tukánákū sili.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3165.

INVENTORY DATA (FG). — 33 trees in 4 plots;  $F_{\max} = 5.7\%$ ;  $dbh_{\text{inv}} = 23.6$  cm.

Family LOGANIACEAE R.Br. ex Mart.  
Genus *Antonia* R.Br.

[984] *Antonia ovata* Pohl  
(Fig. 33C)

*Pl. Bras. Icon. Descr.* 2 (1): 14 [1828 publ. Jan. 1829] (Pohl 1829).

*Antonia pilosa* Hook., *Icon. Pl.* 1: t. 64 [1 Feb. 1837] (Hooker 1837). — *Antonia ovata* var. *pilosa* (Hook.) Progel, *Fl. Bras. [Martius]* 6 (1): 253 [1 Aug. 1868] (Progel 1868).

*Antonia pubescens* Bong., *Mém. Acad. Imp. Sci. Saint-Petersbourg, Sér. 6, Sci. Math., Seconde Pt. Sci. Nat.* 5 (2, Bot.): 2 [Oct. 1839] (Bongard 1839).

*Antonia ovata* var. *excelsa* Paula, *Acta Amazonica* 6 (1): 41 (Paula 1976).

VERNACULAR NAMES. — Ka: palulipo, tamanokwale • Wp: kulupi'i, wila pipẽ mu.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *D. Sabatier* 4863.

INVENTORY DATA (FG). — 61 trees in 36 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 75.6$  cm.

Genus *Strychnos* L.

[985] *Strychnos cayennensis* Krukoff & Barneby  
(Fig. 33D)

*Phytologia* 27 (2): 101 [29 Nov. 1973] (Krukoff & Barneby 1973).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 3329.

INVENTORY DATA (FG). — 1 tree, dbh = 13 cm.

Family LYTHRACEAE J.St.-Hil.  
Genus *Lafoensia* Vand.

[986] *Lafoensia vandelliana* DC. ex Cham. & Schldl.  
(Fig. 34A)

*Linnaea* 2: 346 (Chamisso & Schlechtendal 1827).

*Lafoensia replicata* Pohl, *Pl. Bras. Icon. Descr.* 2 (4): 144 [Jan.-Sep. 1833] (Pohl 1833), “*Lafoënsia*”. — *Lafoensia vandelliana* subsp. *replicata* (Pohl) Lourteig, *Mem. Soc. Ci. Nat. La Salle* 45 (123): 134 (Lourteig 1985).

NOTE. — *Lafoensia vandelliana* was first invalidly published by Candolle (1826: 73), because he cited four species in his description of the genus, without distinguishing them (Turland *et al.* 2018: Art. 38.12).

VERNACULAR NAMES. — Br: dedalinho, louro-da-serra, mirindiba-rosa.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 15000.

INVENTORY DATA (FG). — 5 trees in 1 plot; dbh<sub>inv</sub> = 18 cm.

Family MALPIGHIACEAE Juss.  
Genus *Bunchosia* Rich. ex Kunth.

[987] *Bunchosia argentea* (Jacq.) DC.  
(Fig. 34B)

*Prodr. [A. P. de Candolle]* 1: 582 [mid Jan. 1824] (Candolle 1824). — *Malpighia argentea* Jacq., *Fragm. Bot.* 57 (Jacquin 1806).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5738.

INVENTORY DATA (FG). — 5 trees in 5 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 29.4 cm.

[988] *Bunchosia decussiflora* W.R.Anderson

*Mem. New York Bot. Gard.* 32: 279 (Anderson 1981).

VERNACULAR NAMES. — Wp: wila tawa, yanita.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 934, 12 m × 15 cm.

Genus *Byrsonima* Rich. ex Kunth

[989] *Byrsonima aerugo* Sagot

*Ann. Sci. Nat., Bot. sér.* 6, 12: 178 (Sagot 1881).

NOTES. — Anderson (2007: 85) made a first-step lectotypification by choosing among the paratypes “*Sagot 102* (lectotype: P!; isolectotypes: BM! G! K! MEL! MICH! NY!)”. However, there are four collection dates among the eight specimens labelled “*Sagot 102*” at P (1855, 1856, 1857, 1858). It is therefore necessary to designate one of them as lectotype. We selected the specimen P05529869 dated 1857 on which Sagot affixed a complete handwritten description of his new species.

VERNACULAR NAMES. — Ka: pelulu • Wn: mulei.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *P.A. Sagot 102*, 1857 (lecto-, P[P05529869] here designated; isolecto-, BM[BM000796094], BR[BR0000008497468], GOET[GOET007083, GOET007084], P[P05529871], S[S08-15040]).

INVENTORY DATA (FG). — 14 trees in 12 plots; F<sub>max</sub> = 2.8 %; dbh<sub>inv</sub> = 43.4 cm.

[990] *Byrsonima altissima* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 1: 579 [mid Jan. 1824] (Candolle 1824). — *Malpighia altissima* Aubl., *Hist. Pl. Guiane* 1: 455 [Jun.-Dec. 1775] (Aublet 1775).

*Byrsonima aubletii* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 10 (Kostermans 1936).

*Byrsonima discolor* Pilg., *Repert. Spec. Nov. Regni Veg.* 42: 179 (Pilger 1937).

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN[LINN-HS 822.4], P-LA[P00287893], US[00036896]).

INVENTORY DATA (FG). — 8 trees in 7 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 88.2 cm.

[991] *Byrsonima christianeae* W.R.Anderson

*Mem. New York Bot. Gard.* 32: 112 (Anderson 1981).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: mavinbi-kamwi, mavinvi-kamwi.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2664.

INVENTORY DATA (FG). — 1 tree, dbh = 16.9 cm.

[992] *Byrsonima crassifolia* (L.) Kunth

*Nova genera et species plantarum [H.B.K.]* 5: 149 [25 Feb. 1822] (Kunth 1822). — *Malpighia crassifolia* L., *Sp. Pl.* 1: 426 [1 May 1753] (Linnaeus 1753).

*Malpighia moureila* Aubl., *Hist. Pl. Guiane* 1: 459 [Jun.-Dec. 1775] (Aublet 1775).

*Malpighia coriacea* Sw., *Prodr. [Swartz]* 74 [20 Jun.-29 July 1788] (Swartz 1788). — *Byrsonima coriacea* (Sw.) DC., *Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824).

*Byrsonima laurifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 150 [25 Feb. 1822] (Kunth 1822).

*Byrsonima ferruginea* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 151 [25 Feb. 1822] (Kunth 1822).

*Byrsonima cotinifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 152 [25 Feb. 1822] (Kunth 1822).

*Byrsonima lanceolata* DC., *Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824).

*Byrsonima pulchra* DC., *Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824).

*Byrsonima rufescens* Bertol., *Nuovi Ann. Sci. Nat.* 414 (Bertoloni 1838).

*Byrsonima cumingiana* A.Juss., *Ann. Sci. Nat., Bot. sér. 2*, 13: 332 [May 1840] (Jussieu 1840), “*Cumingana*”.

*Byrsonima karwinskiana* A.Juss., *Ann. Sci. Nat., Bot. sér. 2*, 13: 333 [May 1840] (Jussieu 1840).

*Byrsonima panamensis* Beurl., *Kongl. Vetensk.-Akad. Handl.* 40: 117 [“1854” publ. 1856] (Beurling 1856).

*Byrsonima moritziana* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 391 (Turczaninow 1858).

*Byrsonima fendleri* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (2): 582 (Turczaninow 1863).

*Malpighia pulchra* Sessé & Moc., *Fl. Mexic.*, ed. 2, 115 (Sessé & Mociño 1894).

*Byrsonima fagifolia* Nied., *Byrsonima* 2: 20 (Niedenzu 1901).

*Byrsonima laurifolia* var. *guatemalensis* Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 724 [27 Nov. 1928] (Niedenzu 1928).

NOTES. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). In French Guiana, this species is restricted to savannas and other open vegetations.

VERNACULAR NAMES. — Pa: mariuvra, mariuvra-seine • Ka: mile'i, morelia (*vide* Aublet 1775), mule'i • Wp: alali lá, palálá ka'a • Cr: mourousi, prin-savann • Fr: maurissi • Br: murici, muruci.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *M.-F. Prévost* 3845.

SIZE. — Up to 15 cm dbh (Cuatrecasas & Croat 1980).

[993] *Byrsonima densa* (Poir.) DC.

*Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824). — *Malpighia densa* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 4: 7 [29 June 1816] (Poiret 1816).

*Byrsonima amazonica* Griseb., *Fl. Bras. [Martius]* 12 (1): 14 [1 June 1858] (Grisebach 1858).

*Byrsonima lucidula* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 423 (Huber 1902). — *Byrsonima amazonica* var. *lucidula* (Huber) Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 745 [27 Nov. 1928] (Niedenzu 1928).

*Byrsonima densa* var. *emarginata* Kosterm., *Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 25: 10 (Kostermans 1936).

NOTE. — *F.M.R. Leprieur s.n.*, 1840 (F, V0062737F) is erroneously marked as isotype at F, given it was collected in 1840, long after the publication of *Malpighia densa* Poir. Leprieur was in French Guiana from 1829 to 1870.

VERNACULAR NAMES. — Ka: mile'i, mule'i • Wp: mulei pilá, mulei sówī • Br: muruci-vermelho.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (“Herb. Poir.”) (type P[P02428546]).

INVENTORY DATA (FG). — 18 trees in 14 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 49.3$  cm.

[994] *Byrsonima krukoffii* W.R.Anderson (Fig. 34D)

*Contr. Univ. Michigan Herb.* 20: 24 (Anderson 1995).

VERNACULAR NAMES. — Pa: tukuyuy-kamwi • Wp: mulei.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sibatier* 3526.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.5$  cm.

[995] *Byrsonima laevigata* (Poir.) DC. (Fig. 34E)

*Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824). — *Malpighia laevigata* Poir., *Encycl. [J. Lamarck et al.]* 4 (1): 332 [9 Feb. 1797] (Poiret 1797).

*Byrsonima obversa* Miq., *Stirp. Surinam. Select.*: 76 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Pa: murusi • Ka: mule'i itydano.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (holo-, P-LA[P00287881]; iso-, P[P02428604]).

INVENTORY DATA (FG). — 70 trees in 50 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 61.9$  cm.

[996] *Byrsonima sericea* DC.

*Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824).

*Byrsonima eglandulosa* A.Juss., *Arch. Mus. Hist. Nat.* 3: 273 (Jussieu 1843). — *Byrsonima sericea* var. *eglandulosa* (A.Juss.) Griseb., *Fl. Bras. [Martius]* 12 (1): 11 [1 June 1858] (Grisebach 1858).

*Byrsonima sericea* var. *angustifolia* Griseb., *Fl. Bras. [Martius]* 12 (1): 12 [1 June 1858] (Grisebach 1858).

*Byrsonima sericea* f. *eglandulosa* Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 703 [27 Nov. 1928] (Niedenzu 1928), *nom. illeg. hom.*, non var. *eglandulosa* (A.Juss.) Griseb. (Grisebach 1858).

*Byrsonima sericea* var. *pubescens* Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 703 [27 Nov. 1928] (Niedenzu 1928).

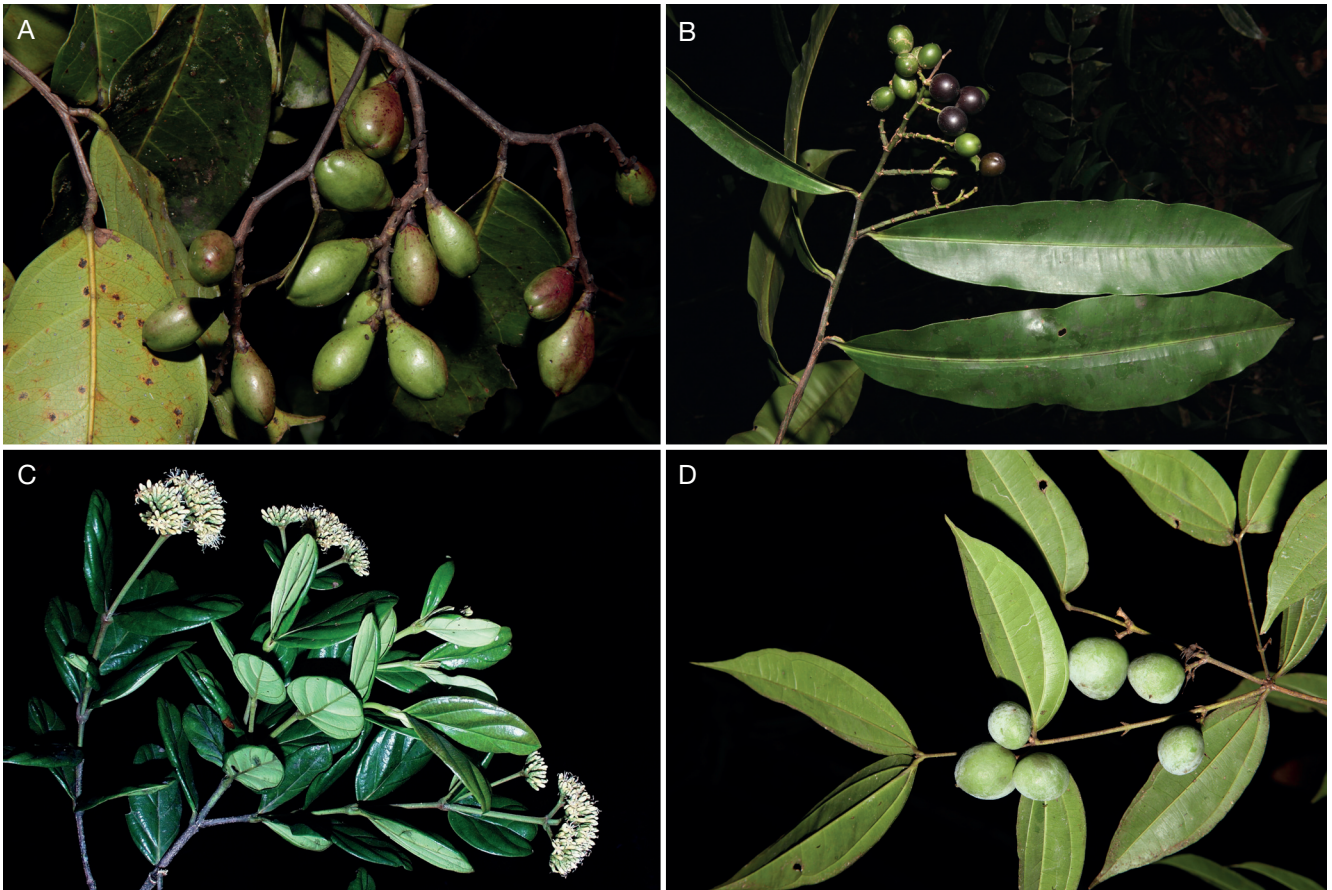


FIG. 33. — Lepidobotryaceae: **A**, *Ruptiliocarpon* sp. A (D. Sabatier et al. 6045). Linaceae: **B**, *Roucheria laxiflora* H.J.P.Winkl. (D. Sabatier et al. 5877). Loganiaceae: **C**, *Antonia ovata* Pohl (D. Sabatier 4863); **D**, *Strychnos cayennensis* Krukoff & Barneby (J.-F. Molino et al. 3329). © D. Sabatier/IRD.

NOTE. — Niedenzu (1928: 702) listed var. *eglandulosa* but created a distinct, heterotypic f. *eglandulosa* within his var. *pubescens* (Niedenzu 1928: 703).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost 204*.

SIZE. — Up to 20 m tall (Teixeira & Machado 2000).

[997] *Byrsonima spicata* (Cav.) DC.

*Prodr.* [*A. P. de Candolle*] 1: 580 [mid Jan. 1824] (Candolle 1824). — *Malpighia spicata* Cav., *Diss.* 8: 409 [4 May 1789] (Cavanilles 1789). — *Byrsonima coriacea* var. *spicata* (Cav.) Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 700 [27 Nov. 1928] (Niedenzu 1928).

*Byrsonima chrysophylla* Kunth, *Nova genera et species plantarum* [*H.B.K.*] 5: 150 [25 Feb. 1822] (Kunth 1822). — *Galphimia chrysophylla* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 2: 385 [Jan.-May 1825] (Sprengel 1825).

*Malpighia guadalupensis* Spreng., *Syst. Veg. [Sprengel]* 2: 383 [Jan.-May 1825] (Sprengel 1825).

*Byrsonima guadalupensis* G.Don, *Gen. Hist.* 1: 637 [early Aug. 1831] (Don 1831).

*Byrsonima berteriana* A.Juss., *Ann. Sci. Nat., Bot. sér. 2*, 13: 333 [May 1840] (Jussieu 1840).

*Byrsonima peruviana* A.Juss., *Ann. Sci. Nat., Bot. sér. 2*, 13: 333 [May 1840] (Jussieu 1840).

*Byrsonima peruviana* var. *eglandulosa* A.Juss., *Arch. Mus. Hist. Nat.* 3: 290 (Jussieu 1843).

*Byrsonima hostmannii* Benth., *London J. Bot.* 7: 120 (Bentham 1848).

*Byrsonima propinqua* Benth., *London J. Bot.* 7: 120 (Bentham 1848). — *Byrsonima spicata* f. *propinqua* (Benth.) Nied., *Byrsonima* 2: 5 (Niedenzu 1901). — *Byrsonima coriacea* f. *propinqua* (Benth.) Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 701 [27 Nov. 1928] (Niedenzu 1928).

*Byrsonima chrysophylla* f. *glandulifera* Griseb., *Fl. Bras. [Martius]* 12 (1): 12 [1 June 1858] (Grisebach 1858).

*Byrsonima biacuminata* Rusby, *Mem. Torrey Bot. Club* 6 (1): 13 (Rusby 1896).

*Byrsonima chrysophylla* f. *kunthiana* Nied., *Byrsonima* 2: 7 (Niedenzu 1901).

*Byrsonima ophiticola* Small ex Britton, *Bull. Torrey Bot. Club* 43 (9): 456 (Britton 1916).

*Byrsonima borneana* Britton & Small, *Sci. Surv. Porto Rico & Virgin Islands* 5: 447 (Britton & Small 1924).

*Byrsonima coriacea* f. *angustifolia* Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 701 [27 Nov. 1928] (Niedenzu 1928). — *Byrsonima angustifolia* Benth. ex Nied., *Pflanzenr. [Engler]* IV.141.III (Heft 94): 701 [27 Nov. 1928] (Niedenzu 1928), *nom. nud. pro syn.*



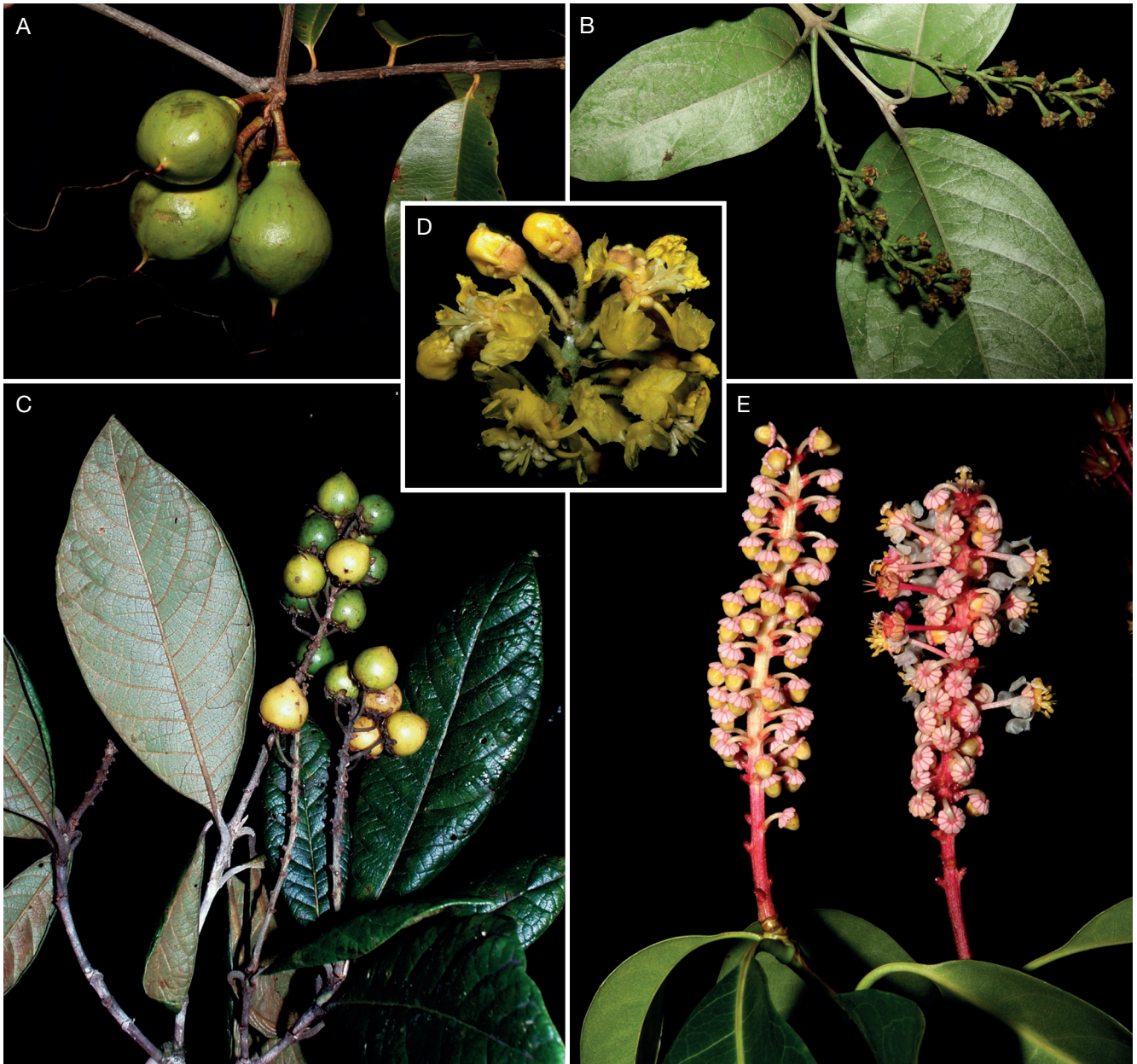


FIG. 34. — Lythraceae: **A**, *Lafoensia vandelliana* DC. ex Cham. & Schlttdl. (D. Sabatier & J.-F. Molino 5104). Malpighiaceae: **B**, *Bunchosia argentea* (Jacq.) DC. (D. Sabatier & J.-F. Molino 5738); **C**, *Byrsonima stipulacea* A.Juss. (D. Sabatier 4862); **D**, *Byrsonima kruckhoffii* W.R.Anderson (D. Sabatier 3526); **E**, *Byrsonima laevigata* (Poir.) DC. (D. Sabatier 5575). © D. Sabatier/IRD.

*Byrsonima coriacea* f. *eglandulosa* Nied., *Pflanzenr. [Engler]* IV.141. III (Heft 94): 701 [27 Nov. 1928] (Nieden zu 1928).

NOTES. — Kunth (Humboldt *et al.* 1822: 147) transferred *Malpighia spicata* Cav. to *Byrsonima* without associating genus name and epithet, making the combination invalid (Turland *et al.* 2018: Art. 35.2). *B. guadalupensis* G.Don is not based on *M. guadalupensis* Spreng.

VERNACULAR NAMES. — Br: calliandra.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *M.-F. Prévost 1205*.

SIZE. — Up to 25 m tall (Anderson 1999).

[998] *Byrsonima stipulacea* A.Juss.  
(Fig. 34C)

*Ann. Sci. Nat., Bot. sér. 2*, 13: 332 [May 1840] (Jussieu 1840). — *Alcoceratothrix stipulacea* (A.Juss.) Nied., *Pflanzenr. [Engler]* IV.141. III (Heft 94): 762 [27 Nov. 1928] (Nieden zu 1928).

*Byrsonima longibracteata* A.Juss. ex Mart., *Flora* 24 (2, Beibl.): 61 (Martius 1841). — *Alcoceratothrix longibracteata* (A.Juss. ex Mart.) Nied., *Byrsonima* 2: 45 (Nieden zu 1901).

*Byrsonima rugosa* Benth., *London J. Bot.* 7: 118 (Bentham 1848). — *Alcoceratothrix rugosa* (Benth.) Nied., *Byrsonima* 2: 45 (Nieden zu 1901).

*Byrsonima coleostachya* Griseb., *Linnaea* 22: 3 (Grisebach 1849).

*Alcoceratothrix rugosa* var. *minor* Nied., *Byrsonima* 2: 45 (Niedenau 1901).

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier* 4862.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 69.5$  cm.

### Genus *Spachea* A.Juss.

[999] *Spachea elegans* (G.Mey.) A.Juss.

*Icon. Sel. Pl.* 3: 19 [“1837” publ. 1838] (Jussieu 1838). — *Malpighia elegans* G.Mey., *Prim. Fl. Esseq.* 178 [Nov. 1818] (Meyer 1818). — *Byrsonima elegans* (G.Mey.) DC., *Prodr. [A. P. de Candolle]* 1: 580 [mid Jan. 1824] (Candolle 1824).

*Byrsonima herbert-smithii* Rusby, *Descr. S. Amer. Pl.* 37 [20 Dec. 1920] (Rusby 1920). — *Spachea herbert-smithii* (Rusby) Cuatrec., *Webbia* 13 (2): 546 (Cuatrecasas 1958).

VERNACULAR NAMES. — Ka: noya elepali, pakila sipiyoli • Wp: yāsī lea'iy.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *Service Forestier M-23*.

SIZE. — Up to 12 cm dbh (Anderson 1981).

### Family MALVACEAE Juss.

#### Genus *Apeiba* Aubl.

[1000] *Apeiba glabra* Aubl.

*Hist. Pl. Guiane* 1: 541 [Jun.-Dec. 1775] (Aublet 1775). — *Apeiba laevis* Sw., *Prodr. [Swartz]:* 83 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Apeiba glabra*). — *Aubletia laevis* Willd., *Sp. Pl.*, ed. 4 2 (2): 1156 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Apeiba laevis* and *A. glabra*).

*Apeiba aspera* Aubl., *Hist. Pl. Guiane* 1: 545 [Jun.-Dec. 1775] (Aublet 1775).

*Apeiba burchellii* Sprague, *Bull. Herb. Boissier*, sér. 2, 5: 703 (Sprague 1905).

VERNACULAR NAMES. — Pa: yit-itaibi-priye, yit-itaibi-puvemna, yit-itaibi-seine • Te: petumo ka'apewat • Wp: ape'i, ape'i sī • Nt: kankan udu • Cr: bwa-amadou, bwa-bouchon, bwa-kalou, pengn-makak • Fr: bois de mèche (*vide* Aublet 1775), peigne macaque • Br: pau-de-jangada, pente-de-macaco.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000795157]).

INVENTORY DATA (FG). — 173 trees in 78 plots;  $F_{\max} = 2.2\%$ ;  $\text{dbh}_{\text{inv}} = 66.8$  cm.

[1001] *Apeiba petoumo* Aubl.

*Hist. Pl. Guiane* 1: 543 [Jun.-Dec. 1775] (Aublet 1775). — *Apeiba hispida* Gaertn., *Fruct. Sem. Pl.* 2: 188 [Apr.-May 1791] (Gaertner

1791), *nom. illeg. superfl.* (based on *Apeiba petoumo*). — *Aubletia petoumo* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (2): 1156 [Dec. 1799] (Willdenow 1799).

*Apeiba echinata* Gaertn., *Fruct. Sem. Pl.* 2: 189 [Apr.-May 1791] (Gaertner 1791).

*Apeiba hypoleuca* Steud., *Flora* 26 (45): 755 [17 Dec. 1843] (Steudel 1843).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), although known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: yit-itaibi-priyo • Ka: me:ku yongay, patumu • Te: petumo tasing • Nt: kankan udu • Cr: bwa-bouchon, bwa-kalou, pengn-makak • Fr: peigne macaque • Br: pente-de-macaco.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000795155]).

INVENTORY DATA (FG). — 67 trees in 39 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 92.1$  cm.

[1002] *Apeiba tibourbou* Aubl.  
(Fig. 35A)

*Hist. Pl. Guiane* 1: 538 [Jun.-Dec. 1775] (Aublet 1775). — *Aubletia tibourbou* (Aubl.) Willd., *Sp. Pl.*, ed. 4 2 (2): 1156 [Dec. 1799] (Willdenow 1799).

*Apeiba tibourbou* var. *rugosa* Szyszyl., *Pug. Pl. Amer. Centr.* 2 (Szyszylowicz 1894), “*Tibourbon*”.

*Apeiba albiflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 209 (Ducke 1922).

*Apeiba tibourbou* var. *kruckoffii* Uittien, *Recueil Trav. Bot. Néerl.* 32: 248 (Uittien 1935).

VERNACULAR NAMES. — Pa: imavui, yit-itaibi • Te: petumo • Wp: ape'i, ape'i sī • Wn: pëinëkë emnamotem, petun • Nt: kankan udu, mifungafunga • Cr: bwa-amadou, bwa-bouchon, bwa-kalou, pengn-makak • Fr: peigne macaque • Br: pau-de-jangada, pente-de-macaco.

HERBARIUM DATA (FG). — 62 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000795154], S[S13-21705]).

INVENTORY DATA (FG). — 10 trees in 8 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 42$  cm.

[1003] *Apeiba* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier* 2679.

INVENTORY DATA (FG). — 1 tree, dbh = 13.7 cm.

### Genus *Ayenia* L.

[1004] *Ayenia morii*

(L.C.Barnett & Dorr) Christenh. & Byng

*Global Fl.* 4: 137 [9 Feb. 2018] (Christenhusz & Byng 2018). — *Byttneria morii* L.C.Barnett & Dorr, *Brittonia* 42 (4): 271 (Barnett & Dorr 1990).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *S.A. Mori et al. 19160* (holo-, NY[00222207] ; iso-, CAY[CAY024967], CTES[CTES0001740], F[V0073514F], K[K000381151], MO[MO-309195], P[P01900193], U[U0006820], US[00324040], VEN[VEN262140]).

INVENTORY DATA (FG). — 1 tree, dbh = 13.5 cm.

Genus *Catostemma* Benth.

[1005] *Catostemma commune* Sandwith

*Bull. Misc. Inform. Kew* 1931 (1): 51 [20 Jan. 1931] (Sandwith 1931).

VERNACULAR NAMES. — Pa: waikwimna.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier et al. 5250*.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 57.5$  cm.

[1006] *Catostemma fragrans* Benth.

*London J. Bot.* 2: 365 (Bentham 1843).

*Guenetia macrosperma* Sagot ex Benoist, *Bull. Mus. Natl. Hist. Nat.* 25: 387 (Benoist 1919). — *Catostemma macrospermum* (Sagot ex Benoist) Lemée, *Fl. Guyane Franç.* 3: 631 (Lemée 1954).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), although known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kulebogo • Nt: aganananga.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *S.A. Mori et al. 23417*.

INVENTORY DATA (FG). — 552 trees in 120 plots;  $F_{\max} = 9.6\%$ ;  $dbh_{\text{inv}} = 54.1$  cm.

[1007] *Catostemma* sp. A

NOTE. — This is possibly *C. grazielae* Paula (*Ci. & Cult.* 21: 703 [Paula 1970]).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5530*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.7$  cm.

Genus *Ceiba* Mill.

[1008] *Ceiba pentandra* (L.) Gaertn.

*Fruct. Sem. Pl.* 2: 244 [Apr.-May 1791] (Gaertner 1791). — *Bombax pentandrum* L., *Sp. Pl.* 1: 511 [1 May 1753] (Linnaeus 1753). — *Eriodendron pentandrum* (L.) Kurz, *Jour. As. Soc. Bengal* 43: 113 (Kurz 1874). — *Xylon pentandrum* (L.) Kuntze, *Revis. Gen.*

*Pl.* 1: 75 [5 Nov. 1891] (Kuntze 1891). — *Eriodendron anfractuosum* DC., *Prodr. [A. P. de Candolle]* 1: 479 [mid Jan. 1824] (Candolle 1824), *nom. illeg. superfl.* (based on *Bombax pentandrum*). — *Bombax occidentale* Spreng., *Syst. Veg. [Sprengel]* 3: 124 [Jan.-Mar. 1826] (Sprengel 1826), *nom. illeg. superfl.* (based on *Bombax pentandrum*, as “*B. pentandrum* Jacq.”). — *Ceiba occidentalis* Burkill, *Bull. Misc. Inform. Kew* 1935 (5): 317 [4 Sep. 1935] (Burkill 1935), *nom. illeg. superfl.* (based on the illegitimate *Bombax occidentale*, thus indirectly on *B. pentandrum*). — *Bombax orientale* Spreng., *Syst. Veg. [Sprengel]* 3: 124 [Jan.-Mar. 1826] (Sprengel 1826). — *Eriodendron orientale* (Spreng.) Kostel., *Allg. Med.-Pharm. Fl.* 5: 1875 [Jan.-Sep. 1836] (Kosteletzky 1836). — *Gossampinus alba* Buch.-Ham., *Trans. Linn. Soc. London* 15 (1): 126 [9 Feb. 1827] (Buchanan-Hamilton 1827), *nom. illeg. superfl.* (based on *Ceiba pentandra*).

*Ceiba casearia* Medik., *Malvenfam.*: 16 (Medikus 1787).

*Bombax cumanense* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 300 [June 1822] (Kunth 1822).

*Bombax mompoxense* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 300 [June 1822] (Kunth 1822).

*Eriodendron anfractuosum* var. *caribaeum* DC., *Prodr. [A. P. de Candolle]* 1: 479 [mid Jan. 1824] (Candolle 1824). — *Eriodendron caribaeum* (DC.) G. Don, *Hort. Brit. [Loudon]* 292 (Don 1830). — *Ceiba pentandra* var. *caribaea* (DC.) Bakh., *Bull. Jard. Bot. Buitenzorg*, sér. 3, 6: 196 (Bakhuizen 1924). — *Ceiba caribaea* (DC.) A. Chev., *Rev. Bot. Appl. Agric. Trop.* 17: 266 (Chevalier 1937).

*Eriodendron anfractuosum* var. *indicum* DC., *Prodr. [A. P. de Candolle]* 1: 479 [mid Jan. 1824] (Candolle 1824). — *Ceiba pentandra* var. *indica* (DC.) Bakh., *Bull. Jard. Bot. Buitenzorg*, sér. 3, 6: 196 (Bakhuizen 1924).

*Eriodendron anfractuosum* var. *africanum* DC., *Prodr. [A. P. de Candolle]* 1: 479 [mid Jan. 1824] (Candolle 1824).

*Bombax guineense* Thonn., *Beskr. Guin. Pl.* 302 (Thonning 1827). — *Ceiba guineensis* (Thonn.) A. Chev., *Rev. Bot. Appl. Agric. Trop.* 17: 261 (Chevalier 1937).

*Eriodendron guineense* G. Don, *Hort. Brit. [Loudon]* 292 (Don 1830).

*Eriodendron occidentale* G. Don, *Gen. Hist.* 1: 513 [early Aug. 1831] (Don 1831).

*Gossampinus rumphii* Schott & Endl., *Melet. Bot.*: 35 (Schott & Endlicher 1832).

*Eriodendron anfractuosum* var. *guianense* Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 11: 153 (Sagot 1881).

*Ceiba anfractuosa* M. Gómez, *Fl. Habanera* 141 (Gómez 1897).

*Ceiba pentandra* var. *clausa* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 30 [25 Apr. 1913] (Ulbrich 1913). — *Ceiba guineensis* var. *clausa* (Ulbr.) A. Chev., *Rev. Bot. Appl. Agric. Trop.* 17: 264 (Chevalier 1937).

*Ceiba pentandra* f. *albolana* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 30 [25 Apr. 1913] (Ulbrich 1913).

*Ceiba pentandra* f. *grisea* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 30 [25 Apr. 1913] (Ulbrich 1913).

*Ceiba pentandra* f. *albolana* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 31 [25 Apr. 1913] (Ulbrich 1913), *nom. illeg. hom., non ibid.* p. 30.

*Ceiba pentandra* f. *grisea* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 31 [25 Apr. 1913] (Ulbrich 1913), *nom. illeg. hom., non ibid.* p. 30.

*Ceiba pentandra* var. *dehiscens* Ulbr., *Notizbl. Königl. Bot. Gart. Berlin* 6: 31 [25 Apr. 1913] (Ulbrich 1913).

*Eriodendron inerme* A.Chev., *Explor. Bot. Afrique Occ. Franç.* 1: 75 (Chevalier 1920), *nom. nud.*

*Ceiba guineensis* var. *ampla* A.Chev., *Rev. Bot. Appl. Agric. Trop.* 17: 262 (Chevalier 1937).

*Ceiba thoningii* A.Chev., *Rev. Bot. Appl. Agric. Trop.* 17: 249 (Chevalier 1937).

NOTE. — Ulbrich (1913) created under each of his varieties *clausa* and *dehiscens* two formas to which he gave the same epithets *albolana* and *grisea*. Those under var. *dehiscens* (Ulbrich 1913: 31) are illegitimate homonyms of those under var. *clausa* (Ulbrich 1913: 30).

VERNACULAR NAMES. — Pa: kumak • Ka: kumaka • Te: kubaka • Wp: kumaka • Wn: kumaka • Nt: kankantii • Cr: fronmajé • Fr: fromager, kapokier • Br: samaúma, sumaúma.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4580*.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 190$  cm.

### Genus *Eriotheca* Schott & Endl.

[1009] *Eriotheca crassa* (Uittien) A.Robyns

*Bull. Jard. Bot. État Bruxelles* 33 (1): 142 (Robyns 1963). — *Bombax crassum* Uittien, *Recueil Trav. Bot. Néerl.* 22: 365 [“1925” publ. Jan. 1926] (Uittien 1926).

VERNACULAR NAMES. — Pa: katatru-avain, katatu-avain • Ka: ityutano kilikili maululu • Wp: pilisĩ aminiyu • Nt: katun udu, yankomini • Cr: koton-siam, mao-koton.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Béna 1232*.

[1010] *Eriotheca globosa* (Aubl.) A.Robyns

*Bull. Jard. Bot. État Bruxelles* 33 (1): 142 (Robyns 1963). — *Bombax globosum* Aubl., *Hist. Pl. Guiane* 2: 701 [Jun.-Dec. 1775] (Aublet 1775).

*Bombax sclerophyllum* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 58 [Sep. 1935] (Ducke 1935). — *Eriotheca macrophylla* (K.Schum.) A.Robyns subsp. *sclerophylla* (Ducke) A.Robyns, *Bull. Jard. Bot. État Bruxelles* 33 (2): 154 (Robyns 1963).

VERNACULAR NAMES. — Ka: kilikili maululu, ulu maululu • Wp: pilisĩ aminiyu • Wn: hapèlek • Nt: katun udu, yankomini • Cr: bwa-koton, mao-koton, tcho-bèf • Fr: mahot coton • Br: algodão-bravo, mamorana-da-terra-firme, mamorana-grande.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2578*.

INVENTORY DATA (FG). — 138 trees in 75 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 117$  cm.

[1011] *Eriotheca longitubulosa* A.Robyns

*Bull. Jard. Bot. État Bruxelles* 33 (2): 169 (Robyns 1963).

VERNACULAR NAMES. — Pa: katatru-avain, katatu-avain • Te: pitsiwitmididju • Nt: katun udu, yankomini • Cr: bwa-koton, koton-siam, mao-koton • Fr: mahot coton • Br: sumaúma-brava.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2996*.

INVENTORY DATA (FG). — 82 trees in 53 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 76.4$  cm.

[1012] *Eriotheca surinamensis* (Uittien) A.Robyns

*Bull. Jard. Bot. État Bruxelles* 33 (2): 155 (Robyns 1963). — *Bombax surinamense* Uittien, *Recueil Trav. Bot. Néerl.* 22: 365 [“1925” publ. Jan. 1926] (Uittien 1926).

VERNACULAR NAMES. — Wn: wewe lèmpoka.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier 3547*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 25.9$  cm.

[1013] *Eriotheca* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2173*.

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

### Genus *Guazuma* Mill.

[1014] *Guazuma ulmifolia* Lam.

*Encycl. [J. Lamarck et al.]* 3 (1): 52 [19 Oct. 1789] (Lamarck 1789). — *Bubroma ulmifolia* (Lam.) Oken, *Allg. Naturgesch.* 3 (2): 1204 (Oken 1841). — *Guazuma guazuma* var. *ulmifolia* (Lam.) Kuntze, *Revis. Gen. Pl.* 3 (3): 24 [28 Sep. 1898] (Kuntze 1898).

*Theobroma guazuma* L., *Sp. Pl.* 2: 782 [1 May 1753] (Linnaeus 1753). — *Bubroma guazuma* (L.) Willd., *Sp. Pl.*, ed. 4 3 (2): 1423 [1-10 Nov. 1802] (Willdenow 1802). — *Guazuma guazuma* (L.) Cockerell, *Bull. Torrey Bot. Club* 19 (3): 95 (Cockerell 1892), *nom. inval.* (tautonym).

*Guazuma polybotrya* Cav., *Icon. [Cavanilles]* 3 (2): 51 (Cavanilles 1796), “polybotra”. — *Bubroma polybotryum* (Cav.) Willd., *Enum. Pl. [Willdenow]* 2: 806 [June 1809] (Willdenow 1809).

*Bubroma invira* Willd., *Enum. Pl. [Willdenow]* 2: 806 [June 1809] (Willdenow 1809). — *Guazuma invira* (Willd.) G.Don, *Gen. Hist.* 1: 523 [early Aug. 1831] (Don 1831).

*Guazuma tomentosa* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 320 [24 Mar. 1823] (Kunth 1823). — *Bubroma tomentosum* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 3: 332 [Jan.-Mar. 1826] (Sprengel 1826). — *Guazuma ulmifolia* var. *tomentosa* (Kunth) K.Schum., *Fl. Bras. [Martius]* 12 (3): 81 [1 Mar. 1886] (Schumann 1886). — *Theobroma tomentosum* (Kunth) M.Gómez, *Anales Soc. Esp. Hist. Nat.* 19 (2): 217 (Gómez 1890), “*tomentosa*”. — *Gua-*

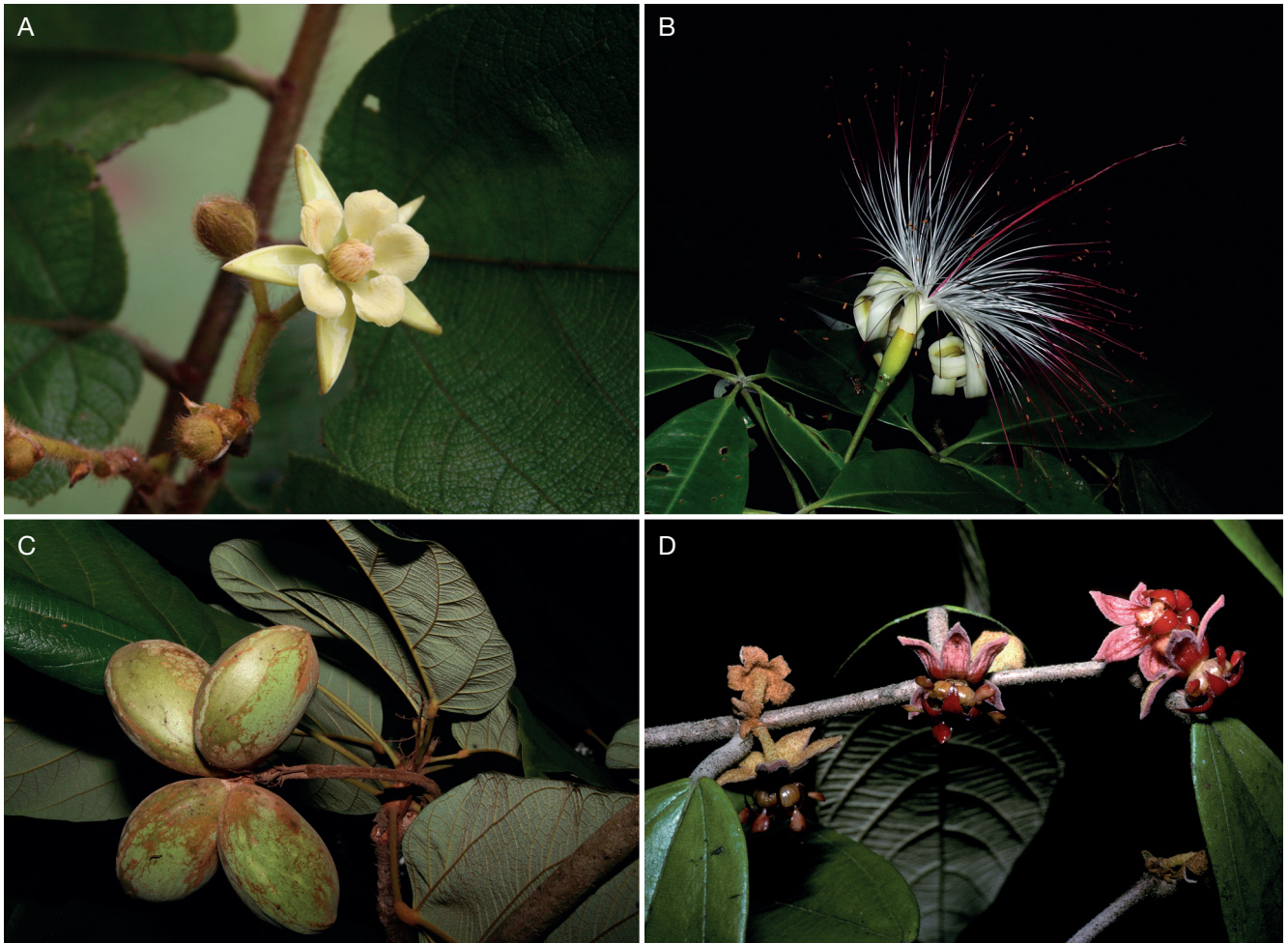


FIG. 35. — Malvaceae: **A**, *Apeiba tibourbou* Aubl.; **B**, *Pachira flaviflora* (Pulle) Fern.Alonso (D. Sabatier & J.-F. Molino 4820); **C**, *Sterculia speciosa* K.Schum. (D. Sabatier & M.-F. Prévost 5421); **D**, *Theobroma guianense* (Aubl.) J.F.Gmel. (D. Sabatier & M.-F. Prévost 2216). A, © J.-F. Molino/IRD; B-D, © D. Sabatier/IRD.

*zuma guazuma* var. *tomentosa* (Kunth) Kuntze, *Revis. Gen. Pl.* 3 (3): 24 [28 Sep. 1898] (Kuntze 1898).

*Guazuma bubroma* Tussac, *Fl. Antill.* 4: 69 (Tussac 1827).

*Guazuma blumei* G.Don, *Gen. Hist.* 1: 523 [early Aug. 1831] (Don 1831), “*Blumii*”.

*Guazuma tomentosa* var. *cumanensis* G.Don, *Gen. Hist.* 1: 523 [early Aug. 1831] (Don 1831).

*Guazuma tomentosa* var. *monpoxensis* G.Don, *Gen. Hist.* 1: 523 [early Aug. 1831] (Don 1831).

*Guazuma utilis* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 72 [23-25 Jan. 1845] (Poeppig 1845).

*Guazuma parvifolia* A.Rich., *Hist. Phys. Cuba, Pl. Vasc.* 190 (Richard 1845).

*Diuroglossum rufescens* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 25 (2): 156 (Turczaninow 1852).

*Guazuma ulmifolia* var. *glabra* K.Schum., *Fl. Bras. [Martius]* 12 (3): 81 [1 Mar. 1886] (Schumann 1886).

*Guazuma ulmifolia* var. *tomentella* K.Schum., *Fl. Bras. [Martius]* 12 (3): 81 [1 Mar. 1886] (Schumann 1886).

*Guazuma ulmifolia* var.  *trianae* K.Schum., *Fl. Bras. [Martius]* 12 (3): 82 [1 Mar. 1886] (Schumann 1886), in obs.

*Guazuma ulmifolia* var. *velutina* K.Schum., *Fl. Bras. [Martius]* 12 (3): 81 [1 Mar. 1886] (Schumann 1886).

*Guazuma coriacea* Rusby, *Bull. New York Bot. Gard.* 4 (14): 332 [7 Dec. 1907] (Rusby 1907).

*Guazuma tomentosa* var. *parvifolia* Kitan., *Fitologiya* 11: 48 (Kitanov 1979).

VERNACULAR NAMES. — Cr: bwa-lòm • Br: cabeça-de-negro, mutamba.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost 165*.

SIZE. — Up to 60 cm dbh (Robyns & Cuatrecasas 1964).

Genus *Huberodendron* Ducke[1015] *Huberodendron swietenoides* (Gleason) Ducke

*Arch. Inst. Biol. Veg.* 2 (1): 72 [Sep. 1935] (Ducke 1935). — *Bernoullia swietenoides* Gleason, *Phytologia* 1 (2): 109 [4 Aug. 1934] (Gleason 1934).

VERNACULAR NAMES. — Pa: waravru-kamwi, waravru-wašiuunu • Nt: awalaime, gaan dyaba udu • Br: munguba-da-mata.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4926*.

INVENTORY DATA (FG). — 7 trees in 4 plots; dbh<sub>inv</sub> = 80 cm.

Genus *Luehea* Willd.[1016] *Luehea speciosa* Willd.

*Ges. Naturf. Freunde Berlin Neue Schriften* 3: 410 (Willdenow 1801), “Lühea”.

*Cedrus alternifolia* Mill., *Gard. Dict.*, ed. 8, n. 3 [16 Apr. 1768] (Miller 1768), “*Alternifolius*”, *nom. rej.* — *Cedrela alternifolia* (Mill.) Steud., *Nomencl. Bot. [Steudel]* 1: 170 (Steudel 1821), *nom. rej.* — *Swietenia alternifolia* (Mill.) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 653 (Steudel 1841), *nom. rej.* — *Luehea alternifolia* (Mill.) Mabb., *Gard. Bull. Singapore* 54 (2): 254 [1 Jan. 2002] (Mabberley 2002), *nom. rej.*

*Apeiba ulmifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 347 [24 Mar. 1823] (Kunth 1823).

*Brotera maritima* Vell., *Fl. Flumin.*: 323 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Luehea ferruginea* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 224 (Turczaninow 1858), “Lühea”.

*Luehea tarapotina* J.F.Macbr., *Candollea* 5: 382 (Macbride 1934).

VERNACULAR NAMES. — Wp: etune, pikau’i • Wn: etuwe • Nt: dyaba udu • Br: açoita-cavalo, ivatingi, mutamba-preta, uaçima-do-campo.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 970*.

INVENTORY DATA (FG). — 16 trees in 2 plots; F<sub>max</sub> = 2.7 %; dbh<sub>inv</sub> = 11.3 cm.

Genus *Lueheopsis* Burret[1017] *Lueheopsis althaeiflora* (Spruce ex Benth.) Burret

*Notizbl. Bot. Gart. Berlin-Dahlem* 9: 840 [22 July 1926] (Burret 1926). — *Luehea althaeiflora* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 58 [May 1861] (Bentham 1861), “*althaeiflora*”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman 2001*.

SIZE. — Colombia, Vaupés. *S. Defler 590* (MO), 45 cm.

[1018] *Lueheopsis rosea* (Ducke) Burret

*Notizbl. Bot. Gart. Berlin-Dahlem* 9: 837 [22 July 1926] (Burret 1926). — *Luehea rosea* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 208 (Ducke 1922).

*Luehea flavescens* Uittien, *Recueil Trav. Bot. Néerl.* 22: 363 [“1925” publ. Jan. 1926] (Uittien 1926). — *Lueheopsis flavescens* (Uittien) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 842 [22 July 1926] (Burret 1926).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: etune, pikau’i • Wn: etuwe.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3219*.

INVENTORY DATA (FG). — 2 trees in 2 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 26.4 cm.

[1019] *Lueheopsis rugosa* (Pulle) Burret

*Notizbl. Bot. Gart. Berlin-Dahlem* 9: 840 [22 July 1926] (Burret 1926). — *Luehea rugosa* Pulle, *Recueil Trav. Bot. Néerl.* 6: 274 (Pulle 1909), “Lühea”.

*Luehea maroniensis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 27: 114 (Benoist 1921).

VERNACULAR NAMES. — Ka: apopano epityi, kusewelan • Wp: etune, pikau’i • Nt: dyaba udu.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4170*.

INVENTORY DATA (FG). — 111 trees in 69 plots; F<sub>max</sub> < 1 %; dbh<sub>inv</sub> = 76.4 cm.

Genus *Matisia* Bonpl.[1020] *Matisia lasiocalyx* K.Schum.

*Fl. Bras. [Martius]* 12 (3): 239 [1 Nov. 1886] (Schumann 1886). — *Quararibea lasiocalyx* (K.Schum.) Vischer, *Bull. Soc. Bot. Genève*, sér. 2, 11: 206 (Vischer 1920).

VERNACULAR NAMES. — Wp: yapu tulu’i, yapu tulu’i sī • Br: inajarana-envira, laranjinha.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *P. Grenand 677*.

SIZE. — Ecuador, Pastaza. *E. Gudiño et al. 1628* (MO), 15 m × 10 cm.

[1021] *Matisia ochrocalyx* K.Schum.

*Fl. Bras. [Martius]* 12 (3): 238 [1 Nov. 1886] (Schumann 1886). — *Quararibea ochrocalyx* (K.Schum.) Vischer, *Bull. Soc. Bot. Genève*, sér. 2, 11: 206 (Vischer 1920).

*Quararibea muricata* Cuatrec., *Bot. Mus. Leaflet* 15 (1): 53 [25 May 1951] (Cuatrecasas 1951). — *Matisia muricata* (Cuatrec.) Cuatrec., *Phytologia* 4 (8): 479 [Jan. 1954] (Cuatrecasas 1954).

*Matisia apaporiensis* Cuatrec., *Bot. Mus. Leaf.* 17 (3): 82 [21 Nov. 1955] (Cuatrecasas 1955). — *Quararibea apaporiensis* (Cuatrec.) A.Robyns & S.Nilsson, *Bull. Jard. Bot. Natl. Belg.* 44 (1-2): 87 (Robyns & Nilsson 1974).

VERNACULAR NAMES. — Pa: ikun-kamwi.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *M.-F. Prévost et al.* 4450.

INVENTORY DATA (FG). — 7 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

### Genus *Pachira* Aubl.

#### [1022] *Pachira aquatica* Aubl.

*Hist. Pl. Guiane* 2: 726 [Jun.-Dec. 1775] (Aublet 1775). — *Bombax aquaticum* (Aubl.) K.Schum., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (6): 62 (Schumann 1890). — *Carolinea princeps* L.f., *Suppl. Pl.*: 314 [“1781” publ. Apr. 1782] (Linnaeus 1782), *nom. illeg. superfl.* (based on *Pachira aquatica*).

*Sophia carolina* L., *Pl. Surin.*: 11 [23 June 1775] (Linnaeus 1775).

*Carolinea macrocarpa* Schlttdl. & Cham., *Linnaea* 6: 423 (Schlechtendal & Chamisso 1831). — *Pachira macrocarpa* (Schlttdl. & Cham.) Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 329 [18-20 Sep. 1842] (Walpers 1842). — *Bombax macrocarpum* (Schlttdl. & Cham.) K.Schum., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (6): 62 (Schumann 1890).

*Pachira aquatica* var. *surinamensis* Decne., *Fl. Serres Jard. Eur.* 23: 46 (Decaisne 1880).

*Pachira pustulifera* Pittier, *Repert. Spec. Nov. Regni Veg.* 13: 315 [5 May 1914] (Pittier 1914).

*Pachira villosula* Pittier, *Repert. Spec. Nov. Regni Veg.* 13: 316 [5 May 1914] (Pittier 1914).

*Bombax rigidifolium* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 127 (Ducke 1925).

*Pachira aquatica* var. *occidentalis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 9 (35): 169 [July 1954] (Cuatrecasas 1954).

VERNACULAR NAMES. — Pa: waravru-kamwi • Ka: mamao, maomao, maumau • Te: dzepapa'i • Wp: māu'i • Wn: akuli tumu, palalagwa • Nt: momow • Cr: kakao-larivyé, kakao-sovaj • Fr: cacao rivièrè • Br: mamão-rana, mamorana, munguba-rana.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000645671]).

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30$  cm.

#### [1023] *Pachira dolichocalyx* A.Robyns

*Bull. Jard. Bot. Natl. Belg.* 58 (3-4): 535 (Robyns 1988).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: momow.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost* 840 (holo-, P[P00077210]; iso-, P[P00077211, P05273658], U[U0000784, U0000785]).

INVENTORY DATA (FG). — 132 trees in 28 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 49.3$  cm.

#### [1024] *Pachira flaviflora* (Pulle) Fern.Alonso (Fig. 35B)

*Anales Jard. Bot. Madrid* 56 (2): 310 (Fernández Alonso 1998). — *Bombax flaviflorum* Pulle, *Recueil Trav. Bot. Néerl.* 9: 150 (Pulle 1912). — *Rhodognaphalopsis flaviflora* (Pulle) A.Robyns, *Bull. Jard. Bot. État Bruxelles* 33 (2): 285 (Robyns 1963). — *Pochota flaviflora* (Pulle) Steyermark & W.D.Stevens, *Ann. Missouri Bot. Gard.* 75 (1): 397 [31 May 1988] (Steyermark & Stevens 1988).

VERNACULAR NAMES. — Ka: kilikili maululu.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 4820.

INVENTORY DATA (FG). — 168 trees in 19 plots;  $F_{\max} = 5.1\%$ ;  $dbh_{\text{inv}} = 32$  cm.

#### [1025] *Pachira insignis* (Sw.) Sw. ex Savigny

*Encycl. [J. Lamarck et al.]* 4 (2): 690 [1 Nov. 1798] (Savigny 1798). — *Carolinea insignis* Sw., *Prodr. [Swartz]* 101 [20 Jun.-29 July 1788] (Swartz 1788).

*Pachira spruceana* Decne., *Fl. Serres Jard. Eur.* 23: 46 (Decaisne 1880).

*Bombax spruceanum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 126 (Ducke 1925).

NOTE. — *Bombax spruceanum* Ducke is not based on *P. spruceana* Decne.

VERNACULAR NAMES. — Te: dzepapa'i • Wn: nukunuku • Nt: momow.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2378.

INVENTORY DATA (FG). — 7 tree in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46$  cm.

#### [1026] *Pachira macrocalyx* (Ducke) Fern.Alonso

*Anales Jard. Bot. Madrid* 56 (2): 310 (Fernández Alonso 1998). — *Bombax macrocalyx* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 124 (Ducke 1925). — *Bombacopsis macrocalyx* (Ducke) A.Robyns, *Bull. Jard. Bot. État Bruxelles* 33 (2): 203 (Robyns 1963).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25303.

SIZE. — Up to 15 cm dbh (Esteves 2005).

### Genus *Pseudobombax* Dugand

#### [1027] *Pseudobombax munguba* (Mart.) Dugand

*Mutisia* 9: 4 (Dugand 1952). — *Bombax munguba* Mart., *Nova genera et species plantarum [Martius]* 1 (4): 93 [“1824” publ. Jan.-Mar. 1826] (Martius 1826).

*Pseudobombax amapaense* A.Robyns, *Mem. New York Bot. Gard.* 17 (1): 195 (Robyns 1967).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: môngi • Wn: êhpaime • Br: munguba.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *P. Grenand 701*.

SIZE. — Brazil, Amazonas. *G.T. Prance 13371* (MO), 10 m × 40 cm.

### Genus *Quararibea* Aubl.

#### [1028] *Quararibea duckei* Huber

*Bull. Soc. Bot. Genève*, sér. 2, 6: 186 [“1914” publ. 1915] (Huber 1915).

VERNACULAR NAMES. — Wp: yapu tulu'i • Wn: meikolo tamit • Nt: baaka kiikii • Cr: bwa-jelé, bwa-lélé • Br: inajarana.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2610*.

INVENTORY DATA (FG). — 421 trees in 40 plots;  $F_{\max} = 16.1\%$ ;  $dbh_{\text{inv}} = 28.6$  cm.

#### [1029] *Quararibea guianensis* Aubl.

*Hist. Pl. Guiane* 2: 692 [Jun.-Dec. 1775] (Aublet 1775).

*Quararibea machin* J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3A.2): 618 (Macbride 1956).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kuuku-ariut-kamwi • Ka: apesulu, maipyuli epu • Wp: yapu tulu'i, yapu tulu'i si • Nt: kiikii tiki, weti kiikii • Cr: bwa-jelé, bwa-lélé • Br: envira-sapotinha.

HERBARIUM DATA (FG). — 69 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material G[G00226718]).

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.5$  cm.

#### [1030] *Quararibea spatulata* Ducke

*Trop. Woods* 76: 20 (Ducke 1943).

NOTE. — Four specimens identified at CAY as *Q. amazonica* Ulbr. belong here.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *S.A. Mori 22252*.

INVENTORY DATA (FG). — 25 trees in 8 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 36.9$  cm.

### Genus *Sterculia* L.

#### [1031] *Sterculia frondosa* Rich.

*Actes Soc. Hist. Nat. Paris* 1: 111 [Oct. 1792] (Richard 1792). — *Clompanus frondosa* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 78 [5 Nov. 1891] (Kuntze 1891).

*Sterculia glabrifolia* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 1148 [25 Mar. 1927] (Mildbraed 1927).

*Sterculia roseiflora* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 58 [Sep. 1935] (Ducke 1935).

VERNACULAR NAMES. — Pa: waravru-ahavukune, yit-itaibi-ahavukune • Wp: iwi si • Cr: bwa-kalou, mao-kochon • Br: axixá.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (type, not traced); *M.-F. Prévost 2071*.

INVENTORY DATA (FG). — 48 trees in 33 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 61.8$  cm.

#### [1032] *Sterculia kayae* P.E. Berry

*Fl. Venez. Guayana* 9: 266 [5 Oct. 2005] (Berry 2005). — *Sterculia pruriens* var. *parviflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 130 (Ducke 1925). — *Sterculia parviflora* (Ducke) E.L. Taylor ex Brako & Zarucchi, *Monogr. Syst. Bot. Missouri Bot. Gard.* 45: 1259 [1 Oct. 1993] (Brako & Zarucchi 1993), *nom. illeg. hom., non* Roxb. ex G. Don (Don 1831).

VERNACULAR NAMES. — Pa: yit-gataibi, yit-itaibi • Wp: iwi si • Cr: bwa-kalou, mao-kochon.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 944*.

INVENTORY DATA (FG). — 86 trees in 41 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 106$  cm.

#### [1033] *Sterculia multiovula* E.L. Taylor ex Mondragón

*Bol. Centro Invest. Biol. Univ. Zulia* 40 (2): 169 (Mondragón 2006).

NOTE. — First invalidly published by E.L. Taylor (1989: 110).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori et al. 26565*.

INVENTORY DATA (FG). — 12 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.7$  cm.

#### [1034] *Sterculia pruriens* (Aubl.) K. Schum.

*Fl. Bras. [Martius]* 12 (3): 8 [1 Mar. 1886] (Schumann 1886). — *Ivira pruriens* Aubl., *Hist. Pl. Guiane* 2: 695 [Jun.-Dec. 1775] (Aublet 1775), “*Ivira Pruriens*” on plate. — *Sterculia ivira* Sw., *Prodr. [Swartz]*: 98 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Ivira pruriens*). — *Clompanus pruriens* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 78 [5 Nov. 1891] (Kuntze 1891).

*Sterculia pruriens* var. *grandiflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 130 (Ducke 1925).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: kilikili maululu, maipyuli omoseli • Te: tapi'it lupabi • Wp: iwi si • Wn: ewa • Nt: kobe • Cr: bwa-kalou, mao-kochon • Fr: mahot cochon • Br: axixá, castanha-de-piriquito, tacacazeiro.



HERBARIUM DATA (FG). — 67 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000645788], LINN[LINN-HS 1498.15]); *D. Sabatier & M.-F. Prévost 3015*.

INVENTORY DATA (FG). — 506 trees in 163 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 160.1$  cm.

[1035] *Sterculia speciosa* K.Schum.  
(Fig. 35C)

*Fl. Bras. [Martius] 12 (3): 7 [1 Mar. 1886] (Schumann 1886). — Clompanus speciosa (K.Schum.) Kuntze, Revis. Gen. Pl. 1: 78 [5 Nov. 1891] (Kuntze 1891).*

*Sterculia pilosa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 212 (Ducke 1922). — *Xylosterculia pilosa* (Ducke) Kosterm., *Bot. Tidsskr.* 67 (4): 317 (Kostermans 1973).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: yit-gataibi, yit-itaibi, yit-itaibi-purubumna • Wp: tapilupami • Nt: kobe • Cr: mao-kochon • Fr: mahot cochon • Br: axixá, capoteiro, tacacazeiro.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 5421*.

INVENTORY DATA (FG). — 191 trees in 100 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 74.8$  cm.

[1036] *Sterculia villifera* Steud.

*Flora* 26 (45): 755 [17 Dec. 1843] (Steudel 1843).

*Sterculia surinamensis* R.Br., *Pl. Jav. Rar. [Bennett] 3: 229 [Nov. 1844] (Brown 1844).*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kilikili amoti, maipyuli italali, patulapo • Wp: iwi sī, tapilupami • Cr: bwa-kalou, mao-kochon • Fr: mahot cochon • Br: axixá, tacacazeiro.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2437*.

INVENTORY DATA (FG). — 31 trees in 12 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 78.5$  cm.

Genus *Talipariti* Fryxell

[1037] *Talipariti tiliaceum* (L.) Fryxell  
var. *pernambucense* (Arruda) Fryxell

*Contr. Univ. Michigan Herb.* 23: 262 (Fryxell 2001). — *Hibiscus pernambucensis* Arruda, *Diss. Pl. Brazil*: 44 (Arruda 1810). — *Paritium pernambucense* (Arruda) G.Don, *Gen. Hist.* 1: 485 [early Aug. 1831] (Don 1831). — *Hibiscus tiliaceus* L. subsp. *pernambucensis* (Arruda) A.Cast., *Sellowia* 19: 50 (Castellanos 1967). — *Hibiscus tiliaceus* var. *pernambucensis* (Arruda) I.M.Johnst., *Sargentia* 8: 196 (Johnston 1949). — *Talipariti pernambucense* (Arruda) Bovini, *Rodriguésia* 61 (Sup.): S20 (Bovini 2010).

*Hibiscus bracteosus* DC., *Prodr. [A. P. de Candolle] 1: 455 [mid Jan. 1824] (Candolle 1824).*

*Hibiscus arboreus* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]: 49 [Oct. 1825] (Hamilton 1825).*

*Hibiscus fragrantissimus* Sessé & Moc., *Pl. Nov. Hisp.*: 113 (Sessé & Mociño 1889).

*Pariti tiliaceum* (L.) A.St.-Hil. f. *immaculatum* O.Deg. & Greenwell, *Fl. Hawaii.*: Fam. 221 (Degener & Greenwell 1956). — *Hibiscus tiliaceus* f. *immaculatus* (O.Deg. & Greenwell) H.St.John, *Mem. Pacific Trop. Bot. Gard.* 1: 230 (St.John 1973).

NOTE. — A species restricted to wet savannas.

VERNACULAR NAMES. — Pa: imavui-kamwi • Ka: waiyen, waye • Wp: uluku lá • Cr: bwa-mao • Br: algodão-do-brejo, envira-do-mangue.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *F. Bilet 1286*.

SIZE. — Costa Rica. *R. Aguilar 2961* (MO), 7 m × 10 cm.

Genus *Theobroma* L.

[1038] *Theobroma cacao* L.

*Sp. Pl.* 2: 782 [1 May 1753] (Linnaeus 1753). — *Cacao sativa* Aubl., *Hist. Pl. Guiane* 2: 689 [Jun.-Dec. 1775] (Aublet 1775), *nom. illeg. superfl.* (based on *Theobroma cacao*). — *Cacao sativa* Lam., *Encycl. [J. Lamarck et al.] 1 (2): 533 [1 Aug. 1785] (Lamarck 1785), isonym. et nom. illeg. superfl.* (based on *Theobroma cacao*). — *Cacao theobroma* Tussac, *Fl. Antill.* 1: 101 (Tussac 1808), *nom. illeg. superfl.* (based on *Theobroma cacao*). — *Theobroma sativum* Lign. & Le Bey, *Bull. Soc. Linn. Normandie, sér. 5, 8: 233 [15 Oct. 1905] (Lignier & Le Bey 1905), "sativa", nom. inval.* (based on the illegitimate *Cacao sativa* Aubl.). — *Theobroma cacao* subsp. *sativum* Léon, *Cacao Manual [F. Hardy]: 312 (Léon 1960), nom. inval.* (based on the illegitimate *Cacao sativa*).

*Cacao minus* Gaertn., *Fruct. Sem. Pl.* 2: 190 [Apr.-May 1791] (Gaertner 1791). — *Theobroma minus* (Gaertn.) A.Chev., *Rev. Bot. Appl. Agric. Trop.* 26 (285): 283 (Chevalier 1946).

*Theobroma integerrimum* Stokes, *Bot. Mat. Med.* 4: 83 (Stokes 1812), "*integerrima*".

*Theobroma caribaeum* Sweet, *Hort. Brit. [Sweet], ed. 2, 67 (Sweet 1830), "caribaea", nom. nud.*

*Theobroma leiocarpum* Bernoulli, *Uebersicht Theobroma* 6 (Bernoulli 1869), "*leiocarpa*". — *Theobroma cacao* var. *leiocarpum* (Bernoulli) Cif., *Mem. Cl. Sci. Fis. Mat. Nat. Reale Accad. Italia* 4: 604 (Ciferri 1933), "*leiocarpa*". — *Theobroma cacao* f. *leiocarpum* (Bernoulli) Ducke, *Rodriguésia* 4 (13): 274 (Ducke 1940). — *Theobroma cacao* subsp. *leiocarpum* (Bernoulli) Cuatrec., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3A.2): 654 (Cuatrecasas 1956).

*Theobroma pentagonum* Bernoulli, *Uebersicht Theobroma* 6 (Bernoulli 1869), "*pentagona*". — *Theobroma cacao* f. *pentagonum* (Bernoulli) Ducke, *Rodriguésia* 4 (13): 274 (Ducke 1940). — *Theobroma cacao* subsp. *pentagonum* (Bernoulli) Léon, *Cacao Manual [F. Hardy]: 312 (Léon 1960), "pentagona".*

*Theobroma saltzmanianum* Bernoulli, *Uebersicht Theobroma* 7 (Bernoulli 1869), "*Saltzmaniana*".

*Theobroma kalagua* De Wild., *Bull. Herb. Boissier* 7: 957 (De Wildeman 1899).

*Theobroma sphaerocarpum* A.Chev., *Vég. Ut. Afr. Trop. Franç.* 4: 12 (Chevalier 1908), “*sphaerocarpa*”. — *Theobroma cacao* subsp. *sphaerocarpum* (A.Chev.) Cuatrec., *Contr. U.S. Natl. Herb.* 35 (6): 515 [21 Aug. 1964] (Cuatrecasas 1964).

*Theobroma sapidum* Pittier, *Bol. Soc. Venez. Ci. Nat.* 1: 183 (Pittier 1932), *nom. nud.*

*Theobroma cacao* var. *typicum* Cif., *Mem. Cl. Sci. Fis. Mat. Nat. Reale Accad. Italia* 4: 604 (Ciferri 1933), “*typica*”, *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Theobroma sativum* var. *leucospermum* A.Chev., *Rev. Bot. Appl. Agric. Trop.* 26 (285): 270, 272 (Chevalier 1946), “*leucosperma*”.

*Theobroma sativum* var. *melanospermum* A.Chev., *Rev. Bot. Appl. Agric. Trop.* 26 (285): 270, 272 (Chevalier 1946), “*melanosperma*”.

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), and semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). Probably introduced to French Guiana by pre-Columbian Amerindians. It is now naturalised on or near archaeological sites in southern French Guiana.

VERNACULAR NAMES. — Pa: waravru • Ka: kakao • Te: akau • Wp: walapulu • Wn: walapulu • Nt: kakaw • Cr: kakao • Fr: cacaoyer • Br: cacau.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P. Grenad 1044*.

INVENTORY DATA (FG). — 32 trees in 2 plots;  $F_{\max} = 3.9\%$ ;  $dbh_{\text{inv}} = 23.2$  cm.

[1039] *Theobroma guianense* (Aubl.) J.F.Gmel.  
(Fig. 35D)

*Syst. Nat.*, ed. 13[bis], 2 (2): 1151 [“1791” publ. late Apr.-Oct. 1792] (Gmelin 1792), “*guianensis*”. — *Cacao guianensis* Aubl., *Hist. Pl. Guiane* 2: 683 [Jun.-Dec. 1775] (Aublet 1775), “*Guyanensis*” on plate.

*Cacao sylvestris* Aubl., *Hist. Pl. Guiane* 2: 687 [Jun.-Dec. 1775] (Aublet 1775). — *Theobroma sylvestre* (Aubl.) Mart., *Repert. Pharm. [J.A. Buchner]* 35: 24 (Martius 1830), “*sylvestris*”.

*Theobroma subincanum* Mart., *Repert. Pharm. [J.A. Buchner]* 35: 23 (Martius 1830).

*Theobroma ferrugineum* Bernoulli, *Uebersicht Theobroma*: 13 (Bernoulli 1869).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020, as *T. subincanum* Mart.) Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017, as *T. subincanum*). *Cacao guianensis* Aubl. is the oldest name for this taxon, thus *T. guianense* has priority over *T. subincanum*. Contrary to Cuatrecasas’ statement (Cuatrecasas, 1964: 391, 564), Martius was the first to make the new combination *Theobroma sylvestre* (Aubl.) Mart., before D. Don (1831).

VERNACULAR NAMES. — Pa: kupuh-ahavukune, kupuh-kamwi, waravru-ahavukune • Wp: kapi’i • Nt: busi kakaw, supun udu • Cr: koupou-asou-sovaj • Fr: cupuaçu sauvage • Br: busi momow, cupuaí, cupuí.

HERBARIUM DATA (FG). — 72 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000522439]).

INVENTORY DATA (FG). — 457 trees in 130 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 38.7$  cm.

[1040] *Theobroma velutinum* Benoist

*Bull. Mus. Natl. Hist. Nat.* 27: 113 (Benoist 1921).

*Herrania guianensis* Sagot ex K.Schum., *Fl. Bras. [Martius]* 12 (3): 75 [1 Mar. 1886] (Schumann 1886), *nom. nud. pro syn.*

VERNACULAR NAMES. — Te: akau pepen • Wp: aka’i • Wn: akuli tumu • Nt: busi kakaw • Cr: kakao-gran-bwa • Br: cacaui, cacaarana.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *R. Benoist 516* (type, not traced); *D. Sabatier & M.-F. Prévost 4403*.

INVENTORY DATA (FG). — 28 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.7$  cm.

Family MELASTOMATACEAE Juss.

Genus *Bellucia* Neck. ex Raf.

[1041] *Bellucia arborescens* (Aubl.) Baill.  
(Fig. 36A)

*Hist. Pl. [Baillon]* 7: 34 [Dec. 1877] (Baillon 1877). — *Melastoma arborescens* Aubl., *Hist. Pl. Guiane* 1: 420 [Jun.-Dec. 1775] (Aublet 1775). — *Loreya arborescens* (Aubl.) DC., *Prodr. [A. P. de Candolle]* 3: 179 [mid Mar. 1828] (Candolle 1828). — *Oxisma arborescens* (Aubl.) Raf., *Sylvia Tellur.*: 94 (Rafinesque 1838).

*Loreya acutifolia* O.Berg ex Triana, *Trans. Linn. Soc. London* 28 (1): 142 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

*Loreya maguirei* Wurdack, *Phytologia* 18 (3): 160 [27 Mar. 1969] (Wurdack 1969).

VERNACULAR NAMES. — Pa: kudumig-seine • Nt: lebi musupu • Cr: bwa-mél.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN, LINN-HS 782.15).

INVENTORY DATA (FG). — 72 trees in 46 plots;  $F_{\max} = 6.7\%$ ;  $dbh_{\text{inv}} = 73.5$  cm.

[1042] *Bellucia egensis* (DC.)

Penneys, Michelang., Judd & Almeda

*Syst. Bot.* 35 (4): 796 [1 Oct. 2010] (Penneys *et al.* 2010). — *Myriaspora egensis* DC., *Prodr. [A. P. de Candolle]* 3: 165 [mid Mar. 1828] (Candolle 1828).

*Myriaspora paulensis* DC., *Prodr. [A. P. de Candolle]* 3: 165 [mid Mar. 1828] (Candolle 1828). — *Melastoma paulense* Schrank ex DC., *Prodr. [A. P. de Candolle]* 3: 165 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Melastoma egense* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 165 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Myriaspora surinamensis* Steud., *Flora* 27: 722 (Steudel 1844).

*Myriaspora decipiens* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 101 (Naudin 1851).

*Myriaspora integrifolia* Steud. ex Triana, *Trans. Linn. Soc. London* 28 (1): 145 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872), *nom. nud. pro syn.*

VERNACULAR NAMES. — Pa: kudumig-kamwi • Wp: imi’i, umi’i • Nt: mabee sii.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *P. Grenand* 756, “Petit arbre 10-15 m”.

[1043] *Bellucia grossularioides* (L.) Triana

*Trans. Linn. Soc. London* 28 (1): 141 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Melastoma grossularioides* L., *Sp. Pl.* 1: 390 [1 May 1753] (Linnaeus 1753).

*Blakea quinquenervia* Aubl., *Hist. Pl. Guiane* 1: 525 [Jun.-Dec. 1775] (Aublet 1775). — *Blakea triplinervia* L.f., *Suppl. Pl.*: 246 [“1781” publ. Apr. 1782] (Linnaeus 1782), *nom. illeg. superfl.* (based on *Blakea quinquenervia*). — *Webera quinquenervia* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 820 [late Sep.-Nov. 1791] (Gmelin 1791). — *Apatitia blakeoides* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 42 [Oct. 1825] (Hamilton 1825), *nom. illeg. superfl.* (based on *Blakea quinquenervia*). — *Bellucia nervosa* Raf., *Sylva Tellur.*: 93 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Blakea triplinervia* and *B. quinquenervia*). — *Bellucia aubletii* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 102 (Naudin 1851), *nom. illeg. superfl.* (based on *Blakea quinquenervia*). — *Bellucia quinquenervia* (Aubl.) H.Karst., *Linnaea* 30: 159 (Karsten 1859).

*Blakea macrophylla* D.Don, *Mem. Wern. Nat. Hist. Soc.* 4: 326 [May 1823] (Don 1823). — *Bellucia macrophylla* (D.Don) Triana, *Trans. Linn. Soc. London* 28 (1): 142 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

*Bellucia hostmannii* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 103 (Naudin 1851).

*Ischyranthera laevigata* Steud. ex Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 103 (Naudin 1851), *nom. nud. pro syn.*

*Bellucia brasiliensis* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 104 (Naudin 1851).

*Bellucia superba* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 104 (Naudin 1851).

*Bellucia multiflora* H.Karst., *Linnaea* 30: 158 (Karsten 1859).

*Bellucia circumscissa* Spruce ex Cogn., *Fl. Bras. [Martius]* 14 (4): 515 [15 Aug. 1888] (Cogniaux 1888).

VERNACULAR NAMES. — Pa: asaki • Ka: asakali, mainyapo • Te: put-sulu • Wp: pisulu • Wn: puhu • Nt: baaka musupu • Cr: bwa-mèl, grènn-mèl, mésoupou • Fr: graine merle, néflier • Br: araçá-de-anta, goiaba-de-anta, mandapuça.

HERBARIUM DATA (FG). — 79 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Blakea quinquenervia*: BM[BM001008261], LINN[LINN-HS 853.1]).

INVENTORY DATA (FG). — 13 trees in 10 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 39.2$  cm.

[1044] *Bellucia mespiloides* (Miq.) J.F.Macbr.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (4.1): 498 (Macbride 1941). — *Loreya mespiloides* Miq., *Linnaea* 18: 619 [“1844” publ. prob. Aug. 1845] (Miquel 1845).

*Henriettea brunnescens* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 247 [24 Oct. 1929] (Standley 1929). — *Loreya brunnescens* (Standl.) Gleason, *Phytologia* 3 (7): 346 [18 Dec. 1950] (Gleason 1950).

VERNACULAR NAMES. — Ka: pakila potay, pakila wesopotali • Wp: imi’i, umi’i • Nt: musupu.

HERBARIUM DATA (FG). — 53 collections at CAY. Sel. exs.: *M.-F. Prévost* 4014.

INVENTORY DATA (FG). — 1 tree, dbh = 13.1 cm.

[1045] *Bellucia subrotundifolia* Wurdack

*Phytologia* 45 (4): 331 [Apr. 1980] (Wurdack 1980). — *Loreya subrotundifolia* (Wurdack) S.S.Renner, *Mem. New York Bot. Gard.* 50: 46 (Renner 1989).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: musupu.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *B.H.J. de Jong* 2 (holo-, WAG[WAG0002329]; iso-, US[00123663]).

SIZE. — Up to 15 m tall (Renner 1989).

Genus *Henriettea* DC.

[1046] *Henriettea duckeana* (Hoehne) Penneys, Michelang., Judd & Almeda

*Syst. Bot.* 35 (4): 797 [1 Oct. 2010] (Penneys *et al.* 2010). — *Henriettea duckeana* Hoehne, *Anexos Mem. Inst. Butantan, Secc. Bot.* 1 (5): 170 (Hoehne 1922).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost* 1910.

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1047] *Henriettea flavescens* (Aubl.) Baill.

*Hist. Pl. [Baillon]* 7: 34 [Dec. 1877] (Baillon 1877). — *Melastoma flavescens* Aubl., *Hist. Pl. Guiane* 1: 423 [Jun.-Dec. 1775] (Aublet 1775). — *Ossaea flavescens* (Aubl.) DC., *Prodr. [A. P. de Candolle]* 3: 169 [mid Mar. 1828] (Candolle 1828). — *Loreya flavescens* (Aubl.) Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 110 [Aug. 1852] (Naudin 1852). — *Henriettea flavescens* (Aubl.) Triana, *Trans. Linn. Soc. London* 28 (1): 143 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

HERBARIUM DATA (FG). — 54 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM001008254], LINN[LINN-HS 782.23]).

INVENTORY DATA (FG). — 53 trees in 29 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.6$  cm.

[1048] *Henriettea maroniensis* Sagot

*Ann. Sci. Nat., Bot.* sér. 6, 15: 330 (Sagot 1883).

VERNACULAR NAMES. — Pa: arakeu-seine, arateu-seine.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P01818703]; iso-, BR[BR0000005185344], K[K000537032, K000537033], P[P01818704, P01818705]).

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10.3$  cm.

[1049] *Henriettea multiflora* Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 18: 105 [Aug. 1852] (Naudin 1852).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kudumig-kamwi • Ka: nana polan, pakila yuyulu.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-P. Lescure 816*.

SIZE. — Up to 16 m tall (Wurdack *et al.* 1993).

[1050] *Henriettea patrisiana* DC.

*Prodr. [A. P. de Candolle] 3: 178* [mid Mar. 1828] (Candolle 1828). — *Henriettea patrisiana* (DC.) Naudin, *Ann. Sci. Nat., Bot.*, sér. 3, 18: 107 [Aug. 1852] (Naudin 1852).

*Henriettea parviflora* Griseb., *Cat. Pl. Cub. [Grisebach] 95* [May-Aug. 1866] (Grisebach 1866). — *Henriettea parviflora* (Griseb.) Triana, *Trans. Linn. Soc. London* 28 (1): 143 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

*Henriettea williamii* Brade, *Publ. Inst. Nac. Pesq. Amaz., Bot.* 8: 17 (Brade 1958).

VERNACULAR NAMES. — Wp: takalawelu lá.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P. Grenand 1510*.

SIZE. — Brasil, Roraima. *J.A. Ratter et al. 5672* (MO), 8 m × 11 cm.

[1051] *Henriettea ramiflora* (Sw.) DC.

*Prodr. [A. P. de Candolle] 3: 178* [mid Mar. 1828] (Candolle 1828). — *Melastoma ramiflorum* Sw., *Prodr. [Swartz]: 69* [20 Jun.-29 July 1788] (Swartz 1788), “*ramiflora*”. — *Henriettea ramiflora* (Sw.) Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 106 [Aug. 1852] (Naudin 1852).

*Henriettea surinamensis* Miq., *Stirp. Surinam. Select.*: 45 [“1850” publ. Mar. 1851] (Miquel 1851).

*Henriettea trinervia* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 105 [Aug. 1852] (Naudin 1852).

*Henriettea succosa* var. *guianensis* Gleason, *Bull. Misc. Inform. Kew* 1939 (10): 551 [“1939” publ. 6 Jan. 1940] (Gleason 1940).

VERNACULAR NAMES. — Pa: arakeu, arakeu-seine, arateu, arateu-seine • Ka: akuli wesepotapili, kapuwa nana.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier 1249*.

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15$  cm.

[1052] *Henriettea stellaris* O.Berg ex Triana

*Trans. Linn. Soc. London* 28 (1): 145 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

VERNACULAR NAMES. — Wn: sihkëimë • Nt: mabee sii.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *H. de Foresta 490*.

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1053] *Henriettea succosa* (Aubl.) DC.

*Prodr. [A. P. de Candolle] 3: 178* [mid Mar. 1828] (Candolle 1828). — *Melastoma succosum* Aubl., *Hist. Pl. Guiane* 1: 418 [Jun.-Dec. 1775] (Aublet 1775), “*succosa*”.

*Henriettea brasiliensis* Casar., *Nov. Stirp. Bras.* 10: 85 [Sep. 1845] (Casaretto 1845).

VERNACULAR NAMES. — Pa: kudumig-duwë • Ka: pakila yuyulu • Wp: takalawelu • Nt: mabee sii • Cr: kaka-enriët • Br: muiva.

HERBARIUM DATA (FG). — 83 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM001008259, BM001008260]).

INVENTORY DATA (FG). — 13 trees in 2 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 16.1$  cm.

Genus *Miconia* Ruiz & Pav.[1054] *Miconia acuminata* (Steud.) Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 16: 244 (Naudin 1851). — *Conostegia acuminata* Steud., *Flora* 27: 722 (Steudel 1844).

*Miconia axilliflora* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 179 (Naudin 1851). — *Acinodendron axilliflorum* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 949 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

VERNACULAR NAMES. — Nt: musupu • Br: buxixu.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2894*.

INVENTORY DATA (FG). — 62 trees in 23 plots;  $F_{\max} = 12\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

[1055] *Miconia affinis* DC.

*Prodr. [A. P. de Candolle] 3: 187* [mid Mar. 1828] (Candolle 1828). — *Acinodendron affine* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

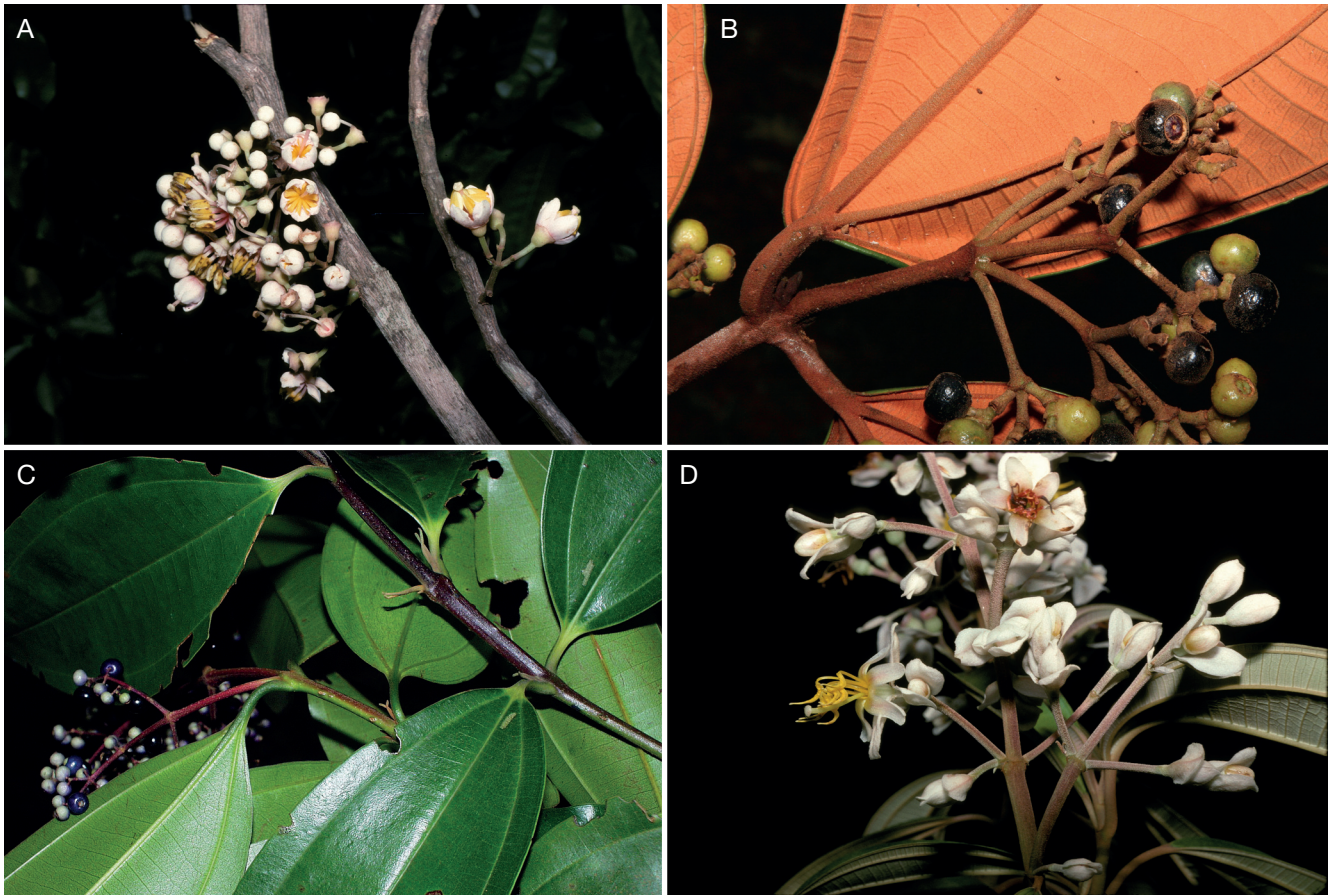


FIG. 36. — Melastomataceae: **A**, *Bellucia arborescens* (Aubl.) Baill. (D. Sabatier 1424); **B**, *Miconia holosericea* (L.) DC. (M.-F. Prévost & D. Sabatier 4928); **C**, *Miconia minutiflora* (Bonpl.) DC. (D. Sabatier *et al.* 4807); **D**, *Miconia mirabilis* (Aubl.) L.O.Williams (D. Sabatier & M.-F. Prévost 3788). © D. Sabatier/IRD.

*Miconia microcarpa* DC., *Prodr.* [A. P. de Candolle] 3: 189 [mid Mar. 1828] (Candolle 1828). — *Acinodendron microcarpum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia cecidophora* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 166 (Naudin 1851). — *Acinodendron cecidophorum* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia planinervia* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 160 (Naudin 1851). — *Acinodendron planinerve* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia pusilliflora* Beurl., *Kongl. Vetensk.-Akad. Handl.* 40: 130 [“1854” publ. 1856] (Beurling 1856), *nom. illeg. hom., non* (DC.) Naudin (1850).

*Miconia beurlingii* Triana, *Trans. Linn. Soc. London* 28 (1): 107 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron beurlingii* (Triana) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia cayumbensis* Gleason, *Bull. Torrey Bot. Club* 66 (6): 416 [June 1939] (Gleason 1939).

VERNACULAR NAMES. — Pa: arakeu, arateu • Wp: siki lá • Br: casquinho.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: P.A. Poiteau *s.n.* (holo-, G[G00191194]; iso-, B[not seen, photo F neg. N° 17002], G-DC[G00201734], K[K000536012]).

INVENTORY DATA (FG). — 21 trees in 9 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[1056] *Miconia amacurensis* Wurdack

*Acta Bot. Venez.* 2: 373 (Wurdack 1967).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: P.A. Sagot 987, Nov. 1856 (P[P05206288]).

SIZE. — Up to 16 m tall (Wurdack *et al.* 1993).

[1057] *Miconia ampla* Triana

*Trans. Linn. Soc. London* 28 (1): 101 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron amplum* (Triana) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891).

*Miconia involucrata* Donn.Sm., *Bot. Gaz.* 37 (3): 209 [18 Mar. 1904] (Donnell Smith 1904).

*Miconia megaphylla* Gleason, *Bull. Torrey Bot. Club* 59 (6): 363 [June 1932] (Gleason 1932).

VERNACULAR NAMES. — Wp: taĩwĩ lenipiá, takalawelu sówĩ.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: R.A.A. Oldeman T-763.

SIZE. — Venezuela, Bolívar. R.L. Liesner & B.K. Holst 18851 (MO), 20 m.

[1058] *Miconia argyrophylla* DC.

*Prodr. [A. P. de Candolle]* 3: 181 [mid Mar. 1828] (Candolle 1828). — *Melastoma argyrophyllum* Schrank & Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 181 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Acinodendron argyrophyllum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia longistyla* Steud., *Flora* 27: 724 (Steudel 1844).

*Miconia argyrophylla* var. *attenuata* Cogn., *Fl. Bras. [Martius]* 14 (4): 296 [1 Nov. 1887] (Cogniaux 1887).

*Miconia argyrophylla* subsp. *gracilis* Wurdack, *Mem. New York Bot. Gard.* 10 (4): 37 (Wurdack 1961).

HERBARIUM DATA (FG). — 59 collections at CAY. Sel. exs.: *M.-F. Prévost* 3127.

INVENTORY DATA (FG). — 1 tree, dbh = 16.6 cm.

[1059] *Miconia chrysophylla* (Rich.) Urb.

*Symb. Antill. [Urban]* 4 (3): 459 [15 May 1910] (Urban 1910). — *Melastoma chrysophyllum* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), “*Chrysophylla*”. — *Acinodendron chrysophylla* (Rich.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”. — *Melastoma fulvum* Rich., *Monogr. Melast.* 1 (5): 23 [July 1807] (Richard 1807), “*fulva*”, *nom. illeg. superfl.* (based on *Melastoma chrysophyllum*).

*Miconia fulva* DC., *Prodr. [A. P. de Candolle]* 3: 180 [mid Mar. 1828] (Candolle 1828).

*Miconia fulva* var. *tinctoria* DC., *Prodr. [A. P. de Candolle]* 3: 180 [mid Mar. 1828] (Candolle 1828).

*Miconia longifolia* (Aubl.) DC. var. *aubletiana* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 157 (Naudin 1851). — *Miconia fulva* var. *aubletiana* (Naudin) Cogn., *Fl. Bras. [Martius]* 14 (4): 389 [1 Nov. 1887] (Cogniaux 1887).

*Miconia fulva* var. *angustifolia* Cogn., *Fl. Bras. [Martius]* 14 (4): 389 [1 Nov. 1887] (Cogniaux 1887).

*Miconia fulva* var. *poepigii* Cogn., *Fl. Bras. [Martius]* 14 (4): 389 [1 Nov. 1887] (Cogniaux 1887).

NOTE. — *Miconia fulva* is based on the illegitimate *Melastoma fulvum*, thus not “(Rich.) DC.”

VERNACULAR NAMES. — Wp: siki • Nt: nyama suwi.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *J.B. Leblond* 100 (type G[G00353804]).

INVENTORY DATA (FG). — 3 trees in 2 plots; dbh<sub>inv</sub> = 15.8 cm.

[1060] *Miconia dispar* Benth.

*Hooker's J. Bot. Kew Gard. Misc.* 2: 241 (Bentham 1850). — *Acinodendron dispar* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 2673.

INVENTORY DATA (FG). — 1 tree, dbh = 11.4 cm.

[1061] *Miconia egensis* Cogn.

*Fl. Bras. [Martius]* 14 (4): 374 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron egense* (Cogn.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia panicularis* Gleason, *Bull. Torrey Bot. Club* 52 (7): 384 [June 1925] (Gleason 1925).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 1908.

SIZE. — Up to 10 m tall (Berry *et al.* 1999).

[1062] *Miconia elata* (Sw.) DC.

*Prodr. [A. P. de Candolle]* 3: 182 [mid Mar. 1828] (Candolle 1828). — *Melastoma elatum* Sw., *Prodr. [Swartz]*: 70 [20 Jun.–29 July 1788] (Swartz 1788), “*elata*”. — *Acinodendron elatum* (Sw.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia punctata* var. *latifolia* Cogn., *Monogr. Phan. [A.DC. & C.DC.]* 7: 793 [June 1891] (Cogniaux 1891), *syn. nov.* — *Eurychaenia punctata* var. *latifolia* Griseb., *Pl. Wright. [Grisebach]* 1: 185 [Dec. 1860] (Grisebach 1860), *nom. nud. pro syn.*

*Miconia eurychaenioides* Griseb., *Pl. Wright. [Grisebach]* 1: 185 [Dec. 1860] (Grisebach 1860).

NOTES. — Although *Miconia punctata* var. *latifolia* Cogn. is based on *Eurychaenia punctata* var. *latifolia* Griseb., the latter cannot be treated as the basionym because it is an illegitimate superfluous name. Goldenberg *et al.* (2013) cited an incorrect reference for it (“*Fl. Brit. W.I. [Grisebach]* 259” (Grisebach 1860) ; no such name therein), and placed it in synonymy with *M. punctata* (Desr.) D. Don ex DC.

VERNACULAR NAMES. — Wp: takalawelu.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 3060.

INVENTORY DATA (FG). — 18 trees in 8 plots; F<sub>max</sub> = 1.1 %; dbh<sub>inv</sub> = 34.7 cm.

[1063] *Miconia eriodonta* DC.

*Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828). — *Acinodendron eriodontum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia eriodonta* var. *oblongifolia* DC., *Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828).

*Miconia bracteolaris* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 150 (Naudin 1851).

*Miconia bracteolaris* var. *cardiophora* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 151 (Naudin 1851).

VERNACULAR NAMES. — Wp: siki sī.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, G[G00300234]; iso-, G-DC[G00310952]).

INVENTORY DATA (FG). — 1 tree, dbh = 14.5 cm.

[1064] *Miconia fragilis* Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 16: 171 (Naudin 1851).

*Acinodendron naudinii* Kuntze, *Revis. Gen. Pl.* 2: 949 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: â-seiminio-priyo, â-seiminio-priyu, kamata-kamwi • Ka: mainyapo.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, P[P01903903]; iso-, B[not seen, photo F neg. N° 17062], BR[BR0000005207749], F[V0063766F], FI[FI004734], P[P01903904, P01903905], US[00120979] ).

INVENTORY DATA (FG). — 21 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[1065] *Miconia gratissima* Benth. ex Triana

*Trans. Linn. Soc. London* 28 (1): 101 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron gratissimum* (Benth. ex Triana) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville B-4760*.

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1066] *Miconia holosericea* (L.) DC.  
(Fig. 36B)

*Prodr. [A. P. de Candolle]* 3: 181 [mid Mar. 1828] (Candolle 1828). — *Melastoma holosericeum* L., *Sp. Pl.* 1: 390 [1 May 1753] (Linnaeus 1753), “*holosericea*”. — *Pleroma holosericea* (L.) D. Don, *Mem. Wern. Nat. Hist. Soc.* 4: 295 [May 1823] (Don 1823). — *Acinodendron holosericeum* (L.) Kuntze, *Revis. Gen. Pl.* 1: 244 [5 Nov. 1891] (Kuntze 1891).

*Melastoma mucronatum* Desr., *Encycl. [J. Lamarck et al.]* 4 (1): 46 [9 Feb. 1797] (Desrousseaux 1797), “*mucronata*”. — *Diplochita mucronata* (Desr.) DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828). — *Miconia mucronata* (Desr.) Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 120 (Naudin 1851). — *Miconia holosericea* var. *mucronata* (Desr.) Cogn., *Fl. Bras. [Martius]* 14 (4): 237 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron mucronatum* (Desr.) Kuntze, *Revis. Gen. Pl.* 1: 244 [5 Nov. 1891] (Kuntze 1891).

*Diplochita bracteata* DC., *Prodr. [A. P. de Candolle]* 3: 176 [mid Mar. 1828] (Candolle 1828). — *Melastoma bracteatum* Mart. & Schrank ex DC., *Prodr. [A. P. de Candolle]* 3: 176 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Miconia holosericea* var. *bracteata* (DC.) Cogn., *Fl. Bras. [Martius]* 14 (4): 237 [1 Nov. 1887] (Cogniaux 1887).

*Miconia holosericea* var. *subquintuplinervia* Cogn., *Fl. Bras. [Martius]* 14 (4): 237 [1 Nov. 1887] (Cogniaux 1887).

VERNACULAR NAMES. — Ka: mainyapo weli.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4819*.

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.5$  cm.

[1067] *Miconia hypoleuca* (Benth.) Triana

*Trans. Linn. Soc. London* 28 (1): 119 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Chaenopleura hypoleuca* Benth., *J. Bot. [Hooker]* 2: 315 (Bentham 1840). — *Acinodendron hypoleucum* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Chaenopleura ferruginea* Crueg., *Linnaea* 20: 112 [17-18 May 1847] (Crueger 1847), “*Chaenophora*”.

*Miconia blanchetiana* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 202 (Naudin 1851).

*Miconia cruegeriana* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 245 (Naudin 1851), “*Cruegeriana*”.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-P. Lescure 943*.

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.2$  cm.

[1068] *Miconia kappleri* Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 16: 162 (Naudin 1851), “*Kappleri*”. — *Acinodendron kappleri* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

NOTE. — Auguste Kappler is known as a collector of plants from Suriname, not from French Guiana. Yet, as the original label of the type indicates (“*Ad fl. Carouany*”), he collected it near the Acarouany, a small French Guianan river located a few kilometers from the border with Suriname.

VERNACULAR NAMES. — Wp: amutu’i, mutu’i, wamutu’i.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *A. Kappler 1675* (holo-, P[P02442360]; iso-, GOET[GOET008001], P[P02442361, P02442362]).

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1069] *Miconia lepidota* DC.

*Prodr. [A. P. de Candolle]* 3: 180 [mid Mar. 1828] (Candolle 1828). — *Melastoma lepidotum* Schrank & Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 180 [mid Mar. 1828] (Candolle 1828), “*lepidota*”, *nom. nud. pro syn.* — *Acinodendron lepidotum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia schomburgkii* Benth., *J. Bot. [Hooker]* 2: 312 (Bentham 1840).

*Miconia bifrons* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 178 (Naudin 1851).

*Miconia naudiniana* Miq., *Stirp. Surinam. Select.*: 50 [“1850” publ. Mar. 1851] (Miquel 1851).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 3574*.

INVENTORY DATA (FG). — 4 trees in 2 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.9$  cm.

[1070] *Miconia longifolia* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 3: 184 [mid Mar. 1828] (Candolle 1828). — *Melastoma longifolium* Aubl., *Hist. Pl. Guiane* 1: 432 [Jun.-Dec. 1775] (Aublet 1775), “*longifolia*”. — *Chaenopleura longifolia* (Aubl.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 260 [late 1860] (Grisebach 1860). — *Acinodendron longifolium* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia lambertiana* DC., *Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828).

VERNACULAR NAMES. — Pa: kamata, kamata-kamwi • Wp: amutu’i, mutu’i, siki sī, takalawelu lā, wamutu’i • Wn: kuni weju, mamhalju • Nt: musupu, weti musupu • Br: jacaterão, tangaraca.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN, LINN-HS 782.16).

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1071] *Miconia longispicata* Triana

*Trans. Linn. Soc. London* 28 (1): 117 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron longispicatum* (Triana) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia longipedunculata* Cogn., *Fl. Bras. [Martius]* 14 (4): 266 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron longipedunculatum* (Cogn.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia longispicata* var. *minor* Cogn., *Fl. Bras. [Martius]* 14 (4): 267 [1 Nov. 1887] (Cogniaux 1887).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *J.-J. de Granville B-4482*.

SIZE. — Brazil, Pará. *G. Martinelli 7294* (MO), 17 m.

[1072] *Miconia matthaei* Naudin

*Ann. Sci. Nat., Bot. sér. 3, 16:* 176 (Naudin 1851). — *Acinodendron matthaei* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia matthaei* var. *undulata* Cogn., *Monogr. Phan. [A.DC. & C.DC.]* 7: 813 [June 1891] (Cogniaux 1891), “*Matthaei*”.

*Miconia wilsonii* Cogn., *Symb. Antill. [Urban]* 7 (3): 311 [1 Oct. 1912] (Cogniaux 1912).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3579*.

SIZE. — Bolivia, Pando. *C.R. Sperling 6591* (MO), 7 m × 10 cm.

[1073] *Miconia melinonii* Naudin

*Ann. Sci. Nat., Bot. sér. 3, 16:* 125 (Naudin 1851), “*Melinonis*”. — *Acinodendron melinonii* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891).

NOTE. — The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *E.M. Mélinon 178, 1842* (holo-, P[P02442442]; iso-, NY[00229251], P[P02442443, P02442444], U[U0004102], US[00121076]).

INVENTORY DATA (FG). — 1 tree, dbh = 24.2 cm.

[1074] *Miconia minutiflora* (Bonpl.) DC.  
(Fig. 36C)

*Prodr. [A. P. de Candolle]* 3: 189 [mid Mar. 1828] (Candolle 1828). — *Melastoma minutiflorum* Bonpl., *Monogr. Melast.* 1 (9): 50 [Aug. 1809] (Bonpland 1809), “*minutiflora*”. — *Acinodendron minutiflorum* (Bonpl.) Kuntze, *Revis. Gen. Pl.* 1: 245 [5 Nov. 1891] (Kuntze 1891).

*Cremanium trinitatis* Crueg., *Linnaea* 20: 111 [17-18 May 1847] (Crueger 1847). — *Miconia trinitatis* (Crueg.) Naudin, *Ann. Sci. Nat., Bot. sér. 3, 16:* 246 (Naudin 1851).

*Glossocentrum collinum* Crueg., *Linnaea* 20: 111 [17-18 May 1847] (Crueger 1847).

*Miconia melanodendron* Naudin, *Ann. Sci. Nat., Bot. sér. 3, 16:* 162 (Naudin 1851).

*Miconia glossocentra* Naudin, *Ann. Sci. Nat., Bot. sér. 3, 16:* 243 (Naudin 1851).

*Melastoma pendulum* Salzm. ex Griseb., *Fl. Brit. W.I. [Grisebach]* 257 [late 1860] (Grisebach 1860), *nom. nud. pro syn.*

*Cremanium paniculatum* Mart. ex Triana, *Trans. Linn. Soc. London* 28 (1): 118 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872), *nom. nud. pro syn.*

*Miconia minutiflora* var. *latifolia* Cogn., *Fl. Bras. [Martius]* 14 (4): 385 [1 Nov. 1887] (Cogniaux 1887).

*Miconia borealis* Gleason, *Bull. Torrey Bot. Club* 55 (2): 118 [Feb. 1928] (Gleason 1928).

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *M.-F. Prévost 1858*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 30.6$  cm.

[1075] *Miconia mirabilis* (Aubl.) L.O. Williams  
(Fig. 36D)

*Fieldiana, Bot.* 29 (10): 574 (Williams 1963). — *Fothergilla mirabilis* Aubl., *Hist. Pl. Guiane* 1: 441 [Jun.-Dec. 1775] (Aublet 1775), “*admirabilis*” in Index, “*Mirabilia*” on plate. — *Lientautia mirabilis* (Aubl.) Buc’hoz, *Pl. Nouv. Découv.*: 9 (Buc’hoz 1779). — *Melastoma fothergilla* Desr., *Encycl. [J. Lamarck et al.]* 4 (1): 45 [9 Feb. 1797] (Desrousseaux 1797), *nom. illeg. superfl.* (based on *Fothergilla mirabilis*). — *Chitonia fothergilla* D. Don, *Mem. Wern. Nat. Hist. Soc.* 4: 318 [May 1823] (Don 1823). — *Diplochita fothergilla* DC., *Prodr. [A. P. de Candolle]* 3: 176 [mid Mar. 1828] (Candolle 1828). — *Abrophaes mirabilis* (Aubl.) Raf., *Sylva Tellur.*: 99 (Rafinesque 1838). — *Miconia fothergilla* Naudin, *Ann. Sci. Nat., Bot. sér. 3, 16:* 119 (Naudin 1851). — *Tamonea fothergilla*



O.F.Cook & G.N.Collins, *Contr. U.S. Natl. Herb.* 8 (2): 249 [27 June 1903] (Cook & Collins 1903).

*Tamonea guianensis* Aubl., *Hist. Pl. Guiane* 1: 441 [Jun.-Dec. 1775] (Aublet 1775). — *Melastoma tamonea* Sw., *Prodr. [Swartz]:* 70 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Tamonea guianensis*). — *Miconia guianensis* (Aubl.) Cogn., *Jahrb. Königl. Bot. Gart. Berlin* 4: 280 (Cogniaux 1886). — *Acinodendron guianense* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 244 [5 Nov. 1891] (Kuntze 1891).

*Melastoma compressum* Vahl, *Eclog. Amer.* 3: 23 (Vahl 1807), “*compressa*”.

*Melastoma fothergilla* var. *lanceolata* Bonpl., *Monogr. Melast.* 1: 71 (Bonpland 1809), *nom. illeg. superfl.* (based on *Fothergilla mirabilis*).

*Melastoma fothergilla* var. *ovalis* Bonpl., *Monogr. Melast.* 1: 71 (Bonpland 1809), *nom. illeg. superfl.* (based on *Melastoma dodecandrum* Desr. and *M. compressum*). — *Miconia guianensis* var. *ovalis* Cogn., *Fl. Bras. [Martius]* 14 (4): 246 [1 Nov. 1887] (Cogniaux 1887).

*Diplochita florida* DC., *Prodr. [A. P. de Candolle]* 3: 176 [mid Mar. 1828] (Candolle 1828). — *Miconia florida* (DC.) Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 244 (Naudin 1851). — *Acinodendron floridum* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891).

*Diplochita rosea* Macfad., *Fl. Jamaica [Macfadyen]* 2: 74 (Macfadyen 1850).

*Miconia guianensis* var. *vulgaris* Cogn., *Fl. Bras. [Martius]* 14 (4): 246 [1 Nov. 1887] (Cogniaux 1887).

NOTES. — According to Williams (1963: 574), while his *Histoire des Plantes* was in press, Aublet realized that he had created two *Tamonea*, one in Verbenaceae (Aublet 1775, 2: 659), the other in Melastomataceae (Aublet 1775, 1: 441). His solution was to rename the latter *Fothergilla*, and he managed to have *Tamonea guianensis* corrected to *Fothergilla mirabilis* in most, but not all, copies. Goldenberg *et al.* (2013: 78) wrongly listed a “*F. guianensis* Aubl.” with the same reference as *F. mirabilis*. The specific epithet of *Melastoma fothergilla* Desr. refers to the genus *Fothergilla*, not to John Fothergill (1712-1780) to whom the genus was dedicated. Therefore it should not be written as “*fothergillii*”.

VERNACULAR NAMES. — Ka: kuyaken elepali • Wp: siki lá.

HERBARIUM DATA (FG). — 82 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Fothergilla mirabilis*: P[P02442466]).

INVENTORY DATA (FG). — 40 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[1076] *Miconia myriantha* Benth.

*J. Bot. [Hooker]* 2: 314 (Bentham 1840).

VERNACULAR NAMES. — Ka: kumete, kumeti.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *G. Cremers & M. Hoff 11240*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.1$  cm.

[1077] *Miconia phaeophylla* Triana

*Trans. Linn. Soc. London* 28 (1): 113 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron phaeophyllum* (Triana) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891).

*Miconia fendleriana* Cogn., *Monogr. Phan. [A.D.C. & C.D.C.]* 7: 822 [June 1891] (Cogniaux 1891). — *Acinodendron fendlerianum* (Cogn.) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum Fendlerianum*”.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2112*.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.8$  cm.

[1078] *Miconia plukenetii* Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 16: 116 (Naudin 1851). — *Acinodendron plukenetii* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 951 [5 Nov. 1891] (Kuntze 1891).

*Diplochita sessilifolia* Griseb., *Fl. Brit. W.I. [Grisebach]* 252 [late 1860] (Grisebach 1860).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: maipuli kiyelapoli, sipyalala • Wp: takalawelu ki, takalawelu lá.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2815*.

INVENTORY DATA (FG). — 8 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16$  cm.

[1079] *Miconia poeppigii* Triana

*Trans. Linn. Soc. London* 28 (1): 107 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872). — *Acinodendron poeppigii* (Triana) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Oxymeris furfuracea* Poepp. ex Triana, *Trans. Linn. Soc. London* 28 (1): 107 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872), *nom. nud. pro syn.*

*Miconia congesta* Cogn., *Repert. Spec. Nov. Regni Veg.* 8: 2 (Cogniaux 1910).

*Miconia darinensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 248 [22 Sep. 1917] (Pittier 1917).

*Miconia surinamensis* Gleason, *Recueil Trav. Bot. Néerl.* 32: 212 (Gleason 1935).

VERNACULAR NAMES. — Pa: kamata • Ka: kamala kuyulu • Wp: amutu’i, mutu’i, wamutu’i • Nt: man musupu witi • Br: catuaba.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 1005*.

INVENTORY DATA (FG). — 9 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42.2$  cm.

[1080] *Miconia prasina* (Sw.) DC.

*Prodr. [A. P. de Candolle]* 3: 188 [mid Mar. 1828] (Candolle 1828). — *Melastoma prasinum* Sw., *Prodr. [Swartz]*: 69 [20 Jun.-29 July 1788] (Swartz 1788), “*prasina*”. — *Miconia aubletiana* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 139 (Steudel 1841), *nom. illeg. superfl.* (based on *Miconia prasina*). — *Acinodendron prasinum* (Sw.) Kuntze, *Revis. Gen. Pl.* 1: 245 [5 Nov. 1891] (Kuntze 1891).

*Melastoma parviflorum* Aubl., *Hist. Pl. Guiane* 1: 433 [Jun.-Dec. 1775] (Aublet 1775), “*parviflora*”.

*Melastoma pendulifolium* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), “*Pendulifolia*”.

*Melastoma montanum* Spreng., *Syst. Veg. [Sprengel]* 2: 296 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. hom., non Sw.* (Swartz 1788).

*Conostegia parviflora* DC., *Prodr. [A. P. de Candolle]* 3: 175 [mid Mar. 1828] (Candolle 1828).

*Miconia collina* DC., *Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828). — *Miconia prasina* var. *collina* (DC.) Triana, *Trans. Linn. Soc. London* 28 (1): 109 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

*Miconia sepiaria* DC., *Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828). — *Melastoma sepiarium* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 185 [mid Mar. 1828] (Candolle 1828), “*sepiaria*”, *nom. nud. pro syn.*

*Miconia attenuata* DC., *Prodr. [A. P. de Candolle]* 3: 186 [mid Mar. 1828] (Candolle 1828). — *Miconia prasina* var. *attenuata* (DC.) Cogn., *Fl. Bras. [Martius]* 14 (4): 317 [1 Nov. 1887] (Cogniaux 1887).

*Miconia attenuata* var. *subquintuplinervia* DC., *Prodr. [A. P. de Candolle]* 3: 187 [mid Mar. 1828] (Candolle 1828).

*Melastoma suaveolens* Raddi, *Melast. Bras.*: 25 (Raddi 1828).

*Melastoma pulchrum* Vell., *Fl. Flumin.* 178 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), “*pulchra*”.

*Miconia revoluta* Benth., *J. Bot. [Hooker]* 2: 313 (Bentham 1840).

*Miconia pteropoda* Benth., *J. Bot. [Hooker]* 2: 314 (Bentham 1840). — *Acinodendron pteropodum* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia fleischeriana* Steud., *Flora* 27: 723 (Steudel 1844).

*Miconia macrophylla* Steud., *Flora* 27: 723 (Steudel 1844).

*Miconia repandocrenata* Steud., *Flora* 27: 724 (Steudel 1844).

*Miconia palustris* Macfad., *Fl. Jamaica [Macfadyen]* 2: 89 (Macfadyen 1850).

*Miconia crispula* Spruce ex Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 172 (Naudin 1851), *nom. nud. pro syn.*

*Miconia cristulata* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 177 (Naudin 1851).

*Miconia nemoralis* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 178 (Naudin 1851).

*Miconia prasina* var. *denticulata* Griseb., *Bonplandia* 6 (1): 6 (Grisebach 1858).

*Melastoma quinquenervium* Salzm. ex Griseb., *Fl. Brit. W.I. [Grisebach]* 257 [late 1860] (Grisebach 1860), *nom. illeg. hom., non* Mill. (Miller 1768).

*Melastoma trinervium* Salzm. ex Griseb., *Fl. Brit. W.I. [Grisebach]* 257 [late 1860] (Grisebach 1860), *nom. illeg. hom., non Sw.* (Swartz 1788).

*Miconia trichotoma* Bello, *Anales Soc. Esp. Hist. Nat.* 10: 268 (Bello 1883), *nom. illeg. hom., non* (Desr.) DC. (Candolle 1828).

*Miconia prasina* var. *angustifolia* Cogn., *Fl. Bras. [Martius]* 14 (4): 317 [1 Nov. 1887] (Cogniaux 1887).

*Miconia prasina* var. *crispula* Cogn., *Fl. Bras. [Martius]* 14 (4): 317 [1 Nov. 1887] (Cogniaux 1887).

*Melastoma acuminatum* Sessé & Moc., *Fl. Mexic.*, ed. 2, 105 (Sessé & Mociño 1894), “*Acuminata*”, *nom. illeg. hom., non* Desr. (Desrousseaux 1797).

*Melastoma leucanthum* Sessé & Moc., *Fl. Mexic.*, ed. 2, 105 (Sessé & Mociño 1894), “*Leucantha*”.

*Melastoma glabrum* Sessé & Moc., *Fl. Mexic.*, ed. 2, 107 (Sessé & Mociño 1894), “*Glabra*”, *nom. illeg. hom., non* G.Forst. (Forster 1786).

*Miconia mucronulata* Ule, *Notizbl. Königl. Bot. Gart. Berlin* 6: 358 [20 Sep. 1915] (Ule 1915).

NOTE. — Goldenberg *et al.* (2013) listed “*Miconia parviflora* (Aubl.) Cogn., *Monogr. Phan. [A.DC. & C.DC.]* 7: 805. 1891”; no such name is found therein. Cogniaux just cited *Melastoma parviflorum* Aubl. in synonymy under *Miconia prasina* (Sw.) DC.

VERNACULAR NAMES. — Pa: arakeu, arakeu-kamwi, arakeu-priye, arateu, arateu-kamwi, arateu-priye • Ka: kinolo epi, yalipi • Wp: amutu’i, mutu’i, takalawelu lá, takalawelu sili, wamutu’i • Nt: nyama suwi • Br: caiuia, fruto-de-jacu.

HERBARIUM DATA (FG). — 116 collections at CAY. Sel. exs.: *M.-F. Prévost* 1206.

INVENTORY DATA (FG). — 23 trees in 4 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 21.9$  cm.

[1081] *Miconia pubipetala* Miq.

*Stirp. Surinam. Select.*: 50 [“1850” publ. Mar. 1851] (Miquel 1851).

*Diplochita parviflora* Benth., *J. Bot. [Hooker]* 2: 302 (Bentham 1840). — *Miconia parviflora* (Benth.) Cogn., *Fl. Bras. [Martius]* 14 (4): 249 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron parviflorum* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia verticilliflora* Steud. ex Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 16: 122 (Naudin 1851).

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *B. Riéra* 715.

SIZE. — Up to 10 m tall (Wurdack *et al.* 1993).

[1082] *Miconia punctata* (Desr.) D. Don ex DC.

*Prodr. [A. P. de Candolle]* 3: 184 [mid Mar. 1828] (Candolle 1828). — *Melastoma punctatum* Desr., *Encycl. [J. Lamarck et al.]* 4 (1): 50 [9 Feb. 1797] (Desrousseaux 1797). — *Eurychaenia punctata* (Desr.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 259 [late 1860] (Grisebach 1860). — *Acinodendron punctatum* (Desr.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia discolor* Macfad., *Fl. Jamaica [Macfadyen]* 2: 85 (Macfadyen 1850).

*Miconia lepidota* var. *grandifolia* Cogn., *Fl. Bras. [Martius]* 14 (4): 293 [1 Nov. 1887] (Cogniaux 1887).

*Miconia punctata* var. *brevifolia* Cogn., *Monogr. Phan. [A. DC. & C. DC.]* 7: 794 [June 1891] (Cogniaux 1891).

*Miconia babrolepis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 319 [24 Oct. 1929] (Standley 1929).

NOTE. — Don (1823: 316) did not associate the epithet *punctata* with the genus name *Miconia*, hence did not validly publish the combination (Turland et al. 2018: Art. 35.2).

VERNACULAR NAMES. — Te: mitù pi, takulu welu • Wp: takalawelu • Nt: weti bee.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *M.-F. Prévost 1076*.

INVENTORY DATA (FG). — 20 trees in 7 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[1083] *Miconia pyrifolia* Naudin

*Ann. Sci. Nat., Bot. sér.* 3, 16: 164 (Naudin 1851). — *Acinodendron pyrifolium* (Naudin) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Sastre 4516*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 39.7$  cm.

[1084] *Miconia ruficalyx* Gleason

*Brittonia* 1: 181 (Gleason 1932).

*Copedesma nitens* Gleason, *Bull. Torrey Bot. Club* 52 (6): 331 [June 1925] (Gleason 1925).

VERNACULAR NAMES. — Wp: siki lá • Br: maçandarubinha.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1122*.

INVENTORY DATA (FG). — 26 trees in 12 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 33.1$  cm.

[1085] *Miconia serialis* DC.

*Prodr. [A. P. de Candolle]* 3: 182 [mid Mar. 1828] (Candolle 1828). — *Acinodendron seriale* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia tomentella* Cogn., *Fl. Bras. [Martius]* 14 (4): 284 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron tomentellum* (Cogn.) Kuntze, *Revis. Gen. Pl.* 2: 953 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier 2270*.

SIZE. — Bolivia, Pando. *A. Jardim 1015* (MO), 10 m.

[1086] *Miconia serrulata* (DC.) Naudin

*Ann. Sci. Nat., Bot. sér.* 3, 16: 118 (Naudin 1851). — *Diplochita serrulata* DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828). — *Melastoma serrulatum* Rich. ex DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Miconia macrophylla* var. *serrulata* (DC.) Cogn., *Fl. Bras. [Martius]* 14 (4): 241 [1 Nov. 1887] (Cogniaux 1887).

*Chitonina macrophylla* D. Don, *Mem. Wern. Nat. Hist. Soc.* 4: 319 [May 1823] (Don 1823). — *Melastoma macrophyllum* Pav. ex D. Don, *Mem. Wern. Nat. Hist. Soc.* 4: 319 [May 1823] (Don 1823), *nom. nud. pro syn.* — *Miconia macrophylla* (D. Don) Triana, *Trans. Linn. Soc. London* 28 (1): 103 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872), *nom. illeg. hom., non* Steud. (Steudel 1844). — *Acinodendron macrophyllum* (D. Don) Kuntze, *Revis. Gen. Pl.* 1: 244 [5 Nov. 1891] (Kuntze 1891). — *Diplochita macrophylla* (D. Don) DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828).

*Diplochita leucocephala* DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828). — *Miconia leucocephala* (DC.) Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 244 (Naudin 1851). — *Miconia macrophylla* var. *leucocephala* (DC.) Cogn., *Fl. Bras. [Martius]* 14 (4): 241 [1 Nov. 1887] (Cogniaux 1887).

*Diplochita serrulata* var. *latifolia* DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828). — *Miconia macrophylla* var. *latifolia* (DC.) Cogn., *Fl. Bras. [Martius]* 14 (4): 240 [1 Nov. 1887] (Cogniaux 1887).

*Melastoma balbisianum* Ser. ex DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Melastoma lasiopetalum* Mart. & Schrank ex DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Melastoma patens* Spreng. ex DC., *Prodr. [A. P. de Candolle]* 3: 177 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Melastoma strangulatum* Raddi, *Melast. Bras.*: 31 (Raddi 1828).

*Melastoma macrophyllum* Vell., *Fl. Flumin.* 180 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), “*macro-phylla*”, *nom. illeg. hom., non* Desr. (Desrousseaux 1797).

*Decaraphe hostmannii* Steud., *Flora* 27: 722 (Steudel 1844), “*Decaraphe Hostmannii*”. — *Miconia macrophylla* var. *hostmannii* (Steud.) Cogn., *Fl. Bras. [Martius]* 14 (4): 241 [1 Nov. 1887] (Cogniaux 1887), “*Hostmannii*”.

*Miconia platyhedra* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 244 (Naudin 1851).

*Tamonea lasiopetala* DC. ex Triana, *Trans. Linn. Soc. London* 28 (1): 103 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872), *nom. nud. pro syn.*

*Miconia boissieriana* Cogn., *Monogr. Phan. [A.DC. & C.DC.]* 7: 734 [June 1891] (Cogniaux 1891). — *Acinodendron boissierianum* (Cogn.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Tamonea tomentosa* Kuntze var. *auriculata* Jenn., *Ann. Carnegie Mus.* 11 (1-2): 208 (Jennings 1917).

VERNACULAR NAMES. — Pa: kudumig • Ka: kulumoto • Wp: takalawelu lá, takalawelu lá sili • Br: buxixú-canela-de-velho.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *M.-F. Prévost 1506*.

SIZE. — Up to 15 m tall (Wurdack *et al.* 1993).

[1087] *Miconia splendens* (Sw.) Griseb.

*Fl. Brit. W.I. [Grisebach]* 256 [late 1860] (Grisebach 1860). — *Melastoma splendens* Sw., *Prodr. [Swartz]* 70 [20 Jun.-29 July 1788] (Swartz 1788).

*Miconia elliptica* Macfad., *Fl. Jamaica [Macfadyen]* 2: 88 (Macfadyen 1850).

*Miconia obovalis* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 183 (Naudin 1851).

*Acinodendron ellipticum* (Macfad.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

VERNACULAR NAMES. — Wp: siki lá, taĩwĩ lenipiã lá • Wn: kuni weju.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2335*.

INVENTORY DATA (FG). — 1 tree, dbh = 13.4 cm.

[1088] *Miconia tetraspermoides* Wurdack

*Phytologia* 18 (3): 155 [27 Mar. 1969] (Wurdack 1969).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5620*.

INVENTORY DATA (FG). — 1 tree, dbh = 15.3 cm.

[1089] *Miconia tomentosa* (Rich.) D. Don ex DC.

*Prodr. [A. P. de Candolle]* 3: 183 [mid Mar. 1828] (Candolle 1828). — *Melastoma tomentosum* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), “*Tomentosa*”. — *Jucunda tomentosa* (Rich.) Benth., *J. Bot. [Hooker]* 2: 302 (Bentham 1840). — *Diplochita tomentosa* (Rich.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 252 [late 1860] (Grisebach 1860). — *Acinodendron tomentosum* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 245 [5 Nov. 1891] (Kuntze 1891).

*Melastoma megalophyllum* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 183 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Pogonorhynchus amplexans* Crueg., *Linnaea* 20: 107 [17-18 May 1847] (Crueger 1847). — *Miconia amplexans* (Crueg.) Cogn., *Fl. Bras. [Martius]* 14 (4): 256 [1 Nov. 1887] (Cogniaux 1887). — *Acinodendron amplexans* (Crueg.) Kuntze, *Revis. Gen. Pl.* 2: 950 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Pogonorhynchus sessillifolius* Crueg., *Linnaea* 20: 107 [17-18 May 1847] (Crueger 1847).

*Miconia umbrifera* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 116 (Naudin 1851).

*Miconia tomentosa* var. *ovata* Cogn., *Fl. Bras. [Martius]* 14 (4): 255 [1 Nov. 1887] (Cogniaux 1887).

*Miconia symplectocaulos* Pilg., *Verh. Bot. Vereins Prov. Brandenburg* 47: 175 [1 Oct. 1905] (Pilger 1905).

VERNACULAR NAMES. — Ka: sipyalala • Wp: takalawelu ki.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *J.B. Leblond 64* (original material of *Melastoma tomentosum*: G[G00227574]; *D. Sabatier 3012*, dbh 10 cm.

[1090] *Miconia trinervia* (Sw.) D. Don ex G. Don

*Hort. Brit. [Loudon]* 174 (Don 1830). — *Melastoma trinervium* Sw., *Prodr. [Swartz]* 69 [20 Jun.-29 July 1788] (Swartz 1788), “*trinervia*”. — *Acinodendron trinervium* (Sw.) Kuntze, *Revis. Gen. Pl.* 2: 953 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Melastoma scorpioides* Schltld. & Cham., *Linnaea* 5: 564 (Schlechtendal & Chamisso 1830). — *Miconia scorpioides* (Schltld. & Cham.) Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 243 (Naudin 1851). — *Acinodendron scorpioides* (Schltld. & Cham.) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Miconia anceps* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 16: 150 (Naudin 1851).

VERNACULAR NAMES. — Wp: takalawelu ka’a lulu, takalawelu lá, takalawelu lá sili, takalawelu sī.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *P. Grenand 738*.

INVENTORY DATA (FG). — 1 tree, dbh = 11.6 cm.

[1091] *Miconia tschudyoides* Cogn.

*Fl. Bras. [Martius]* 14 (4): 327 [1 Nov. 1887] (Cogniaux 1887).

*Tschudya robusta* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 15: 329 (Sagot 1883). — *Miconia robusta* (Sagot) Cogn., *Fl. Bras. [Martius]* 14 (4): 611 [15 Aug. 1888] (Cogniaux 1888), *nom. illeg. hom., non Cogn.* (Cogniaux 1887). — *Acinodendron robustum* (Sagot) Kuntze, *Revis. Gen. Pl.* 2: 952 [5 Nov. 1891] (Kuntze 1891), “*Acinodendrum*”.

*Clidemia trichodes* Sagot ex Cogn., *Fl. Bras. [Martius]* 14 (4): 612 [15 Aug. 1888] (Cogniaux 1888), *nom. nud. pro syn.*

VERNACULAR NAMES. — Ka: yoloka pomiidyī • Nt: musupu.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *P.A. Sagot 220*, 1858 (original material K[K000536081], U[U0004123]).

INVENTORY DATA (FG). — 68 trees in 40 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29$  cm.

Genus *Mouriri* Aubl.

[1092] *Mouriri acutiflora* Naudin

*Ann. Sci. Nat., Bot.* sér. 3, 18: 284 [Aug. 1852] (Naudin 1852).

*Mouriri acutiflora* var. *amblyodon* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 284 [Aug. 1852] (Naudin 1852).

*Mouriri pendulifolia* Cogn., *Fl. Bras. [Martius]* 14 (4): 578 [15 Aug. 1888] (Cogniaux 1888).

VERNACULAR NAMES. — Ka: šipa yepo • Cr: bwa-flèch.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *F.M.R. Leprieur, Cat. no. 206* (original material of *Mouriri acutiflora* var. *amblyodon*: BR[BR0000005209880], G-DC[G00328319]).

INVENTORY DATA (FG). — 1 tree, dbh = 10.6 cm.

[1093] *Mouriri angulicosta* Morley

*Phytologia* 22 (5): 424 [24 Jan. 1972] (Morley 1972).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2233*.

INVENTORY DATA (FG). — 11 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70.3$  cm.

[1094] *Mouriri collocarpa* Ducke

*Anais Reunião Sul-Amer. Bot.* 3: 69 [“1938” publ. 1940] (Ducke 1940).

*Mouriri acutiflora* var. *oligantha* Gleason, *Recueil Trav. Bot. Néerl.* 32: 212 (Gleason 1935).

VERNACULAR NAMES. — Wp: wila kitā • Br: mamãozinho.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier 2294*.

INVENTORY DATA (FG). — 15 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.8$  cm.

[1095] *Mouriri crassifolia* Sagot  
(Fig. 37A)

*Ann. Sci. Nat., Bot.* sér. 6, 15: 336 (Sagot 1883).

*Mouriri anomala* Pulle, *Ann. Jard. Bot. Buitenzorg, Suppl.* 3: 123 (Pulle 1910).

VERNACULAR NAMES. — Pa: avitkat-seinó, avitkat-wahuye • Ka: amilá'u, amulá'i, amulau, atakalilan • Wp: wila kitā • Wn: taluwaho • Nt: topi • Cr: bwa-fê, bwa-flèch • Fr: bois flèche, mouriri • Br: camutim, cruili, miraúba, muiraúba, muriri.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material BR[BR0000005208524], F[V0093860F], K[K000329677], NY[00229544], P[P05254750]).

INVENTORY DATA (FG). — 328 trees in 104 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 62.5$  cm.

[1096] *Mouriri duckeana* Morley

*Amer. J. Bot.* 40: 253 (Morley 1953).

VERNACULAR NAMES. — Br: muiraúba, pitanga-da-mata.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al. 23427*.

SIZE. — Up to 35 cm dbh (Morley 1976).

[1097] *Mouriri dumetosa* Cogn.

*Fl. Bras. [Martius]* 14 (4): 584 [15 Aug. 1888] (Cogniaux 1888).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material BR[BR0000005221417]).

INVENTORY DATA (FG). — 1 tree, dbh = 18.5 cm.

[1098] *Mouriri francavillana* Cogn.

*Fl. Bras. [Martius]* 14 (4): 576 [15 Aug. 1888] (Cogniaux 1888).

VERNACULAR NAMES. — Pa: ahayupnā, avitkat, avitkat-purubumna • Cr: bwa-flèch • Br: muiraúba, muriri.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material BR[BR0000005221189]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.4$  cm.

[1099] *Mouriri grandiflora* DC.

*Prodr. [A. P. de Candolle]* 3: 8 [mid Mar. 1828] (Candolle 1828).

*Mouriri macrophylla* Willd. ex Cham. & Schldtl., *Linnaea* 10: 218 (Chamisso & Schlechtendal 1835).

*Mouriri princeps* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 283 [Aug. 1852] (Naudin 1852).

VERNACULAR NAMES. — Pa: avitkat-purubumna • Ka: amalá'i, woko popi • Te: aliwatso tawa • Wp: aliwa so • Wn: akajot, akajot, meku huhu, taluwaho • Nt: lebi moni, sii payopo, topi • Cr: alwaso, grènn-koumarou • Br: camutim, muriri, remelo-de-cachorro, tucunaré-mereçá.

HERBARIUM DATA (FG). — 51 collections at CAY. Sel. exs.: *M.-F. Prévost 3329*.

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[1100] *Mouriri guianensis* Aubl.  
(Fig. 37B)

*Hist. Pl. Guiane* 1: 452 [Jun.-Dec. 1775] (Aublet 1775).

*Petaloma mouriri* Sw., *Prodr. [Swartz]:* 73 [20 Jun.-29 July 1788] (Swartz 1788).

*Myrtus umbellata* Ham., *Prodr. Pl. Ind. Occid. [Hamilton]:* 45 [Oct. 1825] (Hamilton 1825).

*Eugenia brachybotrya* DC., *Prodr. [A. P. de Candolle]* 3: 277 [mid Mar. 1828] (Candolle 1828).

*Mouriri polyantha* Miq., *Linnaea* 18: 290 [“1844” publ. Feb (-May?) 1845] (Miquel 1845).

*Mouriri weddelli* Naudin, *Ann. Sci. Nat., Bot. sér. 3*, 18: 286 [Aug. 1852] (Naudin 1852).

*Mouriri ulei* Pilg., *Verb. Bot. Vereins Prov. Brandenburg* 47: 184 [1 Oct. 1905] (Pilger 1905).

VERNACULAR NAMES. — Br: criuri, cruiri.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM001008165] designated by Morley [1976: 171]).

SIZE. — Up to 50 cm dbh (Morley 1976).

[1101] *Mouriri huberi* Cogn.

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 255 (Cogniaux 1909).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2101*.

INVENTORY DATA (FG). — 74 trees in 34 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 51.6$  cm.

[1102] *Mouriri nervosa* Pilg.

*Verb. Bot. Vereins Prov. Brandenburg* 47: 183 [1 Oct. 1905] (Pilger 1905).

VERNACULAR NAMES. — Pa: ahayumna, ahayupná, timuvukti-duwë • Wp: talakua'i, wila kitá • Wn: kaliaku mĩli, taluwaho • Br: miraúba.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J.-J. de Granville B-4989*.

INVENTORY DATA (FG). — 21 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40$  cm.

[1103] *Mouriri nigra* (DC.) Morley

*Phytologia* 22 (5): 428 [24 Jan. 1972] (Morley 1972). — *Eugenia nigra* DC., *Prodr. [A. P. de Candolle]* 3: 268 [mid Mar. 1828] (Candolle 1828).

*Mouriri plasschaertii* Pulle, *Recueil Trav. Bot. Néerl.* 6: 283 (Pulle 1909), “*Mouriria*”.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-F. Molino 938*.

SIZE. — Up to 36 m tall (Morley 1976).

[1104] *Mouriri oligantha* Pilg.

*Verb. Bot. Vereins Prov. Brandenburg* 47: 184 [1 Oct. 1905] (Pilger 1905).

VERNACULAR NAMES. — Pa: avitkat-kamwi, boko • Wp: akusi luway, wila kitá u • Cr: gouyavié-sovaj.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-390*.

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.6$  cm.

[1105] *Mouriri sagotiana* Triana

*Trans. Linn. Soc. London* 28 (1): 155 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

VERNACULAR NAMES. — Pa: timuvukti • Ka: pikyalai pyo, talukuwa epi • Te: talakwa'i • Wp: talakua'i, talakua'i to wu • Cr: bwa-flèch, panapana • Br: miraúba.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *P.A. Sagot 1203*, May 1858 (original material BR[BR0000005751051], F[V0077508F], K[K000329647]).

INVENTORY DATA (FG). — 21 trees in 11 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 20$  cm.

[1106] *Mouriri sideroxylon* Sagot ex Triana

*Trans. Linn. Soc. London* 28 (1): 155 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P.A. Sagot 924*, 1856 (original material B[not seen, photo F neg. N° 17289], BM[BM001008164], BR[BR0000005221578], F[V0077509F], K[K000329660, K000329661], NY[00229564], S[S05-3861], U[U0004144], US[00123933]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 35.8$  cm.

[1107] *Mouriri subumbellata* Triana

*Trans. Linn. Soc. London* 28 (1): 154 [“1873” publ. 8 Dec. 1871-13 Jan. 1872] (Triana 1871-1872).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *H.S. Irwin et al. 48582* (US).

SIZE. — Up to 40 cm dbh (Morley 1976).

[1108] *Mouriri vernicosa* Naudin

*Ann. Sci. Nat., Bot. sér. 3*, 18: 285 [Aug. 1852] (Naudin 1852).

VERNACULAR NAMES. — Ka: apalitono, malakana kuwa • Wp: aliwa so átá, aliwa so u.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM001008169], COL[COL000003404], F[V0044368F, V0044369F], GH[GH00073017], K[K000329644], NY[00229567], S[S05-3865], US[00604497]).

SIZE. — Up to 35 cm dbh (Morley 1976).

Genus *Votomita* Aubl.

[1109] *Votomita guianensis* Aubl.

*Hist. Pl. Guiane* 1: 91 [Jun.-Dec. 1775] (Aublet 1775).

*Mouriri abnormis* Naudin, *Ann. Sci. Nat., Bot.* sér. 3, 18: 286 [Aug. 1852] (Naudin 1852). — *Coryphadenia abnormis* (Naudin) Morley, *Amer. J. Bot.* 40: 252 (Morley 1953).

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777669] designated by Lanjou & Uittien [1940: 160]; isolecto-, BM[BM001008149]).

INVENTORY DATA (FG). — 83 trees in 35 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{inv} = 46.8$  cm.

Family MELIACEAE Juss.  
Genus *Cabrlea* A.Juss.

[1110] *Cabrlea canjerana* (Vell.) Mart.

*Syst. Mat. Med. Veg. Bras.* 38 (Martius 1843), “*Cabralia*”. — *Trichilia canjerana* Vell., *Fl. Flumin.*: 176 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Cabrlea glaberrima* A.Juss., *Mém. Mus. Hist. Nat.* 19: 270 (Jussieu 1830).

*Cabrlea cangerana* Saldanha, *Ann. Sci. Nat., Bot.* sér. 5, 19: 210 (Saldanha 1874).

*Cabrlea burchellii* C.DC., *Fl. Bras. [Martius]* 11 (1): 171 [1 Feb. 1878] (Candolle 1878).

*Cabrlea estrellensis* C.DC., *Fl. Bras. [Martius]* 11 (1): 171 [1 Feb. 1878] (Candolle 1878).

*Cabrlea jussiaeana* C.DC., *Fl. Bras. [Martius]* 11 (1): 171 [1 Feb. 1878] (Candolle 1878).

*Cabrlea sulcata* C.DC., *Fl. Bras. [Martius]* 11 (1): 171 [1 Feb. 1878] (Candolle 1878).

*Cabrlea gaudichaudii* C.DC., *Fl. Bras. [Martius]* 11 (1): 172 [1 Feb. 1878] (Candolle 1878).

*Cabrlea glaziovii* C.DC., *Fl. Bras. [Martius]* 11 (1): 172 [1 Feb. 1878] (Candolle 1878).

*Cabrlea pedunculata* C.DC., *Fl. Bras. [Martius]* 11 (1): 172 [1 Feb. 1878] (Candolle 1878).

*Cabrlea silvatica* C.DC., *Fl. Bras. [Martius]* 11 (1): 173 [1 Feb. 1878] (Candolle 1878).

*Cabrlea eichleriana* C.DC., *Fl. Bras. [Martius]* 11 (1): 174 [1 Feb. 1878] (Candolle 1878).

*Cabrlea macrophylla* Fenzl ex C.DC., *Fl. Bras. [Martius]* 11 (1): 174 [1 Feb. 1878] (Candolle 1878).

*Cabrlea macrophylla* var. *decomposita* C.DC., *Fl. Bras. [Martius]* 11 (1): 174 [1 Feb. 1878] (Candolle 1878).

*Cabrlea multijuga* C.DC., *Fl. Bras. [Martius]* 11 (1): 175 [1 Feb. 1878] (Candolle 1878).

*Cabrlea pallescens* C.DC., *Fl. Bras. [Martius]* 11 (1): 175 [1 Feb. 1878] (Candolle 1878).

*Cabrlea laevis* C.DC., *Fl. Bras. [Martius]* 11 (1): 176 [1 Feb. 1878] (Candolle 1878).

*Cabrlea corcovadensis* C.DC., *Fl. Bras. [Martius]* 11 (1): 177 [1 Feb. 1878] (Candolle 1878).

*Cabrlea lagoensis* C.DC., *Fl. Bras. [Martius]* 11 (1): 177 [1 Feb. 1878] (Candolle 1878).

*Cabrlea pilosa* C.DC., *Fl. Bras. [Martius]* 11 (1): 177 [1 Feb. 1878] (Candolle 1878).

*Cabrlea pilosa* var. *glabrior* C.DC., *Fl. Bras. [Martius]* 11 (1): 177 [1 Feb. 1878] (Candolle 1878).

*Cabrlea warmingiana* C.DC., *Fl. Bras. [Martius]* 11 (1): 178 [1 Feb. 1878] (Candolle 1878).

*Cabrlea warmingiana* var. *coriacea* C.DC., *Fl. Bras. [Martius]* 11 (1): 178 [1 Feb. 1878] (Candolle 1878).

*Cabrlea lundii* C.DC., *Fl. Bras. [Martius]* 11 (1): 180 [1 Feb. 1878] (Candolle 1878).

*Cabrlea riedelii* C.DC., *Fl. Bras. [Martius]* 11 (1): 180 [1 Feb. 1878] (Candolle 1878).

*Cabrlea poeppigii* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 471 [June 1878] (Candolle 1878).

*Cabrlea lagoensis* var. *glabra* C.DC., *Bull. Herb. Boissier*, sér. 2, 1: 364 (Candolle 1901).

*Cabrlea schwackei* C.DC., *Bull. Herb. Boissier*, sér. 2, 1: 365 (Candolle 1901).

*Cabrlea brachystachya* C.DC., *Bull. Herb. Boissier*, sér. 2, 3: 412 (Candolle 1903).

*Cabrlea villosa* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 134 (Candolle 1907).

*Cabrlea eichleriana* var. *macrantha* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 136 (Candolle 1907).

*Cabrlea rojasii* C.DC., *Bull. Soc. Bot. Genève*, sér. 2, 6: 113 [“1914” publ. 1915] (Candolle 1915), “*Rojasii*”.

*Cabrlea oblongifoliola* C.DC., *Repert. Spec. Nov. Regni Veg.* 14: 403 (Candolle 1916).

*Cabrlea erismatica* A.C.Sm., *Bull. Torrey Bot. Club* 60 (5): 360 [May 1933] (Smith 1933).

*Cabrlea cauliflora* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 501 [30 June 1937] (Harms 1937).

*Cabrlea macrantha* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 502 [30 June 1937] (Harms 1937).

*Cabrlea lacaziana* Rizzini, *Leandra* 6: 33 (Rizzini 1975).

NOTE. — *J.-J. de Granville 1220* was collected on an inselberg on the Brazil-French Guiana border, a few meters on the Brazilian side. It is thus expected to occur in French Guiana.

VERNACULAR NAMES. — Br: cajarana, canjarana.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville 1220*.

SIZE. — Up to 40 cm dbh (Pennington *et al.* 1981).

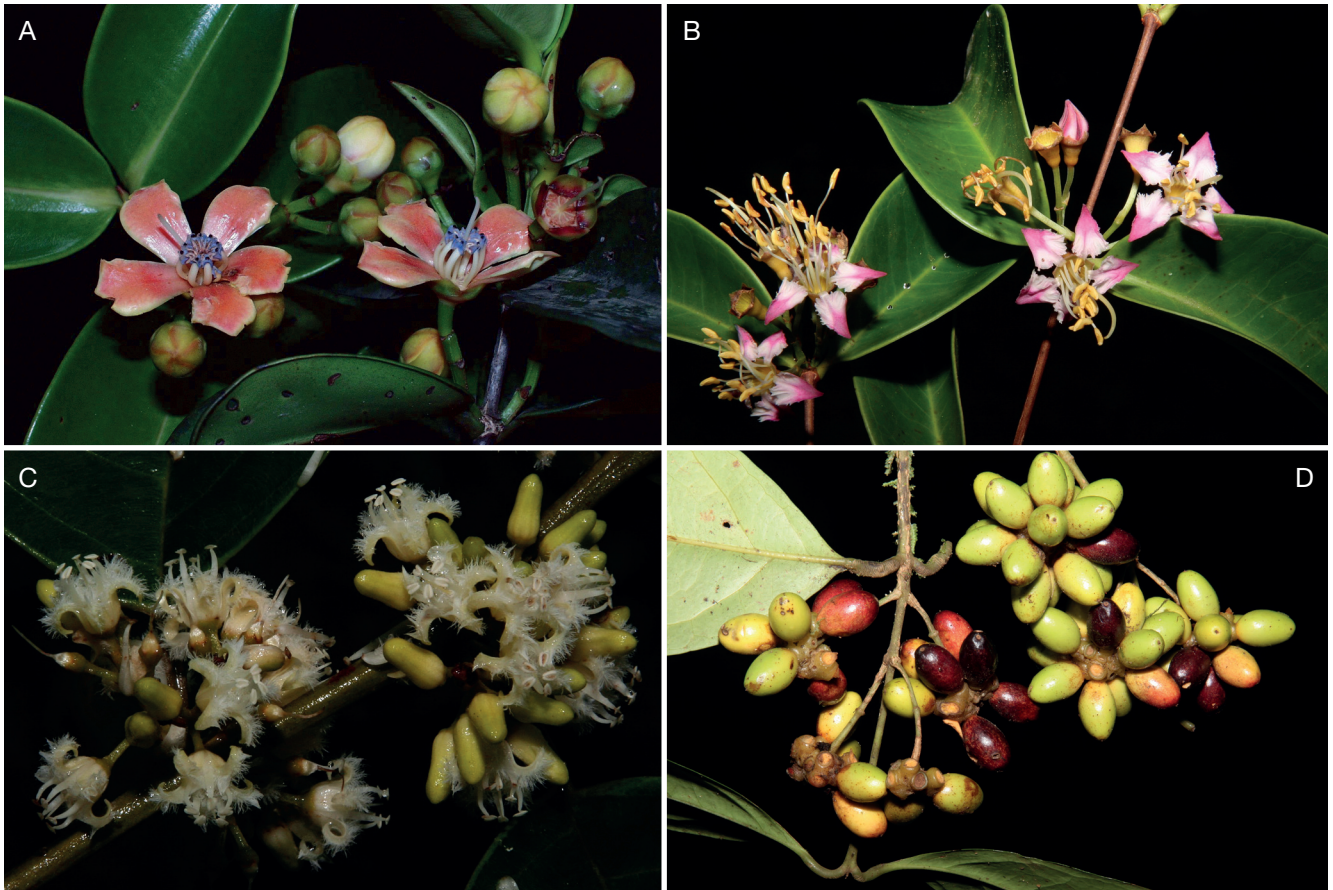


FIG. 37. — Melastomataceae: **A**, *Mouriri crassifolia* Sagot (J.-F. Molino et al. 2070); **B**, *Mouriri guianensis* Aubl. (M.-F. Prévost & D. Sabatier 5001). Metteniusaceae: **C**, *Emmotum fagifolium* Desv. ex Ham. Monimiaceae: **D**, *Mollinedia grazielae* Peixoto (D. Sabatier & J.-F. Molino 5755). © D. Sabatier/IRD.

Genus *Carapa* Aubl.

[1111] *Carapa guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 32 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Granatum guianense* (Aubl.) Kuntze, *Revis. Gen. Pl.* 1: 110 [5 Nov. 1891] (Kuntze 1891).

*Persoonia guareoides* Willd., *Sp. Pl.*, ed. 4 2 (1): 331 [Mar. 1799] (Willdenow 1799).

*Amapa guianensis* Steud., *Nomencl. Bot. [Steudel]* 1: 35 (Steudel 1821), *nom. nud.*

*Xylocarpus carapa* Spreng., *Syst. Veg. [Sprengel]* 2: 213 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Carapa guianensis*).

*Carapa latifolia* Willd. ex C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 718 [June 1878] (Candolle 1878), *nom. nud. pro syn.*

*Guarea mucronulata* C.DC., *Notizbl. Bot. Gart. Berlin-Dahlem* 7: 499 [15 Jan. 1917] (Candolle 1917).

*Carapa macrocarpa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 91 (Ducke 1922), *pro parte fructo excluso.*

NOTE. — Hyperdominant in Amazonia (ter Steege et al. 2020).

VERNACULAR NAMES. — Pa: tiviru • Ka: kalapa • Te: dzandi • Wp: yani, yani pilá, yani sī • Wn: kalapa • Nt: kaapa • Cr: karapa • Fr: carapa • Br: andiroba.

HERBARIUM DATA (FG). — 53 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM00075997]).

INVENTORY DATA (FG). — 170 trees in 42 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 80.2$  cm.

[1112] *Carapa surinamensis* Miq.

*Stirp. Surinam. Select.*: 75 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Pa: tiviru-seinō • Ka: ityumban kalapa • Te: dzandi • Wp: yani pilá • Wn: kalapa • Nt: kaapa • Cr: karapa • Fr: carapa • Br: andiroba.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: *S.A. Mori et al.* 26487.

INVENTORY DATA (FG). — 994 trees in 187 plots;  $F_{\max} = 4.4\%$ ;  $dbh_{\text{inv}} = 78.8$  cm.



Genus *Cedrela* P.Browne

[1113] *Cedrela fissilis* Vell.  
(Fig. 38A)

*Fl. Flumin.*: 75 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829). — *Surenus fissilis* (Vell.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela brasiliensis* A.Juss., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 86 [10 Oct. 1829] (Jussieu 1829).

*Cedrela brasiliensis* var. *australis* A.Juss., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 86 [10 Oct. 1829] (Jussieu 1829).

*Cedrela fissilis* var. *glabrior* C.DC., *Fl. Bras. [Martius]* 11 (1): 224 [1 Feb. 1878] (Candolle 1878).

*Cedrela fissilis* var. *macrocarpa* C.DC., *Bull. Herb. Boissier* 2: 574 (Candolle 1894).

*Cedrela barbata* C.DC., *Bull. Herb. Boissier* 2: 575 (Candolle 1894).

*Cedrela fuscata* Rojas Acosta, *Cat. Hist. Nat. Corrientes*: 154 (Rojas Acosta 1897), *nom. nud.*

*Cedrela hirsuta* C.DC., *Bull. Herb. Boissier*, sér. 2, 3: 413 (Candolle 1903).

*Cedrela caldasana* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 170 (Candolle 1907).

*Cedrela longiflora* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 173 (Candolle 1907).

*Cedrela pachyrhachis* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 174 (Candolle 1907).

*Cedrela regnellii* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 174 (Candolle 1907).

*Cedrela pilgeri* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 175 (Candolle 1907).

*Cedrela brunellioides* Rusby, *Bull. New York Bot. Gard.* 8 (28): 99 [23 Nov. 1912] (Rusby 1912), *pro parte folia exclusa.*

*Cedrela balansae* C.DC., *Bull. Soc. Bot. Genève*, sér. 2, 6: 119 [“1914” publ. 1915] (Candolle 1915).

*Cedrela tubiflora* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 135 (Bertoni 1918).

*Cedrela tubiflora* f. *angustifolia* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 137 (Bertoni 1918).

*Cedrela tubiflora* subsp. *bertoniensis* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 137 (Bertoni 1918).

*Cedrela tubiflora* var. *grandifolia* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 137 (Bertoni 1918). — *Cedrela tubiflora* f. *grandifolia* (Bertoni) M.Buchinger & Falcone, *Darwiniana* 10: 464 (Buchinger & Falcone 1953).

*Cedrela tubiflora* var. *intermedia* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 137 (Bertoni 1918).

*Cedrela tubiflora* var. *lagenaria* Bertoni, *Anales Ci. Parag.*, ser. 2, 2: 138 (Bertoni 1918).

*Cedrela alliacea* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 189 (Ducke 1922), *nom. nud. pro syn.*

*Cedrela huberi* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 189 (Ducke 1922).

*Cedrela macrocarpa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 189 (Ducke 1922).

*Cedrela tubiflora* f. *parvifoliola* M.Buchinger & Falcone, *Darwiniana* 10: 464 (Buchinger & Falcone 1953).

*Cedrela elliptica* Rizzini & Heringer, *Anais Acad. Brasil. Ci.* 38 (Suppl.): 111 [31 Dec. 1966] (Rizzini & Heringer 1966), “*Cedrella*”.

VERNACULAR NAMES. — Br: cedro-balata.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al.* 6161.

INVENTORY DATA (FG). — 1 tree, dbh = 20.5 cm.

[1114] *Cedrela odorata* L.

*Syst. Nat.*, ed. 10, 2: 940 [7 June 1759] (Linnaeus 1759).

*Cedrela brownii* Loefl., *Iter Hispan.* 183 (Loefling 1758). — *Surenus brownii* (Loefl.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela guianensis* A.Juss., *Mém. Mus. Hist. Nat.* 19: 295 (Jussieu 1830). — *Surenus guianensis* (A.Juss.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela paraguariensis* Mart., *Flora* 20 (2, Beibl.): 93 (Martius 1837).

*Cedrela mexicana* M.Roem., *Fam. Nat. Syn. Monogr.* 1: 137 (Roemer 1846). — *Surenus mexicana* (M.Roem.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela velloziana* M.Roem., *Fam. Nat. Syn. Monogr.* 1: 137 (Roemer 1846). — *Surenus velloziana* (M.Roem.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela glaziovii* C.DC., *Fl. Bras. [Martius]* 11 (1): 224 [1 Feb. 1878] (Candolle 1878). — *Surenus glaziovii* (C.DC.) Kuntze, *Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891).

*Cedrela adenophylla* Mart. ex C.DC., *Fl. Bras. [Martius]* 11 (1): 226 [1 Feb. 1878] (Candolle 1878), *nom. nud. pro syn.*

*Cedrela paraguariensis* var. *brachystachya* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 738 [June 1878] (Candolle 1878). — *Cedrela brachystachya* (C.DC.) C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 168 (Candolle 1907).

*Cedrela paraguariensis* var. *multijuga* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 738 [June 1878] (Candolle 1878).

*Cedrela dugesii* S.Watson, *Proc. Amer. Acad. Arts* 18: 190 (Watson 1883).

*Cedrela occidentalis* C.DC. & Rose, *Contr. U.S. Natl. Herb.* 5 (4): 190 [31 Oct. 1899] (Candolle & Rose 1899).

*Cedrela paraguariensis* var. *hassleri* C.DC., *Bull. Herb. Boissier*, sér. 2, 3: 413 (Candolle 1903). — *Cedrela hassleri* (C.DC.) C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 172 (Candolle 1907).

*Cedrela mexicana* var. *puberula* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 427 (Candolle 1905).

*Cedrela sintenisii* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 169 (Candolle 1907).

*Cedrela mourae* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 171 (Candolle 1907).

*Cedrela rotunda* S.F.Blake, *Proc. Biol. Soc. Washington* 33: 109 (Blake 1920).

*Cedrela whitfordii* S.F.Blake, *Proc. Biol. Soc. Washington* 33: 110 (Blake 1920).

*Cedrela yucatanica* S.F.Blake, *Proc. Biol. Soc. Washington* 33: 110 (Blake 1920).

*Cedrela ciliolata* S.F.Blake, *Proc. Biol. Soc. Washington* 34: 115 (Blake 1921).

*Cedrela longipes* S.F.Blake, *Contr. U.S. Natl. Herb.* 24 (1): 9 [11 Jan. 1922] (Blake 1922).

*Cedrela longipetiolulata* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 179 [20 Dec. 1927] (Harms 1927).

*Cedrela palustris* Handro, *Arg. Bot. Estado São Paulo* 3: 223 (Handro 1962).

*Cedrela odorata* var. *xerogeiton* Rizzini & Heringer, *Anais Acad. Brasil. Ci.* 38 (Suppl.): 112 [31 Dec. 1966] (Rizzini & Heringer 1966).

*Cedrela cubensis* Bisse, *Feddes Repert.* 85 (9-10): 595 (Bisse 1974).

VERNACULAR NAMES. — Pa: awayo, sedri-wahuyo • Ka: samaliyapo, simaliapo • Te: katsu • Wp: kaisu, kaisu pilá, kaisu sī • Wn: simali • Nt: sede, sedee • Cr: akajou-rouj, sèd-akajou, sèd-rouj • Fr: acajou de Guyane, cèdre rouge • Br: cedro-verdadeiro, cedro-vermelho.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J. Martin s.n.* (holotype of *Cedrela guianensis*: P[P01819654]; iso-, BM[BM000992023], F[V0064067F], K[K000700268, K000700269], NY[00053521], P[P01819655, P01819656], US[00108140, 00603677, 00603678, 00603679]).

INVENTORY DATA (FG). — 15 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 100$  cm.

#### Genus *Guarea* F.Allam.

##### [1115] *Guarea carinata* Ducke

*Trop. Woods* 76: 16 (Ducke 1943).

VERNACULAR NAMES. — Wp: payawalu'i sili.

HERBARIUM DATA (FG). — A single collection, *P. Grenand* 1527.

SIZE. — Brazil, Pará. *G.T. Prance* 1929 (MO), 15 m × 25 cm.

##### [1116] *Guarea cinnamomea* Harms

*Notizbl. Bot. Gart. Berlin-Dahlem* 13: 504 [30 June 1937] (Harms 1937).

*Guarea quadrangularis* M.E.Morales, *Revista Acad. Colomb. Ci. Exact.* 22 (84): 336 (Morales 1998).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman B-1017*.

SIZE. — Brazil, Acre. *C.A. Cid Ferreira et al.* 10505 (MO), 20 m × 35 cm.

##### [1117] *Guarea convergens* T.D.Penn.

*Fl. Neotrop. Monogr.* 28: 260 [4 Dec. 1981] (Pennington 1981).

HERBARIUM DATA (FG). — A single collection, *D. Loubry* 1774.

SIZE. — Brazil, Amazonas. *T.D. Pennington* 9967 (MO), 25 m × 35 cm.

##### [1118] *Guarea costata* A.Juss.

*Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: karavia-kamwi • Ka: pešolowa • Wp: yatoa'i sī.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *G.S. Perrottet s.n.* (type P[P02288018, P02288019]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.8$  cm.

##### [1119] *Guarea gomma* Pulle

*Recueil Trav. Bot. Néerl.* 6: 271 (Pulle 1909).

VERNACULAR NAMES. — Pa: karavia • Ka: siwaluwa, yukutuna • Wp: payawalu'i sili • Cr: bwa-jako • Br: jatuaúba-preta, jitó-da-terra-firme.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2784*.

INVENTORY DATA (FG). — 92 trees in 23 plots;  $F_{\max} = 3.5\%$ ;  $dbh_{\text{inv}} = 58.6$  cm.

##### [1120] *Guarea guidonia* (L.) Sleumer

*Taxon* 5 (8): 194 [Nov. 1956] (Sleumer 1956). — *Samyda guidonia* L., *Sp. Pl.* 1: 443 [1 May 1753] (Linnaeus 1753).

*Melia guara* Jacq., *Enum. Syst. Pl.*: 20 [Aug.-Sep. 1760] (Jacquin 1760). — *Trichilia guara* (Jacq.) L., *Sp. Pl.*, ed. 2, 1: 551 [Sep. 1762] (Linnaeus 1762). — *Guarea guara* (Jacq.) P.Wilson, *N. Amer. Fl.* 25 (4): 272 [10 Mar. 1924] (Wilson 1924).

*Guarea trichilioides* L., *Mant. Pl.* 2: 228 (Linnaeus 1771), *nom. illeg. superfl.* (based on *Trichilia guara*).

*Guarea brachystachya* Moc. & Sessé ex DC., *Prodr. [A. P. de Candolle]* 1: 624 [mid Jan. 1824] (Candolle 1824).

*Guarea multijuga* A.Juss., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 82 [10 Oct. 1829] (Jussieu 1829).

*Guarea purgans* A.Juss., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (13): 83 [10 Oct. 1829] (Jussieu 1829). — *Guarea tuberculata* Vell. var. *purgans* (A.Juss.) C.DC., *Fl. Bras. [Martius]* 11 (1): 191 [1 Feb. 1878] (Candolle 1878).

*Guarea aubletii* A.Juss., *Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea multiflora* A.Juss., *Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea bahiensis* Klotzsch, *Linnaea* 14: 300 (Klotzsch 1840).

- Trichilia aubletii* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 700 (Steudel 1841), *nom. nud.*
- Guarea trichilioides* var. *brachystachya* C.DC., *Fl. Bras. [Martius]* 11 (1): 184 [1 Feb. 1878] (Candolle 1878).
- Guarea trichilioides* var. *pallida* C.DC., *Fl. Bras. [Martius]* 11 (1): 184 [1 Feb. 1878] (Candolle 1878).
- Guarea alternans* C.DC., *Fl. Bras. [Martius]* 11 (1): 186 [1 Feb. 1878] (Candolle 1878).
- Guarea francavillana* C.DC., *Fl. Bras. [Martius]* 11 (1): 187 [1 Feb. 1878] (Candolle 1878).
- Guarea alba* C.DC., *Fl. Bras. [Martius]* 11 (1): 189 [1 Feb. 1878] (Candolle 1878), *nom. nud.*
- Guarea surinamensis* Miq. ex C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 543 [June 1878] (Candolle 1878), *nom. nud.*
- Sycocarpus rusbyi* Britton, *Bull. Torrey Bot. Club* 14 (7): 143 [July 1887] (Britton 1887). — *Guarea rusbyi* (Britton) Rusby, *Mem. Torrey Bot. Club* 6 (1): 17 (Rusby 1896).
- Guarea bilibil* C.DC., *Bull. Herb. Boissier* 2: 570 (Candolle 1894).
- Guarea sylvestris* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 335 [“1894-96” publ. Dec. 1895] (Moore 1895).
- Guarea rubricalyx* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 336 [“1894-96” publ. Dec. 1895] (Moore 1895).
- Guarea rubescens* C.DC., *Bull. Herb. Boissier*, sér. 2, 3: 407 (Candolle 1903).
- Guarea xiroresana* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 418 (Candolle 1905).
- Guarea trichilioides* var. *colombiana* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 138 (Candolle 1907).
- Guarea trichilioides* var. *decandra* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 139 (Candolle 1907).
- Guarea cabirme* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 143 (Candolle 1907).
- Guarea andreana* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 144 (Candolle 1907).
- Guarea eggersii* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 176 (Candolle 1907).
- Guarea campestris* C.DC., *Bull. Soc. Bot. Genève*, sér. 2, 6: 114 [“1914” publ. 1915] (Candolle 1915).
- Guarea parva* C.DC., *Smithsonian Misc. Collect.* 68 (6): 3 [23 July 1917] (Candolle 1917).
- Guarea racemiformis* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 241 [9 Sep. 1919] (Blake 1919).
- Guarea leticianiana* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 505 [30 June 1937] (Harms 1937).
- Guarea puberula* Pittier, *Bol. Soc. Venez. Ci. Nat.* 4: 357 (Pittier 1938).
- Guarea rubrisepala* Cuatrec., *Fieldiana, Bot.* 27 (1): 73 (Cuatrecasas 1950).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: atiwa'u, atuwai • Wp: yatoa'i sī • Wn: wapiju, wapiu • Nt: dyakoomata, dyankoo mata, kalapa-oyak • Cr: bwa-bal, bwa-gro-bèk, bwa-kalimé • Br: jatuaúba-branca, marinheiro.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holotype of *Guarea aubletii*: P[P02288037]; iso-, P[P02288038, P02288039, P02288040, P02288041]).

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21$  cm.

[1121] *Guarea kunthiana* A.Juss.  
(Fig. 38B)

*Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea densiflora* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 40 [8-11 Mar. 1843] (Poeppig 1843), *nom. illeg. hom., non Spreng.* (Sprengel 1827).

*Guarea poeppigii* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 371 (Triana & Planchon 1872).

*Trichilia polyantha* Poepp. ex Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 371 (Triana & Planchon 1872), *nom. nud. pro syn.*

*Guarea glauca* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 372 (Triana & Planchon 1872).

*Guarea pohlii* C.DC., *Fl. Bras. [Martius]* 11 (1): 195 [1 Feb. 1878] (Candolle 1878).

*Guarea pohlii* var. *glabra* C.DC., *Fl. Bras. [Martius]* 11 (1): 195 [1 Feb. 1878] (Candolle 1878).

*Guarea kunthiana* var. *densiflora* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 562 [June 1878] (Candolle 1878).

*Guarea kunthiana* var. *hahnii* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 562 [June 1878] (Candolle 1878), “*Hahnii*”.

*Guarea kunthiana* var. *hahniana* Krug & Urb. ex Duss, *Fl. Phan. Antill. Franç.* 128 [“1896” publ. 1897] (Duss 1897), “*Kunthianum, Hahnianum*”.

*Guarea pohlii* var. *glabrior* C.DC., *Bull. Herb. Boissier*, sér. 2, 1: 361 (Candolle 1901).

*Guarea grandifoliola* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 141 (Candolle 1907).

*Guarea oblongiflora* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 141 (Candolle 1907).

*Guarea simplicifolia* C.DC., *Notizbl. Königl. Bot. Gart. Berlin* 6: 499 [15 Jan. 1917] (Candolle 1917).

*Guarea williamsii* C.DC., *Smithsonian Misc. Collect.* 68 (6): 4 [23 July 1917] (Candolle 1917).

*Guarea membranacea* Rusby, *Mem. New York Bot. Gard.* 7: 279 (Rusby 1927).

*Guarea depauperata* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 243 [30 Mar. 1928] (Harms 1928).

*Guarea steinbachii* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 348 [20 June 1928] (Harms 1928).



FIG. 38. — Malvaceae: **A**, *Cedrela fissilis* (D. Sabatier et al. 6161); **B**, *Guarea kunthiana* A.Juss. (D. Sabatier et al. 6007); **C**, *Guarea pubescens* (Rich.) A.Juss. subsp. *pubescens* (J.-F. Molino & D. Sabatier 2505); **D**, *Trichilia quadrijugata* Kunth (D. Sabatier & J.-F. Molino 5702). A, B, D, © D. Sabatier/IRD; C, © J.-F. Molino/IRD.

*Guarea megaphylla* Cuatrec., *Fieldiana, Bot.* 27 (1): 73 (Cuatrecasas 1950).

*Guarea macrantha* Standl. & L.O. Williams, *Ceiba* 1 (4): 240 (Standley & Williams 1951).

NOTE. — Hyperdominant in Amazonia (ter Steege et al. 2020).

VERNACULAR NAMES. — Pa: ā-kamwi • Wp: yatoa'i • Nt: dyankoi mata • Cr: bwa-pistelé • Br: cedrorana, jatuaúba, jitó.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, P-JU[not seen]; iso-, K[K000380586, K000380587, K000380646]).

INVENTORY DATA (FG). — 129 trees in 36 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 57$  cm.

[1122] *Guarea macrophylla* Vahl  
subsp. *pachycarpa* (C.DC.) T.D.Penn.

*Fl. Neotrop. Monogr.* 28: 289 [4 Dec. 1981] (Pennington 1981).

*Guarea trichilioides* var. *pachycarpa* C.DC., *Fl. Bras. [Martius]* 11 (1): 184 [1 Feb. 1878] (Candolle 1878).

*Guarea rosea* C.DC., *Fl. Bras. [Martius]* 11 (1): 186 [1 Feb. 1878] (Candolle 1878).

*Guarea paraensis* C.DC., *Fl. Bras. [Martius]* 11 (1): 187 [1 Feb. 1878] (Candolle 1878).

*Guarea punctata* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 575 [June 1878] (Candolle 1878).

*Guarea costulata* C.DC., *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 237 (Candolle 1901).

*Guarea subsessiliflora* C.DC., *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 238 (Candolle 1901).

*Guarea subsessiliflora* var. *polyphyllaria* C.DC., *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 238 (Candolle 1901).

*Guarea guedesii* C.DC., *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 239 (Candolle 1901).

*Guarea bangii* Rusby, *Bull. Torrey Bot. Club* 49 (9): 262 [Sep. 1922] (Rusby 1922).

NOTE. — *G. macrophylla* is hyperdominant in Amazonia (ter Steege et al. 2020).

VERNACULAR NAMES. — Wp: kaliaku la ka'a, yatoa'i sili • Br: jitó-da-terra-firme.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 1221.

INVENTORY DATA (FG). — 32 trees in 3 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 43.4$  cm.

[1123] *Guarea megantha* A.Juss.

*Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830). — *Guarea megalantha* M.Roem., *Fam. Nat. Syn. Monogr.* 1: 120 (Roemer 1846), *nom. illeg. superfl.* (based on *Guarea megantha*).

*Guarea grandifolia* DC., *Prodr. [A. P. de Candolle]* 1: 624 [mid Jan. 1824] (Candolle 1824), *nom. illeg.* (*Melia guara* Jacq. in synonymy), *syn. nov.* — *Guarea grandiflora* Steud., *Nomencl. Bot. [Steudel]*, ed. 2: 709 (Steudel 1840), sphalm.

*Guarea gigantea* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 370 (Triana & Planchon 1872).

*Guarea chichon* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 147 (Candolle 1907).

*Guarea trompillo* C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 147 (Candolle 1907).

*Guarea culebrana* C.DC., *Smithsonian Misc. Collect.* 68 (6): 5 [23 July 1917] (Candolle 1917).

*Guarea longipetiolata* C.DC., *Smithsonian Misc. Collect.* 68 (6): 5 [23 July 1917] (Candolle 1917).

*Guarea pittieri* C.DC., *Smithsonian Misc. Collect.* 68 (6): 6 [23 July 1917] (Candolle 1917).

*Guarea borisii* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 503 [30 June 1937] (Harms 1937).

*Guarea mancharra* Cuatrec., *Fieldiana, Bot.* 27 (1): 71 (Cuatrecasas 1950).

NOTES. — A species known only from French Guiana. *G. megantha* A.Juss. was treated by Pennington & Clarkson (2013) as a synonym of *G. grandifolia* DC., but the latter is illegitimate because Candolle (1824: 62) cited *Melia guara* Jacq. in synonymy. *G. megantha* is the earliest legitimate name for this species. *G. grandifolia* is based on two distinct elements: 1) a specimen from French Guiana in G-DC (“*in Guianâ Gallica*”) and 2) fruits of *Melia guara* Jacq. from Cuba [synonym of *Trichilia guara* (Jacq.) L. and of *G. trichilioides* L., *nom. illeg. superfl.*] Candolle (1824) did not see the material of the latter, and copied Jacquin’s description of the fruit of *Melia guara*. Although illegitimate, *G. trichilioides* is the type of the conserved *Guarea* F.Allem. (not “F.Allem. ex L.”, see Wiersema *et al.* 2018), and a synonym of *G. guidonia* (L.) Sleumer. *Guarea grandiflora* Steud. is actually an erroneous spelling of *G. grandifolia*. The entry in Steudel (1840: 709) reads “*grandiflora* Dec. *trichilioides*”, but under *trichilioides*, it appears as “*G. grandifolia* Dec. 1”. “Dec.” stands for A. P. de Candolle, and *G. grandifolia* is the first entry in Candolle’s treatment of *Guarea*.

VERNACULAR NAMES. — Wp: payawalu’i • Wn: kalapaimë • Br: carrapeta, jatuaúba-preta.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *J. Martin s.n.* (lectotype of *Guarea megantha*, P[P02288028], here designated; isolecto-, P[P02288029, P02288030, P02288031, P02288032]).

INVENTORY DATA (FG). — 78 trees in 33 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 99$  cm.

[1124] *Guarea pubescens* (Rich.) A.Juss. subsp. *pubescens* (Fig. 38C)

*Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830). — *Trichilia pubescens* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792).

*Guarea affinis* A.Juss., *Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea richardiana* A.Juss., *Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea spicata* C.DC., *Fl. Bras. [Martius]* 11 (1): 194 [1 Feb. 1878] (Candolle 1878).

*Guarea huberi* C.DC., *Bull. Herb. Boissier*, sér. 2, 6: 984 (Candolle 1906).

*Guarea ulei* Harms ex C.DC., *Annuaire Conserv. Jard. Bot. Genève* 10: 148 (Candolle 1907).

*Ruarea microsepala* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 242 [30 Mar. 1928] (Harms 1928). — *Guarea microsepala* (Harms) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 767 (Macbride 1949).

*Guarea davisii* Sandwith, *Bull. Misc. Inform. Kew* 1933 (7): 330 [25 Sep. 1933] (Sandwith 1933).

*Guarea rhabdotocarpa* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 13: 506 [30 June 1937] (Harms 1937).

*Guarea concinna* Sandwith, *Kew Bull.* 3 (2): 309 [20 Nov. 1948] (Sandwith 1948).

*Guarea huberi* var. *peruviana* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 764 (Macbride 1949).

VERNACULAR NAMES. — Pa: isauminyo, kawap-kamwi • Ka: yemelu • Wp: kaliaku la ka’a, yatoa’i paye, yatoa’i sili • Wn: wapiu.

HERBARIUM DATA (FG). — 139 collections at CAY. Sel. exs.: *J.B. Leblond 61* (type G[G00340026]).

INVENTORY DATA (FG). — 242 trees in 64 plots;  $F_{\max} = 7.3\%$ ;  $dbh_{\text{inv}} = 41.2$  cm.

[1125] *Guarea pubescens* subsp. *pubiflora* (A.Juss.) T.D.Penn.

*Fl. Neotrop. Monogr.* 28: 298 [4 Dec. 1981] (Pennington 1981).

*Guarea pubiflora* A.Juss., *Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

*Guarea pubiflora* var. *parvifolia* C.DC., *Fl. Bras. [Martius]* 11 (1): 188 [1 Feb. 1878] (Candolle 1878).

*Guarea pubiflora* var. *angustifoliola* C.DC., *Bull. Herb. Boissier*, sér. 2, 6: 985 (Candolle 1906).

VERNACULAR NAMES. — Ka: yemelu • Wp: kaliaku la ka’a, yatoa’i paye, yatoa’i sili.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 904*, 10 m tall.

[1126] *Guarea scabra* A.Juss.

*Mém. Mus. Hist. Nat.* 19: 241 (Jussieu 1830).

VERNACULAR NAMES. — Pa: á-kamwi • Wp: payawalu’i sili.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (holo-, P-JU[not seen]; iso-, P[P02288143, P00671684]).

INVENTORY DATA (FG). — 19 trees in 5 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 29.9$  cm.

[1127] *Guarea silvatica* C.DC.

*Fl. Bras. [Martius]* 11 (1): 195 [1 Feb. 1878] (Candolle 1878).

*Guarea pedicellata* C.DC., *Fl. Bras. [Martius]* 11 (1): 196 [1 Feb. 1878] (Candolle 1878).

*Trichilia longeracemosa* Glaz., *Bull. Soc. Bot. France* 52 (Mém. 3a): 95 (Glaziou 1905), *nom. nud.*

*Guarea duckei* C.DC., *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 434 (Candolle 1909).

*Guarea bilocularis* C.DC., *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 435 (Candolle 1909).

*Guarea klugii* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 384 [30 Mar. 1932] (Harms 1932).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). One of five species whose relative density in tree communities likely indicative of pre-Columbian archeological sites in French Guiana (Molino *et al.* 2021).

VERNACULAR NAMES. — Pa: simartê, simatê • Wn: kalapi alekane • Nt: a-nyan-mi-kaasi udu • Br: jító.

HERBARIUM DATA (FG). — 72 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2332*.

INVENTORY DATA (FG). — 154 trees in 39 plots;  $F_{\max} = 4.4\%$ ;  $dbh_{\text{inv}} = 43.4$  cm.

[1128] *Guarea trunciflora* C.DC.

*Monogr. Phan. [A.DC. & C.DC.]* 1: 571 [June 1878] (Candolle 1878).

*Carapa sericea* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 39 [8-11 Mar. 1843] (Poeppig 1843).

NOTE. — Although *D. Sabatier & S. Gonzalez 5381* and *5399*, from French Guiana, were both identified as *G. trunciflora* C.DC. in Pennington & Clarkson (2013), French Guiana was not mentioned in the species distribution.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & S. Gonzalez 5381*.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.3$  cm.

Genus *Trichilia* P.Browne[1129] *Trichilia cipo* (A.Juss.) C.DC.

*Fl. Bras. [Martius]* 11 (1): 214 [1 Feb. 1878] (Candolle 1878). — *Moschoxylum cipo* A.Juss., *Mém. Mus. Hist. Nat.* 19: 239 (Jussieu 1830).

*Trichilia sampoioana* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 387 [30 Mar. 1932] (Harms 1932).

*Trichilia froesii* A.C.Sm., *Bull. Torrey Bot. Club* 61 (4): 193 [Apr. 1934] (Smith 1934).

NOTE. — Jussieu (1830: 280) cited the material studied as “*Hab. in Guiana (v.s. in herb. Richard qui florentem legerat in ripis fluvii Kourou et e cuius notis mss. quaedam his excerptis; Mus.; Gay.)*”

Therefore he stated that the original material was collected by L.C. Richard near the Kourou River, and is deposited at P. There are four original sheets with this name at P, that with barcode P02274150 has the original label and drawings by L.C. Richard. Pennington *et al.* (1981: 152) overlooked the information on these specimens and stated that their collector is unknown.

VERNACULAR NAMES. — Wp: iwawo sówĩ • Br: louro-í.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P02274150]; iso-, P[P02274151, P02274152, P02274153]).

INVENTORY DATA (FG). — 86 trees in 21 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 32.8$  cm.

[1130] *Trichilia euneura* C.DC.

*Monogr. Phan. [A.DC. & C.DC.]* 1: 673 [June 1878] (Candolle 1878).

*Trichilia stelligera* Radlk., *Repert. Spec. Nov. Regni Veg.* 9: 372 (Radlkofer 1911).

VERNACULAR NAMES. — Wp: walili tuli.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holo-, G-DC[not seen]; iso-, G[G00352502], P[P02274170, P02274171, P02274172]).

INVENTORY DATA (FG). — 34 trees in 22 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 42.8$  cm.

[1131] *Trichilia lepidota* Mart.  
subsp. *leucastera* (Sandwith) T.D.Penn.

*Fl. Neotrop. Monogr.* 28: 40 [4 Dec. 1981] (Pennington 1981). — *Trichilia leucastera* Sandwith, *Bull. Misc. Inform. Kew* 1933 (7): 328 [25 Sep. 1933] (Sandwith 1933).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2705*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.8$  cm.

[1132] *Trichilia martiana* C.DC.

*Fl. Bras. [Martius]* 11 (1): 205 [1 Feb. 1878] (Candolle 1878).

*Trichilia insignis* C.DC., *Fl. Bras. [Martius]* 11 (1): 206 [1 Feb. 1878] (Candolle 1878).

*Trichilia gaudichaudii* C.DC., *Fl. Bras. [Martius]* 11 (1): 209 [1 Feb. 1878] (Candolle 1878).

*Trichilia caucana* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 669 [June 1878] (Candolle 1878).

*Trichilia cuneata* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 642 (Radlkofer 1879).

*Trichilia fuscescens* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 641 (Radlkofer 1879).

*Trichilia heydeana* C.DC., *Bot. Gaz.* 19 (1): 3 [17 Jan. 1894] (Candolle 1894).

*Trichilia acutanthera* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 422 (Candolle 1905).

*Trichilia biolleyi* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 423 (Candolle 1905).

*Trichilia obtusantha* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 423 (Candolle 1905).

*Trichilia tonduzii* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 423 (Candolle 1905).

*Trichilia biolleyi* var. *nicoyensis* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 424 (Candolle 1905).

*Trichilia chiriquina* C.DC., *Smithsonian Misc. Collect.* 68 (6): 6 [23 July 1917] (Candolle 1917).

*Trichilia oaxacana* S.F.Blake, *Contr. Gray Herb.* 53: 58 [26 Feb. 1918] (Blake 1918).

*Trichilia izabalana* S.F.Blake, *Contr. U.S. Natl. Herb.* 24 (1): 10 [11 Jan. 1922] (Blake 1922).

*Trichilia colombiana* Cuatrec., *Fieldiana, Bot.* 27 (1): 81 (Cuatrecasas 1950).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-734*.

INVENTORY DATA (FG). — 17 trees in 10 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 47.6$  cm.

[1133] *Trichilia micrantha* Benth.

*Hooker's J. Bot. Kew Gard. Misc.* 3: 369 (Bentham 1851).

*Trichilia roraimana* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 670 [June 1878] (Candolle 1878).

*Trichilia harmsii* Rusby, *Bull. New York Bot. Gard.* 4 (14): 338 [7 Dec. 1907] (Rusby 1907).

*Trichilia acaricaeantha* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 431 [31 Oct. 1925] (Harms 1925).

*Trichilia buchtiinii* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 386 [30 Mar. 1932] (Harms 1932).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kawap-kamwi • Nt: samaati • Br: cedro-bravo, jitó-branco.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3333*.

INVENTORY DATA (FG). — 80 trees in 46 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 25.9$  cm.

[1134] *Trichilia micropetala* T.D.Penn.

*Fl. Neotrop. Monogr.* 28: 172 [4 Dec. 1981] (Pennington 1981).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Moretti 979*.

INVENTORY DATA (FG). — 6 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.5$  cm.

[1135] *Trichilia pallida* Sw.

*Prodr. [Swartz]:* 67 [20 Jun.-29 July 1788] (Swartz 1788).

*Portesia ovata* Cav., *Diss.* 7: 369 (Cavanilles 1789).

*Guarea obtusifolia* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 6 [19 Oct. 1789] (Lamarck 1789).

*Hedwigia simplicifolia* Spreng., *Neue Entdeck. Pflanzenk.* 3: 24 (Sprengel 1822). — *Trichilia simplicifolia* (Spreng.) Spreng., *Syst. Veg. [Sprengel]* 3: 69 [Jan.-Mar. 1826] (Sprengel 1826). — *Portesia simplicifolia* (Spreng.) M.Roem., *Fam. Nat. Syn. Monogr.* 1: 115 (Roemer 1846).

*Trichilia montana* Kunth, *Nova genera et species plantarum [H.B.K.]* 7: 226 [25 Apr. 1825] (Kunth 1825). — *Portesia montana* (Kunth) M.Roem., *Fam. Nat. Syn. Monogr.* 1: 115 (Roemer 1846).

*Trichilia portoricensis* Spreng., *Syst. Veg. [Sprengel]* 3: 68 [Jan.-Mar. 1826] (Sprengel 1826).

*Trichilia diversifolia* A.Juss., *Mém. Mus. Hist. Nat.* 19: 237 (Jussieu 1830). — *Portesia diversifolia* (A.Juss.) M.Roem., *Fam. Nat. Syn. Monogr.* 1: 116 (Roemer 1846). — *Pholacilia diversifolia* (A.Juss.) Griseb., *Fl. Brit. W.I. [Grisebach]:* 130 [June 1859] (Grisebach 1859).

*Trichilia trinitensis* A.Juss., *Mém. Mus. Hist. Nat.* 19: 237 (Jussieu 1830). — *Portesia trinitensis* (A.Juss.) M.Roem., *Fam. Nat. Syn. Monogr.* 1: 116 (Roemer 1846). — *Pholacilia trinitensis* (A.Juss.) Griseb., *Fl. Brit. W.I. [Grisebach]:* 130 [June 1859] (Grisebach 1859).

*Portesia echinocarpa* de Vriese, *Ned. Kruidk. Arch.* 1 (3): 251 (de Vriese 1847). — *Trichilia echinocarpa* (de Vriese) Walp., *Ann. Bot. Syst. [Walpers]* 2 (2): 227 [21-24 Jan. 1852] (Walpers 1852).

*Trichilia excelsa* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 368 (Bentham 1851).

*Trichilia macrophylla* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 369 (Bentham 1851).

*Trichilia goudotiana* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 370 (Triana & Planchon 1872).

*Trichilia weddellii* C.DC., *Fl. Bras. [Martius]* 11 (1): 201 [1 Feb. 1878] (Candolle 1878).

*Trichilia weddellii* var. *parvifolia* C.DC., *Fl. Bras. [Martius]* 11 (1): 201 [1 Feb. 1878] (Candolle 1878).

*Trichilia weddellii* var. *stylosa* C.DC., *Fl. Bras. [Martius]* 11 (1): 201 [1 Feb. 1878] (Candolle 1878).

*Trichilia mollis* C.DC., *Fl. Bras. [Martius]* 11 (1): 202 [1 Feb. 1878] (Candolle 1878).

*Trichilia riedelii* C.DC., *Fl. Bras. [Martius]* 11 (1): 202 [1 Feb. 1878] (Candolle 1878).

*Trichilia flava* C.DC., *Fl. Bras. [Martius]* 11 (1): 203 [1 Feb. 1878] (Candolle 1878).

*Trichilia brachystachya* Klotzsch ex C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 650 [June 1878] (Candolle 1878).

*Trichilia montana* var. *fendleriana* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 654 [June 1878] (Candolle 1878).

*Trichilia peruwiana* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 654 [June 1878] (Candolle 1878).

*Trichilia lobulata* C.DC., *Bull. Herb. Boissier*, sér. 2, 1: 364 (Candolle 1901).

*Trichilia montana* var. *acutivalvis* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 422 (Candolle 1905).

*Trichilia laminensis* Barb.Rodr., *Contr. Jard. Bot. Rio de Janeiro* 4: 89 (Barbosa Rodrigues 1907).

*Trichilia triphylla* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 243 [9 Sep. 1919] (Blake 1919).

*Trichilia pauciflora* Rusby, *Mem. New York Bot. Gard.* 7: 280 (Rusby 1927).

*Trichilia truncata* Leonard, *J. Wash. Acad. Sci.* 17: 68 (Leonard 1927).

*Trichilia gigantophylla* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 246 [30 Mar. 1928] (Harms 1928).

*Trichilia davisii* Sandwith, *Bull. Misc. Inform. Kew* 1933 (7): 329 [25 Sep. 1933] (Sandwith 1933).

*Trichilia subsimplex* Steyerl., *Fieldiana, Bot.* 28 (2): 279 (Steyermark 1952).

*Trichilia skutchii* C.V.Morton & P.H.Allen, *Rain Forests Golfo Dulce*: 347 (Morton & Allen 1956).

VERNACULAR NAMES. — Ka: malakatano • Br: бага-де-морцего, catiguá.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 2716.

INVENTORY DATA (FG). — 187 trees in 42 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 41.4$  cm.

[1136] *Trichilia quadrijuga* Kunth  
(Fig. 38D)

*Nova genera et species plantarum* [H.B.K.] 5: 215 [25 Feb. 1822] (Kunth 1822). — *Odontandra quadrijuga* (Kunth) Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 5, 15: 374 (Triana & Planchon 1872).

*Moschoxylum pentandrum* Poepp. & Endl., *Nova genera ac species plantarum* [Poepig & Endlicher] 3: 39 [8-11 Mar. 1843] (Poepig & Endlicher 1843), “*Moschoxylon*”.

*Moschoxylum propinquum* Miq., *Stirp. Surinam. Select.*: 74 [“1850” publ. Mar. 1851] (Miquel 1851). — *Trichilia propinqua* (Miq.) C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 693 [June 1878] (Candolle 1878).

*Trichilia paraensis* C.DC., *Fl. Bras. [Martius]* 11 (1): 213 [1 Feb. 1878] (Candolle 1878).

*Trichilia tocachiana* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 701 [June 1878] (Candolle 1878).

*Rourea bakeriana* Britton, *Bull. Torrey Bot. Club* 16 (7): 192 [6 July 1889] (Britton 1889).

*Trichilia paracaimana* C.DC., *Notizbl. Königl. Bot. Gart. Berlin* 6: 501 [15 Jan. 1917] (Candolle 1917).

*Trichilia alta* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 241 [9 Sep. 1919] (Blake 1919).

*Trichilia curranii* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 242 [9 Sep. 1919] (Blake 1919).

*Trichilia compacta* A.C.Sm., *Lloydia* 2 (3): 186 (Smith 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: iwawo • Cr: lansan-ti-fèy • Br: breu-maxixe, pau-rosa-branca.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost* & *P. Grenand* 885.

INVENTORY DATA (FG). — 51 trees in 19 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[1137] *Trichilia schomburgkii* C.DC.

*Monogr. Phan. [A.DC. & C.DC.]* 1: 695 [June 1878] (Candolle 1878).

*Trichilia subsessilifolia* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 685 [June 1878] (Candolle 1878).

*Trichilia cuneifolia* Pulle, *Recueil Trav. Bot. Néerl.* 6: 272 (Pulle 1909).

*Trichilia siqueiraei* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 192 (Ducke 1922).

VERNACULAR NAMES. — Pa: ahuwahu-puvemna, auwau-puvemna, kawap • Ka: alawata pana, inyamu ekunali wewe • Wp: yatoa'ì sī • Wn: akalali.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3090.

INVENTORY DATA (FG). — 181 trees in 64 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 57.3$  cm.

[1138] *Trichilia septentrionalis* C.DC.

*Fl. Bras. [Martius]* 11 (1): 220 [1 Feb. 1878] (Candolle 1878).

*Trichilia moritzii* C.DC., *Monogr. Phan. [A.DC. & C.DC.]* 1: 707 [June 1878] (Candolle 1878).

*Trichilia polyneura* C.DC., *Bull. Herb. Boissier*, sér. 2, 5: 426 (Candolle 1905).

*Trichilia lanceolata* Pittier, *Arb. Arbust. Venez.* 1: 8 (Pittier 1921), *nom. illeg. hom., non* C.DC. (Candolle 1878).

*Trichilia euryspala* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 246 [30 Mar. 1928] (Harms 1928).

*Trichilia krukovii* A.C.Sm., *Bull. Torrey Bot. Club* 60 (5): 360 [May 1933] (Smith 1933).

*Trichilia magnifica* Baehni & J.F.Macbr., *Candollea* 5: 380 (Baehni & Macbride 1934).

*Trichilia grandis* Lasser & Maguire, *Bol. Soc. Venez. Ci. Nat.* 15: 101 (Lasser & Maguire 1954).

VERNACULAR NAMES. — Pa: kawap • Ka: papelilan • Wp: yatoa'ì sī, yatoa'ì u.

HERBARIUM DATA (FG). — 75 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 4914.

INVENTORY DATA (FG). — 142 trees in 23 plots;  $F_{\max} = 6.1\%$ ;  $dbh_{\text{inv}} = 32.5$  cm.



[1139] *Trichilia surinamensis* (Miq.) C.DC.

*Monogr. Phan. [A.DC. & C.DC.]* 1: 697 [June 1878] (Candolle 1878). — *Moschoxylum surinamense* Miq., *Stirp. Surinam. Select.*: 73 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Wp: wila pisi’u, yatoa’i u.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2797*.

INVENTORY DATA (FG). — 82 trees in 29 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 27.4$  cm.

[1140] *Trichilia* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 5648*.

INVENTORY DATA (FG). — 8 trees in 3 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 35$  cm.

Family METTENIUSACEAE H.Karst.ex Schnizl.

Genus *Dendrobangia* Rusby

[1141] *Dendrobangia boliviana* Rusby

*Mem. Torrey Bot. Club* 6 (1): 19 (Rusby 1896).

*Clavapetalum surinamense* Pulle, *Recueil Trav. Bot. Néerl.* 9: 148 (Pulle 1912).

*Asterolepidion elatum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 207 (Ducke 1922). — *Clavapetalum elatum* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 116 (Ducke 1925).

*Dendrobangia tenuis* Ducke, *Bol. Těcn. Inst. Agron. N.* 4: 15 [31 Mar. 1945] (Ducke 1945).

VERNACULAR NAMES. — Pa: aituwu • Ka: melimeli • Wp: wila iki’ŷy • Nt: taapu tiki • Cr: bwa-léchèl • Fr: bois échelle • Br: caferana, ivaí, pombinho.

HERBARIUM DATA (FG). — 82 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 946*.

INVENTORY DATA (FG). — 371 trees in 102 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 64.3$  cm.

Genus *Emmotum* Desv.

[1142] *Emmotum fagifolium* Desv. ex Ham.  
(Fig. 37C)

*Prodr. Pl. Ind. Occid. [Hamilton]:* 29 [Oct. 1825] (Hamilton 1825).

*Pogopetalum acutum* Benth., *London J. Bot.* 2: 377 (Bentham 1843).

VERNACULAR NAMES. — Nt: tyentyen udu • Cr: bwa-agouti • Br: muiraximbé, pau-de-sobre.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *A.N. Desvaux s.n.* (holo-, P[P00060476]; iso-, P[P00060477]).

INVENTORY DATA (FG). — 24 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 78.9$  cm.

Genus *Poraqueiba* Aubl.

[1143] *Poraqueiba guianensis* Aubl.

*Hist. Pl. Guiane* 1: 123 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Poraqueiba surinamensis* Miers, *Ann. Mag. Nat. Hist.*, ser. 2, 9 (54): 483 [June 1852] (Miers 1852).

VERNACULAR NAMES. — Pa: ahakyu-kamwi, ahikyu-kamwi, kanegma • Ka: aletepe, walulan • Br: umari-bravo.

HERBARIUM DATA (FG). — 64 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777819] designated by Lanjouw & Uittien [1940: 155]; isolecto-, BM[BM000839695]).

INVENTORY DATA (FG). — 705 trees in 130 plots;  $F_{\max} = 4.9\%$ ;  $dbh_{\text{inv}} = 43.4$  cm.

Family MONIMIACEAE Juss.

Genus *Mollinedia* Ruiz & Pav.

[1144] *Mollinedia grazielae* Peixoto  
(Fig. 37D)

*Bradea* 4 (41): 332 (Peixoto 1987).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-J. de Granville 7734*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $dbh_{\text{inv}} = 16$  cm.

[1145] *Mollinedia ovata* Ruiz & Pav.

*Syst. Veg. Fl. Peruv. Chil.* 1: 143 [late Dec. 1798] (Ruiz & Pavón 1798).

*Tetratome latifolia* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 47 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838). — *Mollinedia latifolia* (Poepp. & Endl.) Tul., *Arch. Mus. Hist. Nat.* 8: 402 (Tulasne 1855).

*Mollinedia laurina* Tul., *Ann. Sci. Nat., Bot. sér.* 4, 3: 43 [May 1855] (Tulasne 1855).

*Mollinedia grosseserrata* Perkins, *Bot. Jahrb. Syst.* 27 (5): 673 [23 Feb. 1900] (Perkins 1900).

*Mollinedia rusbyana* Perkins, *Bot. Jahrb. Syst.* 27 (5): 682 [23 Feb. 1900] (Perkins 1900).

*Mollinedia grandifolia* Perkins, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 158 [20 Dec. 1927] (Perkins 1927).

*Mollinedia tessmannii* Perkins, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 159 [20 Dec. 1927] (Perkins 1927).

*Mollinedia casca* J.F.Macbr., *Candollea* 5: 352 (Macbride 1934).

*Mollinedia krukovii* A.C.Sm., *Phytologia* 1 (3): 114 [21 Jan. 1935] (Smith 1935).

*Mollinedia ptariensis* Steyermark., *Fieldiana, Bot.* 28 (1): 235 (Steyermark 1951).

*Mollinedia glabricaulis* Maguire & Steyer., *Mem. New York Bot. Gard.* 51: 115 (Maguire & Steyermark 1989).

*Mollinedia neblinensis* Maguire & Steyer., *Mem. New York Bot. Gard.* 51: 113 (Maguire & Steyermark 1989).

VERNACULAR NAMES. — Pa: peruvia-kamwi • Wp: alasiku sili.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *G. Cremers 6509*.

SIZE. — Up to 15 m tall (Berry & Peixoto 1999).

Family MORACEAE Gaudich.  
Genus *Bagassa* Aubl.

[1146] *Bagassa guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 15 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Piper tiliifolium* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 4 [Oct. 1825] (Hamilton 1825), “*tiliaefolium*”. — *Laurea tiliifolia* (Desv. ex Ham.) Gaudich., *Voy. Uranie, Bot.*: 513 [“1826” publ. 6 Mar. 1830] (Gaudichaud 1830), “*tiliaefolia*”. — *Bagassa tiliifolia* (Desv. ex Ham.) Benoist, *Arch. Bot.* 5 (Mém. 1): 31 [27 Mar. 1933] (Benoist 1933), “*tiliaefolia*”.

*Bagassa sagotiana* Bureau ex Benth. & Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 3 (1): 362 [7 Feb. 1880] (Bentham & Hooker 1880).

NOTE. — Gaudichaud (1830: 513) based his *Laurea tiliifolia* on “*Piper tiliifolium* Desvaux mss. in herb. Desf. Mus. In Guyanâ (Cayenne) Martin Ded.”. This is undoubtedly the type of *Piper tiliifolium* Desv. ex Ham. The latter name is thus the basionym of both *L. tiliifolia* and *B. tiliifolia*.

VERNACULAR NAMES. — Pa: pakad • Ka: pakasa • Te: pakatsa • Wp: pakasa • Nt: kaw udú, odun • Cr: bagas • Fr: bagasse • Br: bagaceira, tatajuba.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993272]).

INVENTORY DATA (FG). — 26 trees in 21 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 126$  cm.

Genus *Batocarpus* H.Karst.

[1147] *Batocarpus amazonicus* (Ducke) Fosberg

*Proc. Biol. Soc. Washington* 55: 101 (Fosberg 1942). — *Anonocarpus amazonicus* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 39 (Ducke 1922).

*Batocarpus maranhensis* Emygdio & Emmerich, *Bol. Mus. Nac. Rio de Janeiro, Bot.* 37: 9 (Emygdio & Emmerich 1968).

VERNACULAR NAMES. — Pa: amap • Br: guariúba-branca, mururé.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier 28*.

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.8$  cm.

Genus *Brosimum* Sw.

[1148] *Brosimum acutifolium* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 66 (Huber 1910). — *Brosimopsis acutifolia* (Huber) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 30 (Ducke 1922). — *Piratinera acutifolia* (Huber) Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 100 [18 June 1918] (Pittier 1918).

VERNACULAR NAMES. — Pa: tauni • Ka: takini • Te: takweni • Wp: takweni • Nt: takinan • Cr: bwa-mondan, takini • Fr: bois tarin, takini • Br: mururé.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2585*.

INVENTORY DATA (FG). — 59 trees in 36 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 83$  cm.

[1149] *Brosimum guianense* (Aubl.) Huber  
(Fig. 39A)

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 337 (Huber 1909), “*guyanense*”. — *Piratinera guianensis* Aubl., *Hist. Pl. Guiane* 2: 888 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Brosimum aubletii* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 34 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838), *nom. illeg. superfl.* (based on *Piratinera guianensis*). — *Allicastrum guianense* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 623 [5 Nov. 1891] (Kuntze 1891).

*Brosimum discolor* Schott, *Syst. Veg. [Sprengel]* 4 (2): 403 [Jan.-June 1827] (Schott 1827). — *Piratinera discolor* (Schott) Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 100 [18 June 1918] (Pittier 1918).

*Piratinera panamensis* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 100 [18 June 1918] (Pittier 1918). — *Brosimum panamense* (Pittier) Standl. & Steyer., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (2): 40 [14 Feb. 1944] (Standley & Steyermark 1944).

*Brosimum lecointei* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 28 (Ducke 1922), “*Le Cointei*”.

*Piratinera scabridula* S.F.Blake, *J. Wash. Acad. Sci.* 12: 397 (Blake 1922).

*Piratinera velutina* S.F.Blake, *J. Wash. Acad. Sci.* 12: 398 (Blake 1922). — *Brosimum velutinum* (S.F.Blake) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 1 (Ducke 1925).

*Piratinera lemeei* Benoist, *Bull. Mus. Natl. Hist. Nat.* 31: 468 (Benoist 1925). — *Brosimum lemeei* (Benoist) Lemée, *Fl. Guyane Franç.* 1: 510 (Lemée 1955).

*Brosimum tessmannii* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 190 [20 Dec. 1927] (Mildbraed 1927).

*Piratinera mollis* Killip, *J. Wash. Acad. Sci.* 26: 358 (Killip 1936).

*Brosimum palmarum* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 158 (Standley 1937).

*Brosimum rotundatum* Standl., *Bull. Torrey Bot. Club* 75 (3): 293 [May-June 1948] (Standley 1948).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: paig, paig-seine, pairi, pairi-priye, pairi-seinô • Ka: paidya, paidya tubulu, paila, tokolo abolimeli, tokolo

pailali • Te: paila • Wp: paila, paila wili • Wn: paila • Nt: bofo paaya, bofo paaya, paaya, pende paaya • Cr: bwa-lèt, bwa-lèt-moucheté • Fr: amourette, amourette tachetée, bois d'arc, bois de lettre moucheté • Br: muira-pinima, pau-rainha-roxo, pau-tartaruga.

HERBARIUM DATA (FG). — 94 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM, [BM000993312], P[P00089329], P-JU[P00089328]).

INVENTORY DATA (FG). — 401 trees in 142 plots;  $F_{\max} = 4.6\%$ ;  $dbh_{\text{inv}} = 70.6$  cm.

[1150] *Brosimum lactescens* (S.Moore) C.C.Berg

*Acta Bot. Neerl.* 19: 326 (Berg 1970). — *Brosimopsis lactescens* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 473 [“1894-96” publ. Dec. 1895] (Moore 1895).

*Brosimopsis diandra* S.F.Blake, *Proc. Biol. Soc. Washington* 35: 180 (Blake 1922).

*Brosimopsis oblongifolia* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 31 (Ducke 1922).

*Brosimopsis amplifolia* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 3 (Ducke 1925).

*Brosimum ojoche* Woodson, *Ann. Missouri Bot. Gard.* 47: 126 (Woodson 1960).

*Brosimum belizense* Lundell, *Wrightia* 3 (8): 166 (Lundell 1966).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: api, paila lá • Br: leiteira, muiratinga.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *A.H. Gentry et al.* 63044.

INVENTORY DATA (FG). — 31 trees in 12 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 79.1$  cm.

[1151] *Brosimum parinarioides* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 27 (Ducke 1922).

VERNACULAR NAMES. — Pa: amap • Te: ulukupi • Wp: amapakuwa, amapala, amapalá • Nt: dokali • Cr: mapa • Br: amapá-doce, amapá-rana, mururérana.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25711.

INVENTORY DATA (FG). — 45 trees in 34 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 101.2$  cm.

[1152] *Brosimum rubescens* Taub.

*Bot. Jahrb. Syst.* 12 (Beibl. 27): 4 [24 June 1890] (Taubert 1890). — *Alicastrum rubescens* (Taub.) Taub., *Bot. Jahrb. Syst.* 15 (Beibl. 34): 16 [5 Apr. 1892] (Taubert 1892). — *Piratinera rubescens* (Taub.) Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 100 [18 June 1918] (Pittier 1918).

*Ferolia guianensis* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 7 [Jun.-Dec. 1775] (Aublet 1775). — *Parinari guianensis* (Aubl.) Lemée, *Fl.*

*Guyane Franç.* 2: 25 (Lemée 1952), *nom. illeg. hom., non P. guyanensis* Fritsch (1890).

*Brosimum paraense* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 67 (Huber 1910), “*paraënsis*”. — *Piratinera paraensis* (Huber) Benoist, *Arch. Bot.* 5 (Mém. 1): 45 [27 Mar. 1933] (Benoist 1933).

*Brosimum lanciferum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 24 (Ducke 1922). — *Piratinera lancifera* (Ducke) Benoist, *Arch. Bot.* 5 (Mém. 1): 46 [27 Mar. 1933] (Benoist 1933).

*Brosimum angustifolium* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 25 (Ducke 1922).

*Brosimum caloxylon* Standl., *Trop. Woods* 17: 11 [Mar. 1929] (Standley 1929).

*Brosimum platyneurum* Ducke, *Arq. Serv. Florest.* 1: 4 (Ducke 1939).

*Brosimum longistipulatum* Ducke, *Trop. Woods* 90: 7 (Ducke 1947).

*Brosimum brevipedunculatum* Ducke, *Trop. Woods* 90: 8 (Ducke 1947).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: paig-purubumna, paig-puvemna, paig-seine, pairi-purubumna, pairi-puvemna, pairi-seinó, tubá-pairi • Ka: paidya tabile, tukusi pailali • Wp: api, paila lá • Wn: pailaimë • Nt: dokali, paaya • Cr: bwa-lèt-rouj, satiné-ribanné • Fr: bois de lettre rouge, bois satin (*fide* Aublet 1775), férole (*fide* Aublet 1775), satiné rubané • Br: garrote, muira-piranga, pau-rainha, pau-tartaruga.

HERBARIUM DATA (FG). — 67 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 15162.

INVENTORY DATA (FG). — 234 trees in 123 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 113$  cm.

[1153] *Brosimum utile* (Kunth) Oken  
subsp. *ovatifolium* (Ducke) C.C.Berg

*Acta Bot. Neerl.* 19: 328 (Berg 1970). — *Brosimum ovatifolium* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 25 (Ducke 1922).

*Brosimum rigidum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 27 (Ducke 1922).

*Brosimum krukovii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 157 (Standley 1937).

*Brosimum pallescens* Ducke, *Arq. Serv. Florest.* 1: 3 (Ducke 1939).

NOTE. — *Brosimum utile* (Kunth) Oken is hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: ulukupi, ulukupi sili • Nt: dokali • Br: leiteira, turury.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2780.

INVENTORY DATA (FG). — 62 trees in 50 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 114.5$  cm.

Genus *Clarisia* Ruiz & Pav.[1154] *Clarisia ilicifolia* (Spreng.) Lanj. & Rossberg

*Recueil Trav. Bot. Néerl.* 33: 717 (Lanjouw & Rossberg 1936). — *Excoecaria ilicifolia* Spreng., *Neue Entdeck. Pflanzenk.* 2: 117 (Sprengel 1821). — *Acanthinophyllum ilicifolium* (Spreng.) W.C.Burger, *Ann. Missouri Bot. Gard.* 49: 27 (Burger 1962), “*ilicifolia*”.

*Acanthinophyllum strepitans* Allemão, *Rev. Braz.* 1: 369 (Allemão 1857). — *Sabagunia strepitans* (Allemão) Benth. & Hook., *Gen. Pl. [Bentham & Hooker f.]* 3 (1): 377 [7 Feb. 1880] (Bentham & Hooker 1880), in nota. — *Clarisia strepitans* (Allemão) Lanj., *Recueil Trav. Bot. Néerl.* 33: 272 (Lanjouw 1936).

*Pseudosorocea poeppigii* Baill., *Adansonia [Baillon]* 11: 297 (Baillon 1875).

*Sabagunia racemifera* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 334 (Huber 1909).

*Aliteria sagotii* Benoist, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 1: 163 (Benoist 1929), “*Sagoti*”.

*Sorocea stenophylla* Standl., *Trop. Woods* 43: 18 (Standley 1935).

*Clarisia strepitans* var. *cuyunensis* Lanj., *Recueil Trav. Bot. Néerl.* 33: 275 (Lanjouw 1936). — *Clarisia ilicifolia* var. *cuyunensis* (Lanj.) Lanj. & Rossberg, *Recueil Trav. Bot. Néerl.* 33: 718 (Lanjouw & Rossberg 1936).

*Clarisia strepitans* var. *guianensis* Lanj., *Recueil Trav. Bot. Néerl.* 33: 274 (Lanjouw 1936). — *Clarisia ilicifolia* var. *guianensis* (Lanj.) Lanj. & Rossberg, *Recueil Trav. Bot. Néerl.* 33: 718 (Lanjouw & Rossberg 1936).

*Clarisia strepitans* var. *micranthera* Lanj., *Recueil Trav. Bot. Néerl.* 33: 275 (Lanjouw 1936). — *Clarisia ilicifolia* var. *micranthera* (Lanj.) Lanj. & Rossberg, *Recueil Trav. Bot. Néerl.* 33: 718 (Lanjouw & Rossberg 1936).

*Clarisia strepitans* var. *paraensis* Lanj., *Recueil Trav. Bot. Néerl.* 33: 275 (Lanjouw 1936). — *Clarisia ilicifolia* var. *paraensis* (Lanj.) Lanj. & Rossberg, *Recueil Trav. Bot. Néerl.* 33: 718 (Lanjouw & Rossberg 1936).

*Clarisia spruceana* Lanj., *Recueil Trav. Bot. Néerl.* 33: 272 (Lanjouw 1936). — *Acanthinophyllum spruceanum* (Lanj.) W.C.Burger, *Ann. Missouri Bot. Gard.* 49: 30 (Burger 1962), “*spruceana*”.

VERNACULAR NAMES. — Wp: ka'a polopi, yanita • Br: folha-de-serra, guariuba, janitá.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *M.-F. Prévost 1281*.

SIZE. — Up to 20 m tall (Berg 1992).

[1155] *Clarisia racemosa* Ruiz & Pav.

*Syst. Veg. Fl. Peruv. Chil.* 1: 255 [late Dec. 1798] (Ruiz & Pavón 1798).

*Soaressia nitida* Allemão, *Trab. Soc. Vellos.*: 72. (Allemão 1851). — *Sorocea nitida* (Allemão) Warb., *Bull. Soc. Bot. France* 59 (Mém. 3g): 644 [“1912” publ. 1913] (Warburg 1913). — *Clarisia nitida* (Allemão) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (1): 15 (Macbride 1931).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Br: guariúba-amarela.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sibatier & J.-F. Molino 5012*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.6$  cm.

Genus *Ficus* L.[1156] *Ficus albert-smithii* Standl.  
(Fig. 39B)

*Lloydia* 2 (3): 174 (Standley 1939).

*Ficus frondosa* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 169 (Standley 1937), *nom. illeg. hom., non* S.Moore (1923).

*Ficus hypochrysea* Dugand, *Caldasia* 7 (33): 228 (Dugand 1955).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sibatier 3571*.

SIZE. — Up to 15 m tall (Berg 1999).

[1157] *Ficus amazonica* (Miq.) Miq.

*Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867). — *Urostigma amazonica* Miq., *London J. Bot.* 6: 541 (Miquel 1847).

*Urostigma angustifolium* Miq., *London J. Bot.* 6: 539 (Miquel 1847). — *Ficus angustifolia* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867), *nom. illeg. hom., non* Blume (1825).

*Ficus surinamensis* Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 219 (Miquel 1867).

NOTE. — Specimens at CAY are wrongly identified as *F. citrifolia* Mill.

VERNACULAR NAMES. — Wp: kwapo'i sówĩ • Wn: halikwana • Nt: ankatu, katu, nkatu.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *M.-F. Prévost 1146*.

SIZE. — Up to 20 m tall (Berg 1992).

[1158] *Ficus americana* Aubl. subsp. *greiffiana* (Dugand)  
C.C.Berg

*Blumea* 52 (2): 300 (Berg 2007). — *Ficus greiffiana* Dugand, *Caldasia* 1 (4): 49 (Dugand 1942).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3288*.

SIZE. — Up to 10 m tall (Berg 1992).

[1159] *Ficus americana* subsp. *guianensis* (Desv. ex Ham.)  
C.C.Berg

*Blumea* 52 (2): 300 (Berg 2007). — *Ficus guianensis* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 62 [Oct. 1825] (Hamilton 1825).

*Ficus clusiifolia* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 409 [Jan.-June 1827] (Schott 1827), “*clusiaefolia*”. — *Urostigma clusiifolium* (Schott) Miq., *London J. Bot.* 6: 543 (Miquel 1847), “*clusiaefolium*”.

*Ficus splendens* Kunth & C.D.Bouché, *Index Seminum (Berlin)*: 14 (Kunth & Bouché 1846-1847). — *Urostigma splendens* (Kunth & C.D.Bouché) Miq., *London J. Bot.* 6: 587 (Miquel 1847).

*Ficus anacardiifolia* Kunth & C.D.Bouché, *Index Seminum (Berlin)*: 15 (Kunth & Bouché 1846-1847). — *Urostigma anacardiifolium* (Kunth & C.D.Bouché) Miq., *London J. Bot.* 6: 587 (Miquel 1847).

*Urostigma mathewsii* Miq., *London J. Bot.* 6: 549 (Miquel 1847). — *Ficus mathewsii* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

*Pharmacosycea parkeriana* Miq., *London J. Bot.* 7: 71 (Miquel 1848). — *Ficus parkeriana* (Miq.) Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 227 [27 June 1932] (Sandwith 1932).

*Ficus martinii* Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 219 (Miquel 1867), “*martini*”.

*Ficus umbonigera* Warb., *Symb. Antill. [Urban]* 3 (3): 480 [1 May 1903] (Warburg 1903).

*Ficus grenadensis* Warb., *Symb. Antill. [Urban]* 3 (3): 481 [1 May 1903] (Warburg 1903).

*Ficus oblanceolata* Rusby, *Bull. New York Bot. Gard.* 4 (14): 446 [7 Dec. 1907] (Rusby 1907).

*Ficus gleasonii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 170 (Standley 1937).

*Ficus sprucei* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 176 (Standley 1937).

*Ficus myriasycea* Pittier, *Bol. Soc. Venez. Ci. Nat.* 4 (30): 75 (Pittier 1937).

*Ficus niceforoi* Dugand, *Caldasia* 1 (4): 59 (Dugand 1942).

*Ficus vaupesana* Dugand, *Caldasia* 1 (4): 72 (Dugand 1942).

*Ficus corpulenta* Pittier, *Bol. Soc. Venez. Ci. Nat.* 8: 257 (Pittier 1943).

*Ficus metensis* Dugand, *Caldasia* 2 (6): 77 (Dugand 1943).

*Ficus chiribiquetensis* Dugand, *Caldasia* 2 (9): 375 [6 Jan. 1944] (Dugand 1944).

*Ficus maroana* Pittier, *Bol. Soc. Venez. Ci. Nat.* 9: 120 (Pittier 1944).

*Ficus erratica* Standl., *Bull. Torrey Bot. Club* 75 (3): 295 [May-June 1948] (Standley 1948).

*Ficus mensalis* Standl., *Bull. Torrey Bot. Club* 75 (3): 297 [May-June 1948] (Standley 1948).

NOTE. — The original collection by Desvaux of *Ficus guianensis* Desv. ex Ham. was wrongly cited by Hamilton (1825: 62) as collected in Guyana. Augustin Nicaise Desvaux (1784-1856) only collected in French Guiana.

VERNACULAR NAMES. — Pa: muhu, muhu-kamwi • Wp: kwapo'i • Cr: bwa-fidjé • Br: apuí.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *A.N. Desvaux s.n.* (type P[P00756603]).

SIZE. — Up to 35 m tall (Berg 1999).

[1160] *Ficus americana* subsp. *subapiculata* (Miq.) C.C.Berg

*Blumea* 52 (2): 302 (Berg 2007).

*Urostigma subapiculatum* Miq., *Fl. Bras. [Martius]* 4 (1): 101 [1 Dec. 1853] (Miquel 1853). — *Ficus subapiculata* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

VERNACULAR NAMES. — Pa: muhu-puvemna.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori et al.* 25427.

SIZE. — Up to 35 m tall (Berg 1992).

[1161] *Ficus caballina* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 81 (Standley 1936).

*Ficus ramiflora* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 175 (Standley 1937).

*Ficus tamatamae* Pittier, *Bol. Soc. Venez. Ci. Nat.* 8: 260 (Pittier 1943).

VERNACULAR NAMES. — Ka: kuasimyan.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2317*.

SIZE. — Up to 25 m tall (Berg 1999).

[1162] *Ficus catappifolia* Kunth & C.D.Bouché

*Index Seminum (Berlin)* 14 (Kunth & Bouché 1846-1847). — *Urostigma catappifolium* (Kunth & C.D.Bouché) Miq., *London J. Bot.* 6: 533 (Miquel 1847), “*catappaefolium*”.

VERNACULAR NAMES. — Pa: muhu, muhu-kamwi • Wp: asingau lemi moay • Cr: bwa-fidjé • Br: apuí.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *M.-F. Prévost 791*.

SIZE. — Up to 15 m tall (Berg 1992).

[1163] *Ficus cremersii* C.C.Berg

*Acta Amazonica* 14 (1-2, Suppl.): 199 [“1984” publ. 1986] (Berg 1986).

VERNACULAR NAMES. — Nt: dyankatu.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *G. Cremers 8233* (holo-, P[P00077201]; iso-, P[P00077202], U[U0004602]).

SIZE. — Brazil, Amazonas. *A.A. Oliveira 283* (MO), 20 m × 62 cm.

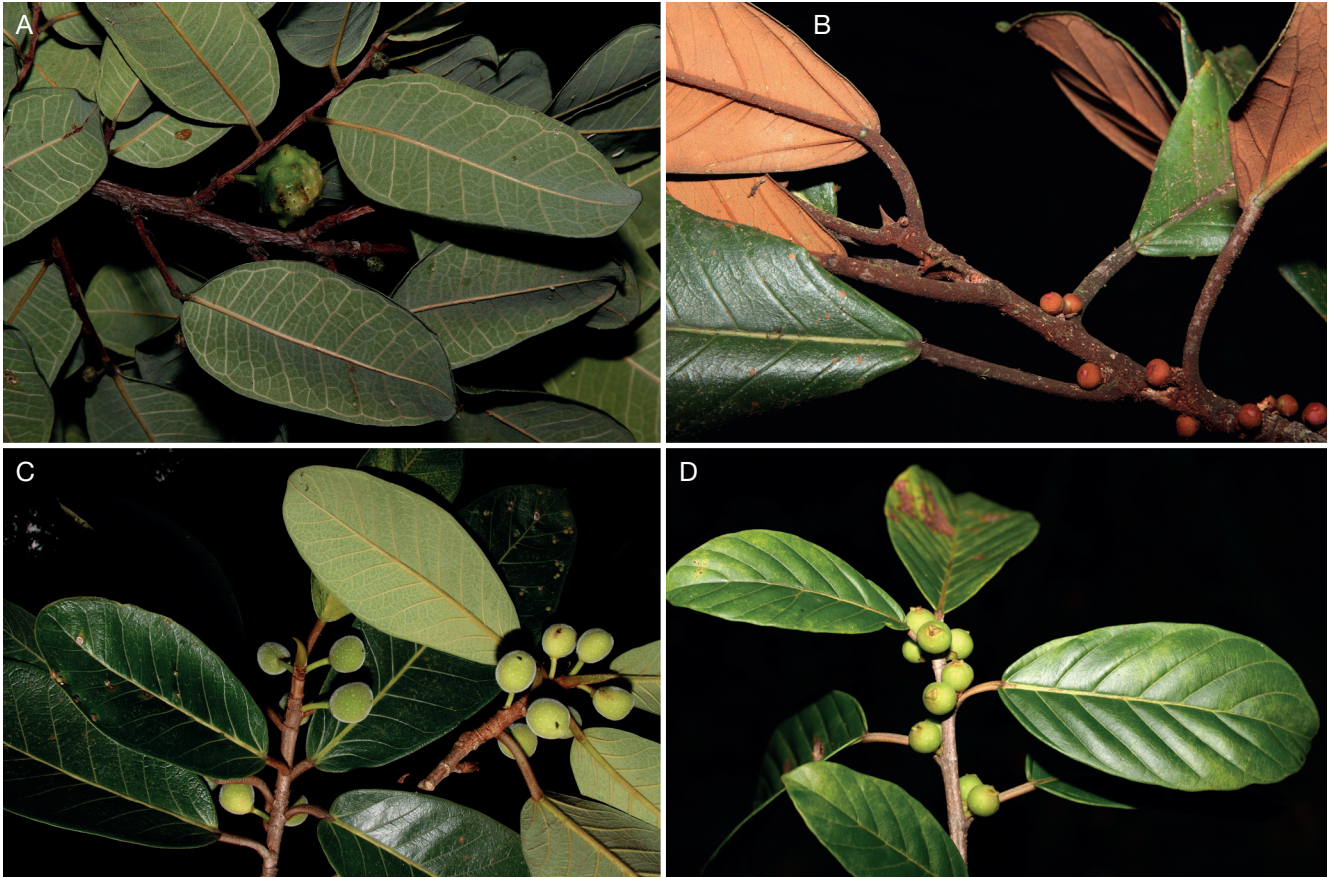


FIG. 39. — Moraceae: **A**, *Brosimum guianense* (Aubl.) Huber; **B**, *Ficus albert-smithii* Standl. (D. Sabatier 5793); **C**, *Ficus gomelleira* Kunth & C.D.Bouché; **D**, *Ficus trigona* L.f. (J.-F. Molino & D. Sabatier 2267). A-C, © D. Sabatier/IRD; D, © J.-F. Molino/IRD.

[1164] *Ficus donnell-smithii* Standl.

*Contr. U.S. Natl. Herb.* 20 (1): 21 [31 May 1917] (Standley 1917).

*Ficus florenciana* Dugand, *Caldasia* 1 (4): 44 (Dugand 1942).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 26542.

SIZE. — Up to 25 m tall (Berg 1999).

[1165] *Ficus duartei* C.C.Berg & Carauta

*Brittonia* 54 (4): 240 [“2002” publ. 16 Apr. 2003] (Berg & Carauta 2003).

HERBARIUM DATA (FG). — A single collection, *M. Blanc* 128.

SIZE. — Up to 10 m tall (Berg & Carauta 2003: 241).

[1166] *Ficus dukeana* C.C.Berg & Ribeiro

*Brittonia* 54 (4): 241 [“2002” publ. 16 Apr. 2003] (Berg & Ribeiro 2003).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3426 (para-, CAY[CAY034924]).

SIZE. — Up to 20 m tall (Berg 1992).

[1167] *Ficus gomelleira* Kunth & C.D.Bouché (Fig. 39C)

*Index Seminum (Berlin)*: 18 (Kunth & Bouché 1846-1847). — *Urostigma gomelleira* (Kunth & C.D.Bouché) Miq., *London J. Bot.* 6: 531 (Miquel 1847).

*Ficus holosericea* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 410 [Jan.-June 1827] (Schott 1827).

*Urostigma doliarium* Miq., *London J. Bot.* 6: 527 (Miquel 1847). — *Ficus doliaria* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 297 (Miquel 1867). — *Ficus doliaria* Mart. ex Miq., *London J. Bot.* 6: 527 (Miquel 1847), *nom. nud. pro syn.*

*Ficus acarouaniensis* Benoist, *Arch. Bot. Bull. Mens.* 3: 170 (Benoist 1929).

VERNACULAR NAMES. — Wp: kwapo’i • Nt: ankatu, katu, nkatu • Cr: bwa-fidjé • Fr: figuier • Br: apuí-preto, gameleira.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *M.-F. Prévost* 4523.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 210$  cm.

[1168] *Ficus hebetifolia* Dugand

*Caldasia* 1 (4): 50 (Dugand 1942).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P. Petronelli* 277.

SIZE. — Up to 20 m tall (Berg 1999).

[1169] *Ficus insipida* Willd. subsp. *scabra* C.C.Berg

*Acta Amazonica* 14 (1-2, Suppl.): 201 [“1984” publ. 1986] (Berg 1986).

VERNACULAR NAMES. — Pa: muhu • Ka: kuwasini, kwasini • Wp: kwasini • Cr: bwa-fidjé • Br: caxinguba, gameleira-branca.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-321* (holo-, P[not seen]; iso-, P[P00076241], U[U.1426125]).

INVENTORY DATA (FG). — 8 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 150$  cm.

[1170] *Ficus krukovii* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 171 (Standley 1937).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost* 1472.

SIZE. — Up to 20 cm dbh (Standley 1937b).

[1171] *Ficus leiophylla* C.C.Berg

*Acta Amazonica* 14 (1-2, Suppl.): 205 (Berg 1986).

VERNACULAR NAMES. — Wp: kwapo'i sili • Nt: pikin katu.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *J.-J. de Granville & F. Kahn 5410* (holo-, P[P00076239]; iso-, CAY[CAY024862, CAY024863], P[P00076240], U[U0004645, U0004646]).

SIZE. — Up to 30 m tall (Berg & Carauta 2003).

[1172] *Ficus maroniensis* Benoist

*Bull. Mus. Natl. Hist. Nat.*, sér. 2, 1: 164 (Benoist 1929).

*Ficus lanjouwii* DeWolf, *J. Arnold Arbor.* 50 (3): 478 [15 July 1969] (DeWolf 1969).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *R. Benoist* 788 (holo-, P[P00089302]; iso-, MO[MO-204393], P[P00089303, P00089304]).

INVENTORY DATA (FG). — 1 tree, dbh = 16.1 cm.

[1173] *Ficus maxima* Mill.

*Gard. Dict.*, ed. 8, n. 6 [16 Apr. 1768] (Miller 1768).

*Ficus citrifolia* Lam., *Encycl. [J. Lamarck et al.]* 2 (2): 494 [14 Apr. 1788] (Lamarck 1788), *nom. illeg. hom., non* Mill. (Miller 1768).

*Ficus laurifolia* Hort. ex Lam., *Encycl. [J. Lamarck et al.]* 2 (2): 495 [14 Apr. 1788] (Lamarck 1788). — *Urostigma laurifolium* (Hort. ex Lam.) Miq., *London J. Bot.* 6: 539 (Miquel 1847).

*Ficus radula* Humb. & Bonpl. ex Willd., *Sp. Pl.*, ed. 4 4 (2): 1144 [Apr. 1806] (Willdenow 1806). — *Pharmacosycea radula* (Humb. & Bonpl. ex Willd.) Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 330 (Liebmann 1851).

*Ficus anthelminthica* DC., *Essai Propr. Méd. Pl.*, ed. 2, 267 (Candolle 1816), *nom. nud.*

*Pharmacosycea guyanensis* Miq., *London J. Bot.* 7: 67 (Miquel 1848).

*Pharmacosycea grandaeva* Miq., *London J. Bot.* 7: 70 (Miquel 1848). — *Ficus grandaeva* Mart. ex Miq., *London J. Bot.* 7: 70 (Miquel 1848), *nom. nud. pro syn.*

*Pharmacosycea glaucescens* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 332 (Liebmann 1851). — *Ficus glaucescens* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 300 (Miquel 1867).

*Pharmacosycea hernandezii* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 332 (Liebmann 1851). — *Ficus hernandezii* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 300 (Miquel 1867).

*Pharmacosycea rigida* Miq., *Bot. Voy. Herald [Seemann]* 5: 195 [July 1854] (Miquel 1854).

*Urostigma protensum* Griseb., *Bonplandia* 6 (1): 4 (Grisebach 1858). — *Ficus protensa* (Griseb.) Hemsl., *Biol. Cent.-Amer., Bot.* 3 (15): 147 [Jan. 1883] (Hemsley 1883).

*Pharmacosycea pseudoradula* Miq., *Verslagen Meded. Afd. Natuurk. Kon. Akad. Wetensch.* 13: 414 (Miquel 1862). — *Ficus pseudoradula* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 299 (Miquel 1867), “*pseudo-radula*”.

*Pharmacosycea mexicana* Miq., *Verslagen Meded. Afd. Natuurk. Kon. Akad. Wetensch.* 13: 415 (Miquel 1862). — *Ficus mexicana* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 299 (Miquel 1867).

*Ficus coybana* Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 300 (Miquel 1867).

*Ficus parkeri* Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 300 (Miquel 1867).

*Ficus guadalajarana* S.Watson, *Proc. Amer. Acad. Arts* 26: 151 (Watson 1891).

*Ficus populnea* Willd. f. *citrifolia* Warb., *Symb. Antill. [Urban]* 3 (3): 479 [1 May 1903] (Warburg 1903).

*Ficus picardae* Warb., *Symb. Antill. [Urban]* 3 (3): 484 [1 May 1903] (Warburg 1903).

*Ficus subscabrida* Warb., *Symb. Antill. [Urban]* 3 (3): 485 [1 May 1903] (Warburg 1903).

*Ficus rubricosta* Warb., *Symb. Antill. [Urban]* 3 (3): 486 [1 May 1903] (Warburg 1903).

*Ficus plumieri* Urb., *Repert. Spec. Nov. Regni Veg.* 15: 158 [31 May 1918] (Urban 1918), “*Plumerii*”.

*Ficus bopiana* Rusby, *Mem. New York Bot. Gard.* 7: 230 (Rusby 1927).

*Ficus ulei* Rossberg, *Repert. Spec. Nov. Regni Veg.* 42: 60 (Rossberg 1937).

*Ficus sodiroi* Rossberg, *Repert. Spec. Nov. Regni Veg.* 42: 61 (Rossberg 1937).

*Ficus murilloi* Dugand, *Caldasia* 1 (4): 57 (Dugand 1942).

*Ficus vicencionis* Dugand, *Caldasia* 2 (9): 385 [6 Jan. 1944] (Dugand 1944).

*Ficus murilloi* var. *cajambrensis* Dugand, *Caldasia* 4 (17): 117 (Dugand 1946).

*Ficus chaconiana* Standl. & L.O. Williams, *Ceiba* 3 (2): 111 [1 Oct. 1952] (Standley & Williams 1952), “*Choconiana*”.

NOTES. — The epithet *chaconiana* honours Jaime Chacón P. The epithet *vicencionis* is not to be corrected, as it results from an intentional latinization of the locality name “(Villa)vicencio” (Turland *et al.* 2018: Art. 60.9).

VERNACULAR NAMES. — Pa: muhu • Ka: ityulutano kuwasini, kwasini • Wp: kwasini • Nt: dyankatu • Cr: bwa-fidjé • Fr: figuier • Br: caxinguba, gameleira-branca.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *M.-F. Prévost* 4194.

INVENTORY DATA (FG). — 4 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[1174] *Ficus nymphaeifolia* Mill.

*Gard. Dict.*, ed. 8, n. 9 [16 Apr. 1768] (Miller 1768), “*Nymphæifolia*”. — *Urostigma nymphaeifolium* (Mill.) Miq., *London J. Bot.* 6: 527 (Miquel 1847).

*Ficus nymphoides* Thunb., *Ficus*: 7 [21 Dec. 1786] (Thunberg 1786).

*Urostigma cyclophyllum* Miq., *Fl. Bras. [Martius]* 4 (1): 91 [1 Dec. 1853] (Miquel 1853). — *Ficus cyclophylla* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 297 (Miquel 1867).

*Ficus urbaniana* Warb., *Symb. Antill. [Urban]* 3 (3): 459 [1 May 1903] (Warburg 1903). — *Ficus involuta* (Liebm.) Miq. var. *urbaniana* (Warb.) Dugand, *Caldasia* 2 (8): 275 (Dugand 1943).

*Ficus ierensis* Britton, *Bull. Torrey Bot. Club* 48 (12): 329 [“1921” publ. 1922] (Britton 1922).

*Ficus anguina* Benoist, *Bull. Mus. Natl. Hist. Nat.* 30: 104 (Benoist 1924).

*Ficus cabusana* Standl. & Steyermark, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (4): 226 (Standley & Steyermark 1940).

*Ficus duquei* Dugand, *Caldasia* 1 (4): 42 (Dugand 1942).

*Ficus duquei* var. *obtusiloba* Dugand, *Mutisia* 9: 6 (Dugand 1952).

VERNACULAR NAMES. — Pa: muhu-ivine • Ka: kuasini, kwašini • Te: kwatsindi • Wp: asingau lemi moay • Nt: ankatu, katu, nkatu • Cr: bwa-fidjé • Fr: figuier étrangleur, figuier blanc • Br: apuí, caxinguba.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *D. Sabatier* 2246.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 180$  cm.

[1175] *Ficus pakkensis* Standl.

*Bull. Torrey Bot. Club* 75 (3): 297 [May-June 1948] (Standley 1948).

VERNACULAR NAMES. — Ka: kuasini, kwašini • Wp: asingau lemi moay sili.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *M.-F. Prévost* 854.

SIZE. — Up to 15 m tall (Berg 1999).

[1176] *Ficus paludica* Standl.

*Bull. Torrey Bot. Club* 75 (3): 298 [May-June 1948] (Standley 1948).

*Urostigma leucostictum* Miq., *London J. Bot.* 6: 535 (Miquel 1847). — *Ficus leucosticta* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 297 (Miquel 1867), *nom. illeg. hom., non* Spreng. (Sprengel 1826).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P.A. Sagot s.n.* (P[P06753650]).

SIZE. — Up to 20 m tall (Berg 1999).

[1177] *Ficus panurensis* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 174 (Standley 1937).

*Ficus arctocarpa* Standl., *Bull. Torrey Bot. Club* 75 (3): 294 [May-June 1948] (Standley 1948).

*Ficus maguirei* Standl., *Bull. Torrey Bot. Club* 75 (3): 296 [May-June 1948] (Standley 1948).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville B-3724*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 19.9$  cm.

[1178] *Ficus paraensis* (Miq.) Miq.

*Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867). — *Urostigma paraense* Miq., *London J. Bot.* 6: 534 (Miquel 1847).

*Ficus myrmecophila* Warb., in *Vegetationsbilder [G. Karsten & H. Schenck]*, ser. 3, 1: t. 2 (Warburg 1905).

*Urostigma williamsii* Rusby, *Bull. New York Bot. Gard.* 6 (22): 499 [30 Nov. 1910] (Rusby 1910). — *Ficus williamsii* (Rusby) Rossberg, *Repert. Spec. Nov. Regni Veg.* 42: 61 (Rossberg 1937), *nom. illeg. hom., non* C.B. Rob. (Robinson 1908).

*Ficus panamensis* Standl., *Contr. U.S. Natl. Herb.* 20 (1): 15 [31 May 1917] (Standley 1917).

*Ficus thelephora* Benoist, *Arch. Bot. Bull. Mens.* 3: 171 (Benoist 1929).

*Ficus haughtii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 170 (Standley 1937).

*Ficus uberrima* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 177 (Standley 1937).

*Ficus putumayonis* Dugand, *Caldasia* 1 (4): 62 (Dugand 1942).



*Ficus hydrophila* Pittier, *Bol. Soc. Venez. Ci. Nat.* 8: 259 (Pittier 1943).

*Ficus orinocensis* Pittier, *Bol. Soc. Venez. Ci. Nat.* 8: 259 (Pittier 1943).

*Ficus peroblunga* Dugand, *Caldasia* 4 (17): 118 (Dugand 1946).

*Ficus arukensis* Standl., *Bull. Torrey Bot. Club* 75 (3): 295 [May-June 1948] (Standley 1948).

NOTE. — The epithet *putumayonis*, which results from an intentional latinization of the geographic name “Putumayo”, is not to be corrected (Turland *et al.* 2018: Art. 60.8).

VERNACULAR NAMES. — Pa: muhu-ivine • Ka: kuwasimyan • Wp: asingau lemi moay, kwapo'i, kwapo'i sowi • Wn: kana halale, luwi • Cr: bwa-fidjé • Br: apuí.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 976.

SIZE. — Up to 20 m tall (Berg 1999).

[1179] *Ficus pertusa* L.f.

*Suppl. Pl.*: 442 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Urostigma pertusum* (L.f.) Miq., *London J. Bot.* 6: 548 (Miquel 1847).

*Ficus padifolia* Kunth, *Nova genera et species plantarum* [H.B.K.] 2: 47 [28 Apr. 1817] (Kunth 1817). — *Urostigma padifolium* (Kunth) Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 324 (Liebmann 1851).

*Ficus complicata* Kunth, *Nova genera et species plantarum* [H.B.K.] 2: 48 [28 Apr. 1817] (Kunth 1817). — *Urostigma complicatum* (Kunth) Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 325 (Liebmann 1851).

*Ficus myrtifolia* Link, *Enum. Hort. Berol. Alt.* 2: 450 [Jan.-June 1822] (Link 1822).

*Ficus lancifolia* Hook. & Arn., *Bot. Beechey Voy.* 310 [“1841” publ. Dec. 1838] (Hooker & Arnott 1838). — *Urostigma lancifolium* (Hook. & Arn.) Miq., *London J. Bot.* 6: 538 (Miquel 1847).

*Ficus subtriplinervia* Mart., *Flora* 24 (2, Beibl.): 67 (Martius 1841). — *Urostigma subtriplinervium* (Mart.) Miq., *London J. Bot.* 6: 542 (Miquel 1847).

*Ficus radicans* Casar., *Atti Riunione Sci. Ital.* 3: 515 [“1841” publ. June 1842] (Casaretto 1842), *nom. illeg. hom., non* Desf. (Desfontaines 1829).

*Ficus arpazusa* Casar., *Nov. Stirp. Bras.* 1: 15 [Oct. (“May”) 1842] (Casaretto 1842).

*Ficus planicostata* Kunth & C.D.Bouché, *Index Seminum (Berlin)* 16 (Kunth & Bouché 1846-1847). — *Ficus populnea* f. *planicostata* (Kunth & C.D.Bouché) Warb., *Symb. Antill. [Urban]* 3 (3): 479 [1 May 1903] (Warburg 1903).

*Urostigma populneum* (Willd.) Miq. f. *mexicanum* Miq., *London J. Bot.* 6: 537 (Miquel 1847), “*Mexicana*”.

*Urostigma schiedeanum* Miq., *London J. Bot.* 6: 539 (Miquel 1847).

*Urostigma erythrostrictum* Miq., *London J. Bot.* 6: 540 (Miquel 1847). — *Ficus erythrostricta* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

*Urostigma cestrifolium* (Schott) Miq. f. *major* Miq., *London J. Bot.* 6: 541 (Miquel 1847).

*Urostigma geminum* Miq., *London J. Bot.* 6: 547 (Miquel 1847). — *Ficus gemina* Ruiz ex Miq., *London J. Bot.* 6: 547 (Miquel 1847), *nom. nud. pro syn.* — *Ficus gemina* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

*Pharmacosycea laurifolia* Miq., *London J. Bot.* 7: 71 (Miquel 1848).

*Pharmacosycea peruviana* Miq., *London J. Bot.* 7: 72 (Miquel 1848). — *Ficus peruviana* (Miq.) Rossberg, *Repert. Spec. Nov. Regni Veg.* 42: 61 (Rossberg 1937).

*Urostigma baccatum* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 327 (Liebmann 1851). — *Ficus baccata* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 299 (Miquel 1867).

*Urostigma sapidum* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 327 (Liebmann 1851). — *Ficus sapida* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

*Urostigma turbinatum* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 328 (Liebmann 1851). — *Ficus turbinata* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867), *nom. illeg. hom., non* Willd. (Willdenow 1806).

*Urostigma rolanderi* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 5, 2: 329 (Liebmann 1851). — *Ficus rolanderi* (Liebm.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867), “*Rolandri*”.

*Urostigma subtriplinervium* f. *major* Miq., *Fl. Bras. [Martius]* 4 (1): 99 [1 Dec. 1853] (Miquel 1853). — *Ficus prinoides* Humb. & Bonpl. ex Willd. var. *subtriplinervia* (Mart.) Kuntze, *Revis. Gen. Pl.* 3 (3): 294 [28 Sep. 1898] (Kuntze 1898), “*prinodes*”.

*Ficus suffocans* Griseb., *Fl. Brit. W.I. [Grisebach]* 150 [June 1859] (Grisebach 1859).

*Ficus ochroleuca* Griseb., *Fl. Brit. W.I. [Grisebach]* 151 [June 1859] (Grisebach 1859).

*Urostigma sulcipes* Miq., *Verslagen Meded. Afd. Natuurk. Kon. Akad. Wetensch.* 13: 413 (Miquel 1862). — *Ficus sulcipes* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 298 (Miquel 1867).

*Ficus daphniphylla* Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 300 (Miquel 1867).

*Ficus fasciculata* S.Watson, *Proc. Amer. Acad. Arts* 24: 78 (Watson 1889), *nom. illeg. hom., non* Benth. (Bentham 1873) *nec* King (1888).

*Ficus sonorae* S.Watson, *Proc. Amer. Acad. Arts* 24: 78 (Watson 1889).

*Ficus grabhamii* Britton, *Fl. Jamaica [Fawcett & Rendle]* 3: 51 [Dec. 1914] (Britton 1914).

*Ficus halliana* Britton, *Fl. Jamaica [Fawcett & Rendle]* 3: 51 [Dec. 1914] (Britton 1914).

*Ficus morantensis* Britton, *Fl. Jamaica [Fawcett & Rendle]* 3: 51 [Dec. 1914] (Britton 1914).

*Urostigma subtriplinervium* f. *ellipticum* Herzog, *Meded. Rijks-Herb.* 27: 75 (Herzog 1915). — *Ficus elliptica* (Herzog) Herter, *Revista Sudamer. Bot.* 6: 151 (Herter 1940).

*Ficus broadwayi* Urb., *Repert. Spec. Nov. Regni Veg.* 15: 110 [31 Dec. 1917] (Urban 1917).

*Ficus mendelsonii* Britton, *Bull. Torrey Bot. Club* 48 (12): 330 [“1921” publ. 1922] (Britton 1922).

*Ficus tapajozensis* Standl., *Trop. Woods* 33: 11 (Standley 1933).

*Ficus palmicida* Pittier, *Bol. Soc. Venez. Ci. Nat.* 4 (30): 69 (Pittier 1937).

*Ficus kanukuensis* Standl., *Lloydia* 2 (3): 174 (Standley 1939).

*Ficus garcesii* Dugand, *Caldasia* 1 (4): 45 (Dugand 1942).

*Ficus trachelosyce* Dugand, *Caldasia* 1 (4): 69 (Dugand 1942).

*Ficus savannarum* Standl., *Bull. Torrey Bot. Club* 75 (3): 298 [May-June 1948] (Standley 1948).

VERNACULAR NAMES. — Br: apuí.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 2007.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 35.3$  cm.

[1180] *Ficus piresiana* Vázq. Avila & C.C. Berg

*Acta Amazonica* 14 (1-2, Suppl.): 207 [“1984” publ. 1986] (Vázquez Avila & Berg 1986).

VERNACULAR NAMES. — Wn: pětēlimē.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *M.-F. Prévost 1291* (para-, CAY[CAY024874]).

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 76.4$  cm.

[1181] *Ficus popenoei* Standl.

subsp. *malacocarpa* (Standl.) C.C. Berg

*Blumea* 52 (3): 583 (Berg 2007). — *Ficus malacocarpa* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 172 (Standley 1937).

*Ficus scabrida* Pittier, *Bol. Soc. Venez. Ci. Nat.* 4 (30): 68 (Pittier 1937).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2687*.

SIZE. — Up to 10 m tall (Berg 1999).

[1182] *Ficus schumacheri* (Liebm.) Griseb.

*Fl. Brit. W.I. [Grisebach]* 151 [June 1859] (Grisebach 1859). — *Urostigma schumacheri* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afdl.*, ser. 5, 2: 328 (Liebmann 1851).

VERNACULAR NAMES. — Wp: kwapo’i sili • Nt: bunsumiki katu, pikin katu.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2254*.

INVENTORY DATA (FG). — 22 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[1183] *Ficus trigona* L.f.

(Fig. 39D)

*Suppl. Pl.*: 441 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Oluntos trigona* (L.f.) Raf., *Sylva Tellur.*: 58 (Rafinesque 1838), “trigono”. — *Urostigma trigonum* (L.f.) Miq., *London J. Bot.* 6: 548 (Miquel 1847).

*Urostigma fagifolium* Miq., *London J. Bot.* 6: 544 (Miquel 1847). — *Ficus fagifolia* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 299 (Miquel 1867).

*Urostigma euomphalum* Miq., *Fl. Bras. [Martius]* 4 (1): 103 [1 Dec. 1853] (Miquel 1853). — *Ficus euomphala* (Miq.) Miq., *Ann. Mus. Bot. Lugduno-Batavi* 3 (10): 299 (Miquel 1867).

*Urostigma costatum* Rusby, *Bull. New York Bot. Gard.* 6 (22): 499 [30 Nov. 1910] (Rusby 1910), “costata”.

*Ficus vulpina* Benoist, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 1: 164 (Benoist 1929).

*Ficus llewelyni* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.2): 304 [15 Mar. 1937] (Standley 1937), “Llewelyni”.

*Ficus weberbaueri* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.2): 308 [15 Mar. 1937] (Standley 1937).

*Ficus regularis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 175 (Standley 1937).

*Ficus wuiana* Rossberg, *Repert. Spec. Nov. Regni Veg.* 42: 61 (Rossberg 1937).

*Ficus alvareziana* Dugand, *Caldasia* 1 (4): 29 (Dugand 1942).

*Ficus llanensis* Dugand, *Caldasia* 1 (4): 53 (Dugand 1942).

*Ficus plicato-ostiolata* Pittier, *Bol. Soc. Venez. Ci. Nat.* 8: 258 (Pittier 1943).

*Ficus ajajuensis* Dugand, *Caldasia* 2 (10): 439 (Dugand 1944).

*Ficus fanshawei* Standl., *Bull. Torrey Bot. Club* 75 (3): 295 [May-June 1948] (Standley 1948).

*Ficus juruensis* Warb. ex Dugand, *Caldasia* 7 (33): 231 (Dugand 1955).

NOTE. — “*Ficus juruensis* Warb.” appears as a *nomen nudum* in Ule (1907: 140), and was invalidly published (no latin description) by Standley (1937a: 303).

VERNACULAR NAMES. — Wp: kwapo’i, kwapo’i sili, kwapo’i sówĩ.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2267*,  $dbh = 35$  cm.

Genus *Helicostylis* Trécup

[1184] *Helicostylis pedunculata* Benoist

*Bull. Mus. Natl. Hist. Nat.* 25: 298 (Benoist 1919).

VERNACULAR NAMES. — Wn: kaikui amoman, tapatangman • Nt: pulo paaya.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *R. Benoist 667* (original material P[P06823043, P00745498, P00745499]).

INVENTORY DATA (FG). — 108 trees in 68 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 53.8$  cm.

[1185] *Helicostylis tomentosa* (Poepp. & Endl.) Rusby

*Mem. Torrey Bot. Club* 6 (1): 120 (Rusby 1896). — *Olmedia tomentosa* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 32 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838).

*Olmedia poeppigiana* Mart., *Flora* 24 (2, Beibl.): 93 (Martius 1841), “Pöppigiana”. — *Helicostylis poeppigiana* (Mart.) Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 134 (Trécul 1847). — *Greeneina poeppigiana* (Mart.) Kuntze, *Revis. Gen. Pl.* 2: 628 [5 Nov. 1891] (Kuntze 1891).

*Helicostylis affinis* Miq., *Fl. Bras. [Martius]* 4 (1): 118 [1 Dec. 1853] (Miquel 1853). — *Greeneina affinis* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 628 [5 Nov. 1891] (Kuntze 1891).

*Helicostylis obtusifolia* Standl., *Bull. Torrey Bot. Club* 58 (6): 356 [June 1931] (Standley 1931).

*Olmedia polycephala* Pittier, *Bol. Soc. Venez. Ci. Nat.* 7 (51): 304 (Pittier 1942).

*Helicostylis podogyne* Ducke, *Bol. Têcn. Inst. Agron. N.* 4: 3 [31 Mar. 1945] (Ducke 1945).

*Helicostylis poeppigiana* var. *macrophylla* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 135 (Trécul 1847).

*Olmedia asperula* Standl., *Bull. Torrey Bot. Club* 75 (3): 299 [May-June 1948] (Standley 1948).

*Helicostylis duckei* A.D.Hawkes, *Phytologia* 3 (1): 31 [30 Aug. 1948] (Hawkes 1948).

*Olmedia affinis* Steud. ex Miq., *Fl. Bras. [Martius]* 4 (1): 118 [1 Dec. 1853] (Miquel 1853), *nom. nud. pro syn.*

*Trymatococcus guanabarinus* Duarte, *Rodriguésia* 23-24 (35-36): 55 (Duarte 1961), “*Trimatococcus*”.

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: paig-seine, pairi-seine, pairi-seinõ, tukwanru • Ka: ombatapo, umpatapu • Wp: iwa pe • Nt: pulo paaya, puyo • Cr: boundou • Br: inharé, inharé-paina, mão-de-gato.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3944.

INVENTORY DATA (FG). — 118 trees in 78 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 56.7$  cm.

[1186] *Helicostylis* sp. A

NOTE. — A species similar to *H. elegans* (J.F.Macbr.) C.C.Berg.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino* 5625.

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24$  cm.

Genus *Maquira* Aubl.

[1187] *Maquira calophylla* (Poepp. & Endl.) C.C.Berg

*Acta Bot. Neerl.* 18 (3): 464 (Berg 1969). — *Olmedia calophylla* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 32 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838). — *Perebea*

*calophylla* (Poepp. & Endl.) Benth. ex Pittier, *Contr. U.S. Natl. Herb.* 13: 439 (Pittier 1912). — *Olmedioperebea calophylla* (Poepp. & Endl.) Ducke, *Arg. Serv. Florest.* 1: 14 (Ducke 1939).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier et al.* 5161.

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 145$  cm.

[1188] *Maquira guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 36 [Jun.-Dec. 1775] (Aublet 1775). — *Olmedia guianensis* (Aubl.) Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 129 (Trécul 1847). — *Olmedia maquira* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 210 (Steudel 1841), *nom. illeg. superfl.* (based on *Maquira guianensis*).

*Perebea laurifolia* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 133 (Trécul 1847).

VERNACULAR NAMES. — Pa: mpitit-wašiuone • Wp: inámu sī sili, yanu'ì pilá, yanu'ì yowa, yawasi pita • Nt: man puyo • Br: arirana, muiratinga-de-folha-miúda.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993316]).

INVENTORY DATA (FG). — 173 trees in 98 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 57.5$  cm.

[1189] *Maquira sclerophylla* (Ducke) C.C.Berg

*Acta Bot. Neerl.* 18 (3): 463 (Berg 1969). — *Olmedioperebea sclerophylla* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 34 (Ducke 1922).

*Perebea xinguana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 180 (Standley 1937).

VERNACULAR NAMES. — Br: pau-de-índio, rapé-de-índio.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3414.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.6$  cm.

[1190] *Maquira* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino & D. Sabatier* 2496.

INVENTORY DATA (FG). — 1 tree,  $dbh = 47.8$  cm.

Genus *Naucleopsis* Miq.

[1191] *Naucleopsis guianensis* (Mildbr.) C.C.Berg

*Acta Bot. Neerl.* 18 (3): 465 (Berg 1969). — *Ogcodeia guianensis* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 422 [30 Mar. 1932] (Mildbraed 1932).

VERNACULAR NAMES. — Pa: tukwanru • Wp: wa'ì.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3692*.

INVENTORY DATA (FG). — 84 trees in 53 plots;  $F_{\max} = 1\%$ ;  $\text{dbh}_{\text{inv}} = 23.1$  cm.

### Genus *Perebea* Aubl.

[1192] *Perebea guianensis* Aubl.  
(Fig. 40A)

*Hist. Pl. Guiane* 2: 953 [Jun.-Dec. 1775] (Aublet 1775).

*Olmedia grandifolia* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 128 (Trécul 1847).

*Castilla australis* Hemsl., *Hooker's Icon. Pl.* 27 [ser. 4, 7]: t. 2676 [Feb. 1901] (Hemsley 1901), “Castillo”. — *Perebea australis* (Hemsl.) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (1): 17 (Macbride 1931).

*Olmedia habas* Pax, *Repert. Spec. Nov. Regni Veg.* 7: 108 (Pax 1909).

VERNACULAR NAMES. — Pa: amap-purubumna, tukwanru-kamwi • Ka: ombatapo, umpatapu • Wp: yiwa piso, yuwa piso • Nt: abeemu, pulo paaya • Cr: abérérou • Br: cauchorana, caxinguba-rana.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material not traced); *C. Sastre 6178*.

INVENTORY DATA (FG). — 48 trees in 19 plots;  $F_{\max} = 1.4\%$ ;  $\text{dbh}_{\text{inv}} = 22$  cm.

[1193] *Perebea rubra* (Trécul) C.C.Berg

*Fl. Ecuador* 60: 87 (Berg 1998). — *Noyera rubra* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 136 (Trécul 1847). — *Perebea mollis* (Poepp. & Endl.) Huber subsp. *rubra* (Trécul) C.C.Berg, *Acta Bot. Neerl.* 18 (3): 463 (Berg 1969).

VERNACULAR NAMES. — Wp: iwa pe • Wn: kaikui amoman, tapa-tangman • Nt: abeemu, paaya, pulo paaya • Cr: abérérou.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J. Martin s.n.* (n° 114 at G) (holo-, P[P00745490]; iso-, B[B 10 0244527], F[V0064544F], FI[FI011716, FI011717, FI011718], G[G00438407], P[P00745491, P00745492], U[U0004748]).

INVENTORY DATA (FG). — 31 trees in 27 plots;  $F_{\max} < 1\%$ ;  $\text{dbh}_{\text{inv}} = 56$  cm.

### Genus *Poulsenia* Eggers

[1194] *Poulsenia* sp. A

HERBARIUM DATA (FG). — A single collection, *D. Loubry 2097*.

SIZE. — Up to 25 m tall (Berg 1992).

### Genus *Pseudolmedia* Trécul

[1195] *Pseudolmedia laevigata* Trécul

*Ann. Sci. Nat., Bot.* sér. 3, 8: 131 (Trécul 1847).

*Pseudolmedia guaranitica* Hassl., *Annuaire Conserv. Jard. Bot. Genève* 21: 121 (Hassler 1919).

*Pseudolmedia mildbraedii* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (2): 61 (Macbride 1931).

*Pseudolmedia brosimifolia* Ducke, *Arq. Serv. Florest.* 1: 8 (Ducke 1939).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Pa: paig-priye, pairi-priye.

HERBARIUM DATA (FG). — A single collection, *S.A. Mori & J.J. Pipoly 15475*.

SIZE. — Up to 35 m tall (Berg 1972).

[1196] *Pseudolmedia laevis* (Ruiz & Pav.) J.F.Macbr.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (1): 16 (Macbride 1931). — *Olmedia laevis* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 258 [late Dec. 1798] (Ruiz & Pavón 1798).

*Olmedia ferruginea* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 31 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838). — *Pseudolmedia ferruginea* (Poepp. & Endl.) Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 131 (Trécul 1847).

*Olmediopsis lanceolata* H.Karst., *Fl. Columb. [H. Karsten]* 2 (1): 17 [15 Dec. 1862] (Karsten 1862).

*Olmediopsis obliqua* H.Karst., *Fl. Columb. [H. Karsten]* 2 (1): 17 [15 Dec. 1862] (Karsten 1862). — *Pseudolmedia obliqua* (H.Karst.) Renner, *Bot. Jahrb. Syst.* 39 (3-4): 374 [15 Jan. 1907] (Renner 1907).

*Pseudolmedia hirsuta* Baill., *Adansonia [Baillon]* 11: 295 (Baillon 1875).

*Pseudolmedia sagotii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 31: 468 (Benoist 1925), “*Sagoti*”.

*Pseudolmedia hirtellifolia* Rusby, *Mem. New York Bot. Gard.* 7: 228 (Rusby 1927), “*hirtellaefolia*”.

*Pseudolmedia alnifolia* Rusby, *Mem. New York Bot. Gard.* 7: 229 (Rusby 1927).

*Pseudolmedia multinervis* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 189 [20 Dec. 1927] (Mildbraed 1927).

*Olmedia caurensis* Pittier, *Bol. Soc. Venez. Ci. Nat.* 7 (51): 306 (Pittier 1942).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: paig-seine, pairi-seinó, tukwanru • Ka: tonolo ipyo, tonolo polipyo • Wp: api, paila lá • Nt: puyo • Br: inharé-folha-miúda, pamã.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2800*.

INVENTORY DATA (FG). — 123 trees in 55 plots;  $F_{\max} = 1.7\%$ ;  $\text{dbh}_{\text{inv}} = 39.8$  cm.

Genus *Sorocea* A.St.-Hil.

[1197] *Sorocea muriculata* Miq.  
subsp. *uaupensis* (Baill.) C.C.Berg

*Proc. Kon. Ned. Akad. Wetensch. C* 88 (4): 387 (Berg 1985). — *Pseudosorocea uaupensis* Baill., *Adansonia* [Baillon] 11: 297 (Baillon 1875). — *Sorocea uaupensis* (Baill.) J.F.Macbr., *Candollea* 5: 348 (Macbride 1934).

*Sorocea guayanensis* W.C.Burger, *Acta Bot. Neerl.* 11 (4): 439 (Burger 1962).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *C. Feuillet* 715.

SIZE. — Up to 12 m tall (Berg 1999).

Genus *Trymatococcus* Poepp. & Endl.

[1198] *Trymatococcus amazonicus* Poepp. & Endl.  
(Fig. 40B)

*Nova genera ac species plantarum* [Poeppig & Endlicher] 2: 30 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838).

*Lanessania turbinata* Spruce ex Baill., *Adansonia* [Baillon] 11: 298 (Baillon 1875). — *Trymatococcus turbinatus* (Spruce ex Baill.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 23 (Ducke 1922).

*Trymatococcus paraensis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 22 (Ducke 1922).

VERNACULAR NAMES. — Pa: paig-seine, pairi-seinō • Ka: yuku'ipyo • Wp: api, paila lá, yanu'í u, yanu'í wate'e • Cr: bwa-lèt-blán.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5204.

INVENTORY DATA (FG). — 58 trees in 44 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[1199] *Trymatococcus oligandrus* (Benoist) Lanj.

*Recueil Trav. Bot. Néerl.* 32: 271 (Lanjouw 1935). — *Lanessania oligandra* Benoist, *Bull. Mus. Natl. Hist. Nat.* 27: 199 (Benoist 1921).

VERNACULAR NAMES. — Pa: paig, paig-seine, pairi, pairi-seinō • Ka: yuku'ipyo • Wp: api, paila lá, yanu'í u, yanu'í wate'e • Nt: yenge pao • Cr: bwa-lèt-blán.

HERBARIUM DATA (FG). — 62 collections at CAY. Sel. exs.: *R. Benoist* 1573 (holo-, P[P00710537]; iso-, P[P00710538, P00710539]).

INVENTORY DATA (FG). — 281 trees in 119 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 40.7$  cm.

Family MYRISTICACEAE R.Br.

Genus *Componeura* (A.DC.) Warb.

[1200] *Componeura ulei* Warb.  
(Fig. 40C)

*Verh. Bot. Vereins Prov. Brandenburg* 47: 136 [1 Oct. 1905] (Warburg 1905).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & P. Birnbaum* 4608.

SIZE. — Up to 12 m tall (Mitchell 2002).

Genus *Iryanthera* (A.DC.) Warb.

[1201] *Iryanthera hostmannii* (Benth.) Warb.

*Ber. Deutsch. Bot. Ges.* 13: (84) ["1895" publ. 18 Feb. 1896] (Warburg 1896). — *Myristica hostmannii* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 7 (Bentham 1853). — *Palala hostmannii* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 567 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate).

VERNACULAR NAMES. — Pa: wahusi-kamwi, wahusi-wašiuñō, wahusi-wašiuñō-duwē • Ka: inyamu bati, watolo • Wp: kulupiyi, mukulupiyi • Nt: sabana toso paasaa • Cr: mousigo • Fr: moussigot, tossopassa marécage • Br: ucuúbarana.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *M.-F. Prévost* 3775.

INVENTORY DATA (FG). — 685 trees in 88 plots;  $F_{\max} = 4.5\%$ ;  $dbh_{\text{inv}} = 46.2$  cm.

[1202] *Iryanthera paraensis* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 358 (Huber 1909).

*Iryanthera elongata* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 68 (Huber 1910).

*Iryanthera sessilis* Markgr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 236 [30 Mar. 1928] (Markgraf 1928).

VERNACULAR NAMES. — Wp: walimei • Wn: mutuju.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 943, 15 m × 65 cm.

[1203] *Iryanthera sagotiana* (Benth.) Warb.

*Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 158 (Warburg 1897). — *Myristica sagotiana* Benth., *Hooker's Icon. Pl.* 13 [ser. 3, 3](2): 48 [June 1878] (Bentham 1878).

*Myristica mouchico* Laness. ex H.Stone, *Ann. Mus. Colon. Marseille*, sér. 3, 8 (2): 3 (Stone 1920).

*Myristica mouchigo* Baill., *Hist. Pl. [Baillon]* 2: 504 (Baillon 1870), *nom. nud.*

VERNACULAR NAMES. — Pa: wahusi-wašiuñō • Ka: malakaipyo, watolo • Wp: kulupiyi, mukulupiyi • Wn: mutuju • Nt: mongo toso paasaa, toso paasaa • Cr: mousigo-rouj • Fr: moussigot rouge, tossopassa montagne • Br: ucuúbarana, ucuúba-vermelha.

HERBARIUM DATA (FG). — 167 collections at CAY. Sel. exs.: *P.A. Sagot* 1195, Sep. 1858 (holo-, K[K000575104, K000575105]; iso-, BM[BM000574366], BR[BR0000005782765], G[G00380955], GH[GH00039827], P[P02441770, P02441771, P02441772, P02441773], S[S-R-7029]).

INVENTORY DATA (FG). — 1475 trees in 171 plots;  $F_{\max} = 15.4\%$ ;  $dbh_{\text{inv}} = 55.7$  cm.

[1204] *Iryanthera tessmannii* Markgr.

*Notizbl. Bot. Gart. Berlin-Dahlem* 10: 236 [30 Mar. 1928] (Markgraf 1928).

*Iryanthera microcarpa* Ducke, *Bol. Těcn. Inst. Agron. N.* 4: 8 [31 Mar. 1945] (Ducke 1945).

VERNACULAR NAMES. — Nt: toso paasaa.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori et al.* 23340.

INVENTORY DATA (FG). — 34 trees in 3 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 41.4$  cm.

Genus *Osteophloeum* Warb.[1205] *Osteophloeum platyspermum* (Spruce ex A.DC.)  
Warb.

*Ber. Deutsch. Bot. Ges.* 13: (89) ["1895" publ. 18 Feb. 1896] (Warburg 1896). — *Myristica platysperma* Spruce ex A.DC., *Prodr. [A. P. de Candolle]* 14 (2): 695 [late Nov. 1857] (Candolle 1857). — *Palala platysperma* (Spruce ex A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 567 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate).

*Iryanthera krukovii* A.C.Sm., *Brittonia* 2 (2): 151 (Smith 1936).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Wp: a'i yũ'i, kulupiyĩ u • Nt: auma pisi • Fr: moussigot blanc • Br: ucuúba-amarela, ucuúba-chico-de-assis.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2159.

INVENTORY DATA (FG). — 72 trees in 45 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 90$  cm.

Genus *Virola* Aubl.[1206] *Virola kwatae* Sabatier  
(Fig. 40D)

*Adansonia*, sér. 3, 19 (2): 273 (Sabatier 1997).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: wahusi-wašiuñō • Te: waletsĩ pitāg • Nt: gaan busi mulunba • Cr: djadjamadou-montangn • Fr: yayamadou montagne.

HERBARIUM DATA (FG). — 32 collections at CAY. Sel. exs.: *D. Sabatier* 931 (holo-, P[P00135215]; iso-, CAY[CAY024880, CAY024881], K[K000575173], MPU[MPU024622], NY[00346038], P[P00135216, P00135217, P00135218], US[00623540]).

INVENTORY DATA (FG). — 153 trees in 66 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 127$  cm.

[1207] *Virola michelii* Heckel

*Ann. Inst. Colon. Marseille* 5 (2): 118 (Heckel 1898).

*Myristica melinonii* Benoist, *Bull. Mus. Natl. Hist. Nat.* 30: 104 (Benoist 1924). — *Virola melinonii* (Benoist) A.C.Sm., *Brittonia* 2 (5): 502 ["1937" publ. 2 May 1938] (Smith 1938).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wahu, wahu-wašiuñō • Ka: walolo, waluši ityudano, walusilan tamunen • Te: waletsĩ tsing • Wp: wololo, wololo'i • Wn: mutuju, walolo • Nt: busi mulunba, lunba, mongo babun udu • Cr: djadjamadou-gran-bwa, djadjamadou-montangn • Fr: yayamadou montagne • Br: ucuúba-da-terra-firme, ucuúba-preta.

HERBARIUM DATA (FG). — 154 collections at CAY. Sel. exs.: *Hayes & Michel s.n.* (original material MARS, not seen); *E.M. Mélinon s.n.* (original material of *Myristica melinonii*: P[P00624725]).

INVENTORY DATA (FG). — 606 trees in 174 plots;  $F_{\max} = 6.2\%$ ;  $dbh_{\text{inv}} = 84.8$  cm.

[1208] *Virola multicostata* Ducke

*J. Wash. Acad. Sci.* 26: 261 (Ducke 1936).

VERNACULAR NAMES. — Pa: wahu, wahu-wašiuñō • Wp: wololo'u • Br: ucuúba-da-terra-firme.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier* 960.

INVENTORY DATA (FG). — 25 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[1209] *Virola sebifera* Aubl.

*Hist. Pl. Guiane* 2: 904 [Jun.-Dec. 1775] (Aublet 1775). — *Myristica sebifera* (Aubl.) Sw., *Prodr. [Swartz]*: 96 [20 Jun.-29 July 1788] (Swartz 1788). — *Palala sebifera* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 567 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate).

*Myristica virola* Raeusch., *Nomencl. Bot. [Raeusch.]*, ed. 3, 292 (Raeuschel 1797), *nom. nud.*

*Myristica mocoa* A.DC., *Prodr. [A. P. de Candolle]* 14 (1): 195 [mid Oct. 1856] (Candolle 1856). — *Palala mocoa* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 567 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate). — *Virola mocoa* (A.DC.) Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 183 (Warburg 1897).

*Myristica sebifera* var. *cordifolia* A.DC., *Prodr. [A. P. de Candolle]* 14 (1): 195 [mid Oct. 1856] (Candolle 1856). — *Myristica cordifolia* Mart. ex A.DC., *Prodr. [A. P. de Candolle]* 14 (1): 195 [mid Oct. 1856] (Candolle 1856), *nom. nud. pro syn.*

*Myristica sebifera* var. *curvinervia* A.DC., *Prodr. [A. P. de Candolle]* 14 (1): 195 [mid Oct. 1856] (Candolle 1856). — *Virola sebifera* var. *curvinervia* (A.DC.) Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 174 (Warburg 1897).

*Myristica panamensis* Hemsl., *Biol. Cent.-Amer., Bot.* 3 (14): 67 [Oct. 1882] (Hemsley 1882). — *Palala panamensis* (Hemsl.) Kuntze, *Revis. Gen. Pl.* 2: 567 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate). — *Virola panamensis* (Hemsl.) Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 185 (Warburg 1897).

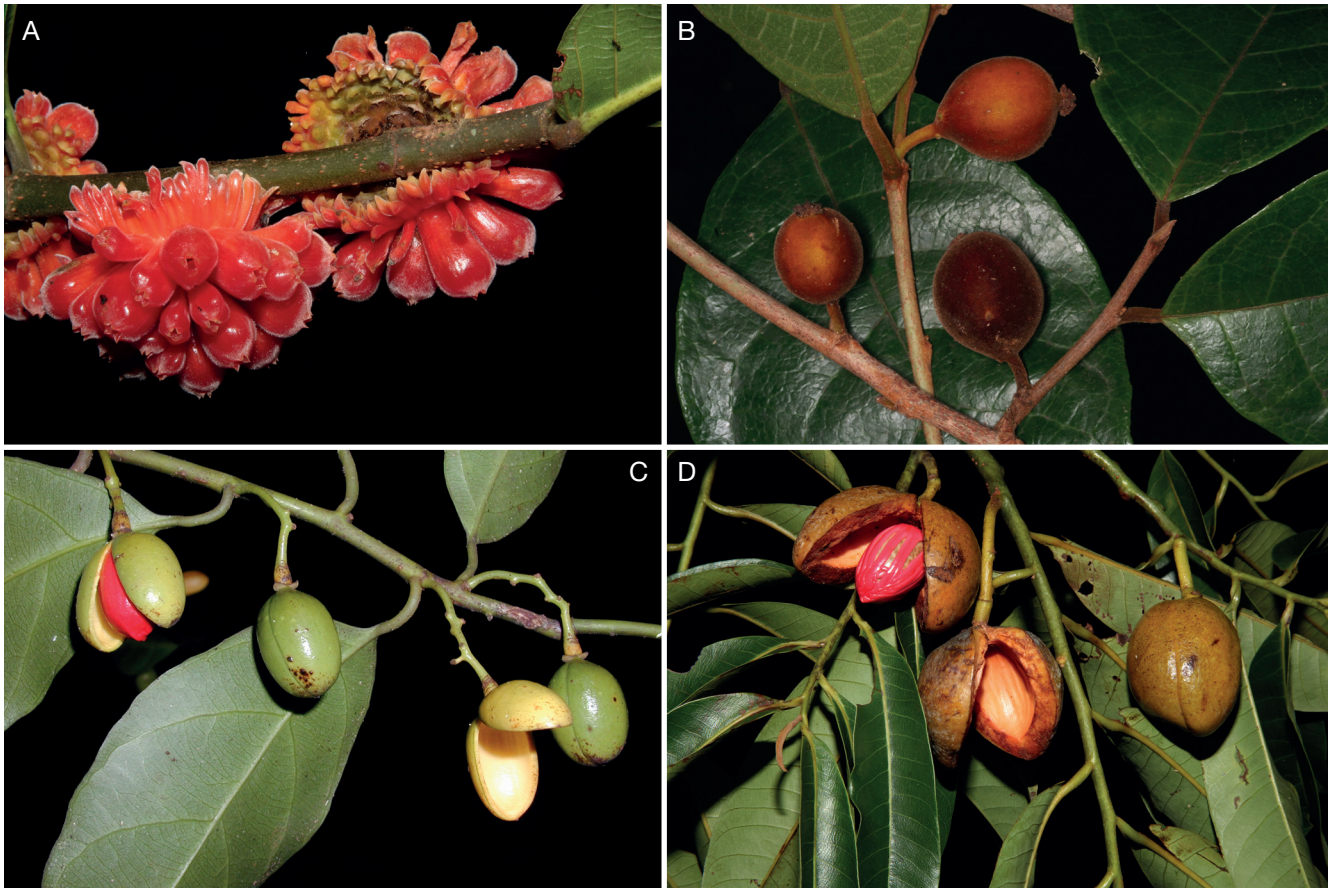


FIG. 40. — Moraceae: **A**, *Perebea guianensis* Aubl.; **B**, *Trymatococcus amazonicus* Poepp. & Endl. (D. Sabatier & J.-F. Molino 5204). Myristicaceae: **C**, *Compsonaura ulei* Warb. (D. Sabatier & P. Birnbaum 4608); **D**, *Virola kwatae* Sabatier. © D. Sabatier/IRD.

*Myristica fulva* Rich. ex Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 169 (Warburg 1897), *nom. nud. pro syn.*

*Virola venezuelensis* Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 182 (Warburg 1897).

*Virola boliviensis* Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 184 (Warburg 1897).

*Virola peruviana* (A.DC.) Warb. var. *tomentosa* Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 189 (Warburg 1897).

*Virola mycetis* Pulle, *Recueil Trav. Bot. Néerl.* 4: 125 (Pulle 1907), *pro parte inflorescentia exclusa.*

*Virola warburgii* Pittier, *Contr. U.S. Natl. Herb.* 18 (4): 143 [3 Mar. 1916] (Pittier 1937).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wahuſi-purubumna • Ka: virola (*ſide* Aublet 1775), walolo, waluſi ityudano, waluſilan • Te: waletsi lawöt • Wp: suwilani wu, walime • Nt: kawee babun udu, kawee mulunba • Cr: bwa-chandèl, djadjamadou • Fr: bois chandelle • Br: ucuúba-vermelha.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM [BM000993836, BM000993837]).

INVENTORY DATA (FG). — 17 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.2$  cm.

[1210] *Virola surinamensis* (Rol. ex Rottb.) Warb.

*Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 208 (Warburg 1897). — *Myristica surinamensis* Rol. ex Rottb., *Descr. Rar. Pl. Surin. [Rottbøll]*: 13 (Rottbøll 1776). — *Palala surinamensis* (Rol. ex Rottb.) Kuntze, *Revis. Gen. Pl.* 2: 568 [5 Nov. 1891] (Kuntze 1891), *nom. inval.* (genus name illegitimate).

*Myristica americana* Rottb., *Descr. Rar. Pl. Surin. [Rottbøll]*: 33 (Rottbøll 1776), *nom. nud.*

*Myristica fatua* Sw., *Prodr. [Swartz]* 96 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. hom., non* Houtt. (Houttuyn 1774), *nec* Blume (1835).

*Myristica sebifera* var. *longifolia* Poir. ex Lam., *Encycl. [J. Lamarck et al.]* 4 (1): 390 [9 Feb. 1797] (Lamarck 1797).

*Virola glaziovii* Warb., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 68: 219 (Warburg 1897).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: wahuſi • Ka: waliſi, waluſi • Te: waletsi • Wp: walusi • Wn: aluti, waluti • Nt: lunba, mulunba, wata babun udu • Cr: djadjamadou-marikaj • Fr: yayamadou marécage • Br: ucuúba, ucuúba-branca, ucuúba-do-igapó.

HERBARIUM DATA (FG). — 80 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (holotype of *Myristica sebifera* var. *longifolia*: P[P00631979]).

INVENTORY DATA (FG). — 39 trees in 22 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 90$  cm.

Family MYRTACEAE Juss.  
Genus *Calycolpus* O.Berg

[1211] *Calycolpus goetheanus* (Mart. ex DC.) O.Berg  
(Fig. 41A)

*Linnaea* 27 (2-3): 381 [“1854” publ. Jan. 1856] (Berg 1856). — *Myrtus goetheana* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 240 [mid Mar. 1828] (Candolle 1828).

*Campomanesia glabra* Benth., *J. Bot. [Hooker]* 2: 319 (Bentham 1840). — *Calycolpus glaber* (Benth.) O.Berg, *Linnaea* 27 (2-3): 379 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus ovalifolius* O.Berg, *Linnaea* 27 (2-3): 379 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus schomburgkianus* O.Berg, *Linnaea* 27 (2-3): 380 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus schomburgkianus* var. *recurvatus* O.Berg, *Linnaea* 27 (2-3): 380 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus schomburgkianus* var. *speciosus* O.Berg, *Linnaea* 27 (2-3): 380 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus angustifolius* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 151 [20 Apr. 1926] (Riley 1926).

*Calycolpus cordatus* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 152 [20 Apr. 1926] (Riley 1926).

*Calycolpus glaber* var. *angustilobus* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 152 [20 Apr. 1926] (Riley 1926).

VERNACULAR NAMES. — Ka: awale tamipipyo, otono epityi • Br: soim.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 3986.

INVENTORY DATA (FG). — 20 trees in 11 plots;  $F_{\max} = 1.1$  %;  $dbh_{\text{inv}} = 50$  cm.

[1212] *Calycolpus revolutus* (Schauer) O.Berg

*Linnaea* 27 (2-3): 383 [“1854” publ. Jan. 1856] (Berg 1856). — *Myrtus revoluta* Schauer, *Linnaea* 21: 272 (Schauer 1848).

*Calycolpus kegelianus* O.Berg, *Linnaea* 27 (2-3): 381 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus kegelianus* var. *robustus* O.Berg, *Linnaea* 27 (2-3): 381 [“1854” publ. Jan. 1856] (Berg 1856).

*Calycolpus kegelianus* var. *gracilis* O.Berg, *Linnaea* 27 (2-3): 382 [“1854” publ. Jan. 1856] (Berg 1856). — *Calycolpus gracilis* (O.Berg) L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 150 [20 Apr. 1926] (Riley 1926).

*Calycolpus chnoiophyllus* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 148 [20 Apr. 1926] (Riley 1926).

*Calycolpus megalodon* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 149 [20 Apr. 1926] (Riley 1926).

*Calycolpus pyriferus* L.Riley, *Bull. Misc. Inform. Kew* 1926 (4): 149 [20 Apr. 1926] (Riley 1926).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: asaikiabe, sadyabe, seityape.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *P.A. Sagot* 215, 1857 (holotype of *Calycolpus megalodon*: K[K000277220]; iso-, W[W18890092620]).

INVENTORY DATA (FG). — 22 trees in 3 plots;  $F_{\max} = 1.9$  %;  $dbh_{\text{inv}} = 19.3$  cm.

Genus *Campomanesia* Ruiz & Pav.

[1213] *Campomanesia aromatica* (Aubl.) Griseb.

*Fl. Brit. W.I. [Grisebach]* 242 [late 1860] (Grisebach 1860). — *Psidium aromaticum* Aubl., *Hist. Pl. Guiane* 1: 485 [Jun.-Dec. 1775] (Aublet 1775). — *Burchardia aromatica* (Aubl.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838).

*Myrtus psidioides* Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 44 [Oct. 1825] (Hamilton 1825).

*Psidium tenuifolium* DC., *Prodr. [A. P. de Candolle]* 3: 236 [mid Mar. 1828] (Candolle 1828). — *Campomanesia tenuifolia* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 452 [15 May 1857] (Berg 1857).

*Myrtus fascicularis* DC., *Prodr. [A. P. de Candolle]* 3: 240 [mid Mar. 1828] (Candolle 1828).

*Eugenia sparsiflora* DC., *Prodr. [A. P. de Candolle]* 3: 263 [mid Mar. 1828] (Candolle 1828). — *Myrtus sparsiflora* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 263 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Abbevillea martiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 435 [15 May 1857] (Berg 1857), *nom. illeg. superfl.* (based on *Eugenia sparsiflora*). — *Campomanesia sparsiflora* (DC.) J.F.Macbr., *Candollea* 5: 394 (Macbride 1934).

*Campomanesia coaetanea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 444 [15 May 1857] (Berg 1857).

*Campomanesia synchrona* O.Berg, *Fl. Bras. [Martius]* 14 (1): 444 [15 May 1857] (Berg 1857).

*Campomanesia ciliata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 453 [15 May 1857] (Berg 1857).

*Eugenia desvauxiana* O.Berg, *Linnaea* 27 (2-3): 198 [“1854” publ. Jan. 1856] (Berg 1856).

*Campomanesia beaurepairiana* Kiaersk., *Enum. Myrt. Bras.*: 15 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Campomanesia glaziioviana* Kiaersk., *Enum. Myrt. Bras.*: 16 [Oct.-Nov. 1893] (Kiaerskov 1893).

VERNACULAR NAMES. — Pa: pirimavan • Ka: kalawilulan • Nt: andoya, madyo uman • Cr: bwa-sitronèl • Fr: citronelle (*vide* Aublet 1775) • Br: araçá-lima.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000953694], LINN[LINN HS 881.3]).

SIZE. — Up to 20 m tall (Landrum 1986).

[1214] *Campomanesia grandiflora* (Aubl.) Sagot  
(Fig. 41B)

*Ann. Sci. Nat., Bot. sér.* 6, 20: 182 (Sagot 1885). — *Psidium grandiflorum* Aubl., *Hist. Pl. Guiane* 1: 483 [Jun.-Dec. 1775]



(Aublet 1775). — *Psidium aromaticum* var. *grandiflorum* (Aubl.) Pers., *Syn. Pl. [Persoon]* 2 (1): 27 [Nov. 1806] (Persoon 1806). — *Burchardia grandiflora* (Aubl.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838), “*Burcardia*”.

*Campomanesia poiteaui* O.Berg, *Linnaea* 27 (4): 432 [“1854” publ. Feb. 1856] (Berg 1856).

VERNACULAR NAMES. — Pa: pirimavan • Cr: bwa-sitronèl • Br: aracă-lima.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000953691], LINN[LINN HS 881.4]).

INVENTORY DATA (FG). — 12 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27$  cm.

### Genus *Eugenia* L.

#### [1215] *Eugenia albicans* (O.Berg) Urb.

*Bot. Jahrb. Syst.* 19 (5): 617 [26 Feb. 1895] (Urban 1895). — *Stenocalyx albicans* O.Berg, *Linnaea* 30: 698 [Mar. 1861] (Berg 1861).

VERNACULAR NAMES. — Pa: inam-etni-seinó, inamkat-seinó • Wp: yawayi lü • Cr: bwa-sann.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *B. Dutrière 388*.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.7$  cm.

#### [1216] *Eugenia anastomosans* DC.

*Prodr. [A. P. de Candolle]* 3: 269 [mid Mar. 1828] (Candolle 1828).

*Eugenia ptariensis* Steyererm., *Fieldiana, Bot.* 28 (4): 1013 (Steyermark 1957).

VERNACULAR NAMES. — Ka: kumeti • Wp: kumati, kumati u.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material F[V0065081F], L[L0009403], P[P00784923, P00784924, P05156416]).

INVENTORY DATA (FG). — 29 trees in 24 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25$  cm.

#### [1217] *Eugenia armeniaca* Sagot

*Ann. Sci. Nat., Bot.* sér. 6, 20: 190 (Sagot 1885).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: moyu'i.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *P.A. Sagot 259* (syntypes BR[BR0000005228652 {1857}], F[V0065085F {1857}], K[K000276620 & K000276621 {1857}], P[P01902320 {1855}, P01902321 {Nov. 1856}, P01902322 {1856}], S[S05-2789 {1857}]).

INVENTORY DATA (FG). — 5 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.9$  cm.

#### [1218] *Eugenia aubletiana* Mattos

*Loefgrenia* 120: 9 [Mar. 2005] (Mattos 2005), excluding synonyms *E. latifolia* Aubl. and *Catinga moschata* Aubl. [synonym of *E. moschata* (Aubl.) Nied. ex T.Durand & B.D.Jacks.]. — *Calycorectes latifolius* O.Berg, *Linnaea* 30: 701 [Mar. 1861] (Berg 1861), excluding synonym *E. latifolia* Aubl. — *Calycorectes bergii* Sandwith, *Bull. Misc. Inform. Kew* 1932 (5): 212 [27 June 1932] (Sandwith 1932).

*Catinga oblongifolia* Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 20: 197 (Sagot 1885). — *Eugenia oblongifolia* (Sagot) Nied. ex T.Durand & B.D.Jacks., *Index Kew. Suppl.* 1: 164 (Durand & Jackson 1902), *nom. illeg. hom., non* Duthie (1878).

NOTES. — Berg (1861: 701) misinterpreted *E. latifolia* Aubl. and used it as the basionym of *Calycorectes latifolius* O.Berg, while the description and type corresponded to an entirely distinct species. Sandwith (1932: 212) pointed out this mistake and created the new name *C. bergii* Sandwith for the taxon described by Berg. Since molecular data showed that *Calycorectes* is polyphyletic within *Eugenia* (Proença *et al.* 2020), *C. bergii* has been transferred to *Eugenia*.

VERNACULAR NAMES. — Wp: iwā ũ, wila ũ.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *P.A. Sagot 272*, Jan. 1857 (lecto-, P[P04722646], designated by Proença *et al.* [2020: 50]; isolecto-, BR[BR0000005304073], K[K000565050], P[P05229281, P05229285], S[S05-2964]); *B. Bordenave 887*, height 12 m.

#### [1219] *Eugenia biflora* (L.) DC.

*Prodr. [A. P. de Candolle]* 3: 276 [mid Mar. 1828] (Candolle 1828). — *Myrtus biflora* L., *Syst. Nat.*, ed. 10, 2: 1056 [7 June 1759] (Linnaeus 1759).

*Caryophyllus fruticosus* Mill., *Gard. Dict.*, ed. 8, n. 3 [16 Apr. 1768] (Miller 1768).

*Eugenia mini* Aubl., *Hist. Pl. Guiane* 1: 498 [Jun.-Dec. 1775] (Aublet 1775). — *Eugenia microcarpos* var. *mini* (Aubl.) Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 201 [19 Oct. 1789] (Lamarck 1789). — *Eugenia mini* var. *microcarpos* (Lam.) Pers., *Syn. Pl. [Persoon]* 2 (1): 28 [Nov. 1806] (Persoon 1806). — *Myrtus mini* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 2: 486 [Jan.-May 1825] (Sprengel 1825). — *Myrcia splendens* var. *mini* (Aubl.) DC., *Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Myrcia mini* (Aubl.) Sweet, *Hort. Brit. [Sweet]*, ed. 2: 211 (Sweet 1830). — *Cumetia mini* (Aubl.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838). — *Myrcia schomburgkiana* O.Berg, *Linnaea* 27 (1): 110 [“1854” publ. Nov. 1855] (Berg 1855), *nom. illeg. superfl.* (based on *Eugenia mini*). — *Eugenia biflora* var. *mini* (Aubl.) Amshoff, *Recueil Trav. Bot. Néerl.* 42: 12 (Amshoff 1950).

*Myrtus virgultosa* Sw., *Prodr. [Swartz]* 70 [20 Jun.-29 July 1788] (Swartz 1788). — *Eugenia virgultosa* (Sw.) DC., *Prodr. [A. P. de Candolle]* 3: 280 [mid Mar. 1828] (Candolle 1828). — *Eugenia biflora* var. *virgultosa* (Sw.) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 628 [26 Feb. 1895] (Krug & Urban 1895).

*Eugenia microcarpos* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 201 [19 Oct. 1789] (Lamarck 1789).

*Myrtus pallens* Vahl, *Symb. Bot. [Vahl]* 2: 57 [Jul.-Dec. 1791] (Vahl 1791). — *Eugenia pallens* (Vahl) DC., *Prodr. [A. P. de Candolle]* 3: 284 [mid Mar. 1828] (Candolle 1828), *nom. illeg. hom., non* Poir. (Poiret 1813). — *Eugenia biflora* var. *pallens* (Vahl) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 629 [26 Feb. 1895] (Krug & Urban 1895).

- Eugenia lancea* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 123 [24 Sep. 1813] (Poiret 1813). — *Myrtus lancea* (Poir.) Spreng., *Syst. Veg. [Sprengel]* 2: 482 [Jan.-May 1825] (Sprengel 1825). — *Eugenia biflora* var. *lancea* (Poir.) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 631 [26 Feb. 1895] (Krug & Urban 1895).
- Eugenia australis* Colla, *Hortus Ripulensis* 1: 54 [Jun.-July 1824] (Colla 1824), in nota, *nom. illeg. hom., non* Wendl. ex Link (1822).
- Myrtus berteriana* Spreng., *Syst. Veg. [Sprengel]* 2: 482 [Jan.-May 1825] (Sprengel 1825), “*Berteriana*”. — *Eugenia berteriana* (Spreng.) DC., *Prodr. [A. P. de Candolle]* 3: 285 [mid Mar. 1828] (Candolle 1828), “*Berteriana*”.
- Eugenia xylopiifolia* DC., *Prodr. [A. P. de Candolle]* 3: 279 [mid Mar. 1828] (Candolle 1828).
- Eugenia ludibunda* Bertero ex DC., *Prodr. [A. P. de Candolle]* 3: 280 [mid Mar. 1828] (Candolle 1828). — *Eugenia biflora* var. *ludibunda* (Bertero ex DC.) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 630 [26 Feb. 1895] (Krug & Urban 1895).
- Eugenia acutiloba* DC., *Prodr. [A. P. de Candolle]* 3: 281 [mid Mar. 1828] (Candolle 1828).
- Eugenia racemosa* DC., *Prodr. [A. P. de Candolle]* 3: 281 [mid Mar. 1828] (Candolle 1828), *nom. illeg. hom., non* L. (Linnaeus 1753).
- Eugenia sericiflora* Benth., *Bot. Voy. Sulphur [Bentham]*: 98 [14 Apr. 1845] (Bentham 1845).
- Eugenia wallenii* Macfad., *Fl. Jamaica [Macfadyen]* 2: 118 (Macfadyen 1850). — *Eugenia biflora* var. *wallenii* (Macfad.) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 629 [26 Feb. 1895] (Krug & Urban 1895).
- Eugenia virgata* Macfad., *Fl. Jamaica [Macfadyen]* 2: 121 (Macfadyen 1850), *nom. illeg. hom., non* Gardner (1845).
- Eugenia jamaicensis* O.Berg, *Linnaea* 27 (2-3): 237 [“1854” publ. Jan. 1856] (Berg 1856). — *Eugenia virgultosa* var. *jamaicensis* (O.Berg) Proctor, *J. Arnold Arbor.* 63 (3): 276 [Apr. 1982] (Proctor 1982).
- Eugenia macarensis* O.Berg, *Linnaea* 27 (2-3): 283 [“1854” publ. Jan. 1856] (Berg 1856).
- Myrcia erythroxyloides* var. *virescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 173 [15 May 1857] (Berg 1857).
- Eugenia freireana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 305 [15 May 1857] (Berg 1857).
- Eugenia freireana* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 305 [15 May 1857] (Berg 1857).
- Eugenia freireana* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 305 [15 May 1857] (Berg 1857).
- Eugenia salicifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 312 [15 May 1857] (Berg 1857), *nom. illeg. hom., non* (Kunth) DC. (Candolle 1828).
- Eugenia modesta* DC. var. *jamaicensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 314 [15 May 1857] (Berg 1857).
- Eugenia acuminatissima* O.Berg, *Fl. Bras. [Martius]* 14 (1): 315 [15 May 1857] (Berg 1857), *nom. illeg. hom., non* Miq. (Miquel 1846).
- Eugenia hoffmannseggii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 315 [15 May 1857] (Berg 1857). — *Eugenia biflora* var. *hoffmannseggii* (O.Berg) Amshoff, *Fl. Suriname* 3 (2): 123 (Amshoff 1951).
- Eugenia hoffmannseggii* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 315 [15 May 1857] (Berg 1857).
- Eugenia hoffmannseggii* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 316 [15 May 1857] (Berg 1857).
- Eugenia inundata* DC. var. *acutifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 520 [1 Feb. 1858] (Berg 1858).
- Eugenia fieldingii* O.Berg, *Linnaea* 29 (2): 242 [June 1858] (Berg 1858).
- Eugenia meyeriana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 588 [15 Jan. 1859] (Berg 1859).
- Eugenia meyeriana* var. *depauperata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 588 [15 Jan. 1859] (Berg 1859).
- Eugenia meyeriana* var. *dives* O.Berg, *Fl. Bras. [Martius]* 14 (1): 588 [15 Jan. 1859] (Berg 1859).
- Eugenia richardiana* O.Berg, *Linnaea* 30: 694 [Mar. 1861] (Berg 1861).
- Eugenia xylopiifolia* var. *brevipes* O.Berg, *Linnaea* 30: 694 [Mar. 1861] (Berg 1861).
- Eugenia myriostigma* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 194 (Sagot 1885). — *Eugenia biflora* var. *myriostigma* (Sagot) Amshoff, *Fl. Suriname* 3 (2): 124 (Amshoff 1951).
- Eugenia hartii* Kiaersk., *Bot. Tidsskr.* 17: 271 (Kiaerskov 1890).
- Eugenia alexandri* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 626 [26 Feb. 1895] (Krug & Urban 1895).
- Myrtus biflora* f. *subsericea* Kuntze, *Revis. Gen. Pl.* 3 (3): 89 [28 Sep. 1898] (Kuntze 1898).
- Myrtus biflora* var. *salicifolia* Kuntze, *Revis. Gen. Pl.* 3 (3): 89 [28 Sep. 1898] (Kuntze 1898).
- Myrtus biflora* var. *yapacani* Kuntze, *Revis. Gen. Pl.* 3 (3): 89 [28 Sep. 1898] (Kuntze 1898).
- Eugenia lorentensis* Diels, *Bot. Jahrb. Syst.* 37 (5): 597 [30 Oct. 1906] (Diels 1906).
- Eugenia leptophlebia* Diels, *Verh. Bot. Vereins Prov. Brandenburg* 48: 192 [“1906” publ. 8 Mar. 1907] (Diels 1907).
- Eugenia brachythrix* Urb., *Symb. Antill. [Urban]* 6 (1): 23 [15 July 1909] (Urban 1909).
- Eugenia alfarroana* Standl., *J. Wash. Acad. Sci.* 14: 240 (Standley 1924).
- Eugenia nicholsii* Fawc. & Rendle, *J. Bot.* 64: 14 (Fawcett & Rendle 1926).
- Eugenia amanuensis* Steyererm., *Fieldiana, Bot.* 28 (4): 1010 (Steyerermark 1957).
- Eugenia caurensis* Steyererm., *Fieldiana, Bot.* 28 (4): 1010 (Steyerermark 1957).
- Eugenia jamaicana* Mattos, *Loefgrenia* 123: 2 [Aug. 2006] (Mattos 2006).

VERNACULAR NAMES. — Pa: kagegut-puvemna, karegut-puvemna  
• Br: vassourinha.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 1064*.

SIZE. — Brazil, Amapá. *B. V. Rabelo et al. 2278* (MO), 10 m × 15 cm.

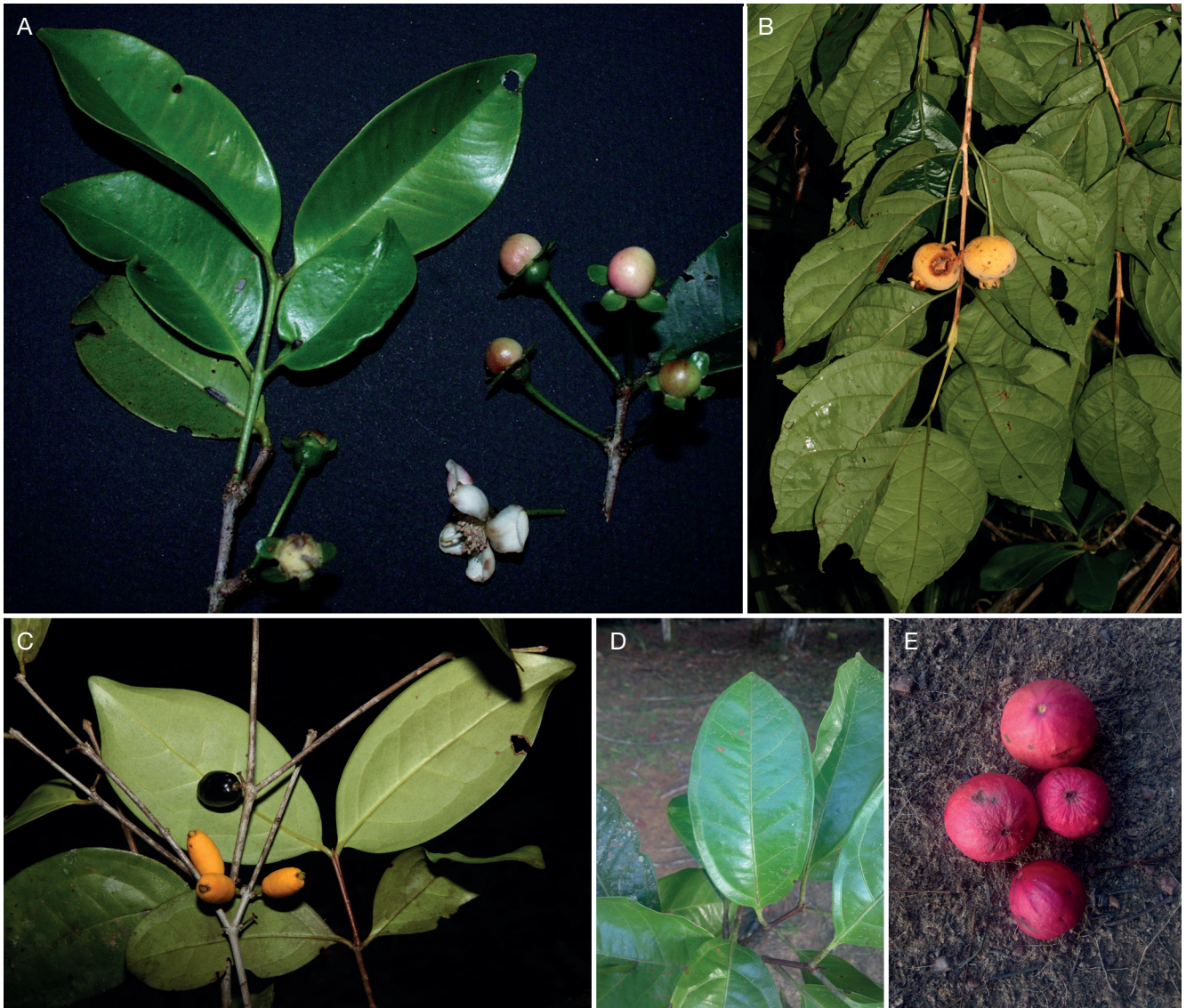


FIG. 41. — Myrtaceae: **A**, *Calycolpus goetheanus* (Mart. ex DC.) O.Berg (*M.-F. Prévost & D. Sabatier* 3986); **B**, *Campomanesia grandiflora* (Aubl.) Sagot (*J.-F. Molino & D. Sabatier* 2249); **C**, *Eugenia mimus* McVaugh (*D. Sabatier et al.* 5780); **D**, **E**, *Eugenia* sp. O (*J.-F. Molino* 3430). A, C, © D. Sabatier/IRD; B, D, E, © J.-F. Molino/IRD.

[1220] *Eugenia brownsbergii* Amshoff

*Recueil Trav. Bot. Néerl.* 42: 14 (Amshoff 1950). — *Eugenia brownsbergii* var. *glauca* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 14 (Amshoff 1950).

VERNACULAR NAMES. — Pa: arak-kamwi, pakusin-amana • Ka: kuwapityano.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville B-4549*.

SIZE. — Brazil, Amazonas. *W.W. Thomas et al.* 5247 (MO), 15 m.

[1221] *Eugenia chrysophyllum* Poir.

*Encycl. [J. Lamarck et al.] Suppl.* 3: 129 [24 Sep. 1813] (Poiret 1813).

*Eugenia chrysophylloides* DC., *Prodr. [A. P. de Candolle]* 3: 276 [mid Mar. 1828] (Candolle 1828).

*Eugenia llewelynii* Steyerl., *Fieldiana, Bot.* 28 (4): 1011 (Steyermark 1957).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J. Martin s.n.* (type FI[FI011503]).

SIZE. — Colombia, Amazonas. *L.E. Urrego et al.* 325 (MO), 15 m × 10 cm.

[1222] *Eugenia citrifolia* Poir.

*Encycl. [J. Lamarck et al.] Suppl.* 3: 129 [24 Sep. 1813] (Poiret 1813). — *Myrtus cayennensis* Spreng., *Syst. Veg. [Sprengel]* 2: 481 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Eugenia citrifolia*).

*Eugenia adenocalyx* DC., *Prodr. [A. P. de Candolle]* 3: 271 [mid Mar. 1828] (Candolle 1828).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J. Martin s.n.* [“bords de la rivière d’Oyac, Caienne”, “h. Poirer”] (original material FI[FI011504], P[P05237715]).

SIZE. — Brazil, Amazonas. *M. Pacheco* 96 (MO), 12 m × 18.6 cm.

[1223] *Eugenia cowanii* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 173 (McVaugh 1969).

*Eugenia cryptadena* var. *gracilis* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 18 (Amshoff 1950).

VERNACULAR NAMES. — Ka: alamilu.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 9455 (CAY[CAY095706], US[00659642]).

SIZE. — Up to 12 m tall (McVaugh 1969).

[1224] *Eugenia cucullata* Amshoff

*Recueil Trav. Bot. Néerl.* 42: 17 (Amshoff 1950).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *C. Moretti* 571.

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.4$  cm.

[1225] *Eugenia cupulata* Amshoff

*Recueil Trav. Bot. Néerl.* 39: 160 (Amshoff 1942).

VERNACULAR NAMES. — Pa: arak-priyu • Ka: pomiidyilan • Wp: kalai ka’a • Nt: busi banda.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 930.

INVENTORY DATA (FG). — 25 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.6$  cm.

[1226] *Eugenia denigrata* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 176 (McVaugh 1969).

VERNACULAR NAMES. — Pa: paku-amana.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P. Grenand* 2119.

SIZE. — > 10 cm dbh (Cardoso *et al.* 2017).

[1227] *Eugenia densiracemosa* Mazine & Faria

*Phytotaxa* 151 (1): 53 [6 Dec. 2013] (Mazine & Faria 2013).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *J.-F. Molino* 2235 (para-, CAY[CAY073409]).

INVENTORY DATA (FG). — 37 trees in 5 plots;  $F_{\max} = 5.2\%$ ;  $dbh_{\text{inv}} = 21.3$  cm.

[1228] *Eugenia egensis* DC.

*Prodr. [A. P. de Candolle]* 3: 281 [mid Mar. 1828] (Candolle 1828). — *Myrtus egensis* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 281 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia sphaerosperma* DC., *Prodr. [A. P. de Candolle]* 3: 278 [mid Mar. 1828] (Candolle 1828).

*Eugenia tenuiramis* Miq., *Stirp. Surinam. Select.*: 39 [“1850” publ. Mar. 1851] (Miquel 1851). — *Eugenia egensis* var. *tenuiramis* (Miq.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia perforata* O.Berg, *Linnaea* 27 (2-3): 236 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia egensis* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia egensis* var. *bimarginata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia egensis* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia egensis* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia egensis* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 296 [15 May 1857] (Berg 1857).

*Eugenia maculata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 297 [15 May 1857] (Berg 1857).

*Eugenia parodiana* Morong, *Ann. New York Acad. Sci.* 7: 107 (Morong 1893).

VERNACULAR NAMES. — Br: azeitona-brava.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman* B-3228.

SIZE. — Up to 10 m tall (McVaugh 1958).

[1229] *Eugenia exaltata* Rich. ex O.Berg

*Linnaea* 30: 687 [Mar. 1861] (Berg 1861).

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *L. C. Richard* 25 (original material F[V0065165F], P[P01902431, P01902432]).

INVENTORY DATA (FG). — 102 trees in 42 plots;  $F_{\max} = 3.9\%$ ;  $dbh_{\text{inv}} = 26.9$  cm.

[1230] *Eugenia excelsa* O.Berg

*Fl. Bras. [Martius]* 14 (1): 277 [15 May 1857] (Berg 1857).

*Eugenia cuspidata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 286 [15 May 1857] (Berg 1857).

*Eugenia obovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 289 [15 May 1857] (Berg 1857), *nom. illeg. hom., non* Poir. (Poiret 1813).

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *D. Larpin* 702.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.3$  cm.

[1231] *Eugenia ferreiraeana* O.Berg

*Fl. Bras. [Martius]* 14 (1): 285 [15 May 1857] (Berg 1857).

*Eugenia nemoralis* DC., *Prodr. [A. P. de Candolle]* 3: 267 [mid Mar. 1828] (Candolle 1828).

*Eugenia ramiflora* Desv. ex Ham. var. *montana* Amshoff, *Bull. Torrey Bot. Club* 75 (5): 535 [11 Oct. 1948] (Amshoff 1948).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2026*.

SIZE. — Brazil, Amazonas. *N.T. Silva & U. Brazão* 60788 (MO), 10 m × 15 cm.

[1232] *Eugenia flavescens* DC.

*Prodr. [A. P. de Candolle]* 3: 272 [mid Mar. 1828] (Candolle 1828). — *Myrtus flavescens* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 272 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia flavescens* var. *guyanensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 272 [15 May 1857] (Berg 1857).

*Eugenia flavescens* var. *longifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 272 [15 May 1857] (Berg 1857).

*Eugenia flavescens* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 272 [15 May 1857] (Berg 1857).

VERNACULAR NAMES. — Pa: arak-priyu.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *Service Forestier* 5118.

SIZE. — Up to 10 cm dbh (Amshoff 1951).

[1233] *Eugenia florida* DC.

*Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828). — *Myrtus florida* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia patula* DC., *Prodr. [A. P. de Candolle]* 3: 284 [mid Mar. 1828] (Candolle 1828).

*Myrcia patula* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 284 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia sylvatica* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 337 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832).

*Eugenia atropunctata* Steud., *Flora* 26 (45): 762 [17 Dec. 1843] (Steudel 1843).

*Eugenia atropunctata* var. *robusta* O.Berg, *Linnaea* 27 (2-3): 293 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia atropunctata* var. *gracilis* O.Berg, *Linnaea* 27 (2-3): 294 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia gardneriana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 316 [15 May 1857] (Berg 1857). — *Eugenia moraviana* O.Berg var. *gardneriana* (O.Berg) Mattos, *Loefgrenia* 85: 2 (Mattos 1984).

*Eugenia gardneriana* var. *dives* O.Berg, *Fl. Bras. [Martius]* 14 (1): 316 [15 May 1857] (Berg 1857).

*Eugenia gardneriana* var. *depauperata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 317 [15 May 1857] (Berg 1857).

*Eugenia oligoneura* O.Berg, *Fl. Bras. [Martius]* 14 (1): 321 [15 May 1857] (Berg 1857).

*Eugenia gardneriana* var. *ovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 589 [15 Jan. 1859] (Berg 1859).

*Eugenia membranacea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 589 [15 Jan. 1859] (Berg 1859).

*Eugenia gardneriana* var. *rigida* O.Berg, *Linnaea* 30: 694 [Mar. 1861] (Berg 1861).

*Eugenia racemifera* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 195 (Sagot 1885), *nom. illeg. hom., non* O.Berg (1857).

*Eugenia seriatoracemosa* Kiaersk., *Enum. Myrt. Bras.* 151 [Oct.-Nov. 1893] (Kiaerskov 1893), “*seriato-racemosa*”.

*Myrcia doloresensis* Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 63 [9 Apr. 1895] (Hieronymus 1895).

*Eugenia tinge-lingua* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 357 [“1894-96” publ. Dec. 1895] (Moore 1895).

*Eugenia perorebi* D.Parodi ex Speg. & Girola, *Anal. Soc. Rural Argent. (Cat. Descr. Maderas)* 361 (Spegazzini & Girola 1910).

*Eugenia melanosticta* Standl., *J. Arnold Arbor.* 11 (2): 126 [29 Apr. 1930] (Standley 1930), *nom. illeg. hom., non* (Miq.) Koord. & Valeton (Koorders & Valeton 1900).

*Eugenia coloradoensis* Standl., *Trop. Woods* 52: 27 (Standley 1937).

VERNACULAR NAMES. — Pa: arak-kamwi, inam-etni-seine, pakusin-amana • Ka: yalami • Te: pakulea • Wp: iwã ü, wilã ü • Wn: pailaimë, tēpupu • Br: guamirim, pitanga.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 2059.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.7$  cm.

[1234] *Eugenia galbaensis* Mattos

*Loefgrenia* 120: 4 [Mar. 2005] (Mattos 2005).

*Calycorectes guyanensis* Mattos, *Loefgrenia* 108: 1 (Mattos 1996).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 9032 (holo-, US[00479191]; iso-, CAY[CAY075775, CAY075776, CAY075777, CAY075778], P[PO5239223]).

INVENTORY DATA (FG). — 1 tree, dbh = 28.5 cm.

[1235] *Eugenia gerdae* Mazine

*Neodiversity* 4: 2 [14 Dec. 2009] (Mazine 2009).

*Eugenia monticola* (Sw.) DC. var. *racemosa* Amshoff, *Fl. Suriname* 3 (2): 121 (Amshoff 1951).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 15181*.

INVENTORY DATA (FG). — 3 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10.2$  cm.

[1236] *Eugenia gomesiana* O.Berg

*Fl. Bras. [Martius]* 14 (1): 254 [15 May 1857] (Berg 1857).

*Eugenia prosoneura* O.Berg, *Linnaea* 31: 255 (Berg 1861-1862).

VERNACULAR NAMES. — Wn: olowaimë.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-J. de Granville 1869*, 10-15m tall.

[1237] *Eugenia gongylocarpa* M.L.Kawas. & B.Holst

*Brittonia* 46 (2): 138 (Kawasaki & Holst 1994).

VERNACULAR NAMES. — Wn: tëpepuluimë.

HERBARIUM DATA (FG). — 53 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15554* (original material).

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.7$  cm.

[1238] *Eugenia griseiflora* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 187 (McVaugh 1969).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al. 25434*.

SIZE. — Up to 10 cm dbh (McVaugh 1969).

[1239] *Eugenia lambertiana* DC.

*Prodr. [A. P. de Candolle]* 3: 270 [mid Mar. 1828] (Candolle 1828).

*Eugenia schomburgkii* Benth., *J. Bot. [Hooker]* 2: 321 (Bentham 1840).

*Eugenia smaragdina* O.Berg, *Linnaea* 27 (2-3): 218 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia smaragdina* var. *angustifolia* O.Berg, *Linnaea* 27 (2-3): 218 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia smaragdina* var. *brevipes* O.Berg, *Linnaea* 27 (2-3): 219 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia smaragdina* var. *rigida* O.Berg, *Linnaea* 27 (2-3): 219 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia correae* O.Berg, *Fl. Bras. [Martius]* 14 (1): 277 [15 May 1857] (Berg 1857).

*Eugenia oligophylla* Rich. ex O.Berg, *Linnaea* 30: 685 [Mar. 1861] (Berg 1861).

*Eugenia flavonigra* Rich. ex O.Berg, *Linnaea* 30: 691 [Mar. 1861] (Berg 1861), “*flavo-nigra*”.

*Eugenia flavonigra* var. *guadalupensis* O.Berg, *Linnaea* 30: 691 [Mar. 1861] (Berg 1861).

*Eugenia flavonigra* var. *martinicensis* O.Berg, *Linnaea* 30: 692 [Mar. 1861] (Berg 1861).

*Eugenia lambertiana* var. *hispidula* McVaugh, *Mem. New York Bot. Gard.* 18 (2): 190 (McVaugh 1969).

VERNACULAR NAMES. — Wp: kumati sili • Wn: tëpepulu.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-688*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.2$  cm.

[1240] *Eugenia latifolia* Aubl.

*Hist. Pl. Guiane* 1: 502 [Jun.-Dec. 1775] (Aublet 1775). — *Myrtus latifolia* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 2: 482 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. hom., non* B.Heyne ex Roth (1821). — *Calycorectes latifolius* (Aubl.) O.Berg, *Linnaea* 30: 701 [Mar. 1861] (Berg 1861), *excl. descr. et specim.*

VERNACULAR NAMES. — Wp: kumati, kumati u, pakea'i sī • Wn: kalapime, tëpepulu, tëpepuluimë • Nt: kiinsikin banda.

HERBARIUM DATA (FG). — 65 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000953757]).

INVENTORY DATA (FG). — 12 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.3$  cm.

[1241] *Eugenia luciae* Amshoff

*Recueil Trav. Bot. Néerl.* 42: 14 (Amshoff 1950).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *O. Poncy et al. 1830*.

SIZE. — Suriname. *R.J. Evans et al. 2513* (MO), 12 m.

[1242] *Eugenia marowynensis* Miq.

*Stirp. Surinam. Select.*: 39 [“1850” publ. Mar. 1851] (Miquel 1851). — *Myrciaria marowynensis* (Miq.) O.Berg, *Linnaea* 27 (2-3): 335 [“1854” publ. Jan. 1856] (Berg 1856).

VERNACULAR NAMES. — Pa: avitkat-kamwi • Ka: pasami • Wp: kulupitá átá • Wn: waiko epit.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *C. Moretti 1035*.

INVENTORY DATA (FG). — 1 tree, dbh = 17.2 cm.

[1243] *Eugenia mimus* McVaugh  
(Fig. 41C)

*Mem. New York Bot. Gard.* 18 (2): 193 (McVaugh 1969).

VERNACULAR NAMES. — Pa: arak, arak-ahavukune.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *P. Grenand* 3131.

INVENTORY DATA (FG). — 1 tree, dbh = 12.1 cm.

[1244] *Eugenia morii* B.Holst & M.L.Kawas.

*Brittonia* 52 (1): 21 (Holst & Kawasaki 2000).

HERBARIUM DATA (FG). — Known only from the type: *S.A. Mori et al.* 14900 (holo-, CAY[CAY024885, CAY024886]; iso-, MO, not seen).

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.1$  cm.

[1245] *Eugenia moschata* (Aubl.) Nied. ex T.Durand & B.D.Jacks.

*Index Kew. Suppl.* 1: 164. (Durand & Jackson 1902). — *Catinga moschata* Aubl., *Hist. Pl. Guiane* 1: 511 [Jun.-Dec. 1775] (Aublet 1775).

*Catinga aromatica* Aubl., *Hist. Pl. Guiane* 1: 511 [Jun.-Dec. 1775] (Aublet 1775). — *Eugenia catinga* Baill., *Hist. Pl. [Baillon]* 6: 344 [June 1876] (Baillon 1876), *nom. illeg. superfl.* (based on *Catinga moschata*).

*Eugenia fasciculiflora* O.Berg, *Linnaea* 27 (2-3): 233 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia pisonis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 228 [15 May 1857] (Berg 1857).

*Eugenia leucanthera* O.Berg, *Fl. Bras. [Martius]* 14 (1): 277 [15 May 1857] (Berg 1857).

*Eugenia feijoi* O.Berg, *Fl. Bras. [Martius]* 14 (1): 283 [15 May 1857] (Berg 1857).

*Eugenia paraensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 301 [15 May 1857] (Berg 1857).

*Eugenia costata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 577 [15 Jan. 1859] (Berg 1859), *nom. illeg. hom., non* Cambess. (Cambessèdes 1833).

*Acca glazioviana* Kiaersk., *Enum. Myrt. Bras.* 115 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Acrandra glazioviana* (Kiaersk.) Burret, *Repert. Spec. Nov. Regni Veg.* 50: 59 (Burret 1941).

*Eugenia pleurosiphonea* Diels, *Verb. Bot. Vereins Prov. Brandenburg* 48: 191 [“1906” publ. 8 Mar. 1907] (Diels 1907).

*Luma bergii* Herter, *Revista Sudamer. Bot.* 7: 219 (Herter 1943).

*Eugenia kiaerskoviana* Mattos & D.Legrand, *Loefgrenia* 67: 30 (Mattos & Legrand 1975), “*kiaerskoviana*”.

NOTE. — The epithet *pisonis*, from “Piso”, the latinized name of Willem Pies, is not to be corrected (Turland et al. 2018: Art. 60.9).

VERNACULAR NAMES. — Pa: arak-kamwi, pakusin-amana • Wp: akusi yeti, miku ka’a, tamukwālē aká • Br: araçá.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 995.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.5$  cm.

[1246] *Eugenia muricata* DC.

*Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828). — *Myrtus muricata* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Myrtus riparia* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia rugosa* Ruiz & Pav. ex DC., *Prodr. [A. P. de Candolle]* 3: 280 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia riparia* DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828).

*Eugenia rutidocarpa* Ruiz & Pav. ex G.Don, *Gen. Hist.* 2: 865 [Oct. 1832] (Don 1832). — *Eugenia ripidocarpa* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 15: 219 (Ruiz & Pavón 1958), “*rypdocarpa*” on plate, *nom. illeg. superfl.* (based on the type of *E. rutidocarpa*).

*Eugenia lugens* O.Berg, *Linnaea* 27 (2-3): 299 [“1854” publ. Jan. 1856] (Berg 1856). — *Myrtus lugens* Poepp. ex O.Berg, *Linnaea* 27 (2-3): 300 [“1854” publ. Jan. 1856] (Berg 1856), *nom. nud. pro syn.*

*Eugenia rugosa* Ruiz ex O.Berg, *Linnaea* 27 (2-3): 300 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia amazonica* O.Berg, *Fl. Bras. [Martius]* 14 (1): 322 [15 May 1857] (Berg 1857).

*Eugenia racemifera* O.Berg, *Fl. Bras. [Martius]* 14 (1): 322 [15 May 1857] (Berg 1857).

*Eugenia fenzliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 323 [15 May 1857] (Berg 1857).

*Eugenia casaretteana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 520 [1 Feb. 1858] (Berg 1858).

*Eugenia muricata* var. *guyanensis* O.Berg, *Linnaea* 30: 695 [Mar. 1861] (Berg 1861). — *Eugenia spicata* Rich. ex O.Berg, *Linnaea* 30: 695 [Mar. 1861] (Berg 1861), *nom. nud. pro syn.*

*Eugenia calothyrsa* Diels, *Verb. Bot. Vereins Prov. Brandenburg* 48: 189 [“1906” publ. 8 Mar. 1907] (Diels 1907).

NOTE. — Although based on the unpublished plate of Ruiz & Pavón, *E. rutidocarpa* is validly published, with a description.

VERNACULAR NAMES. — Wp: pila lea.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *L.C. Richard* 76 (original material of *E. muricata* var. *guyanensis*: P[P01902488]).

SIZE. — Peru, Loreto. *J.J. Pipoly et al.* 13026 (MO), 18 m × 15 cm.

[1247] *Eugenia neograndifolia* Mattos

*Loefgrenia* 120: 10 [Mar. 2005] (Mattos 2005). — *Calycorectes grandifolius* O.Berg, *Linnaea* 27 (2-3): 317 [“1854” publ. Jan. 1856] (Berg 1856).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: avitkat-purubumna.

HERBARIUM DATA (FG). — 56 collections at CAY. Sel. exs.: *B. Dutrière* 399 (CAY); *H.S. Irwin et al.* 47561 (NY), 7 m × 10 cm.

[1248] *Eugenia omissa* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 197 (McVaugh 1969).

VERNACULAR NAMES. — Pa: aku-aiwut • Wp: kumati, kumati u, yawa poi li si.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *R.A.A. Oldeman & C. Sastre* 156.

SIZE. — Venezuela, Amazonas. *L. Delgado* 840 (MO), 10 m.

[1249] *Eugenia patrisii* Vahl

*Eclog. Amer.* 2: 35 (Vahl 1798). — *Myrtus patrisii* (Vahl) Spreng., *Syst. Veg. [Sprengel]* 2: 480 [Jan.-May 1825] (Sprengel 1825). — *Stenocalyx patrisii* (Vahl) O.Berg, *Linnaea* 29 (2): 247 [June 1858] (Berg 1858).

*Eugenia inocharpa* DC., *Prodr. [A. P. de Candolle]* 3: 264 [mid Mar. 1828] (Candolle 1828). — *Myrtus inocharpa* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 264 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia berlynensis* O.Berg, *Linnaea* 27 (4): 468 [“1854” publ. Feb. 1856] (Berg 1856).

*Eugenia teffensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 255 [15 May 1857] (Berg 1857).

*Eugenia vellozoi* O.Berg, *Fl. Bras. [Martius]* 14 (1): 255 [15 May 1857] (Berg 1857), “*vellozii*”.

*Eugenia teffensis* var. *subcordata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 256 [15 May 1857] (Berg 1857).

*Eugenia teffensis* var. *truncata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 256 [15 May 1857] (Berg 1857).

*Stenocalyx patrisii* var. *parvifolius* O.Berg, *Linnaea* 30: 699 [Mar. 1861] (Berg 1861).

*Stenocalyx patrisii* var. *grandifolius* O.Berg, *Linnaea* 30: 700 [Mar. 1861] (Berg 1861).

VERNACULAR NAMES. — Pa: inam-etni • Ka: kuapitano, kuwapi-tyano • Te: uwa pitāg ndi • Wp: iwa pitā, yāwi ki’iy • Nt: busi siriz, paawisi besi • Cr: siriz-gran-bwa, siriz-ronde • Fr: cerise de Cayenne • Br: fruta-de-jaboti, pitanga, ubaia.

HERBARIUM DATA (FG). — 74 collections at CAY. Sel. exs.: *J.P.B. von Rohr s.n.* (type C[C10015707]).

INVENTORY DATA (FG). — 115 trees in 68 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 26.8$  cm.

[1250] *Eugenia polystachya* Rich.

*Actes Soc. Hist. Nat. Paris* 1: 110 [Oct. 1792] (Richard 1792).

*Eugenia patens* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 124 [24 Sep. 1813] (Poiret 1813).

*Eugenia verruculosa* DC., *Prodr. [A. P. de Candolle]* 3: 284 [mid Mar. 1828] (Candolle 1828). — *Myrtus verruculosa* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 285 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Eugenia schlechtendaliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 321 [15 May 1857] (Berg 1857).

*Eugenia forsteri* O.Berg, *Linnaea* 29 (2): 241 [June 1858] (Berg 1858).

VERNACULAR NAMES. — Pa: kuyau-kamwi • Wp: miku ka’a, moyu’i, tamukwālē ākā, wila tipita toto, yawayi lū.

HERBARIUM DATA (FG). — 57 collections at CAY. Sel. exs.: *L.C. Richard* 77 (original material P[P01902610, P01902611]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $dbh_{\text{inv}} = 26$  cm.

[1251] *Eugenia pseudopsidium* Jacq.

*Enum. Syst. Pl.* 23 [Aug.-Sep. 1760] (Jacquin 1760). — *Myrtus pseudopsidium* (Jacq.) Spreng., *Syst. Veg. [Sprengel]* 2: 481 [Jan.-May 1825] (Sprengel 1825).

*Eugenia portoricensis* DC., *Prodr. [A. P. de Candolle]* 3: 266 [mid Mar. 1828] (Candolle 1828). — *Myrtus willdenowii* Spreng. var. *portoricensis* Spreng. ex DC., *Prodr. [A. P. de Candolle]* 3: 266 [mid Mar. 1828] (Candolle 1828), “*Portoricensis*”, *nom. nud. pro syn.* — *Stenocalyx portoricensis* (DC.) O.Berg, *Linnaea* 29 (2): 246 [June 1858] (Berg 1858). — *Eugenia pseudopsidium* var. *portoricensis* (DC.) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 647 [26 Feb. 1895] (Krug & Urban 1895).

*Eugenia portoricensis* var. *brevipes* DC., *Prodr. [A. P. de Candolle]* 3: 266 [mid Mar. 1828] (Candolle 1828).

*Eugenia psidioides* DC., *Prodr. [A. P. de Candolle]* 3: 268 [mid Mar. 1828] (Candolle 1828).

*Stenocalyx pseudopsidium* O.Berg, *Linnaea* 27 (2-3): 314 [“1854” publ. Jan. 1856] (Berg 1856), “*Pseudo-Psidium*”. — *Eugenia pseudopsidium* Willd. ex O.Berg, *Linnaea* 27 (2-3): 314 [“1854” publ. Jan. 1856] (Berg 1856), *nom. nud. pro syn., non Jacq.*

*Eugenia compta* Rich. ex O.Berg, *Linnaea* 30: 677 [Mar. 1861] (Berg 1861).

*Eugenia prieurii* O.Berg, *Linnaea* 30: 681 [Mar. 1861] (Berg 1861). — *Eugenia prieurii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 188 (Sagot 1885), “*Prieurei*”, isonym.

*Eugenia prieurii* var. *robusta* O.Berg, *Linnaea* 30: 681 [Mar. 1861] (Berg 1861), *nom. inval.*

*Eugenia prieurii* var. *tenuiramis* O.Berg, *Linnaea* 30: 682 [Mar. 1861] (Berg 1861).

*Eugenia willdenowii* Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 81 [Jan. 1893] (Niedenzu 1893).

*Eugenia pseudopsidium* var. *genuina* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 647 [26 Feb. 1895] (Krug & Urban 1895), *nom. inval.* (Turland et al. 2018: Art. 24.3).



*Eugenia megalocarpa* Urb., *Symb. Antill. [Urban]* 5 (3): 444 [20 May 1908] (Urban 1908).

*Eugenia cryptadena* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 17 (Amshoff 1950).

NOTES. — Since the type of *Eugenia prieurii* var. *robusta* O.Berg is that of *E. prieurii* O.Berg, the former is invalid (it should be var. *prieurii*). *Eugenia prieurii* Sagot is based on the very same type, and is thus an isonym. *Stenocalyx pseudopsidium* O.Berg is not based on *E. pseudopsidium* Jacq., because both taxa are treated as distinct in the same publication (Berg 1856).

VERNACULAR NAMES. — Pa: kagegut-puvemna, kagegut-puveyo, karegut-puvemna • Wp: piki li • Br: araçázinho, murta.

HERBARIUM DATA (FG). — 124 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 956.

INVENTORY DATA (FG). — 56 trees in 46 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.2$  cm.

[1252] *Eugenia sinemariensis* Aubl.

*Hist. Pl. Guiane* 1: 501 [Jun.-Dec. 1775] (Aublet 1775). — *Myrtus sinemariensis* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 2: 483 [Jan.-May 1825] (Sprengel 1825). — *Epleianda sinemariensis* (Aubl.) Raf., *Sylva Tellur.*: 107 (Rafinesque 1838).

*Eugenia coffeifolia* DC., *Prodr. [A. P. de Candolle]* 3: 272 [mid Mar. 1828] (Candolle 1828), “*coffeaeifolia*”, **syn. nov.**

*Myrciaria ramiflora* O.Berg, *Linnaea* 27 (2-3): 334 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia coffeifolia* var. *grandifolia* O.Berg, *Linnaea* 29 (2): 231 [June 1858] (Berg 1858).

*Eugenia coffeifolia* var. *parvifolia* O.Berg, *Linnaea* 29 (2): 231 [June 1858] (Berg 1858).

*Eugenia melinonii* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 194 (Sagot 1885), “*Melinonis*”.

NOTES. — Govaerts *et al.* (2008) provisionally placed *E. sinemariensis* in synonymy under *E. coffeifolia*. The species known as *E. coffeifolia* is a very common understorey tree in the forests of Northern French Guiana, and its red, edible and fleshy cherry-sized berries are frequently seen. It would therefore have been surprising if Aublet had never encountered it. Leaves from the type of *E. sinemariensis* at LINN (LINN-HS 883.12) match perfectly with *E. coffeifolia*, and its fruit was compared by Aublet to the azerola (*Malpighia emarginata* Sessé & Moc. ex DC.), i.e. a red, cherry-sized fleshy berry. Aublet’s specimen filed as *E. arivoa* at BM (BM000953762) and labelled by Amshoff “Type of *Eug. sinemariensis* Aubl. ???”, is actually *Mouriri sagotiana* Triana, probably from the same collection as the lower part of the supposed original material of *Eugenia arivoa* Aubl. (BM000953761). The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8).

VERNACULAR NAMES. — Pa: inam-etni-duwó, inam-etni-kamwi, inamkat-duwē, inamkat-wahuyo • Ka: alaidya, pasyolawa • Wp: mila yowa, pila lea, wila yowa • Nr: baaka bee sii, gibomasa • Br: murta.

HERBARIUM DATA (FG). — 175 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN, LINN-HS 883.12).

INVENTORY DATA (FG). — 209 trees in 75 plots;  $F_{\max} = 3.8\%$ ;  $dbh_{\text{inv}} = 36.7$  cm.

[1253] *Eugenia spruceana* O.Berg

*Fl. Bras. [Martius]* 14 (1): 257 [15 May 1857] (Berg 1857).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 8765.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.3$  cm.

[1254] *Eugenia stictopetala* DC.

*Prodr. [A. P. de Candolle]* 3: 270 [mid Mar. 1828] (Candolle 1828).

*Eugenia martiusiana* DC., *Prodr. [A. P. de Candolle]* 3: 269 [mid Mar. 1828] (Candolle 1828).

*Eugenia ochra* O.Berg, *Linnaea* 27 (2-3): 216 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia roraimana* O.Berg, *Linnaea* 27 (2-3): 219 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia tapacumensis* O.Berg, *Linnaea* 27 (2-3): 222 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia tapacumensis* var. *angustifolia* O.Berg, *Linnaea* 27 (2-3): 222 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia tapacumensis* var. *latifolia* O.Berg, *Linnaea* 27 (2-3): 222 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia piaubhiensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 285 [15 May 1857] (Berg 1857).

*Eugenia eschholtziana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 582 [15 Jan. 1859] (Berg 1859).

*Eugenia eschholtziana* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 582 [15 Jan. 1859] (Berg 1859).

*Eugenia eschholtziana* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 582 [15 Jan. 1859] (Berg 1859).

NOTES. — Govaerts *et al.* (2008) placed *E. doniana* O.Berg in synonymy under *E. stictopetala* DC. In fact, *E. doniana* is an error in Berg’s index of names (1859: 643-644). Under *Eugenia* is written “*Doniana* Bg. 518”, that is on p. 518, where is found *Myrcia doniana* O.Berg, a species accepted by Govaerts *et al.* (2008) and unrelated to *E. stictopetala*. We therefore exclude *E. doniana* from synonymy.

VERNACULAR NAMES. — Wp: kumati, kuya lá.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand* 992.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.8$  cm.

[1255] *Eugenia tenuiflora* Mazine

*Kew Bull.* 64 (1): 149 [May 2009] (Mazine 2009).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al.* 24757.

SIZE. — Brazil, Amazonas. *G.T. Prance et al.* 3222 (holo-, MG, not seen; iso-, F[V0109955F], K[K000913195], US[01898006]), 12 m × 10 cm.

[1256] *Eugenia tetramera*  
(McVaugh) M.L.Kawas. & B.Holst  
(Fig. 42A)

*Brittonia* 46 (2): 142 (Kawasaki & Holst 1994). — *Campomanesia tetramera* McVaugh, *Mem. New York Bot. Gard.* 18 (2): 239 (McVaugh 1969).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: inam-etni-kamwi • Nt: busi banda.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2461*.

INVENTORY DATA (FG). — 62 trees in 36 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 28.6$  cm.

[1257] *Eugenia wentii* Amshoff  
(Fig. 42B)

*Recueil Trav. Bot. Néerl.* 39: 158 (Amshoff 1942). — *Phyllocalyx wentii* Amshoff, *Recueil Trav. Bot. Néerl.* 39: 158 (Amshoff 1942).

*Calycorectes macrocalyx* Rusby, *Mem. New York Bot. Gard.* 7: 313 (Rusby 1927). — *Eugenia macrocalyx* (Rusby) McVaugh, *Fiel-diana, Bot.* 29 (3): 212 [30 Nov. 1956] (McVaugh 1956), *nom. illeg. hom., non* Mart. ex B.D.Jacks. (Jackson 1893).

NOTE. — *Eugenia wentii* and *Phyllocalyx wentii* are alternative names, but as they were published before January 1, 1953, they are both valid (Turland *et al.* 2018: Art. 36.3).

VERNACULAR NAMES. — Pa: kagegut, karegut • Wp: yawayi lü.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5794*.

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.5$  cm.

[1258] *Eugenia wullschlaegeliana* Amshoff

*Natuurw. Stud. Suriname & Curacao* 2: 20. (Amshoff 1948).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *Y. Caraglio 508*.

SIZE. — Up to 18 m tall (McVaugh 1969).

[1259] *Eugenia* sp. A

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-10”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4660*.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[1260] *Eugenia* sp. B

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-12”.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2714*.

INVENTORY DATA (FG). — 6 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.4$  cm.

[1261] *Eugenia* sp. C

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-13”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2657*.

INVENTORY DATA (FG). — 6 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.3$  cm.

[1262] *Eugenia* sp. D

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-16”.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2309*.

INVENTORY DATA (FG). — 15 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.1$  cm.

[1263] *Eugenia* sp. E

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-19”.

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 2116*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.1$  cm.

[1264] *Eugenia* sp. F

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-20”.

HERBARIUM DATA (FG). — 2 collections at CAY: *D. Paget 201*; *D. Loubry 2392*.

INVENTORY DATA (FG). — 42 trees in 10 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[1265] *Eugenia* sp. G

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-21”.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3670*.

INVENTORY DATA (FG). — 39 trees in 34 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37.7$  cm.

[1266] *Eugenia* sp. H

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-22”.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Paget* 204.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31$  cm.

[1267] *Eugenia* sp. I

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-27”.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier* 858.

INVENTORY DATA (FG). — 3 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.6$  cm.

[1268] *Eugenia* sp. J

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-29”.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Larpin* 687.

INVENTORY DATA (FG). — 36 trees in 9 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 37.6$  cm.

[1269] *Eugenia* sp. K

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-31”.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *J.-F. Villiers* 1873, height 15 m.

[1270] *Eugenia* sp. L

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-6”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al.* 23307.

INVENTORY DATA (FG). — 12 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.8$  cm.

[1271] *Eugenia* sp. M

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-7”.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al.* 4780,  $dbh = 14$  cm.

[1272] *Eugenia* sp. N

NOTE. — This is the “*Eugenia* sp. B” in Holst & Kawasaki (2002); collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-8”.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 15192, 10 m × 13 cm.

[1273] *Eugenia* sp. O  
(Fig. 41D, E)

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Eugenia* FG-9”.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 2075.

INVENTORY DATA (FG). — 14 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.7$  cm.

[1274] *Eugenia* sp. P

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier* 828.

INVENTORY DATA (FG). — 16 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.4$  cm.

[1275] *Eugenia* sp. Q

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & M.-F. Prévost* 3102.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.3$  cm.

[1276] *Eugenia* sp. R

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2360.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17.2$  cm.

Genus *Melaleuca* L.

[1277] *Melaleuca leucadendra* (L.) L.

*Mant. Pl.* 1: 105 (Linnaeus 1767). — *Myrtus leucadendra* L., *Herb. Amb.*: 9 (Linnaeus 1754). — *Leptospermum leucadendrum* (L.) J.R.Forst. & G.Forst., *Char. Gen. Pl.*: 72 [“1776” publ. late Nov.-early Dec. 1775] (Forster & Forster 1775), “*Leucadendron*”. — *Meladendron leuclidum* St.-Lag., *Ann. Soc. Bot. Lyon* 7: 64 (Saint-Lager 1880), *nom. illeg. superfl.* [based on *Melaleuca leucadendra* (L.) L.]. — *Kajuputi leucadendra* (L.) Farw., *Druggists’ Circ.* 61: 175 (Farwell 1917), “*Leucadendron*”.

*Myrtus saligna* Burm.f., *Fl. Indica [N.L. Burman]*: 116 (Burman 1768).

*Myrtus alba* Noronha, *Verh. Batav. Genootsch. Kunst.* 5 (4): 20 (Noronha 1790).

*Metrosideros coriacea* K.D.Koenig & Sims, *Prodr. Stirp. Chap. Allerton* 352 [Nov.-Dec. 1796] (Koenig & Sims 1796).

*Melaleuca rigida* Roxb., *Fl. Ind.*, ed. 1832, 3: 399 (Roxburgh 1832).

*Melaleuca leucadendra* var. *angusta* C.Rivière, *Bull. Soc. Natl. Acclim. France*, sér. 3, 9: 537 (Rivière 1882).

*Melaleuca leucadendra* var. *cunninghamii* F.M.Bailey, *Syn. Queensl. Fl.* 171 (Bailey 1883).

*Melaleuca leucadendra* var. *lancifolia* F.M.Bailey, *Syn. Queensl. Fl.* 170 (Bailey 1883).

*Melaleuca mimosoides* A.Cunn. ex Schauer, *Repert. Bot. Syst. [Walpers]* 2 (5): 927 [28-30 Dec. 1843] (Schauer 1843). — *Melaleuca leucadendra* var. *mimosoides* (A.Cunn. ex Schauer) Cheel, *Fl. N. Territory*: 295 (Cheel 1917).

*Melaleuca amboinensis* Gand., *Bull. Soc. Bot. France* 65: 26, (Gandoger 1918), “*abominensis*”.

NOTE. — A species native to East Indonesia and North Australia, introduced in French Guiana and now invasive in a few coastal savannas.

VERNACULAR NAMES. — Fr: niaouli.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: C. *Delnatte* 1549.

[1278] *Melaleuca quinquenervia* (Cav.) S.T.Blake

*Proc. Roy. Soc. Queensland* 69: 76 (Blake 1958). — *Metrosideros quinquenervia* Cav., *Icon. [Cavanilles]* 4: 19 (Cavanilles 1797).

*Melaleuca leucadendra* var. *angustifolia* L.f., *Suppl. Pl.*: 342 [“1781” publ. Apr. 1782] (Linnaeus 1782), “*Leucadendron*”. — *Kajuputi leucadendra* var. *angustifolia* (L.f.) Farw., *Druggists’ Circ.* 61: 175 (Farwell 1917), “*Leucadendron, Angustifolia*”. — *Melaleuca viridiflora* Sol. ex Gaertn. var. *angustifolia* (L.f.) Byrnes, *Austrobaileya* 2: 74 (Byrnes 1984).

*Metrosideros coriacea* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 685 [3 Sep. 1814] (Poiret 1814). — *Melaleuca leucadendra* var. *coriacea* (Poir.) Cheel, *Fl. N. Territory* 297 (Cheel 1917), “*Leucadendron*”.

*Metrosideros albida* Sieber ex DC., *Prodr. [A. P. de Candolle]* 3: 212 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Melaleuca viridiflora* Sol. ex Gaertn. var. *rubriflora* Brongn. & Gris, *Bull. Soc. Bot. France* 11: 183 (Brongniart & Gris 1864). — *Melaleuca rubriflora* Vieill. ex Brongn. & Gris, *Bull. Soc. Bot. France* 11: 183 (Brongniart & Gris 1864), *nom. nud. pro syn.*

*Melaleuca maidenii* R.T.Baker, *Proc. Linn. Soc. New South Wales* 38 (4): 598 [“1913” publ. 23 Mar. 1914] (Baker 1914), “*Maideni*”.

*Melaleuca smithii* R.T.Baker, *Proc. Linn. Soc. New South Wales* 38 (4): 599 [“1913” publ. 23 Mar. 1914] (Baker 1914).

*Melaleuca leucadendra* var. *albida* Cheel, *Fl. N. Territory* 301 (Cheel 1917), “*Leucadendron*”.

NOTE. — A species native to New Guinea, eastern Australia and New Caledonia, introduced in French Guiana and now invasive in a few coastal savannas.

VERNACULAR NAMES. — Fr: niaouli.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: D. *Loubry* 1626.

Genus *Myrcia* DC. ex Guill.

[1279] *Myrcia amazonica* DC.

*Prodr. [A. P. de Candolle]* 3: 250 [mid Mar. 1828] (Candolle 1828). — *Myrcia amazonica* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 250 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Aulomyrcia amazonica* (DC.) O.Berg, *Linnaea* 27 (1): 41 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia leptoclada* DC., *Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia leptoclada* (DC.) O.Berg, *Linnaea* 27 (1): 40 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia corymbosa* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia corymbosa* (DC.) O.Berg, *Linnaea* 27 (1): 41 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia detergens* Miq., *Linnaea* 22: 795 [“1849” publ. May 1850] (Miquel 1850). — *Aulomyrcia detergens* (Miq.) O.Berg, *Linnaea* 27 (1): 46 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia hostmanniana* O.Berg, *Linnaea* 27 (1): 42 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcia hostmanniana* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Aulomyrcia hostmanniana* var. *gracilior* O.Berg, *Linnaea* 27 (1): 43 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia hostmanniana* var. *robustior* O.Berg, *Linnaea* 27 (1): 43 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcia hostmanniana* var. *robustior* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Aulomyrcia paraensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 76 [15 May 1857] (Berg 1857). — *Myrcia paraensis* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 78 [Oct.-Nov. 1893] (Kiaerskov 1893), “*Paraensis*”.

*Aulomyrcia spruceana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 76 [15 May 1857] (Berg 1857). — *Myrcia sprucei* Mattos, *Loefgrenia* 126: 3 [Sep. 2008] (Mattos 2008), *nom. illeg. superfl.* (based on *Aulomyrcia spruceana*).

*Aulomyrcia detergens* var. *depauperata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 77 [15 May 1857] (Berg 1857).

*Aulomyrcia detergens* var. *dives* O.Berg, *Fl. Bras. [Martius]* 14 (1): 77 [15 May 1857] (Berg 1857).

*Myrcia oitchi* O.Berg, *Fl. Bras. [Martius]* 14 (1): 563 [15 Jan. 1859] (Berg 1859).

*Aulomyrcia vauthieriana* O.Berg, *Linnaea* 30: 655 [Mar. 1861] (Berg 1861), “*Vauthiereana*”.

*Myrcia leptoclada* var. *glazioviana* Kiaersk., *Enum. Myrt. Bras.* 78 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrcia lundiana* Kiaersk., *Enum. Myrt. Bras.* 78 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrcia gentlei* Lundell, *Wrightia* 2 (4): 214 (Lundell 1961). — *Myrcia minoriflora* Mattos, *Loefgrenia* 129: 2 (Mattos 2009), *nom. illeg. superfl.* (based on *Gomidesia minutiflora*).

*Myrcia sagotii* Mattos, *Loefgrenia* 125: 4 [July 2008] (Mattos 2008).

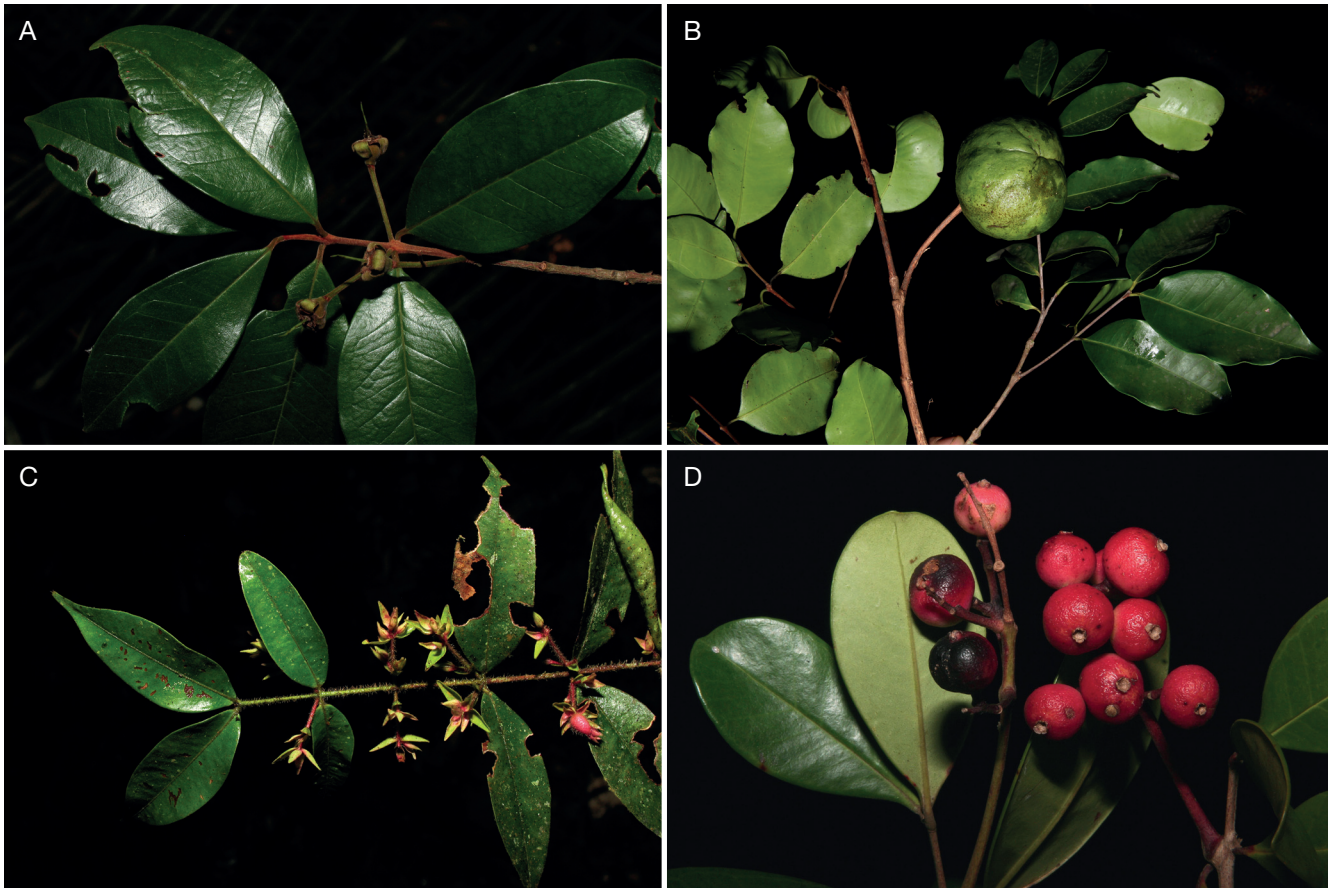


FIG. 42. — Myrtaceae: **A**, *Eugenia tetramera* (McVaugh) M.L.Kawas. & B.Holst (J.-F. Molino & D. Sabatier 2461); **B**, *Eugenia wentii* Amshoff (D. Sabatier & J.-F. Molino 5794); **C**, *Myrcia bracteata* (Rich.) DC. (J.-F. Molino & D. Sabatier 2442); **D**, *Myrcia platyclada* DC. (M.-F. Prévost & S. Gonzalez 5314). A, C, © J.-F. Molino/IRD; B, D, © D. Sabatier/IRD.

*Gomidesia minutiflora* Mattos & D.Legrand, *Loefgrenia* 67: 15 (Mattos & Legrand 1975).

VERNACULAR NAMES. — Pa: arak-kwikwiyo • Ka: asaikiabe, seityape, tapilen seityape • Wp: piki li sili • Br: aracá.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 2249.

INVENTORY DATA (FG). — 18 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 41.1$  cm.

[1280] *Myrcia amshoffae* (McVaugh) A.R.Lourenço & E.Lucas

*Phytotaxa* 373 (1): 73 [23 Oct. 2018] (Lourenço & Lucas 2018). — *Calyptanthus amshoffae* McVaugh, *Mem. New York Bot. Gard.* 10 (1): 70 (McVaugh 1958).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: pila lea.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: D. Larpin 846.

INVENTORY DATA (FG). — 6 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.5$  cm.

[1281] *Myrcia attenuata* M.F.Santos

*Phytotaxa* 234 (2): 163 (Santos 2015).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: J.-J. de Granville *et al.* 6503 (holo-, B, not seen; iso-, BR[BR0000013176433], CAY[CAY097245], P[P05233192]); R.A.A. Oldeman T-650 [paratype], 25 m × 20 cm.

[1282] *Myrcia bracteata* (Rich.) DC. (Fig. 42C)

*Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828). — *Eugenia bracteata* Rich., *Actes Soc. Hist. Nat. Paris* 1: 110 [Oct. 1792] (Richard 1792). — *Myrtus bracteata* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Myrcia lanceolata* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 329 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832).

*Myrcia lanceolata* var. *angustifolia* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 329 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832).

*Myrcia lanceolata* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 155 [15 May 1857] (Berg 1857).

*Myrcia lanceolata* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 155 [15 May 1857] (Berg 1857).

*Myrcia lanceolata* var. *avenia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 156 [15 May 1857] (Berg 1857).

*Myrcia lanceolata* var. *racemosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 156 [15 May 1857] (Berg 1857).

*Myrcia hirtellifolia* Gleason, *Bull. Torrey Bot. Club* 58 (7): 411 [Oct. 1931] (Gleason 1931), “*hirtellaefolia*”.

*Eugenia hirsuta* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 15: 220 (Ruiz & Pavón 1958).

VERNACULAR NAMES. — Pa: arak-priyu, kagegut, kagegut-ahavukune, kagegut-puvemna, karegut • Wp: kumesi sili, piki li sili, pila lea • Cr: koumaté • Br: cumaté, murtinha.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.B. Leblond 110* (original material BR[BR0000005238668], G[G00223176]).

SIZE. — Ecuador. *C. Kajekai 356* (MO), 10 m.

[1283] *Myrcia coumete* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828), “*Coumeta*”. — *Eugenia coumete* Aubl., *Hist. Pl. Guiane* 1: 497 [Jun.-Dec. 1775] (Aublet 1775), “*Coumété*”. — *Myrtus coumete* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 2: 488 [Jan.-May 1825] (Sprengel 1825), “*Comete*”. — *Cumetea alba* Raf., *Sylva Tellur.*: 106 (Rafinesque 1838), *nom. illeg. superfl.* (based on *Eugenia coumete*). — *Aulomyrcia coumete* (Aubl.) O.Berg, *Linnaea* 27 (1): 60 [“1854” publ. Nov. 1855] (Berg 1855), “*Coumeta*”.

*Myrtus carnea* G.Mey., *Prim. Fl. Esseq.* 191 [Nov. 1818] (Meyer 1818), “*Myrthus*”. — *Myrcia carnea* (G.Mey.) DC., *Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828).

VERNACULAR NAMES. — Ka: tapuliyuipo • Wp: kumesi sili • Wn: pasiwet • Nt: dondowku, lebi tongo • Br: cumaté-rana, pitanga-miuda.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *F. Hallé 629*.

SIZE. — Costa Rica. *L. Acosta & L.A. González 14* (MO), 16 m × 11 cm.

[1284] *Myrcia cuprea* (O.Berg) Kiaersk.

*Enum. Myrt. Bras.* 95 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Aulomyrcia cuprea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 77 [15 May 1857] (Berg 1857).

*Aulomyrcia chrysophylla* O.Berg, *Fl. Bras. [Martius]* 14 (1): 125 [15 May 1857] (Berg 1857). — *Myrcia chrysophylla* (O.Berg) Mattos, *Loefgrenia* 126: 4 [Sep. 2008] (Mattos 2008).

VERNACULAR NAMES. — Wp: wai piyü sili, wai sili.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-849A*, 15 m × 20 cm.

[1285] *Myrcia decorticans* DC.

*Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia polymorpha* O.Berg, *Linnaea* 27 (1): 46 [“1854” publ. Nov. 1855] (Berg 1855), *nom. illeg. superfl.* (based on *Myrcia decorticans*). — *Aulomyrcia polymorpha* var. *decorticans* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 78 [15 May 1857] (Berg 1857).

*Myrcia leucophloea* DC., *Prodr. [A. P. de Candolle]* 3: 247 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia polymorpha* var. *leucophloea* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 78 [15 May 1857] (Berg 1857).

*Myrcia duriuscula* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia polymorpha* var. *duriuscula* (Mart. ex DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 78 [15 May 1857] (Berg 1857).

*Myrcia lasiopus* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828). — *Eugenia lasiopus* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Aulomyrcia polymorpha* var. *lasiopus* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 78 [15 May 1857] (Berg 1857).

*Aulomyrcia salzmännii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 116 [15 May 1857] (Berg 1857).

*Calyptanthus tobagensis* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 593 [26 Feb. 1895] (Krug & Urban 1895). — *Myrcia tobagensis* (Krug & Urb.) Urb., *Repert. Spec. Nov. Regni Veg.* 14: 336 (Urban 1916). — *Aulomyrcia tobagensis* (Krug & Urb.) Amshoff, *Recueil Trav. Bot. Néerl.* 39: 155 (Amshoff 1942).

*Aulomyrcia tetramera* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 9 (Amshoff 1950). — *Myrcia tetramera* (Amshoff) Lemée, *Fl. Guyane Franç.* 3: 150 (Lemée 1954).

*Marlierea gleasonii* McVaugh, *Mem. New York Bot. Gard.* 10 (1): 83 (McVaugh 1958).

VERNACULAR NAMES. — Pa: aku-aiwut, inam-etni-duwō • Wp: pakea'i • Nt: lebi tongo • Br: cumaté-rana.

HERBARIUM DATA (FG). — 71 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3762*.

INVENTORY DATA (FG). — 93 trees in 49 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{inv} = 26.7$  cm.

[1286] *Myrcia deflexa* (Poir.) DC.

*Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Eugenia deflexa* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 124 [24 Sep. 1813] (Poirot 1813). — *Myrtus deflexa* (Poir.) Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 142 [6 Aug. 1823] (Kunth 1823). — *Myrcia humboldtiana* DC., *Prodr. [A. P. de Candolle]* 3: 256 [mid Mar. 1828] (Candolle 1828), *nom. illeg. superfl.* (based on *Myrtus deflexa*).

*Myrcia crassinervia* DC., *Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828).

*Eugenia paniculata* Sieber ex C.Presl, *Isis [Oken]* 21: 274 (Presl 1828).

*Myrcia duchassaingiana* O.Berg, *Linnaea* 27 (1): 88 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia ferruginea* var. *domingensis* O.Berg, *Linnaea* 27 (1): 90 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia humboldtiana* var. *orinocensis* O.Berg, *Linnaea* 27 (1): 120 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia humboldtiana* var. *caribaea* O.Berg, *Linnaea* 27 (1): 121 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia sulcata* O.Berg, *Linnaea* 30: 667 [Mar. 1861] (Berg 1861). — *Eugenia sulcata* Rich. ex O.Berg, *Linnaea* 30: 667 [Mar. 1861] (Berg 1861), *nom. nud. pro syn.*

*Myrcia deflexa* var. *dussii* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 588 [26 Feb. 1895] (Krug & Urban 1895). — *Myrcia dussii* (Krug & Urb.) T.Durand & B.D.Jacks., *Index Kew. Suppl.* 1: 285 [20 Nov. 1903] (Durand & Jackson 1903).

NOTE. — Govaerts *et al.* (2008) wrongly place *Myrcia humboldtiana* DC. in synonymy under *M. splendens* (Sw.) DC. *M. humboldtiana* is undoubtedly based on *Myrtus deflexa* (Poir.) DC., as both the name and type of the latter are cited by Candolle (1828: 256).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *Service Forestier* 5147.

SIZE. — Up to 30 cm dbh (Amshoff 1948).

[1287] *Myrcia fasciculata* (O.Berg) K.Campbell & K.Samra

*Phytotaxa* 406 (3): 148 (Campbell & Samra 2019). — *Calypttranthes fasciculata* O.Berg, *Linnaea* 27 (1): 31 [“1854” publ. Nov. 1855] (Berg 1855). — *Chytraculia fasciculata* (O.Berg) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891). — *Calypttranthes fasciculata* var. *genuina* Stehlé & Quentin, *Fl. Guadeloupe [Stehlé]* 2 (3): 62 (Stehlé & Quentin 1949), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Calypttranthes sericea* Griseb., *Fl. Brit. W.I. [Grisebach]* 233 [late 1860] (Grisebach 1860).

*Calypttranthes sericea* var. *bahnii* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 602 [26 Feb. 1895] (Krug & Urban 1895). — *Calypttranthes fasciculata* var. *bahnii* (Krug & Urb.) Stehlé & Quentin, *Fl. Guadeloupe [Stehlé]* 2 (3): 62 (Stehlé & Quentin 1949).

VERNACULAR NAMES. — Ka: talipi • Wp: yawa poi li.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *P. Grenand* 1013, height 10 m.

[1288] *Myrcia ferruginea* (Poir.) DC.

*Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828). — *Eugenia ferruginea* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 3: 124 [24 Sep. 1813] (Poiret 1813). — *Myrtus ferruginea* (Poir.) Spreng., *Syst. Veg. [Sprengel]* 2: 487 [Jan.-May 1825] (Sprengel 1825). — *Krugia ferruginea* (Poir.) Urb., *Bot. Jahrb. Syst.* 19 (5): 604 [26 Feb. 1895] (Urban 1895). — *Marlierea ferruginea* (Poir.) McVaugh, *Mem. New York Bot. Gard.* 10 (1): 83 (McVaugh 1958).

*Marlierea acuminata* O.Berg, *Linnaea* 27 (1): 13 [“1854” publ. Nov. 1855] (Berg 1855).

*Marlierea elliptica* Griseb., *Fl. Brit. W.I. [Grisebach]* 233 [late 1860] (Grisebach 1860). — *Krugia elliptica* (Griseb.) Urb., *Ber. Deutsch. Bot. Ges.* 11: 376 (Urban 1893).

*Eugeniopsis richardiana* O.Berg, *Linnaea* 30: 665 [Mar. 1861] (Berg 1861). — *Marlierea richardiana* (O.Berg) Nied., *Nat. Pflanzenfam.*

[Engler & Prantl] 3 (7): 76 [Jan. 1893] (Niedenzu 1893), *nom. illeg. hom., non* O.Berg (1861).

*Marlierea guyanensis* D.Legrand, *Comun. Bot. Mus. Hist. Nat. Montevideo* 3 (40): 36 (Legrand 1962).

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *Unknown coll. s.n.* (“Herb. Poir.”) (original material FI[F1011506], P[P00547993, P01817729]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.9$  cm.

[1289] *Myrcia forsteri* (O.Berg) Molino & G.P.Burton

*Ann. Missouri Bot. Gard.* 107: 108 (Burton *et al.* 2022). — *Calypttranthes forsteri* O.Berg, *Linnaea* 27 (1): 23 [“1854” publ. Nov. 1855] (Berg 1855). — *Chytraculia forsteri* (O.Berg) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891). — *Myrcia neofosteri* A.R.Lourenço & E.Lucas, *Phytotaxa* 373 (1): 75 [23 Oct. 2018] (Lourenço & Lucas 2018), *nom. illeg. superfl.* (based on *Calypttranthes forsteri*).

NOTES. — Lourenço *et al.* (2018) transferred the majority of continental American species of *Calypttranthes* to *Myrcia* to reflect the paraphyly of the former genus and modern infra-generic arrangement of the latter (Lucas *et al.* 2018). Among these new names, some turned out to be illegitimate as homonyms of older names in *Myrcia* (e.g. Lima *et al.* 2020) or, as here, because the original preference for a name significantly different from existing *Myrcia forsteri* Croat (Croat 1974) would not be supported by the approach to homonyms of the International Code for Botanical Nomenclature (Turland *et al.* 2018). The appropriate combination is therefore made here.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *R.A.A. Oldeman* B-2825, 10 m × 40 cm.

[1290] *Myrcia gigas* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 88 (McVaugh 1969).

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *S.A. Mori et al.* 20960.

INVENTORY DATA (FG). — 1 tree, dbh = 10.5 cm.

[1291] *Myrcia graciliflora* Sagot

*Ann. Sci. Nat., Bot. sér.* 6, 20: 185 (Sagot 1885).

*Eugenia schaueriana* Miq., *Linnaea* 22: 174 (Miquel 1849). — *Aulomyrcia schaueriana* (Miq.) Amshoff, *Recueil Trav. Bot. Néerl.* 39: 155 (Amshoff 1942). — *Myrciaria schaueriana* (Miq.) O.Berg, *Linnaea* 27 (2-3): 323 [“1854” publ. Jan. 1856] (Berg 1856).

VERNACULAR NAMES. — Ka: akami enulu, tutu • Cr: koumaté.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *R.A.A. Oldeman* B-1825.

INVENTORY DATA (FG). — 1 tree, dbh = 13.3 cm.

[1292] *Myrcia guianensis* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828). — *Eugenia guianensis* Aubl., *Hist. Pl. Guiane* 1: 506 [Jun.-Dec. 1775] (Aublet 1775). — *Myrtus guianensis* (Aubl.) Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 45 [Oct. 1825] (Hamilton 1825). — *Aguava guianensis* (Aubl.) Raf., *Sylva Tellur.*: 107 (Rafinesque 1838).

*Myrtus pyrifolia* J.St.-Hil., *Traité Arbr. Arbust.*, ed. 2, 1: 208 (Saint-Hilaire 1803).

*Myrcia daphnoides* DC., *Prodr. [A. P. de Candolle]* 3: 246 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia daphnoides* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 132 [15 May 1857] (Berg 1857).

*Myrcia myoporina* DC., *Prodr. [A. P. de Candolle]* 3: 246 [mid Mar. 1828] (Candolle 1828).

*Myrcia exsucca* DC., *Prodr. [A. P. de Candolle]* 3: 247 [mid Mar. 1828] (Candolle 1828). — *Myrtus exsucca* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 247 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Aulomyrcia exsucca* (DC.) O.Berg, *Linnaea* 27 (1): 79 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcia queimadensis* Mattos, *Loefgrenia* 122: 4 [June 2006] (Mattos 2006), *nom. illeg. superfl.* (based on *Myrcia exsucca*).

*Myrtus duartii* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 247 [mid Mar. 1828] (Candolle 1828), “*Duarti*”, *nom. nud. pro syn.*

*Myrcia schrankiana* DC., *Prodr. [A. P. de Candolle]* 3: 247 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia schrankiana* (DC.) O.Berg, *Linnaea* 27 (1): 79 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia cassinioides* DC., *Prodr. [A. P. de Candolle]* 3: 249 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia cassinioides* (DC.) O.Berg, *Linnaea* 27 (1): 74 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia elaeodendra* DC., *Prodr. [A. P. de Candolle]* 3: 250 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia elaeodendra* (DC.) O.Berg, *Linnaea* 27 (1): 75 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia torta* DC., *Prodr. [A. P. de Candolle]* 3: 250 [mid Mar. 1828] (Candolle 1828). — *Myrtus torta* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 250 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Myrcia elegans* DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828). — *Myrtus elegans* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Calyptromyrcia elegans* (DC.) O.Berg, *Linnaea* 27 (1): 34 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcianthes elegans* (DC.) Mattos, *Loefgrenia* 128: 2 [Apr. 2009] (Mattos 2009).

*Myrcia leucadendron* DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia leucadendron* (DC.) O.Berg, *Linnaea* 27 (1): 64 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia spixiana* DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828). — *Calyptromyrcia spixiana* (DC.) O.Berg, *Linnaea* 27 (1): 35 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcianthes spixiana* (DC.) Mattos, *Loefgrenia* 128: 2 [Apr. 2009] (Mattos 2009).

*Myrcia lauriflora* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828). — *Myrtus lauriflora* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Aulomyrcia lauriflora* (DC.) O.Berg, *Linnaea* 27 (1): 64 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia alternifolia* Miq., *Linnaea* 22: 534 (Miquel 1849). — *Aulomyrcia alternifolia* (Miq.) O.Berg, *Linnaea* 27 (1): 72 [“1854”

publ. Nov. 1855] (Berg 1855). — *Myrcia obtecta* var. *alternifolia* (Miq.) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 283 (Legrand 1969).

*Myrcia pallens* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia pallens* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 122 [15 May 1857] (Berg 1857).

*Myrcia crassicaulis* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (18): 311 [“1829” publ. 25 Feb. 1832] (Cambessèdes 1832). — *Aulomyrcia crassicaulis* (Cambess.) O.Berg, *Linnaea* 27 (1): 65 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia suaveolens* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (18): 315 [“1829” publ. 25 Feb. 1832] (Cambessèdes 1832). — *Aulomyrcia suaveolens* (Cambess.) O.Berg, *Linnaea* 27 (1): 78 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia microcarpa* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 324 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832). — *Aulomyrcia microcarpa* (Cambess.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 81 [15 May 1857] (Berg 1857).

*Myrcia hiemalis* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 332 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832).

*Myrcia obtusa* Schauer, *Linnaea* 21: 273 (Schauer 1848). — *Aulomyrcia obtusa* (Schauer) O.Berg, *Linnaea* 27 (1): 66 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia surinamensis* Miq., *Linnaea* 22: 170 (Miquel 1848). — *Aulomyrcia surinamensis* (Miq.) O.Berg, *Linnaea* 27 (1): 64 [“1854” publ. Nov. 1855] (Berg 1855). — *Aulomyrcia obtusa* var. *surinamensis* (Miq.) Amshoff, *Recueil Trav. Bot. Néerl.* 39: 154 (Amshoff 1942).

*Aulomyrcia dichroma* O.Berg, *Linnaea* 27 (1): 65 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia obtusa* var. *grandifolia* O.Berg, *Linnaea* 27 (1): 66 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia obtusa* var. *longipes* O.Berg, *Linnaea* 27 (1): 67 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia obtusa* var. *panicularis* O.Berg, *Linnaea* 27 (1): 67 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia obtusa* var. *pauciflora* O.Berg, *Linnaea* 27 (1): 67 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia obtusa* var. *tenuifolia* O.Berg, *Linnaea* 27 (1): 67 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia roraimensis* O.Berg, *Linnaea* 27 (1): 68 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcia roraimensis* (O.Berg) D.Legrand, *Atas Simp. Biota Amazônica* 4: 151 (Legrand 1967).

*Aulomyrcia cuneata* O.Berg, *Linnaea* 27 (1): 72 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrcia cuneata* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893). — *Myrcia guianensis* var. *cuneata* (O.Berg) McVaugh, *Mem. New York Bot. Gard.* 18 (2): 93 (McVaugh 1969).

*Aulomyrcia schomburgkiana* O.Berg, *Linnaea* 27 (1): 75 [“1854” publ. Nov. 1855] (Berg 1855). — *Aulomyrcia obtusa* var. *schomburgkiana* (O.Berg) Amshoff, *Fl. Suriname* 3 (2): 79 (Amshoff 1951).

*Aulomyrcia conduplicata* O.Berg, *Linnaea* 27 (1): 76 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia pruinosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 114 [15 May 1857] (Berg 1857).



- Aulomyrcia bimarginata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 115 [15 May 1857] (Berg 1857).
- Aulomyrcia botrys* O.Berg, *Fl. Bras. [Martius]* 14 (1): 116 [15 May 1857] (Berg 1857). — *Myrcia botrys* (O.Berg) N.Silveira, *Loefgrenia* 91: 1 (Silveira 1987).
- Aulomyrcia nigropunctata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 116 [15 May 1857] (Berg 1857), “*nigro-punctata*”. — *Myrcia nigropunctata* (O.Berg) N.Silveira, *Loefgrenia* 88: 1 (Silveira 1985).
- Aulomyrcia fragilis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 117 [15 May 1857] (Berg 1857).
- Aulomyrcia obtecta* O.Berg, *Fl. Bras. [Martius]* 14 (1): 117 [15 May 1857] (Berg 1857). — *Myrcia obtecta* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 89 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia clauseniana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 118 [15 May 1857] (Berg 1857).
- Aulomyrcia mansonii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 121 [15 May 1857] (Berg 1857). — *Myrcia mansonii* (O.Berg) N.Silveira, *Loefgrenia* 88: 1 (Silveira 1985).
- Aulomyrcia pallens* var. *ovalis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 122 [15 May 1857] (Berg 1857). — *Myrcia pallens* var. *ovalis* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia pallens* var. *ovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 123 [15 May 1857] (Berg 1857).
- Aulomyrcia poeppigiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 123 [15 May 1857] (Berg 1857). — *Myrcia poeppigiana* (O.Berg) Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 65 [9 Apr. 1895] (Hieronymus 1895), *nom. illeg. hom., non* O.Berg (1857). — *Myrcia poeppigiana* (O.Berg) Mattos, *Loefgrenia* 126: 2 [Sep. 2008] (Mattos 2008), *isonym. et nom. illeg. hom., non* O.Berg (1857).
- Aulomyrcia rotundifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 123 [15 May 1857] (Berg 1857). — *Myrcia rotundifolia* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 89 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia cassinioides* var. *glabrata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 129 [15 May 1857] (Berg 1857).
- Aulomyrcia cassinioides* var. *velutina* O.Berg, *Fl. Bras. [Martius]* 14 (1): 129 [15 May 1857] (Berg 1857).
- Aulomyrcia gardneriana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 129 [15 May 1857] (Berg 1857).
- Aulomyrcia gardneriana* var. *caerulescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 130 [15 May 1857] (Berg 1857).
- Aulomyrcia gardneriana* var. *virescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 130 [15 May 1857] (Berg 1857).
- Aulomyrcia lingua* O.Berg, *Fl. Bras. [Martius]* 14 (1): 130 [15 May 1857] (Berg 1857). — *Myrcia lingua* (O.Berg) Mattos, *Dusenja* 8: 161 (Mattos 1968).
- Aulomyrcia lingua* var. *glabrata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 130 [15 May 1857] (Berg 1857).
- Aulomyrcia lingua* var. *rufa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 130 [15 May 1857] (Berg 1857). — *Myrcia lingua* var. *rufa* (O.Berg) Mattos, *Loefgrenia* 70: 5 (Mattos 1976).
- Aulomyrcia hepatica* O.Berg, *Fl. Bras. [Martius]* 14 (1): 132 [15 May 1857] (Berg 1857). — *Myrcia hepatica* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 86 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia obscura* O.Berg, *Fl. Bras. [Martius]* 14 (1): 132 [15 May 1857] (Berg 1857). — *Myrcia obscura* (O.Berg) N.Silveira, *Roessleria* 7 (1): 66 (Silveira 1985).
- Aulomyrcia emarginata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 134 [15 May 1857] (Berg 1857). — *Myrcia emarginata* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893).
- Aulomyrcia angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 135 [15 May 1857] (Berg 1857). — *Myrcia angustifolia* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893).
- Aulomyrcia decrescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 135 [15 May 1857] (Berg 1857). — *Myrcia decrescens* (O.Berg) Mattos, *Loefgrenia* 126: 4 [Sep. 2008] (Mattos 2008).
- Aulomyrcia suffruticosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 136 [15 May 1857] (Berg 1857).
- Aulomyrcia glandulosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 139 [15 May 1857] (Berg 1857). — *Myrcia glandulosa* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia glandulosa* var. *elliptica* O.Berg, *Fl. Bras. [Martius]* 14 (1): 139 [15 May 1857] (Berg 1857).
- Aulomyrcia glandulosa* var. *longifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 139 [15 May 1857] (Berg 1857).
- Aulomyrcia glandulosa* var. *obovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 139 [15 May 1857] (Berg 1857). — *Myrcia glandulosa* var. *obovata* (O.Berg) N.Silveira, *Roessleria* 7 (1): 67 (Silveira 1985).
- Aulomyrcia pusilla* O.Berg, *Fl. Bras. [Martius]* 14 (1): 140 [15 May 1857] (Berg 1857). — *Myrcia pusilla* (O.Berg) Mattos, *Loefgrenia* 126: 2 [Sep. 2008] (Mattos 2008).
- Aulomyrcia vacciniifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 140 [15 May 1857] (Berg 1857). — *Myrcia vacciniifolia* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893).
- Aulomyrcia biformis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 141 [15 May 1857] (Berg 1857).
- Aulomyrcia plumbea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 142 [15 May 1857] (Berg 1857). — *Myrcia plumbea* (O.Berg) Mattos, *Loefgrenia* 126: 4 [Sep. 2008] (Mattos 2008).
- Myrcia terebinthacea* Poepp. ex O.Berg, *Fl. Bras. [Martius]* 14 (1): 155 [15 May 1857] (Berg 1857), *nom. nud. pro syn.*
- Aulomyrcia uaupensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 518 [1 Feb. 1858] (Berg 1858).
- Aulomyrcia maritima* O.Berg, *Fl. Bras. [Martius]* 14 (1): 553 [15 Jan. 1859] (Berg 1859).
- Aulomyrcia pallens* var. *subcordata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 553 [15 Jan. 1859] (Berg 1859). — *Myrcia pallens* var. *subcordata* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia bracteata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 554 [15 Jan. 1859] (Berg 1859).
- Aulomyrcia desertorum* O.Berg, *Fl. Bras. [Martius]* 14 (1): 556 [15 Jan. 1859] (Berg 1859). — *Myrcia desertorum* (O.Berg) N.Silveira, *Loefgrenia* 88: 1 (Silveira 1985).

- Aulomyrcia obscura* var. *longipes* O.Berg, *Fl. Bras. [Martius]* 14 (1): 556 [15 Jan. 1859] (Berg 1859). — *Myrcia obscura* var. *longipes* (O.Berg) N.Silveira, *Roessleria* 7 (1): 66 (Silveira 1985).
- Aulomyrcia regeliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 557 [15 Jan. 1859] (Berg 1859). — *Aulomyrcia regeliana* var. *oppositifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 557 [15 Jan. 1859] (Berg 1859), *nom. illeg.* (includes species type).
- Aulomyrcia regeliana* var. *sparsifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 557 [15 Jan. 1859] (Berg 1859).
- Aulomyrcia jequitinhonhensis* O.Berg var. *glaucula* O.Berg, *Fl. Bras. [Martius]* 14 (1): 560 [15 Jan. 1859] (Berg 1859). — *Myrcia torta* f. *glaucula* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 79 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia velhensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 560 [15 Jan. 1859] (Berg 1859). — *Myrcia velhensis* (O.Berg) N.Silveira, *Loefgrenia* 91: 1 (Silveira 1987).
- Aulomyrcia androsaemoides* O.Berg, *Linnaea* 30: 661 [Mar. 1861] (Berg 1861). — *Myrcia androsaemoides* (O.Berg) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 579 [26 Feb. 1895] (Krug & Urban 1895).
- Aulomyrcia buxizans* O.Berg, *Linnaea* 30: 664 [Mar. 1861] (Berg 1861). — *Eugenia buxizans* Rich. ex O.Berg, *Linnaea* 30: 664 [Mar. 1861] (Berg 1861), *nom. nud. pro syn.*
- Myrcia scrobiculata* O.Berg, *Linnaea* 30: 668 [Mar. 1861] (Berg 1861).
- Myrcia roraimae* Oliv., *Timehri* 5: 192 (Oliver 1886). — *Aulomyrcia roraimae* (Oliv.) Steyer., *Fieldiana, Bot.* 28 (4): 1007 (Steyermark 1957).
- Myrcia adpressepilosa* Kiaersk., *Enum. Myrt. Bras.* 75 [Oct.-Nov. 1893] (Kiaerskov 1893), “*adpresse-pilosa*”.
- Myrcia didrichseniana* Kiaersk., *Enum. Myrt. Bras.* 82 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia cymosopaniculata* Kiaersk., *Enum. Myrt. Bras.* 90 [Oct.-Nov. 1893] (Kiaerskov 1893), “*cymoso-paniculata*”.
- Myrcia diaphanosticta* Kiaersk., *Enum. Myrt. Bras.* 91 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia fastigiata* Kiaersk., *Enum. Myrt. Bras.* 92 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia fastigiata* var. *coriacea* Kiaersk., *Enum. Myrt. Bras.* 93 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia paracatuensis* Kiaersk., *Enum. Myrt. Bras.* 99 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia rhabdoides* Kiaersk., *Enum. Myrt. Bras.* 99 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia yungasensis* Rusby, *Mem. Torrey Bot. Club* 3: 27 (Rusby 1893).
- Myrcia androsaemoides* var. *parvifolia* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 579 [26 Feb. 1895] (Krug & Urban 1895).
- Myrcia lehmannii* Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 65 [9 Apr. 1895] (Hieronimus 1895).
- Myrcia collina* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 356 [“1894-96” publ. Dec. 1895] (Moore 1895).
- Myrcia daphnoides* var. *nervosa* Kiaersk. ex Glaz., *Bull. Soc. Bot. France* 54 (Mém. 3c): 218 [“1907” publ. 22 Feb. 1908] (Glaziou 1908).
- Myrcia arimensis* Britton, *Bull. Torrey Bot. Club* 48 (12): 334 [“1921” publ. 1922] (Britton 1922).
- Myrcia incisa* D.Legrand, *Sellowia* 13: 290 (Legrand 1961).
- Myrcia renatoana* Mattos, *Arq. Bot. Estado São Paulo* 4 (2): 62 (Mattos 1966).
- Myrcianthes terminalis* Mattos & D.Legrand, *Loefgrenia* 67: 12 (Mattos & Legrand 1975).
- Myrcia stemmeriana* D.Legrand, *Fl. Illustr. Catar.* 1 (Mirt., Supl. 1): 4 (Legrand 1977).
- Myrcia camapuana* Mattos, *Loefgrenia* 123: 2 [Aug. 2006] (Mattos 2006).
- NOTE. — Govaerts *et al.* (2008) erroneously stated that *Aulomyrcia scrobiculata* O.Berg is the basionym of *Myrcia scrobiculata* O.Berg. Actually, there is no reference to the former in the protologue of the latter; they have distinct types which are clearly not conspecific.
- VERNACULAR NAMES. — Ka: palaka pomiidy • Wp: pila lea • Nt: lebi tongo • Cr: koumaté • Fr: koumaté • Br: cambuí, guamirim-branco.
- HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material LINN, LINN-HS 883.22).
- INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.6$  cm.

[1293] *Myrcia inaequiloba* (DC.) Lemée

*Fl. Guyane Franç.* 3: 150 (Lemée 1954). — *Eugenia inaequiloba* DC., *Prodr. [A. P. de Candolle]* 3: 282 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia inaequiloba* (DC.) Amshoff, *Recueil Trav. Bot. Néerl.* 42: 7 (Amshoff 1950). — *Myrcia inaequiloba* (DC.) D.Legrand, *Atas Simp. Biota Amazônica* 4: 149 (Legrand 1967), isonym. — *Myrcia inaequiloba* (DC.) McVaugh, *Taxon* 17: 378 (McVaugh 1968), isonym.

*Eugenia nitida* Benth., *J. Bot. [Hooker]* 2: 322 (Bentham 1840), *nom. illeg. hom., non Vell.* (Vellozo 1829) *nec Cambess.* (Cambessès 1832).

*Eugenia polyantha* Miq., *Linnaea* 18: 741 [“1844” publ. Aug.-Oct. 1845] (Miquel 1845). — *Myrciaria polyantha* (Miq.) O.Berg, *Linnaea* 27 (2-3): 322 [“1854” publ. Jan. 1856] (Berg 1856).

*Aulomyrcia pirarensis* O.Berg, *Linnaea* 27 (1): 41 [“1854” publ. Nov. 1855] (Berg 1855).

*Aulomyrcia paniculata* O.Berg, *Linnaea* 27 (1): 49 [“1854” publ. Nov. 1855] (Berg 1855). — *Aulomyrcia inaequiloba* var. *paniculata* (O.Berg) Amshoff, *Recueil Trav. Bot. Néerl.* 42: 7 (Amshoff 1950).

*Myrciaria nitida* O.Berg, *Linnaea* 27 (2-3): 324 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria nitida* var. *chartacea* O.Berg, *Linnaea* 27 (2-3): 324 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria nitida* var. *coriacea* O.Berg, *Linnaea* 27 (2-3): 325 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria nitida* var. *dives* O.Berg, *Linnaea* 27 (2-3): 325 [“1854” publ. Jan. 1856] (Berg 1856).

*Aulomyrcia lancifolia* O.Berg, *Linnaea* 30: 658 [Mar. 1861] (Berg 1861).

*Myrcia laevis* O.Berg, *Linnaea* 31: 252, (Berg 1861-1862), *nom. illeg. hom., non* G.Don (1832).

*Aulomyrcia inaequiloba* var. *nitida* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 8 (Amshoff 1950).

*Myrcia lucida* McVaugh, *Mem. New York Bot. Gard.* 18 (2): 100 (McVaugh 1969).

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material G[G00222421]).

SIZE. — Guyana. *J.J. Pipoly et al.* 9345 (MO), 4 m × 20 cm.

INVENTORY DATA (FG). — 4 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12$  cm.

[1294] *Myrcia minutiflora* Sagot

*Ann. Sci. Nat., Bot.* sér. 6, 20: 185 (Sagot 1885). — *Aulomyrcia minutiflora* (Sagot) Amshoff, *Bull. Torrey Bot. Club* 75 (5): 532 [11 Oct. 1948] (Amshoff 1948).

VERNACULAR NAMES. — Wp: wila wasey.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *E.M. Mélinon 442* (original material P[P00163092]).

SIZE. — Up to 10 m tall (Holst 2003).

[1295] *Myrcia multiflora* (Lam.) DC.

*Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Eugenia multiflora* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 202 [19 Oct. 1789] (Lamarck 1789). — *Myrtus multiflora* (Lam.) Spreng., *Syst. Veg. [Sprengel]* 2: 486 [Jan.-May 1825] (Sprengel 1825). — *Cumetea multiflora* (Lam.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838). — *Aulomyrcia multiflora* (Lam.) O.Berg, *Linnaea* 27 (1): 47 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia camaraeana* DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828). — *Myrtus camaraeana* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Aulomyrcia camaraeana* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 83 [15 May 1857] (Berg 1857).

*Myrcia sphaerocarpa* DC., *Prodr. [A. P. de Candolle]* 3: 251 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia sphaerocarpa* (DC.) O.Berg, *Linnaea* 27 (1): 51 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia ellipticifolia* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (18): 312 [“1829” publ. 25 Feb. 1832] (Cambessèdes 1832).

*Aulomyrcia buxifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 80 [15 May 1857] (Berg 1857).

*Aulomyrcia buxifolia* var. *elliptica* O.Berg, *Fl. Bras. [Martius]* 14 (1): 80 [15 May 1857] (Berg 1857), *nom. illeg.* (includes species type).

*Aulomyrcia buxifolia* var. *ovalis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 80 [15 May 1857] (Berg 1857).

*Aulomyrcia caerulescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 80 [15 May 1857] (Berg 1857). — *Myrcia caerulescens* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 79 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Aulomyrcia caesia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 83 [15 May 1857] (Berg 1857).

*Aulomyrcia glaucescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 81 [15 May 1857] (Berg 1857). — *Myrcia glaucescens* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 83 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Myrcia multiflora* var. *glaucescens* (O.Berg) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 305 (Legrand 1969).

*Aulomyrcia glaucescens* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 81 [15 May 1857] (Berg 1857).

*Aulomyrcia ovalifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 81 [15 May 1857] (Berg 1857). — *Myrcia ovalifolia* (O.Berg) Kiaersk., *Enum. Myrt. Bras.*: 84 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Myrcia multiflora* f. *ovalifolia* (O.Berg) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 305 (Legrand 1969).

*Aulomyrcia glaucescens* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 82 [15 May 1857] (Berg 1857).

*Aulomyrcia perforata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 83 [15 May 1857] (Berg 1857).

*Aulomyrcia goyazensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 85 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *arborescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 85 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *gracilis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 85 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *intermedia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 85 [15 May 1857] (Berg 1857).

*Aulomyrcia pallida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 86 [15 May 1857] (Berg 1857). — *Myrcia pallida* (O.Berg) N.Silveira, *Loefgrenia* 88: 2 (Silveira 1985).

*Aulomyrcia sphaerocarpa* var. *complicata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 86 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *obtusata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 86 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *ovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 86 [15 May 1857] (Berg 1857).

*Aulomyrcia sphaerocarpa* var. *pauciflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 86 [15 May 1857] (Berg 1857).

*Aulomyrcia laruooteana* (Cambess.) O.Berg var. *peruviana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 91 [15 May 1857] (Berg 1857).

*Aulomyrcia multiflora* var. *grandifolia* O.Berg, *Linnaea* 30: 660 [Mar. 1861] (Berg 1861).

*Myrcia taubatensis* Kiaersk., *Enum. Myrt. Bras.* 79 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Myrcia taubatensis* var. *ovalis* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 79 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrcia glaberrima* Barb.Rodr. ex Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 7: 803 (Chodat & Hassler 1907), *nom. nud.*

*Aulomyrcia vinacea* Steyerl., *Fieldiana, Bot.* 28 (4): 1008 (Steyermark 1957).

*Myrcia multiflora* var. *ramulosa* D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 309 (Legrand 1969).

*Myrcia heringeriana* Mattos, *Loefgrenia* 126: 2 [Sep. 2008] (Mattos 2008).

VERNACULAR NAMES. — Pa: awao, awau • Ka: asaikiabe, sadyabe, seityape • Br: cambuí.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *M.-F. Prévost 709*.

INVENTORY DATA (FG). — 13 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20$  cm.

[1296] *Myrcia multiglomerata*  
(Amshoff) E.Lucas & C.E.Wilson

*Ann. Missouri Bot. Gard.* 101 (4): 676 (Lucas & Wilson 2016). — *Marlierea multiglomerata* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 3 (Amshoff 1950).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: piliwa epulu, piliwa pi • Wp: kumati sili, pila lea • Wn: wahawe • Br: pitangueira-de-cachorro.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *P. Grenand 356*, height 20 m.

[1297] *Myrcia neolucida* A.R.Lourenço & E.Lucas

*Phytotaxa* 373 (1): 79 [23 Oct. 2018] (Lourenço & Lucas 2018). — *Calyptanthes lucida* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 258 [mid Mar. 1828] (Candolle 1828). — *Chytraculia lucida* (Mart. ex DC.) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891).

*Calyptanthes pobliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 42 [15 May 1857] (Berg 1857). — *Chytraculia pobliana* (O.Berg) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Wp: atimi letimã'i, pila lea sili.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-1913*.

SIZE. — Up to 30 cm dbh (Amshoff 1951).

[1298] *Myrcia neomontana* E.Lucas & C.E.Wilson

*Ann. Missouri Bot. Gard.* 101 (4): 679 (Lucas & Wilson 2016). — *Eugenia montana* Aubl., *Hist. Pl. Guiane* 1: 495 [Jun.-Dec. 1775] (Aublet 1775). — *Cumetea montana* (Aubl.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838). — *Marlierea montana* (Aubl.) Amshoff, *Recueil Trav. Bot. Néerl.* 39: 147 (Amshoff 1942). — *Myrcianthes montana* (Aubl.) C.Nelson, *Anales Jard. Bot. Madrid* 57 (2): 406 [“1999” publ. Jan. 2000] (Nelson 2000).

*Marlierea suffruticosa* O.Berg, *Linnaea* 27 (1): 16 [“1854” publ. Nov. 1855] (Berg 1855).

*Marlierea richardiana* O.Berg, *Linnaea* 30: 650 [Mar. 1861] (Berg 1861).

NOTE. — The name “*Calyptanthes obtusa* Miq.” listed in Govaerts *et al.* (2008) as an illegitimate synonym of *Myrcia montana*, with the reference “*Linnaea* 22: 172 (1849)”, has actually no standing; Miquel explicitly refers to *C. obtusa* Benth., and cites *Hostmann 1176* as occurring in Surinam, not as the type of a new species.

VERNACULAR NAMES. — Pa: arak, arak-kamwi, pakusin-amana • Ka: alamilu.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000754877]).

INVENTORY DATA (FG). — 35 trees in 11 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 36.9$  cm.

[1299] *Myrcia neospeciosa* A.R.Lourenço & E.Lucas

*Phytotaxa* 373 (1): 79 [23 Oct. 2018] (Lourenço & Lucas 2018). — *Calyptanthes speciosa* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 20: 187 (Sagot 1885).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *E.M. Mélinon 488*, 1862 [erroneously filed at F as “E.M. Mélinon 18”; “18” actually represents the first two digits of the year of collection, often pre-printed on P labels in the 19th century] (holo-, P[P00723171]; iso-, BM[BM001011735], F[V0092885F], K[K000331318], P[P00723172]).

SIZE. — Colombia, Caquetá. *S. Bergeron & S. Roman 494-556* (MO), 12 m × 13.05 cm.

INVENTORY DATA (FG). — 1 tree, dbh = 11.9 cm.

[1300] *Myrcia paivae* O.Berg

*Fl. Bras. [Martius]* 14 (1): 179 [15 May 1857] (Berg 1857).

*Myrcia frontinensis* Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 63 [9 Apr. 1895] (Hieronymus 1895).

*Myrcia gamaeana* Glaz., *Bull. Soc. Bot. France* 54 (Mém. 3c): 210 [“1907” publ. 22 Feb. 1908] (Glaziou 1908), *nom. inval.* (opus utique oppr.)

*Myrcia paivae* var. *gracilis* Lingelsh., *Repert. Spec. Nov. Regni Veg.* 7: 243 (Lingelsheim 1909).

NOTE. — *M. gamaeana* erroneously appears as “*Myrcia frontinensis* Hieron. var. *gamaeana* Glaz.” in Govaerts *et al.* (2008).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *G. Cremers & P. Petronelli 11776*.

SIZE. — Bolivia, La Paz. *A.F. Fuentes et al. 6109* (MO), 10 m × 14.6 cm.

[1301] *Myrcia platyclada* DC.  
(Fig. 42D)

*Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia platyclada* (DC.) Amshoff, *Bull. Torrey Bot. Club* 75 (5): 531 [11 Oct. 1948] (Amshoff 1948), *nom. illeg. hom., non* O.Berg (1849).

*Aulomyrcia dumosa* O.Berg, *Linnaea* 30: 656 [Mar. 1861] (Berg 1861). — *Myrcia dumosa* (O.Berg) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 580 [26 Feb. 1895] (Krug & Urban 1895).

*Aulomyrcia edulis* O.Berg, *Linnaea* 30: 657 [Mar. 1861] (Berg 1861). — *Myrcia edulis* (O.Berg) Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 581 [26 Feb. 1895] (Krug & Urban 1895).

*Aulomyrcia platyclada* var. *kaieteurensis* Amshoff, *Bull. Torrey Bot. Club* 75 (5): 532 [11 Oct. 1948] (Amshoff 1948).

VERNACULAR NAMES. — Pa: arak-seinó, inam-etni-priyo • Wn: katanom.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *L.C. Richard 63* (holotype of *Aulomyrcia edulis*: P[P00725809]; iso-, P[P00725811]).

INVENTORY DATA (FG). — 15 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.1$  cm.

[1302] *Myrcia pulchella* (DC.) A.R.Lourenço & E.Lucas

*Phytotaxa* 373 (1): 80 [23 Oct. 2018] (Lourenço & Lucas 2018). — *Calyptanthes pulchella* DC., *Prodr. [A. P. de Candolle]* 3: 257 [mid Mar. 1828] (Candolle 1828). — *Chytraculia pulchella* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891).

*Calyptanthes pulchella* var. *cuneata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 43 [15 May 1857] (Berg 1857).

*Calyptanthes pulchella* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 43 [15 May 1857] (Berg 1857).

*Calyptanthes pulchella* var. *grandiflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 44 [15 May 1857] (Berg 1857).

*Calyptanthes pulchella* var. *parviflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 516 [1 Feb. 1858] (Berg 1858).

VERNACULAR NAMES. — Wp: atimi letimã'i • Br: guaiabinha.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *P. Grenand 2868*.

SIZE. — Colombia, Caquetá. *M. Sánchez S. et al. 1653* (MO), 12 m × 15 cm.

[1303] *Myrcia pullei* (Burret ex Amshoff)  
A.R.Lourenço & E.Lucas

*Phytotaxa* 373 (1): 81 [23 Oct. 2018] (Lourenço & Lucas 2018). — *Calyptanthes pullei* Burret ex Amshoff, *Recueil Trav. Bot. Néerl.* 42: 4 (Amshoff 1950).

*Calyptanthes pullei* var. *immaculata* McVaugh, *Mem. New York Bot. Gard.* 10 (1): 78 (McVaugh 1958).

HERBARIUM DATA (FG). — A single collection, *P. Grenand 1525*.

SIZE. — Venezuela, Bolivar. *E. Sanoja 2708* (US), 10 m.

[1304] *Myrcia pyrifolia* (Desv. ex Ham.) Nied.

*Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893). — *Eugenia pyrifolia* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 44 [Oct. 1825] (Hamilton 1825). — *Aulomyrcia pyrifolia* (Desv. ex Ham.) O.Berg, *Linnaea* 27 (1): 44 ["1854" publ. Nov. 1855] (Berg 1855).

*Myrcia divergens* DC., *Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828).

*Aulomyrcia pyrifolia* var. *gracilis* O.Berg, *Linnaea* 27 (1): 44 ["1854" publ. Nov. 1855] (Berg 1855).

*Aulomyrcia pyrifolia* var. *robusta* O.Berg, *Linnaea* 27 (1): 45 ["1854" publ. Nov. 1855] (Berg 1855).

*Aulomyrcia ovata* O.Berg, *Linnaea* 27 (4): 467 ["1854" publ. Feb. 1856] (Berg 1856).

VERNACULAR NAMES. — Wn: pakumila.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *C. Sastre 6387*.

SIZE. — Brazil, Pará. *G. Martinelli et al. 12268* (MO), 12 m.

[1305] *Myrcia saxatilis* (Amshoff) McVaugh

*Mem. New York Bot. Gard.* 18 (2): 105 (McVaugh 1969). — *Aulomyrcia saxatilis* Amshoff, *Recueil Trav. Bot. Néerl.* 39: 154 (Amshoff 1942).

VERNACULAR NAMES. — Pa: arak-puvemna • Wp: kumesi sili.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *J.-F. Molino et al. 1981*, 15 m × 10 cm.

[1306] *Myrcia servata* McVaugh

*Mem. New York Bot. Gard.* 18 (2): 139 (McVaugh 1969).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R. Benoist 540* (P), 15 m tall.

[1307] *Myrcia splendens* (Sw.) DC.

*Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Myrtus splendens* Sw., *Prodr. [Swartz]* 79 [20 Jun.-29 July 1788] (Swartz 1788).

*Eugenia periplocifolia* Jacq., *Collectanea* 2: 108 [Apr. 1789] (Jacquin 1789), "*periplocaefolia*".

*Eugenia divaricata* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 202 [19 Oct. 1789] (Lamarck 1789). — *Myrcia divaricata* (Lam.) DC., *Prodr. [A. P. de Candolle]* 3: 243 [mid Mar. 1828] (Candolle 1828). — *Cumetea divaricata* (Lam.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838).

*Eugenia fallax* Rich., *Actes Soc. Hist. Nat. Paris* 1: 110 [Oct. 1792] (Richard 1792). — *Myrcia fallax* (Rich.) DC., *Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828).

*Myrtus bracteolaris* Poir., *Encycl. [J. Lamarck et al.]* 4 (2): 411 [1 Nov. 1798] (Poiret 1798). — *Myrtus stoupyi* Spreng., *Syst. Veg. [Sprengel]* 2: 484 [Jan.-May 1825] (Sprengel 1825), "*Stoupii*", *nom. illeg. superfl.* (based on *Myrtus bracteolaris*). — *Myrcia bracteolaris* (Poir.) DC., *Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828).

*Eugenia laxiflora* Poir., *Encycl. [J. Lamarck et al.]* Suppl. 3: 123 [24 Sep. 1813] (Poiret 1813).

*Myrtus complicata* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 140 [6 Aug. 1823] (Kunth 1823). — *Myrcia complicata* (Kunth) DC., *Prodr. [A. P. de Candolle]* 3: 255 [mid Mar. 1828] (Candolle 1828).

*Myrtus polyantha* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 140 [6 Aug. 1823] (Kunth 1823). — *Myrcia polyantha* (Kunth)

- DC., *Prodr. [A. P. de Candolle]* 3: 255 [mid Mar. 1828] (Candolle 1828).
- Myrtus acuminata* Kunth, *Nova genera et species plantarum [H.B.K.]* 6: 141 [6 Aug. 1823] (Kunth 1823). — *Myrcia acuminata* (Kunth) DC., *Prodr. [A. P. de Candolle]* 3: 256 [mid Mar. 1828] (Candolle 1828).
- Myrcia sororia* DC., *Prodr. [A. P. de Candolle]* 3: 243 [mid Mar. 1828] (Candolle 1828).
- Myrcia hayneana* DC., *Prodr. [A. P. de Candolle]* 3: 246 [mid Mar. 1828] (Candolle 1828). — *Myrtus hayneana* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 246 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*
- Myrcia macrophylla* DC., *Prodr. [A. P. de Candolle]* 3: 248 [mid Mar. 1828] (Candolle 1828).
- Myrcia magnoliifolia* DC., *Prodr. [A. P. de Candolle]* 3: 248 [mid Mar. 1828] (Candolle 1828), “*magnoliaefolia*”.
- Myrcia sepiaria* DC., *Prodr. [A. P. de Candolle]* 3: 249 [mid Mar. 1828] (Candolle 1828). — *Myrtus sepiaria* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 249 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*
- Myrcia costata* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828). — *Myrtus costata* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*
- Myrcia pseudomini* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828), “pseudo-Mini”. — *Myrcia rostrata* f. *pseudomini* (DC.) D.Legrand, *Fl. Illustr. Catar. I (Mirt.)*: 243 (Legrand 1969).
- Myrcia berberis* DC., *Prodr. [A. P. de Candolle]* 3: 254 [mid Mar. 1828] (Candolle 1828). — *Myrtus berberis* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 254 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*
- Myrcia formosiana* DC., *Prodr. [A. P. de Candolle]* 3: 255 [mid Mar. 1828] (Candolle 1828).
- Myrcia rostrata* DC., *Prodr. [A. P. de Candolle]* 3: 255 [mid Mar. 1828] (Candolle 1828). — *Myrtus rostrata* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 255 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*
- Eugenia mikaniana* DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828). — *Myrtus mikaniana* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 283 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.* — *Myrcia mikaniana* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 182 [15 May 1857] (Berg 1857).
- Myrcia oocarpa* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (18): 298 [“1829” publ. 25 Feb. 1832] (Cambessèdes 1832).
- Myrcia rostrata* var. *brunea* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 321 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832).
- Myrcia rufidula* Schldtl., *Linnaea* 13: 416 [“1839” publ. Mar.-June 1840] (Schlechtendal 1840).
- Myrcia kunthiana* Steud., *Nomencl. Bot. [Stuedel]*, ed. 2, 2: 173 (Steudel 1841), *nom. illeg. superfl.* (based on *Myrtus polyantha*).
- Eugenia paniculiflora* Steud., *Flora* 26 (45): 762 [17 Dec. 1843] (Steudel 1843), “*paniculaeflora*”.
- Myrcia rufula* Miq., *Linnaea* 19: 440 (Miquel 1846).
- Myrcia lindeniana* O.Berg, *Linnaea* 27 (1): 86 [“1854” publ. Nov. 1855] (Berg 1855).
- Aulomyrcia wulschlaegeliana* O.Berg, *Linnaea* 27 (1): 90 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia saxicola* O.Berg, *Linnaea* 27 (1): 92 [“1854” publ. Nov. 1855] (Berg 1855). — *Myrtus saxicola* Poepp. ex O.Berg, *Linnaea* 27 (1): 92 [“1854” publ. Nov. 1855] (Berg 1855), *nom. nud. pro syn.*
- Myrcia acuminata* var. *bullata* O.Berg, *Linnaea* 27 (1): 94 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia acuminata* var. *genuina* O.Berg, *Linnaea* 27 (1): 94 [“1854” publ. Nov. 1855] (Berg 1855), *nom. inval.* (Turland et al. 2018: Art. 24.3).
- Myrcia acuminata* var. *meridensis* O.Berg, *Linnaea* 27 (1): 94 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia acuminata* var. *peruviana* O.Berg, *Linnaea* 27 (1): 94 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia acuminata* var. *tovarensis* O.Berg, *Linnaea* 27 (1): 95 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia venezuelensis* O.Berg, *Linnaea* 27 (1): 96 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia cucullata* O.Berg, *Linnaea* 27 (1): 97 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia chilensis* O.Berg, *Linnaea* 27 (1): 99 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrtus ruizii* Poepp. ex O.Berg, *Linnaea* 27 (1): 99 [“1854” publ. Nov. 1855] (Berg 1855), *nom. nud. pro syn.*
- Myrcia ayresiana* O.Berg, *Linnaea* 27 (1): 100 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia reticulata* O.Berg, *Linnaea* 27 (1): 101 [“1854” publ. Nov. 1855] (Berg 1855), *nom. illeg. hom., non* Cambess. (Cambessèdes 1832).
- Myrcia coumetoides* O.Berg, *Linnaea* 27 (1): 102 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia costaricensis* O.Berg, *Linnaea* 27 (1): 104 [“1854” publ. Nov. 1855] (Berg 1855), “*Costa-Ricensis*”.
- Myrcia splendens* var. *genuina* O.Berg, *Linnaea* 27 (1): 105 [“1854” publ. Nov. 1855] (Berg 1855), *nom. inval.* (Turland et al. 2018: Art. 24.3).
- Myrcia splendens* var. *micropora* O.Berg, *Linnaea* 27 (1): 105 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia splendens* var. *obscura* O.Berg, *Linnaea* 27 (1): 105 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia discolor* O.Berg, *Linnaea* 27 (1): 111 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia oerstediana* O.Berg, *Linnaea* 27 (1): 112 [“1854” publ. Nov. 1855] (Berg 1855).
- Myrcia melanoclada* O.Berg, *Linnaea* 27 (1): 113 [“1854” publ. Nov. 1855] (Berg 1855).

- Myrcia plicatocostata* O.Berg, *Linnaea* 27 (1): 114 [“1854” publ. Nov. 1855] (Berg 1855), “*plicato-costata*”.
- Myrcia sericea* O.Berg, *Linnaea* 27 (1): 114 [“1854” publ. Nov. 1855] (Berg 1855), *nom. illeg. hom., non* G.Don (1832).
- Eugenia mollis* Willd. ex O.Berg, *Linnaea* 27 (1): 121 [“1854” publ. Nov. 1855] (Berg 1855), *nom. nud. pro syn.*
- Aulomyrcia costata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 79 [15 May 1857] (Berg 1857).
- Myrcia costata* var. *bahiensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 157 [15 May 1857] (Berg 1857).
- Myrcia costata* var. *minensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 157 [15 May 1857] (Berg 1857).
- Myrcia elongata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 159 [15 May 1857] (Berg 1857).
- Myrcia martiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 159 [15 May 1857] (Berg 1857). — *Myrcia rufula* var. *martiana* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 55 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia elongata* var. *brunnea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857).
- Myrcia elongata* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857).
- Myrcia elongata* var. *ochracea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857).
- Myrcia guajavifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857), “*guajavaefolia*”.
- Myrcia guajavifolia* var. *impunctata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857).
- Myrcia guajavifolia* var. *perforata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 160 [15 May 1857] (Berg 1857).
- Myrcia friburgensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 161 [15 May 1857] (Berg 1857).
- Myrcia guajavifolia* var. *bullata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 161 [15 May 1857] (Berg 1857).
- Myrcia magnoliifolia* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 162 [15 May 1857] (Berg 1857).
- Myrcia magnoliifolia* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 162 [15 May 1857] (Berg 1857).
- Myrcia magnoliifolia* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 162 [15 May 1857] (Berg 1857).
- Myrcia brandamii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 164 [15 May 1857] (Berg 1857), “*Brandami*”.
- Myrcia alagoensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 165 [15 May 1857] (Berg 1857).
- Myrcia alagoensis* var. *intermedia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 165 [15 May 1857] (Berg 1857).
- Myrcia alagoensis* var. *oblongata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 165 [15 May 1857] (Berg 1857).
- Myrcia alagoensis* var. *ovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 165 [15 May 1857] (Berg 1857).
- Myrcia spruceana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 165 [15 May 1857] (Berg 1857).
- Myrcia phaeoclada* O.Berg, *Fl. Bras. [Martius]* 14 (1): 167 [15 May 1857] (Berg 1857).
- Myrcia phaeoclada* var. *alagoensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 167 [15 May 1857] (Berg 1857).
- Myrcia phaeoclada* var. *guyanensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 167 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* var. *longifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* var. *pendula* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia kegeliana* var. *vulgaris* O.Berg, *Fl. Bras. [Martius]* 14 (1): 168 [15 May 1857] (Berg 1857).
- Myrcia klotzschiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 169 [15 May 1857] (Berg 1857).
- Myrcia micrantha* O.Berg, *Fl. Bras. [Martius]* 14 (1): 169 [15 May 1857] (Berg 1857).
- Myrcia berberis* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 170 [15 May 1857] (Berg 1857).
- Myrcia berberis* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 170 [15 May 1857] (Berg 1857).
- Myrcia latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 170 [15 May 1857] (Berg 1857).
- Myrcia erythroxydon* O.Berg, *Fl. Bras. [Martius]* 14 (1): 173 [15 May 1857] (Berg 1857).
- Myrcia erythroxydon* var. *caerulescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 173 [15 May 1857] (Berg 1857).
- Myrcia pellucida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 173 [15 May 1857] (Berg 1857).
- Myrcia gracilis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 174 [15 May 1857] (Berg 1857). — *Myrcia rostrata* f. *gracilis* (O.Berg) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 240 (Legrand 1969).
- Myrcia gracilis* var. *prasina* O.Berg, *Fl. Bras. [Martius]* 14 (1): 174 [15 May 1857] (Berg 1857).
- Myrcia acutata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 175 [15 May 1857] (Berg 1857).
- Myrcia gracilis* var. *opaca* O.Berg, *Fl. Bras. [Martius]* 14 (1): 175 [15 May 1857] (Berg 1857).
- Myrcia laevigata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 175 [15 May 1857] (Berg 1857).
- Myrcia laevigata* var. *brunnea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 175 [15 May 1857] (Berg 1857).

- Myrcia laevigata* var. *canescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 175 [15 May 1857] (Berg 1857).
- Myrcia catharinae* O.Berg, *Fl. Bras. [Martius]* 14 (1): 176 [15 May 1857] (Berg 1857).
- Myrcia corcovadensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 177 [15 May 1857] (Berg 1857).
- Myrcia opaca* O.Berg, *Fl. Bras. [Martius]* 14 (1): 177 [15 May 1857] (Berg 1857).
- Myrcia opaca* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 177 [15 May 1857] (Berg 1857).
- Myrcia opaca* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 177 [15 May 1857] (Berg 1857).
- Myrcia ciarensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 178 [15 May 1857] (Berg 1857).
- Myrcia nitens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 178 [15 May 1857] (Berg 1857).
- Myrcia sericiflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 178 [15 May 1857] (Berg 1857). — *Myrcia rostrata* f. *sericiflora* (O.Berg) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 243 (Legrand 1969).
- Myrcia riparia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 179 [15 May 1857] (Berg 1857).
- Myrcia schuechiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 181 [15 May 1857] (Berg 1857), “*Schüchiana*”.
- Myrcia mikaniana* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 182 [15 May 1857] (Berg 1857).
- Myrcia mikaniana* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 182 [15 May 1857] (Berg 1857).
- Myrcia velutina* O.Berg, *Fl. Bras. [Martius]* 14 (1): 182 [15 May 1857] (Berg 1857).
- Myrcia communis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 183 [15 May 1857] (Berg 1857). — *Myrcia rostrata* f. *communis* (O.Berg) D.Legrand, *Fl. Illustr. Catar. 1 (Mirt.)*: 243 (Legrand 1969).
- Myrcia communis* var. *glabrata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 183 [15 May 1857] (Berg 1857).
- Myrcia velutina* var. *canescens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 183 [15 May 1857] (Berg 1857).
- Myrcia velutina* var. *ochracea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 183 [15 May 1857] (Berg 1857).
- Myrcia communis* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 183 [15 May 1857] (Berg 1857).
- Myrcia gardneriana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 184 [15 May 1857] (Berg 1857).
- Myrcia impressa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 184 [15 May 1857] (Berg 1857).
- Myrcia ypanemensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 186 [15 May 1857] (Berg 1857).
- Myrcia barrenis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 187 [15 May 1857] (Berg 1857).
- Myrcia hayneana* var. *paraensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 187 [15 May 1857] (Berg 1857).
- Myrcia negrensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 187 [15 May 1857] (Berg 1857).
- Myrcia acutiloba* O.Berg, *Fl. Bras. [Martius]* 14 (1): 189 [15 May 1857] (Berg 1857).
- Myrcia sellowiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 197 [15 May 1857] (Berg 1857).
- Myrcia sellowiana* var. *bullata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 197 [15 May 1857] (Berg 1857).
- Myrcia sellowiana* var. *costata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 197 [15 May 1857] (Berg 1857).
- Myrcia superba* O.Berg, *Fl. Bras. [Martius]* 14 (1): 198 [15 May 1857] (Berg 1857).
- Myrcia saxicola* var. *grandifolia* O.Berg, *Linnaea* 29 (2): 219 [June 1858] (Berg 1858).
- Myrcia sartoriana* O.Berg, *Linnaea* 29 (2): 220 [June 1858] (Berg 1858).
- Myrcia langsdorffii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 562 [15 Jan. 1859] (Berg 1859).
- Myrcia klotzschiana* var. *impellucida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 563 [15 Jan. 1859] (Berg 1859).
- Myrcia gracilis* var. *sessiflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 564 [15 Jan. 1859] (Berg 1859).
- Myrcia tingens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 564 [15 Jan. 1859] (Berg 1859).
- Myrcia riedeliana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 565 [15 Jan. 1859] (Berg 1859).
- Myrcia splendens* var. *robustior* Kuntze, *Revis. Gen. Pl.* 1: 241 [5 Nov. 1891] (Kuntze 1891).
- Myrcia augustana* Kiaersk., *Enum. Myrt. Bras.* 52 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia guajavifolia* f. *grandifolia* Kiaersk., *Enum. Myrt. Bras.* 54 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia melanosticta* Kiaersk., *Enum. Myrt. Bras.* 54 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia oxyentophylla* Kiaersk., *Enum. Myrt. Bras.* 57 [Oct.-Nov. 1893] (Kiaerskov 1893), “*oxyentophylla*”.
- Myrcia martinicensis* Krug & Urb., *Bot. Jahrb. Syst.* 19 (5): 586 [26 Feb. 1895] (Krug & Urban 1895).
- Myrcia dictyoneura* Diels, *Bot. Jahrb. Syst.* 37 (5): 594 [30 Oct. 1906] (Diels 1906).
- Myrcia brachylopadia* Diels, *Bot. Jahrb. Syst.* 37 (5): 595 [30 Oct. 1906] (Diels 1906).
- Myrcia lamprosericea* Diels, *Bot. Jahrb. Syst.* 37 (5): 596 [30 Oct. 1906] (Diels 1906).
- Myrcia coroicensis* Rusby, *Bull. New York Bot. Gard.* 4 (14): 354 [7 Dec. 1907] (Rusby 1907).
- Myrcia luetzelburgii* Burret ex Luetzelb., *Estud. Bot. Nordeste Braz.* 3: 201 (Luetzelburg 1923), *nom. nud.*



*Myrcia aguitensis* Gleason, *Bull. Torrey Bot. Club* 58 (7): 409 [Oct. 1931] (Gleason 1931).

*Myrcia compressa* Gleason, *Bull. Torrey Bot. Club* 58 (7): 410 [Oct. 1931] (Gleason 1931).

*Myrcia longicaudata* Lundell, *Amer. Midl. Naturalist* 29 (2): 481 [5 Apr. 1943] (Lundell 1943).

*Myrcia schippii* Lundell, *Amer. Midl. Naturalist* 29 (2): 482 [5 Apr. 1943] (Lundell 1943).

*Myrcia splendens* var. *chrysocoma* McVaugh, *Fieldiana, Bot.* 29 (3): 193 [30 Nov. 1956] (McVaugh 1956).

*Myrcia belizensis* Lundell, *Wrightia* 2 (4): 213 (Lundell 1961).

*Myrcia splendens* var. *guantanamana* Borhidi & O. Muñiz, *Bot. Közlem.* 64 (1): 20 (Borhidi & Muñiz 1977).

*Myrcia rostrata* f. *flexuosa* Soares-Silva, *Bradea* 8 (48): 323 [22 Oct. 2002] (Soares-Silva 2002).

NOTES. — *Aulomyrcia costata* O.Berg is not based on *Myrcia costata* DC., which is treated separately by Berg in the same work (1857: 157). The type of *Myrtus stoupyi* Spreng. (i.e. that of *Myrtus bracteolaris* Poir.) was given to “citoyen” Lamarck by “citoyen” Stoupy (Poiret 1798: 411), hence the automatic correction of “*stoupii*”.

VERNACULAR NAMES. — Pa: kagegut, karegut • Ka: kumete, kumeti, meli lan • Wp: inámu pita, pakea’i, pila lea, pila lea u, pila lea wate’e, wila imi’i wu, wila umi’i wu • Nt: baaka bee sii, bee sii • Br: frutinheira, guamirim, murta-grande, murta-parida.

HERBARIUM DATA (FG). — 94 collections at CAY. Sel. exs.: *J.B. Leblond 114* (original material of *Eugenia fallax*: G).

INVENTORY DATA (FG). — 25 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.7$  cm.

[1308] *Myrcia subobliqua* (Benth.) Nied.

*Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893). — *Eugenia subobliqua* Benth., *J. Bot. [Hooker]* 2: 322 (Bentham 1840). — *Aulomyrcia subobliqua* (Benth.) O.Berg, *Linnaea* 27 (1): 57 [“1854” publ. Nov. 1855] (Berg 1855).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: pakea’i sī, pila lea.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P. Grenand 1328*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.9$  cm.

[1309] *Myrcia subsessilis* O.Berg

*Linnaea* 31: 251 (Berg 1861-1862).

*Myrcia subsessilis* var. *subcordata* O.Berg, *Linnaea* 31: 251 (Berg 1861-1862).

*Myrcia subsessilis* var. *ovalis* O.Berg, *Linnaea* 31: 252 (Berg 1861-1862).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville 3327*.

SIZE. — Brazil, Amapá. *S.A. Mori 17488* (MO), 20 m × 30 cm.

[1310] *Myrcia sylvatica* (G.Mey.) DC.

*Prodr. [A. P. de Candolle]* 3: 244 [mid Mar. 1828] (Candolle 1828). — *Myrtus sylvatica* G.Mey., *Prim. Fl. Esseq.* 191 [Nov. 1818] (Meyer 1818), “Myrthus”. — *Myrcia ambigua* var. *sylvatica* (G.Mey.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 180 [15 May 1857] (Berg 1857).

*Myrtus lucida* L., *Syst. Nat.*, ed. 10, 2: 1056 [7 June 1759] (Linnaeus 1759).

*Myrcia ambigua* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828).

*Myrcia ambigua* var. *pauciflora* DC., *Prodr. [A. P. de Candolle]* 3: 252 [mid Mar. 1828] (Candolle 1828).

*Myrcia ambigua* var. *dives* O.Berg, *Fl. Bras. [Martius]* 14 (1): 180 [15 May 1857] (Berg 1857).

*Myrcia ambigua* var. *multiflora* O.Berg, *Fl. Bras. [Martius]* 14 (1): 180 [15 May 1857] (Berg 1857).

*Myrcia ambigua* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 181 [15 May 1857] (Berg 1857).

*Myrcia ambigua* var. *rostrata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 181 [15 May 1857] (Berg 1857).

VERNACULAR NAMES. — Ka: pikililan • Wp: kasila, pila lea, pila lea sili.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *R.A.A. Oldeman 3064*.

SIZE. — Brazil, Amazonas. *M. Pacheco et al. 43* (MO), 14 m × 15.4 cm.

[1311] *Myrcia tomentosa* (Aubl.) DC.

*Prodr. [A. P. de Candolle]* 3: 245 [mid Mar. 1828] (Candolle 1828). — *Eugenia tomentosa* Aubl., *Hist. Pl. Guiane* 1: 504 [Jun.-Dec. 1775] (Aublet 1775). — *Myrtus aubletii* Spreng., *Syst. Veg. [Sprengel]* 2: 486 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Eugenia tomentosa*). — *Aguava tomentosa* (Aubl.) Raf., *Sylva Tellur.*: 107 (Rafinesque 1838). — *Cumetea tomentosa* (Aubl.) Raf., *Sylva Tellur.*: 106 (Rafinesque 1838). — *Aulomyrcia tomentosa* (Aubl.) Amshoff, *Recueil Trav. Bot. Néerl.* 39: 153 (Amshoff 1942).

*Myrcia hirtiflora* DC., *Prodr. [A. P. de Candolle]* 3: 249 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia hirtiflora* (DC.) O.Berg, *Linnaea* 27 (1): 40 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia curatellifolia* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828), “*curatellaefolia*”. — *Myrtus curatellifolia* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828), “*curatellaefolia*”, *nom. nud. pro syn.* — *Aulomyrcia curatellifolia* (DC.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 95 [15 May 1857] (Berg 1857), “*curatellaefolia*”.

*Myrcia prunifolia* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828). — *Aulomyrcia prunifolia* (DC.) O.Berg, *Linnaea* 27 (1): 55 [“1854” publ. Nov. 1855] (Berg 1855).

*Myrcia pilosa* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828). — *Myrtus pilosa* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Myrcia prunifolia* var. *angustior* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828).

- Myrcia prunifolia* var. *obovata* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828).
- Myrcia prunifolia* var. *ovata* DC., *Prodr. [A. P. de Candolle]* 3: 253 [mid Mar. 1828] (Candolle 1828).
- Myrcia puberula* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (18): 316 ["1829" publ. 25 Feb. 1832] (Cambessèdes 1832). — *Aulomyrcia puberula* (Cambess.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 94 [15 May 1857] (Berg 1857). — *Myrcianthes puberula* (Cambess.) Mattos, *Loefgrenia* 128: 1 [Apr. 2009] (Mattos 2009).
- Myrcia capivarhyensis* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 328 ["1829" publ. 27 Oct. 1832] (Cambessèdes 1832). — *Aulomyrcia capivarhyensis* (Cambess.) O.Berg, *Fl. Bras. [Martius]* 14 (1): 63 [15 May 1857] (Berg 1857).
- Myrcia floribunda* Miq., *Linnaea* 22: 534 (Miquel 1849).
- Aulomyrcia aureolanata* O.Berg, *Linnaea* 27 (1): 52 ["1854" publ. Nov. 1855] (Berg 1855), "*aureo-lanata*".
- Aulomyrcia alloiota* O.Berg, *Linnaea* 27 (1): 54 ["1854" publ. Nov. 1855] (Berg 1855). — *Myrcia alloiota* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia rosulans* O.Berg, *Linnaea* 27 (1): 54 ["1854" publ. Nov. 1855] (Berg 1855). — *Myrcia rosulans* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 72 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia ottonis* O.Berg, *Linnaea* 27 (1): 55 ["1854" publ. Nov. 1855] (Berg 1855).
- Aulomyrcia confusa* O.Berg, *Linnaea* 27 (1): 56 ["1854" publ. Nov. 1855] (Berg 1855).
- Calyptromyrcia venosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 57 [15 May 1857] (Berg 1857). — *Myrcia venosa* (O.Berg) Mattos, *Loefgrenia* 128: 3 [Apr. 2009] (Mattos 2009).
- Aulomyrcia lancea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 88 [15 May 1857] (Berg 1857). — *Myrcia lancea* (O.Berg) Mattos, *Arq. Bot. Estado São Paulo* 4 (2): 62 (Mattos 1966).
- Aulomyrcia spathulata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 91 [15 May 1857] (Berg 1857). — *Myrcia spathulata* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 72 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia alloiota* var. *cuneata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 92 [15 May 1857] (Berg 1857).
- Aulomyrcia alloiota* var. *obovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 92 [15 May 1857] (Berg 1857). — *Myrcia alloiota* var. *obovata* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia alloiota* var. *ovalis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 92 [15 May 1857] (Berg 1857).
- Aulomyrcia alloiota* var. *pyramidalis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 92 [15 May 1857] (Berg 1857).
- Aulomyrcia alloiota* var. *subcordata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 92 [15 May 1857] (Berg 1857). — *Myrcia alloiota* var. *subcordata* (O.Berg) N.Silveira, *Loefgrenia* 86: 1 (Silveira 1985).
- Aulomyrcia leucantha* O.Berg, *Fl. Bras. [Martius]* 14 (1): 93 [15 May 1857] (Berg 1857). — *Myrcia leucantha* (O.Berg) N.Silveira, *Roessleria* 7 (1): 66 (Silveira 1985).
- Aulomyrcia longipes* O.Berg, *Fl. Bras. [Martius]* 14 (1): 94 [15 May 1857] (Berg 1857). — *Myrcia longipes* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia longipes* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 94 [15 May 1857] (Berg 1857).
- Aulomyrcia longipes* var. *obovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 94 [15 May 1857] (Berg 1857). — *Myrcia longipes* f. *obovata* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia longipes* var. *spathulata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 94 [15 May 1857] (Berg 1857).
- Aulomyrcia curatellifolia* var. *grandifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 95 [15 May 1857] (Berg 1857), "*curatellaefolia*". — *Myrcia curatellifolia* var. *grandifolia* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia curatellifolia* var. *parvifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 95 [15 May 1857] (Berg 1857), "*curatellaefolia*". — *Myrcia curatellifolia* var. *parvifolia* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 70 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Aulomyrcia prunifolia* var. *brevipes* O.Berg, *Fl. Bras. [Martius]* 14 (1): 95 [15 May 1857] (Berg 1857).
- Aulomyrcia prunifolia* var. *longipes* O.Berg, *Fl. Bras. [Martius]* 14 (1): 96 [15 May 1857] (Berg 1857).
- Aulomyrcia lanuginosa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 102 [15 May 1857] (Berg 1857). — *Myrcia lanuginosa* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 76 [Jan. 1893] (Niedenzu 1893), *nom. illeg. hom., non* O.Berg (1857).
- Myrcia piauhiensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 196 [15 May 1857] (Berg 1857).
- Aulomyrcia micrantha* O.Berg, *Fl. Bras. [Martius]* 14 (1): 517 [1 Feb. 1858] (Berg 1858).
- Aulomyrcia curatellifolia* var. *australis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 547 [15 Jan. 1859] (Berg 1859), "*curatellaefolia*".
- Aulomyrcia lanuginosa* var. *pyramidata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 548 [15 Jan. 1859] (Berg 1859).
- Myrcia marahanensis* Kiaersk., *Enum. Myrt. Bras.* 71 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia membranacea* Kiaersk., *Enum. Myrt. Bras.* 71 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia rhodosepala* Kiaersk., *Enum. Myrt. Bras.* 75 [Oct.-Nov. 1893] (Kiaerskov 1893).
- Myrcia verruculata* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 355 ["1894-96" publ. Dec. 1895] (Moore 1895).
- Eugenia vallis* Standl., *Ann. Missouri Bot. Gard.* 27: 323 (Standley 1940).
- HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: J.B. Aublet s.n. (original material BM[BM000953642]).
- SIZE. — Up to 10 m tall (Holst 2003).

[1312] *Myrcia* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-J. de Granville 14611*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.6$  cm.

[1313] *Myrcia* sp. B

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as “*Marlierea* FG-2”

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2329*,  $dbh = 16.9$  cm.

Genus *Myrcianthes* O.Berg

[1314] *Myrcianthes prodigiosa* McVaugh

*Fieldiana, Bot.* 29 (8): 492 [31 May 1963] (McVaugh 1963).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Barthélémy 3687*.

INVENTORY DATA (FG). — 14 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.5$  cm.

Genus *Myrciaria* O.Berg

[1315] *Myrciaria floribunda* (H. West ex Willd.) O.Berg

*Linnaea* 27 (2-3): 330 [“1854” publ. Jan. 1856] (Berg 1856). — *Eugenia floribunda* H. West ex Willd., *Sp. Pl.*, ed. 4 2 (2): 960 [Dec. 1799] (Willdenow 1799). — *Myrtus floribunda* (H. West ex Willd.) Spreng., *Syst. Veg. [Sprengel]* 2: 484 [Jan.-May 1825] (Sprengel 1825).

*Myrtus micrantha* Nees & Mart., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 51 (Nees & Martius 1824), *nom. illeg. hom., non* Kunth (1823) [synonym of *Eugenia monticola* (Sw.) DC.]

*Eugenia maximiliana* DC., *Prodr. [A. P. de Candolle]* 3: 270 [mid Mar. 1828] (Candolle 1828). — *Myrciaria maximiliana* (DC.) O.Berg, *Linnaea* 27 (2-3): 329 [“1854” publ. Jan. 1856] (Berg 1856).

*Eugenia ciliolata* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 344 [“1829” publ. 27 Oct. 1832] (Cambessèdes 1832). — *Myrciaria ciliolata* (Cambess.) O.Berg, *Linnaea* 27 (2-3): 327 [“1854” publ. Jan. 1856] (Berg 1856). — *Paramyrciaria ciliolata* (Cambess.) Rotman, *Bol. Soc. Argent. Bot.* 24 (3-4): 418 (Rotman 1986).

*Eugenia salzmannii* Benth., *J. Bot. [Hooker]* 2: 319 (Bentham 1840), “*Salzmanni*”. — *Myrciaria salzmannii* (Benth.) O.Berg, *Linnaea* 27 (2-3): 331 [“1854” publ. Jan. 1856] (Berg 1856), “*Salzmanni*”.

*Myrtus verticillata* Salzm. ex Benth., *J. Bot. [Hooker]* 2: 320 (Bentham 1840), *nom. illeg. hom., non* Vell. (Vellozo 1829), *nom. nud.*

*Eugenia protracta* Steud., *Flora* 26 (45): 762 [17 Dec. 1843] (Steudel 1843). — *Myrciaria protracta* (Steud.) O.Berg, *Linnaea* 27 (2-3): 330 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria uliginosa* O.Berg, *Linnaea* 27 (2-3): 329 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria verticillata* O.Berg, *Linnaea* 27 (2-3): 332 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria leucadendron* O.Berg, *Fl. Bras. [Martius]* 14 (1): 364 [15 May 1857] (Berg 1857).

*Myrciaria leucophloea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 370 [15 May 1857] (Berg 1857). — *Eugenia leucophloea* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 183 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrciaria leucophloea* var. *conferta* O.Berg, *Fl. Bras. [Martius]* 14 (1): 370 [15 May 1857] (Berg 1857).

*Myrciaria leucophloea* var. *laxa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 370 [15 May 1857] (Berg 1857).

*Myrciaria splendens* O.Berg, *Fl. Bras. [Martius]* 14 (1): 371 [15 May 1857] (Berg 1857).

*Myrciaria tenuiramis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 371 [15 May 1857] (Berg 1857).

*Myrciaria maragnanensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 372 [15 May 1857] (Berg 1857). — *Myrciaria maranhensis* O.Berg, *Fl. Bras. [Martius]* 14 (1): 652 [15 Jan. 1859] (Berg 1859), *sphalm.* — *Eugenia maranhensis* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 183 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrciaria tolypantha* O.Berg, *Fl. Bras. [Martius]* 14 (1): 372 [15 May 1857] (Berg 1857).

*Myrciaria tolypantha* var. *angustifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 372 [15 May 1857] (Berg 1857).

*Myrciaria tolypantha* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 372 [15 May 1857] (Berg 1857).

*Myrciaria axillaris* O.Berg, *Fl. Bras. [Martius]* 14 (1): 373 [15 May 1857] (Berg 1857).

*Myrciaria prasina* O.Berg, *Fl. Bras. [Martius]* 14 (1): 373 [15 May 1857] (Berg 1857).

*Myrciaria schuechiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 373 [15 May 1857] (Berg 1857), “*schüchiana*”.

*Myrciaria amazonica* O.Berg, *Fl. Bras. [Martius]* 14 (1): 374 [15 May 1857] (Berg 1857).

*Myrciaria sellowiana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 374 [15 May 1857] (Berg 1857).

*Myrciaria ferruginea* O.Berg, *Fl. Bras. [Martius]* 14 (1): 597 [15 Jan. 1859] (Berg 1859).

*Myrciaria longipes* O.Berg, *Fl. Bras. [Martius]* 14 (1): 599 [15 Jan. 1859] (Berg 1859).

*Myrciaria schuechiana* var. *deflexa* O.Berg, *Fl. Bras. [Martius]* 14 (1): 599 [15 Jan. 1859] (Berg 1859), “*schüchiana*”.

*Myrciaria schuechiana* var. *latifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 599 [15 Jan. 1859] (Berg 1859), “*schüchiana*”.

*Myrciaria longipes* var. *opaca* O.Berg, *Fl. Bras. [Martius]* 14 (1): 600 [15 Jan. 1859] (Berg 1859).

*Myrciaria longipes* var. *pellucida* O.Berg, *Fl. Bras. [Martius]* 14 (1): 600 [15 Jan. 1859] (Berg 1859).

*Marlierea brachymischa* Kiaersk., *Enum. Myrt. Bras.* 47 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Eugenia leucophloea* var. *warmingiana* Kiaersk., *Enum. Myrt. Bras.* 183 [Oct.-Nov. 1893] (Kiaerskov 1893). — *Myrciaria ciliolata* var. *warmingiana* (Kiaersk.) Mattos, *Loefgrenia* 78: 3 (Mattos 1983). — *Myrciaria leucophloea* var. *warmingiana* (Kiaersk.) Mattos, *Loefgrenia* 64: 3 (Mattos 1975).

*Eugenia polyneura* Urb., *Symb. Antill. [Urban]* 5 (3): 446 [20 May 1908] (Urban 1908), *nom. illeg. hom., non* Koord. & Valetton (Koorders & Valetton 1900).

*Eugenia pycnoneura* Urb., *Symb. Antill. [Urban]* 6 (1): 25 [15 July 1909] (Urban 1909).

*Plinia acutissima* Urb., *Ark. Bot.* 22A(10): 25 (Urban 1929).

*Eugenia oneillii* Lundell, *Bull. Torrey Bot. Club* 64 (8): 555 [Nov. 1937] (Lundell 1937), “O’Neillii”. — *Myrciaria oneillii* (Lundell) I.M.Johnst., *Sargentia* 8: 228 (Johnston 1949), “O’Neillii”.

*Myrciaria arborea* D.Legrand, *Sellowia* 13: 328 (Legrand 1961).

*Siphoneugena cantareirae* Mattos, *Ci. & Cult.* 19 (2): 332 (Mattos 1967).

*Myrciaria longicaudata* Lundell, *Wrightia* 4 (4): 144 (Lundell 1970).

*Siphoneugena micrantha* Kausel, *Lilloa* 36 (6): 111 (Kausel 1972).

*Myrciaria mexicana* Lundell, *Wrightia* 5 (2): 44 (Lundell 1974).

*Myrciaria arborea* var. *rostrata* Mattos, *Loefgrenia* 66: 3 (Mattos 1975).

NOTE. — Excluded synonyms: *Calyptanthes floribunda* Blume and *Caryophyllus floribundus* (Blume) Blume (from Java).

VERNACULAR NAMES. — Pa: awao, awau, awau-seinō • Ka: asaikiabe, seityape, tamunen seityape • Wp: kumesi • Cr: gouyavié-montangn • Br: goiaba-do-mato, goiabinha.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier* 2218.

INVENTORY DATA (FG). — 39 trees in 32 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.3$  cm.

[1316] *Myrciaria vismiifolia* (Benth.) O.Berg

*Linnaea* 27 (2-3): 336 [“1854” publ. Jan. 1856] (Berg 1856), “*vismeaefolia*”. — *Eugenia vismiifolia* Benth., *J. Bot. [Hooker]* 2: 320 (Bentham 1840), “*vismeaefolia*”.

NOTE. — The specific epithet refers to the genus *Vismia* Vand., hence it is corrected to *vismiifolia*.

VERNACULAR NAMES. — Wn: hapi, pëneju, takamalakma.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *Service Forestier* 7911,  $dbh = 20$  cm.

Genus *Plinia* L.

[1317] *Plinia rivularis* (Cambess.) Rotman

*Bol. Soc. Argent. Bot.* 24 (1-2): 195 (Rotman 1985). — *Eugenia rivularis* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19):

337 [“1829” publ. 27 Oct. 1832] (Cambessède 1832). — *Myrciaria rivularis* (Cambess.) O.Berg, *Linnaea* 27 (2-3): 320 [“1854” publ. Jan. 1856] (Berg 1856).

*Myrciaria hagendorffii* O.Berg, *Fl. Bras. [Martius]* 14 (1): 360 [15 May 1857] (Berg 1857). — *Eugenia hagendorffii* (O.Berg) Kiaersk., *Enum. Myrt. Bras.* 179 [Oct.-Nov. 1893] (Kiaerskov 1893).

*Myrcia silvatica* Barb.Rodr. ex Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 7: 803 (Chodat & Hassler 1907), *nom. nud.*

*Eugenia variifolia* Barb.Rodr. ex Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 7: 806 (Chodat & Hassler 1907), *nom. nud.*

*Myrcia granulata* R.O.Williams, *Fl. Trinidad & Tobago* 1 (6): 340 [Oct. 1934] (Williams 1934).

*Myrciaria baporeti* D.Legrand, *Anales Mus. Hist. Nat. Montevideo* 4 (11): 63 (Legrand 1936). — *Myrciariopsis baporeti* (D.Legrand) Kausel, *Ark. Bot., n.s.*, 3: 509 (Kausel 1956). — *Siphoneugena baporeti* (D.Legrand) Kausel, *Lilloa* 32: 345 (Kausel 1966). — *Myrciaria rivularis* var. *baporeti* (D.Legrand) D.Legrand, *Fl. Illustr. Catar. (Mirt.)*: 768 (Legrand 1978). — *Plinia baporeti* (D.Legrand) Rotman, *Darwiniana* 24 (1-4): 169 (Rotman 1982).

*Siphoneugena legrandii* Mattos & N.Silveira, *Loefgrenia* 87: 2 (Mattos & Silveira 1985).

VERNACULAR NAMES. — Pa: mpitit-kamwi (for *Plinia* sp.) • Br: guamirim, jaboticaba-rana.

HERBARIUM DATA (FG). — A single collection, *C. Baraloto et al.* 8056.

SIZE. — Up to 18 m tall (Holst 2003).

Genus *Psidium* L.

[1318] *Psidium acutangulum* DC.

*Prodr. [A. P. de Candolle]* 3: 233 [mid Mar. 1828] (Candolle 1828). — *Guajava acutangula* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 239 [5 Nov. 1891] (Kuntze 1891).

*Psidium acutangulum* var. *acidum* DC., *Prodr. [A. P. de Candolle]* 3: 233 [mid Mar. 1828] (Candolle 1828). — *Britoa acida* (DC.) O.Berg, *Linnaea* 27 (4): 436 [“1854” publ. Feb. 1856] (Berg 1856). — *Psidium acidum* Mart. ex O.Berg, *Linnaea* 27 (4): 436 [“1854” publ. Feb. 1856] (Berg 1856), *nom. nud. pro syn.* — *Psidium acidum* (DC.) Landrum, *Brittonia* 68 (4): 411 [epubl. 28 Apr. 2016] (Landrum 2016).

*Psidium acutangulum* var. *crassirame* O.Berg, *Fl. Bras. [Martius]* 14 (1): 409 [15 May 1857] (Berg 1857).

*Psidium acutangulum* var. *tenuirame* O.Berg, *Fl. Bras. [Martius]* 14 (1): 409 [15 May 1857] (Berg 1857).

*Psidium grandiflorum* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 15: 228 (Ruiz & Pavón 1958), *nom. illeg. hom., non* Aubl. (Aublet 1775) [synonym of *Campomanesia grandiflora* (Aubl.) Sagot].

*Psidium persoonii* McVaugh, *Mem. New York Bot. Gard.* 18 (2): 255 (McVaugh 1969).

*Psidium acutangulum* var. *oblongatum* Mattos, *Loefgrenia* 94: 12 (Mattos 1989), “*oblongata*”.

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Te: ala'a • Wp: alali • Wn: takamalaime • Nt: liba gobaya • Cr: gouyave-so • Br: araca-pera.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *M. Fleury* 2176.

SIZE. — Up to 10 m tall (Holst 2003).

[1319] *Psidium oligospermum* Mart. ex DC.

*Prodr. [A. P. de Candolle]* 3: 236 [mid Mar. 1828] (Candolle 1828). — *Guajava oligosperma* (Mart. ex DC.) Kuntze, *Revis. Gen. Pl.* 1: 239 [5 Nov. 1891] (Kuntze 1891). — *Mitropsidium oligospermum* (Mart. ex DC.) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 486 [30 Mar. 1941] (Burret 1941).

*Calyptanthus eugenioides* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (19): 370 ["1829" publ. 27 Oct. 1832] (Cambessèdes 1832), "*Eugenioides*". — *Mitranthes eugenioides* (Cambess.) O.Berg, *Linnaea* 27 (2-3): 317 ["1854" publ. Jan. 1856] (Berg 1856). — *Chytraculia eugenioides* (Cambess.) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891). — *Psidium eugenioides* (Cambess.) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 69 [Jan. 1893] (Niedenzu 1893). — *Mitropsidium eugenioides* (Cambess.) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 489 [30 Mar. 1941] (Burret 1941).

*Psidium galapageium* Hook.f., *Trans. Linn. Soc. London* 20 (2): 224 (Hooker 1847).

*Psidium ciliatum* O.Berg, *Linnaea* 27 (2-3): 353 ["1854" publ. Jan. 1856] (Berg 1856), *nom. illeg. hom., non* Benth. (Bentham 1840) [synonym of *P. salutare* (Kunth) O.Berg].

*Mitranthes gardneriana* O.Berg, *Fl. Bras. [Martius]* 14 (1): 354 [15 May 1857] (Berg 1857). — *Chytraculia gardneriana* (O.Berg) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891). — *Mitropsidium gardnerianum* (O.Berg) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 487 [30 Mar. 1941] (Burret 1941).

*Mitranthes eugenioides* var. *oblongifolia* O.Berg, *Fl. Bras. [Martius]* 14 (1): 355 [15 May 1857] (Berg 1857), *nom. illeg.* (species basionym in synonymy).

*Mitranthes eugenioides* var. *ovata* O.Berg, *Fl. Bras. [Martius]* 14 (1): 355 [15 May 1857] (Berg 1857).

*Mitranthes sartoriana* O.Berg, *Linnaea* 29 (2): 248 [June 1858] (Berg 1858). — *Chytraculia sartoriana* (O.Berg) Kuntze, *Revis. Gen. Pl.* 1: 238 [5 Nov. 1891] (Kuntze 1891). — *Psidium sartorianum* (O.Berg) Nied., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (7): 69 [Jan. 1893] (Niedenzu 1893). — *Calyptropsidium sartorianum* (O.Berg) Krug & Urb., *Bot. Jahrb. Syst.* 19 (4): 571 [28 Dec. 1894] (Krug & Urban 1894). — *Mitropsidium sartorianum* (O.Berg) Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 487 [30 Mar. 1941] (Burret 1941).

*Calycorectes protractus* Griseb., *Cat. Pl. Cub. [Grisebach]* 284 [May-Aug. 1866] (Grisebach 1866). — *Psidium protractum* (Griseb.) Lundell, *Wrightia* 5 (3): 70 (Lundell 1974).

*Calyptanthus tonduzii* Donn.Sm., *Bot. Gaz.* 23 (4): 245 [22 Apr. 1897] (Donnell Smith 1897).

*Psidium paucinerve* Urb., *Symb. Antill. [Urban]* 9 (2): 82 [1 Jan. 1923] (Urban 1923). — *Myrtus paucinervia* (Urb.) Landrum, *Canotia* 13: 49 (Landrum 2017), "*paucinerve*", *nom. inval. pro syn.*

*Psidium claraense* Urb., *Symb. Antill. [Urban]* 9 (4): 466 [15 Mar. 1928] (Urban 1928). — *Myrtus claraensis* (Urb.) Bisse, *Ciencias (Havana)*, ser. 10, 12: 10 ["1976" publ. 1977] (Bisse 1977).

*Psidium microphyllum* Britton, *Sci. Surv. Porto Rico & Virgin Islands* 6: 555 (Britton 1930).

*Psidium socorrense* I.M. Johnston., *Proc. Calif. Acad. Sci.*, ser. 4, 20: 81 (Johnston 1931).

*Mitropsidium oblanceolatum* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 487 [30 Mar. 1941] (Burret 1941).

*Mitropsidium pittieri* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 488 [30 Mar. 1941] (Burret 1941).

*Psidium yucatanense* Lundell, *Contr. Univ. Michigan Herb.* 7: 35 (Lundell 1942). — *Psidium sartorianum* var. *yucatanense* (Lundell) McVaugh, *Fieldiana, Bot.* 29 (8): 527 [31 May 1963] (McVaugh 1963).

*Psidium solisii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 23 (3): 133 [14 Feb. 1944] (Standley 1944).

*Psidium minutiflorum* Amshoff, *Recueil Trav. Bot. Néerl.* 42: 19 (Amshoff 1950).

*Psidium molinae* Amshoff, *Acta Bot. Neerl.* 5 (3): 277 [Nov. 1956] (Amshoff 1956), "*Molinae*".

*Psidium galapageium* var. *howellii* D.M. Porter, *Ann. Missouri Bot. Gard.* 55 (3): 370 (Porter 1969).

NOTE. — McVaugh based *Psidium sartorianum* var. *yucatanense* on *P. yucatanense* Lundell, but argued that the former name should not be treated as a new combination, on the mistaken belief that *P. yucatanense* was a taxonomic synonym of *Calycorectes protractus* Griseb. As *P. yucatanense* was validly published, all requirements were fulfilled for a new combination.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5029.

SIZE. — Brazil, Pará. *T.C. Plowman et al.* 8730 (MO), 15 m × 30 cm.

[1320] *Myrtaceae* sp. A

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as "*Myrtaceae* FG-2".

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier et al.* 5812.

INVENTORY DATA (FG). — 11 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.5$  cm.

[1321] *Myrtaceae* sp. B

NOTE. — Collections at CAY are provisionally classified by B. K. Holst as "*Myrtaceae* FG-3".

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 5411.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10.8$  cm.

[1322] *Myrtaceae* sp. C

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & M.-F. Prévost* 2956.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.3$  cm.

Family NYCTAGINACEAE Juss.  
Genus *Guapira* Aubl.

[1323] *Guapira eggersiana* (Heimerl) Lundell

*Wrightia* 4 (2): 80 [31 Dec. 1968] (Lundell 1968). — *Pisonia eggersiana* Heimerl, *Bot. Jahrb. Syst.* 21 (5): 627 [12 May 1896] (Heimerl 1896). — *Torrubia eggersiana* (Heimerl) Standl., *Contr. U.S. Natl. Herb.* 18 (3): 100 [11 Feb. 1916] (Standley 1916).

*Pisonia broadwayana* Heimerl, *Repert. Spec. Nov. Regni Veg.* 17: 1 (Heimerl 1921). — *Torrubia broadwayana* (Heimerl) Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (5): 308 (Standley 1931). — *Guapira broadwayana* (Heimerl) Lundell, *Wrightia* 4 (2): 80 [31 Dec. 1968] (Lundell 1968).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: aaku-gawut • Ka: wayamu sasamili • Wp: inimopo'i piyünga, pikau ki'iy, pikau meyu • Cr: grënn-malenbé • Br: carvoeiro.

HERBARIUM DATA (FG). — 55 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3833*.

INVENTORY DATA (FG). — 55 trees in 22 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 51.4$  cm.

[1324] *Guapira guianensis* Aubl.

*Hist. Pl. Guiane* 1: 308 [Jun.-Dec. 1775] (Aublet 1775), “*Quapira Guyannensis*” on plate. — *Pisonia guianensis* (Aubl.) R.A.Howard, *J. Arnold Arbor.* 64 (2): 270 [Apr. 1983] (Howard 1983).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 1 collection from French Guiana: *J.B. Aublet s.n.* (original material P-JU, P00675567).

SIZE. — Venezuela, Aragua. *O. Huber 333* (MO), 7 m × 11 cm.

[1325] *Guapira salicifolia* (Heimerl) Lundell

*Wrightia* 4 (2): 83 [31 Dec. 1968] (Lundell 1968). — *Pisonia salicifolia* Heimerl, *Symb. Antill. [Urban]* 7 (2): 216 [15 June 1912] (Heimerl 1912). — *Torrubia salicifolia* (Heimerl) Standl., *Contr. U.S. Natl. Herb.* 18 (3): 101 [11 Feb. 1916] (Standley 1916).

*Pisonia albiflora* Heimerl, *Bull. Misc. Inform. Kew* 1932 (5): 219 [27 June 1932] (Heimerl 1932).

*Torrubia heimerliana* Standl., *Lloydia* 2 (3): 177 (Standley 1939). — *Guapira heimerliana* (Standl.) Lundell, *Wrightia* 4 (2): 81 [31 Dec. 1968] (Lundell 1968).

VERNACULAR NAMES. — Wp: inimopo'i piyünga • Cr: grënn-malenbé • Br: carvoeiro.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P. Grenand 2107*.

INVENTORY DATA (FG). — 1 tree, dbh = 14.6 cm.

[1326] *Guapira* sp. A

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-F. Molino et al. 2071*.

INVENTORY DATA (FG). — 19 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.6$  cm.

Genus *Neea* Ruiz & Pav.

[1327] *Neea constricta* Spruce ex J.A.Schmidt

*Fl. Bras. [Martius]* 14 (2): 368 [1 May 1872] (Schmidt 1872).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *S.A. Mori & C. Gracie 24205*.

SIZE. — Up to 15 cm dbh (DeFilipps 2002).

[1328] *Neea floribunda* Poepp. & Endl.  
(Fig. 43A)

*Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 46 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838), “*Neeaea*”.

*Neea cauliflora* Heimerl, *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 16c: 129 (Heimerl 1934).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: mihukat-kamwi, mirukat-kamwi • Ka: sakusaku • Wp: inimopo'i piyünga.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15333*.

INVENTORY DATA (FG). — 90 trees in 35 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 37.2$  cm.

[1329] *Neea mollis* Spruce ex J.A.Schmidt

*Fl. Bras. [Martius]* 14 (2): 367 [1 May 1872] (Schmidt 1872).

VERNACULAR NAMES. — Pa: kwepan-wašiuunu • Ka: sakusaku • Wp: alasiku, inimopo'i piyünga, ka'a sala • Br: joão-mole.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *D. Sabatier et al. 4623*, dbh = 14.6 cm.

[1330] *Neea ovalifolia* Spruce ex J.A.Schmidt

*Fl. Bras. [Martius]* 14 (2): 368 [1 May 1872] (Schmidt 1872).

VERNACULAR NAMES. — Wp: kwapo'i sili.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2249*.

SIZE. — Up to 35 cm dbh (DeFilipps 2002).

[1331] *Neea spruceana* Heimerl

*Notizbl. Königl. Bot. Gart. Berlin* 6: 131 [20 Mar. 1914] (Heimerl 1914).

*Neea weberbaueri* Heimerl, *Bot. Jahrb. Syst.* 54 (1, Beibl. 117): 38 [26 Apr. 1916] (Heimerl 1916).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville 652*.

SIZE. — Up to 20 cm dbh (DeFilipps & Maina 2003).

[1332] *Neea* sp. A  
(Fig. 43B)

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3385*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.9$  cm.

[1333] *Neea* sp. B

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2760*.

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 22.4$  cm.

[1334] *Neea* sp. C

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5082*.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.3$  cm.

[1335] Nyctaginaceae sp. A

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5334*.

INVENTORY DATA (FG). — 74 trees in 29 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 57.3$  cm.

[1336] Nyctaginaceae sp. B

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1877*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[1337] Nyctaginaceae sp. C

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3169*.

INVENTORY DATA (FG). — 15 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.3$  cm.

[1338] Nyctaginaceae sp. D

HERBARIUM DATA (FG). — A single collection, *D. Sabatier et al. 4880*.

INVENTORY DATA (FG). — 21 trees in 2 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 23.6$  cm.

Family OCHNACEAE DC.  
Genus *Elvasia* DC.

[1339] *Elvasia elvasioides* (Planch.) Gilg

*Nat. Pflanzenfam. [Engler & Prantl]* 3 (6): 145 (Gilg 1893). — *Hostmannia elvasioides* Planch., *Icon. Pl.* 8 [n.s., 4]: t. 709 [May 1845] (Planchon 1845). — *Elvasia hostmannia* Planch., *London J. Bot.* 5: 648 (Planchon 1846), *nom. illeg. superfl.* (based on *Hostmannia elvasioides*).

*Hostmannia sagotii* Tiegh., *Ann. Sci. Nat., Bot.* sér. 8, 16: 414 (Tieghem 1902), “*Sagoti*”. — *Elvasia sagotii* (Tiegh.) Lemée, *Fl. Guyane Franç.* 3: 8 (Lemée 1954), “*Sagoti*”.

*Elvasia caurensis* Pittier, *Bol. Soc. Venez. Ci. Nat.* 6 (41): 17 [“1939” publ. 1940] (Pittier 1940).

VERNACULAR NAMES. — Pa: yauknabui • Ka: pakila eu.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3996*,  $dbh = 30.3$  cm.

INVENTORY DATA (FG). — 12 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.9$  cm.

[1340] *Elvasia macrostipularis* Sastre & Lescure  
(Fig. 44A)

*Caldasia* 12 (57): 134 (Sastre & Lescure 1978).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4664*.

INVENTORY DATA (FG). — 292 trees in 31 plots;  $F_{\max} = 6.5\%$ ;  $dbh_{\text{inv}} = 26.6$  cm.

Genus *Lacunaria* Ducke

[1341] *Lacunaria crenata* (Tul.) A.C.Sm.  
(Fig. 44B)

*Trop. Woods* 58: 31 (Smith 1939). — *Quiina crenata* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 11: 163 (Tulasne 1849).

*Quiina panamensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 236 [24 Oct. 1929] (Standley 1929). — *Lacunaria panamensis* (Standl.) Standl., *Ann. Missouri Bot. Gard.* 29 (4): 358 (Standley 1942).

*Lacunaria pauciflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 5: 169 (Ducke 1930).

VERNACULAR NAMES. — Ka: woko molokotoli • Wp: tulumele • Wn: kulataju • Br: moella-de-mutum.

HERBARIUM DATA (FG). — 67 collections at CAY. Sel. exs.: *G.S. Perrottet s.n.* (type P[P05466483]).

INVENTORY DATA (FG). — 67 trees in 49 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.8$  cm.

[1342] *Lacunaria jenmanii* (Oliv.) Ducke subsp. *jenmanii*

*Arch. Jard. Bot. Rio de Janeiro* 5: 171 (Ducke 1930). — *Touroullia jenmanii* Oliv., *Hooker's Icon. Pl.* 20 [ser. 3, 10]: t. 1998 [Aug. 1891] (Oliver 1891), “*Jenmani*”.

*Quiina silvatica* Pulle, *Recueil Trav. Bot. Néerl.* 6: 277 (Pulle 1909). — *Lacunaria silvatica* (Pulle) A.C.Sm., *Trop. Woods* 58: 31 (Smith 1939).

*Lacunaria grandiflora* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 140 (Ducke 1925).

VERNACULAR NAMES. — Ka: woko molokotoli • Wp: mitù'ay, tulumele u • Br: moella-de-mutum.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *D. Sabatier 1423*.

INVENTORY DATA (FG). — 52 trees in 40 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[1343] *Lacunaria jenmanii* subsp. *subsessilis*  
J.V.Schneid. & Zizka

*Syst. Bot.* 37 (1): 179 [1 Jan. 2012] (Schneider & Zizka 2012).

VERNACULAR NAMES. — Pa: avakni-awak puvemna, avakni-awak-seine.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Villiers & C. Feuillet 1974*.

SIZE. — Up to 25 m tall (Schneider & Zizka 2012).

[1344] *Lacunaria umbonata* Pires

*Bol. Técn. Inst. Agron. N.* 28: 46 [1954] (Pires 1953).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *R.L. Fróes 26671* (type IAN[IAN059825]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 20.7$  cm.

## Genus *Ouratea* Aubl.

[1345] *Ouratea candollei* (Planch.) Tiegh.

*J. Bot. [Morot]* 16: 186 [June 1902] (Tieghem 1902). — *Gomphia candollei* Planch., *London J. Bot.* 6: 4 (Planchon 1847).

NOTE. — The binomial *Ouratea candollei* was first invalidly published by Engler (1876: 314) in synonymy under *O. guianensis* Aubl.

VERNACULAR NAMES. — Pa: psuk-awak • Cr: malmani • Br: batiputá.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J. Martin 148* (holo-, P[P00542206]; iso-, BR[BR0000005281756], K[K000382126, K000382127, K000382128], MO[MO-279755], P[P00542207]).

INVENTORY DATA (FG). — 15 trees in 3 plots;  $F_{\max} = 1.8\%$ ;  $dbh_{\text{inv}} = 22.6$  cm.

[1346] *Ouratea cerebroidea* Sastre

*Bull. Mus. Natl. Hist. Nat., B, Adansonia* 8 (4): 413 [“1986” publ. 1987] (Sastre 1987).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: yauknabui.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *C. Sastre 6405* (holo-, P[P00542192]; iso-, P[P00542193], U[U0005264]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 18.9$  cm.

[1347] *Ouratea decagyna* Maguire

*Bull. Torrey Bot. Club* 75 (6): 644 [Dec. 1948] (Maguire 1948).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2944*.

INVENTORY DATA (FG). — 31 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28$  cm.

[1348] *Ouratea francinae* Sastre

*Bull. Mus. Natl. Hist. Nat., B, Adansonia* 8 (4): 417 [“1986” publ. 1987] (Sastre 1987).

VERNACULAR NAMES. — Wp: wai tawa.

HERBARIUM DATA (FG). — Known only from the type: *P. Grenand 510*.

SIZE. — Up to 10 m tall (Sastre 1986).

[1349] *Ouratea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 397 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

NOTE. — Known only from the Guiana Shield.



VERNACULAR NAMES. — Pa: yauknabui • Ka: akale tapulala kili • Wp: tuká nākū • Wn: potípotpiu • Nt: weti tiki • Cr: malmani • Br: batiputá.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000797998]).

INVENTORY DATA (FG). — 17 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.7$  cm.

[1350] *Ouratea leblondii* (Tiegh.) Lemée

*Fl. Guyane Franç.* 3: 8 (Lemée 1954), “*Leblondi*”. — *Campouratea leblondii* Tiegh., *Ann. Sci. Nat., Bot.* sér. 8, 16: 205 (Tieghem 1902), “*Leblondi*”.

*Campouratea sagotii* Tiegh., *Ann. Sci. Nat., Bot.* sér. 8, 16: 211 (Tieghem 1902), “*Sagoti*”. — *Ouratea sagotii* (Tiegh.) Lemée, *Fl. Guyane Franç.* 3: 9 (Lemée 1954).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: ìi.

HERBARIUM DATA (FG). — 94 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (lecto-, P[P00542279], designated by Sastre & Offroy [2016: 60]; isolecto-, K[not seen], P[P00582165]); *C. Sastre & C. Moretti 4020*, 15 m.

[1351] *Ouratea macrocarpa* Sastre

*Bull. Mus. Natl. Hist. Nat.*, B, *Adansonia* 8 (4): 414 [“1986” publ. 1987] (Sastre 1987).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-J. de Granville 44* (holo-, P[P00542348]; iso-, CAY[CAY024895, CAY024896], COL[COL000002626], K[K000382115], NY[00428959], P[P00542349], RB[RB00542384], SI[SI003068, SI003069], U[U0008103], US[00289224]).

SIZE. — Up to 17 m tall (Sastre 1986).

[1352] *Ouratea melinonii* (Tiegh.) Lemée

*Fl. Guyane Franç.* 3: 12 (Lemée 1954). — *Cercouratea melinonii* Tiegh., *Ann. Sci. Nat., Bot.* sér. 8, 16: 278 (Tieghem 1902), “*Melinoni*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: ìi.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *E.M. Melinon s.n.* (holo-, P[P00542463]; iso-, P[P00542464]).

INVENTORY DATA (FG). — 40 trees in 21 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 18.8$  cm.

[1353] *Ouratea retrorsa* Sastre

*Adansonia*, sér. 3, 29 (1): 89 (Sastre 2007).

HERBARIUM DATA (FG). — Known only from the type: *D. Larpin 1021* (holo-, P[P00542460]; iso-, CAY[CAY079504]).

SIZE. — Up to 12 m tall (Sastre 2007).

[1354] *Ouratea scottii* Sastre  
(Fig. 44C)

*Brittonia* 46 (4): 309 (Sastre 1994).

VERNACULAR NAMES. — Wp: tuká nili • Cr: malmani • Br: batiputá.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *S.A. Mori et al. 14927* (holo-, NY[00345875]; iso-, CAY[CAY002334], P[P00542208]).

INVENTORY DATA (FG). — 19 trees in 6 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 20.7$  cm.

Genus *Quiina* Aubl.

[1355] *Quiina berryi* J.V.Schneid. & Zizka

*Candollea* 58 (2): 464 (Schneider & Zizka 2003).

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville 7755*.

SIZE. — Up to 20 m tall (Schneider & Zizka 2016).

[1356] *Quiina cruegeriana* Griseb.

*Fl. Brit. W.I. [Grisebach]* 106 [June 1859] (Grisebach 1859).

*Quiina guianensis* Crueg. ex Griseb., *Fl. Brit. W.I. [Grisebach]* 106 [June 1859] (Grisebach 1859), *nom. nud. pro syn.*

*Quiina peruviana* Engl., *Fl. Bras. [Martius]* 12 (1): 481 [1 Apr. 1888] (Engler 1888).

*Quiina tessmannii* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 298 [10 Nov. 1931] (Mildbraed 1931).

*Quiina cajambrensis* Cuatrec., *Trop. Woods* 96: 41 (Cuatrecasas 1950).

*Quiina congesta* R.S.Cowan, *Brittonia* 8 (4): 239 [Jan. 1957] (Cowan 1957).

*Quiina guaporensis* Pires, *Bol. Tècn. Inst. Agron. N.* 38: 31 (Pires 1960).

*Lacunaria colonensis* D’Arcy, *Ann. Missouri Bot. Gard.* 67 (4): 967 [“1980” publ. 1981] (D’Arcy 1981). — *Quiina colonensis* (D’Arcy) D’Arcy, *Monogr. Syst. Bot. Missouri Bot. Gard.* 18: 534 (D’Arcy 1987).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Grenand 1902*.

SIZE. — Up to 15 m tall (Schneider & Zizka 2012).

[1357] *Quiina guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 19 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

VERNACULAR NAMES. — Ka: wokunse • Wp: iwaka’i sili, waka’i sili • Nt: dyabatee, pikin busi suku • Br: quinarana.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000073181]).

INVENTORY DATA (FG). — 18 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.2$  cm.

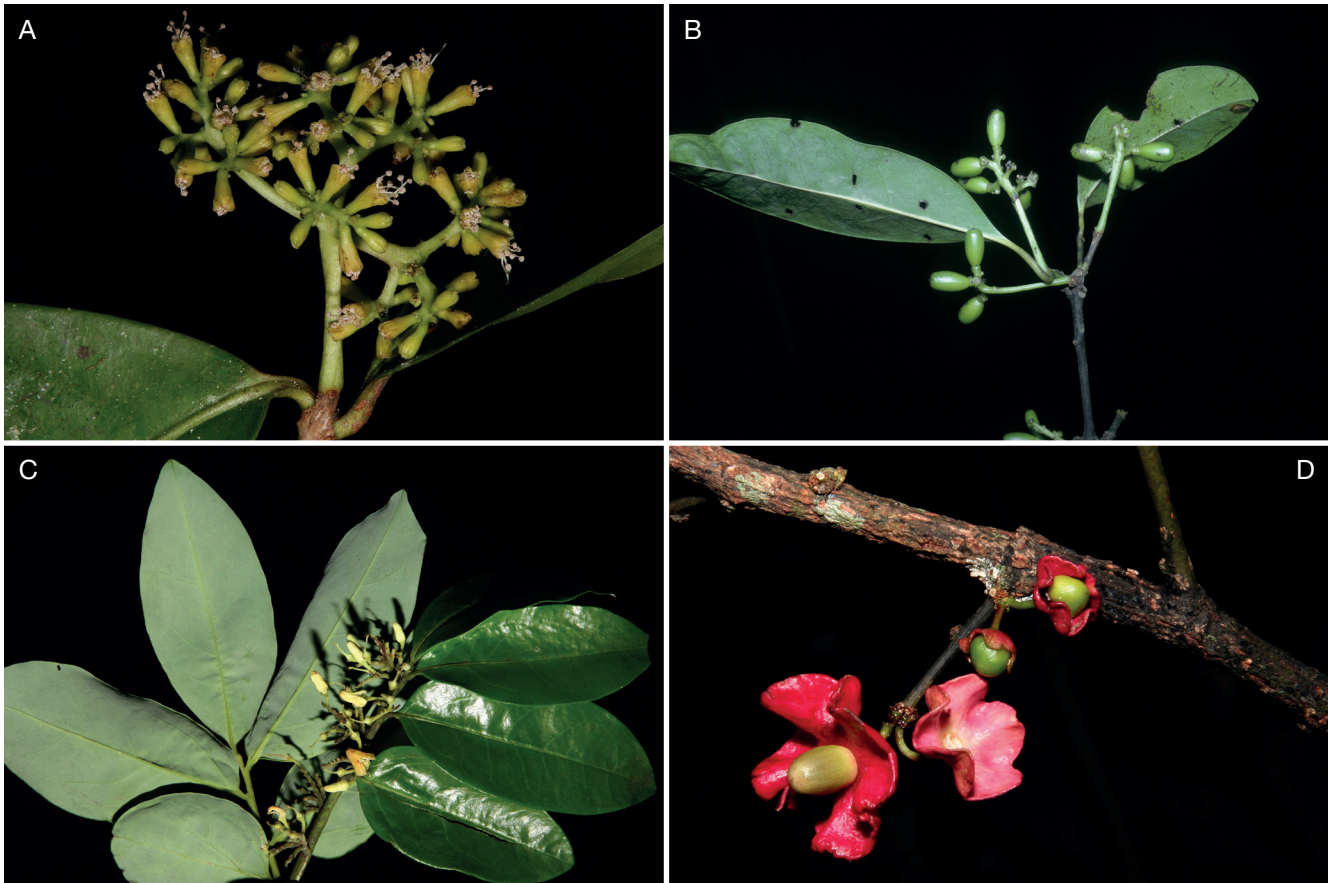


FIG. 43. — Nyctaginaceae: **A**, *Neea floribunda* Poepp. & Endl. (D. Sabatier & J.-F. Molino 5616); **B**, *Neea* sp. A (M.-F. Prévost & D. Sabatier 3385). Olacaceae: **C**, *Dulacia guianensis* (Engl.) Kuntze; **D**, *Heisteria ovata* Benth. (D. Sabatier & J.-F. Molino 5086). A, C, D, © D. Sabatier/IRD; B, © M.-F. Prévost/IRD.

[1358] *Quiina integrifolia* Pulle

*Recueil Trav. Bot. Néerl.* 9: 153 (Pulle 1912).

*Quiina rigidifolia* Pires, *Bol. Tècn. Inst. Agron. N.* 20: 45 (Pires 1950).

VERNACULAR NAMES. — Pa: yauknabui-puvemna • Br: quinarana.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 4977.

INVENTORY DATA (FG). — 58 trees in 35 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 26.3$  cm.

[1359] *Quiina leptoclada* Tul.

*Ann. Sci. Nat., Bot. sér.* 3, 11: 159 (Tulasne 1849).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: E.M. Mélinon 147, 1845 (holo-, P[P02441362]; iso-, K[K000328614], P[P00071950, P02441363]).

INVENTORY DATA (FG). — 5 trees in 4 plots;  $dbh_{\text{inv}} = 16.5$  cm.

[1360] *Quiina obovata* Tul.

*Ann. Sci. Nat., Bot. sér.* 3, 11: 157 (Tulasne 1849).

*Quiina decaisneana* Planch. & Triana, *Ann. Sci. Nat., Bot. sér.* 4, 15: 315 (Planchon & Triana 1861).

*Quiina albiflora* A.C.Sm., *Trop. Woods* 58: 30 (Smith 1939).

*Quiina oblanceolata* Sandwith, *Bull. Misc. Inform. Kew* 1939 (10): 546 [“1939” publ. 6 Jan. 1940] (Sandwith 1940).

VERNACULAR NAMES. — Pa: kwatri-wašiuñó-purubumna • Ka: wok-unse • Wp: iwaka'i, waka'i, waka'i u • Nt: dyabatee • Br: quinarana.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: J. Martin s.n. (holo-, P[P00071947]; iso-, B[B 10 0294392], K[K000328613], P[P02441367, P02441368], SI[SI004194], U[U0282664]).

INVENTORY DATA (FG). — 61 trees in 49 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.9$  cm.

[1361] *Quiina oiapocensis* Pires

*Bol. Tècn. Inst. Agron. N.* 38: 32 (Pires 1960).

VERNACULAR NAMES. — Pa: kwatri-duwê • Br: quinarana.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: D. Sabatier 1541.

INVENTORY DATA (FG). — 40 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.



FIG. 44. — Ochnaceae: **A**, *Elvasia macrostipularis* Sastre & Lescure (J.-F. Molino & D. Sabatier 2099); **B**, *Lacunaria crenata* (Tul.) A.C.Sm. (D. Sabatier *et al.* 4805); **C**, *Ouratea scottii* Sastre (D. Sabatier & J.-F. Molino 5071); **D**, *Quiina* sp. A (D. Sabatier & J.-F. Molino 5197). © D. Sabatier/IRD.

[1362] *Quiina pteridophylla* (Radlk.) Pires

*Bol. Técn. Inst. Agron. N.* 20: 48 (Pires 1950). — *Touroulia pteridophylla* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 19: 218 (Radlkofer 1889).

*Quiina acutangula* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 143 (Ducke 1925).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: S.A. Mori *et al.* 23207.

SIZE. — Up to 12 m tall (Schneider & Zizka 2004).

[1363] *Quiina sessilis* Choisy ex Planch. & Triana

*Ann. Sci. Nat., Bot. sér.* 4, 15: 312 (Planchon & Triana 1861).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: kwatri-wašiunó, kwatri-wašiunó-duwē.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: J.-B. Patris *s.n.* (holo-, G[G00389893]; iso-, G[G00389894]; possible iso-, MPU[MPU014417]).

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.7$  cm.

[1364] *Quiina yatuensis* J.V.Schneid. & Zizka

*Novon* 7 (4): 406 [“1997” publ. 1998] (Schneider & Zizka 1998).

HERBARIUM DATA (FG). — A single collection, M.-F. Prévost & D. Sabatier 4623,  $dbh = 12.9$  cm.

[1365] *Quiina* sp. A  
(Fig. 44D)

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: J.-F. Molino & D. Sabatier 2661.

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.3$  cm.

Genus *Touroulia* Aubl.[1366] *Touroulia guianensis* Aubl.

*Hist. Pl. Guiane* 1: 492 [Jun.-Dec. 1775] (Aublet 1775), “*Guyanensis*” on plate. — *Robinsonia guianensis* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 796 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Touroulia guianensis*). — *Robinsonia melianthifolia* Willd., *Sp. Pl.*, ed. 4 2 (2): 999 [Dec. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Touroulia guianensis*). — *Touroulia solitaria* Stokes, *Bot. Mat. Med.* 3: 105 (Stokes 1812), “*Tourolia*”, *nom. illeg. superfl.* (based on *Robinsonia melianthifolia*).

VERNACULAR NAMES. — Pa: yit-âra • Wp: wila taiwa • Nt: yooka wiwii • Cr: bwa-flanbo.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P[P00114408] designated by Zizka & Schneider [1999: 232]).

INVENTORY DATA (FG). — 44 trees in 31 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 26.9$  cm.

Family OLACACEAE R.Br.  
Genus *Cathedra* Miers[1367] *Cathedra acuminata* (Benth.) Miers

*Ann. Mag. Nat. Hist.*, ser. 3, 4: 361 (Miers 1859). — *Diplocrater acuminatus* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 367 (Bentham 1851).

*Cathedra crassifolia* Benth. ex Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 4: 361 (Miers 1859).

*Cathedra aestuaria* Sleumer, *Repert. Spec. Nov. Regni Veg.* 39: 279 (Sleumer 1936).

*Cathedra inaequilatera* Sleumer, *Repert. Spec. Nov. Regni Veg.* 39: 280 (Sleumer 1936).

*Cathedra oblonga* Sleumer, *Repert. Spec. Nov. Regni Veg.* 39: 280 (Sleumer 1936).

*Cathedra caurensis* Pittier, *Bol. Soc. Venez. Ci. Nat.* 6 (41): 5 [“1939” publ. 1940] (Pittier 1940).

*Cathedra guianensis* Sandwith, *Kew Bull.* 10 (3): 469 [20 Dec. 1955] (Sandwith 1955).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sibatier* 5778.

INVENTORY DATA (FG). — 14 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.8$  cm.

Genus *Chanochiton* Benth.[1368] *Chanochiton kappleri* (Sagot ex Engl.) Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 41 (Ducke 1922). — *Heisteria kappleri* Sagot ex Engl., *Fl. Bras. [Martius]* 12 (2): 14 [1 Dec. 1872] (Engler 1872). — *Sagotanthus kappleri* (Sagot ex Engl.) Dyer, *Index Kew. Suppl.* 2: 162 (Dyer 1904).

*Chanochiton breviflorum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 41 (Ducke 1922).

*Chanochiton purpurascens* Rizzini, *Dusenya* 1 (5): 289 (Rizzini 1950).

VERNACULAR NAMES. — Ka: aluku elepali, apesiya • Wp: wila pile lu • Nt: auman pisi, gawenti, tu pikin weko • Br: pau-vermelho.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *P.A. Sagot* 1198, 1858 (holo-, P[P02441958]; iso-, B[B 10 0248312], BM[BM000839877], BR[BR0000005280810], GH[GH00035955], GOET[GOET008319], K[K000580931], L[L0038980], P[P02441959, P02441960, P02441961, P02441962, P02441963], S[S-R-2779], U[U0005296]).

INVENTORY DATA (FG). — 127 trees in 71 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 72.6$  cm.

Genus *Dulacia* Vell.[1369] *Dulacia guianensis* (Engl.) Kuntze  
(Fig. 43C)

*Revis. Gen. Pl.* 1: 111 [5 Nov. 1891] (Kuntze 1891). — *Liriosma guianensis* Engl., *Fl. Bras. [Martius]* 12 (2): 25 [1 Dec. 1872] (Engler 1872). — *Olax guianensis* (Engl.) Christenh. & Byng, *Global Fl.* 4: 143 [9 Feb. 2018] (Christenhusz & Byng 2018).

*Olax schomburgkii* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1177 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Liriosma cerifera* A.C.Sm., *Brittonia* 2 (2): 146 (Smith 1936).

NOTE. — According to Malécot & Nickrent (2008), *Dulacia* Vell. is possibly embedded in *Olax* L.

VERNACULAR NAMES. — Pa: balata-kamwi.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.-F. Molino et al.* 2108.

INVENTORY DATA (FG). — 18 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

Genus *Heisteria* Jacq.[1370] *Heisteria barbata* Cuatrec.

*Trop. Woods* 101: 26 (Cuatrecasas 1955).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sibatier* & *M.-F. Prévost* 5403.

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.2$  cm.

[1371] *Heisteria densifrons* Engl.

*Fl. Bras. [Martius]* 12 (2): 17 [1 Dec. 1872] (Engler 1872).

*Heisteria microcarpa* Spruce ex Engl., *Fl. Bras. [Martius]* 12 (2): 21 [1 Dec. 1872] (Engler 1872).

*Heisteria microcalyx* Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 11: 159 (Sagot 1881).

*Heisteria sessilis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 8 (Ducke 1925).

*Heisteria parvicalyx* A.C.Sm., *Brittonia* 2 (2): 147 (Smith 1936).

VERNACULAR NAMES. — Pa: pun-kamwi, sitru-kamwi • Wp: wila munuwi • Wn: mekuluimë, mulekju • Cr: bwa-pedri • Br: cafezinho.

HERBARIUM DATA (FG). — 137 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holotype of *Heisteria microcalyx*: P[P02441925]; iso-, L[L0038998], P[P02441926]).

INVENTORY DATA (FG). — 71 trees in 51 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[1372] *Heisteria ovata* Benth.  
(Fig. 43D)

*Hooker's J. Bot. Kew Gard. Misc.* 3: 366 (Bentham 1851).

*Heisteria subsessilis* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 367 (Bentham 1851).

*Heisteria nitida* Engl., *Fl. Bras. [Martius]* 12 (2): 18 [1 Dec. 1872] (Engler 1872).

*Heisteria flexuosa* Engl., *Fl. Bras. [Martius]* 12 (2): 21 [1 Dec. 1872] (Engler 1872).

*Heisteria rubricalyx* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 337 ["1894-96" publ. Dec. 1895] (Moore 1895).

*Heisteria micrantha* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 340 (Huber 1909).

*Heisteria vageleri* Burret, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 50 [1 June 1924] (Burret 1924).

*Heisteria krukovii* A.C.Sm., *Brittonia* 2 (2): 147 (Smith 1936).

*Heisteria surinamensis* Amshoff, *Recueil Trav. Bot. Néerl.* 34: 497 (Amshoff 1937).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5086*.

INVENTORY DATA (FG). — 12 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.8$  cm.

Genus *Minquartia* Aubl.

[1373] *Minquartia guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 4 [Jun.-Dec. 1775] (Aublet 1775), "Guyannensis" on plate.

*Secretania loranthacea* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 228 [late Aug. 1866] (Müller 1866).

*Endusa punctata* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 16: 313 (Radlkofer 1886). — *Minquartia punctata* (Radlk.) Sleumer, *Repert. Spec. Nov. Regni Veg.* 39: 282 (Sleumer 1936).

*Eganthus poeppigii* Tiegh., *J. Bot. [Morot]* 13: 77 (Tieghem 1899).

*Minquartia macrophylla* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 33 [Sep. 1935] (Ducke 1935).

*Minquartia parvifolia* A.C.Sm., *Brittonia* 2 (2): 149 (Smith 1936).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: mekwa, yawu • Ka: alataweli, iwiiyu, wiyu • Te: iwidju • Wp: wakali'i • Wn: kunawa • Nt: alata udu • Cr: mékwa • Fr: mincouart • Br: acariquara, acariúba.

HERBARIUM DATA (FG). — 71 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000028175]).

INVENTORY DATA (FG). — 373 trees in 143 plots;  $F_{\max} = 4.4\%$ ;  $dbh_{\text{inv}} = 112.4$  cm.

Genus *Ptychopetalum* Benth.

[1374] *Ptychopetalum olacoides* Benth.

*London J. Bot.* 2: 377 (Bentham 1843).

VERNACULAR NAMES. — Pa: aneku, aneku-kamwi • Te: wilapilátá • Wp: wila pilatá, wila tai • Cr: bwa-bandé • Fr: bois bandé • Br: marapuama, muira-puama.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *J. Martin s.n.* (type K[K000581314]).

INVENTORY DATA (FG). — 138 trees in 46 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 33.7$  cm.

Genus *Ximenia* Plum. ex L.

[1375] *Ximenia americana* L.

*Sp. Pl.* 2: 1193 [1 May 1753] (Linnaeus 1753). — *Ximenia spinosa* Salisb., *Prodr. Stirp. Chap. Allerton*: 276 [Nov.-Dec. 1796] (Salisbury 1796), *nom. illeg. superfl.* (based on *Ximenia americana*). — *Ximenia montana* Macfad., *Fl. Jamaica [Macfadyen]* 1: 121 (Macfadyen 1837), *nom. illeg. superfl.* (based on *Ximenia americana* and *X. multiflora*).

*Amyris arborescens* P.Browne, *Civ. Nat. Hist. Jamaica.*: 209 (Browne 1756). — *Ximenia inermis* L., *Sp. Pl.*, ed. 2, 1: 497 [Sep. 1762] (Linnaeus 1762), *nom. illeg. superfl.* (based on *Amyris arborescens*).

*Heymassoli inermis* Aubl., *Hist. Pl. Guiane* 1: 325 [Jun.-Dec. 1775] (Aublet 1775).

*Heymassoli spinosa* Aubl., *Hist. Pl. Guiane* 1: 324 [Jun.-Dec. 1775] (Aublet 1775). — *Ximenia americana* var. *oblonga* DC., *Prodr. [A. P. de Candolle]* 1: 533 [mid Jan. 1824] (Candolle 1824), *nom. illeg. superfl.* (based on *Heymassoli spinosa*).

*Pimecaria odorata* Raf., *Alsogr. Amer.*: 65 (Rafinesque 1838).

*Ximenia aculeata* Crantz, *Inst. Rei Herb.* 2: 381 (Crantz 1766).

*Ximenia americana* f. *inermis* (Aubl.) Engl., *Fl. Bras. [Martius]* 12 (2): 9 [1 Dec. 1872] (Engler 1872).

*Ximenia americana* f. *inermis* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 337 ["1894-96" publ. Dec. 1895] (Moore 1895), *nom. illeg. hom., non* (Aubl.) Engl. (Engler 1872).

*Ximenia arborescens* Tussac ex Walp., *Repert. Bot. Syst. [Walpers]* 1 (2): 377 [18-20 Sep. 1842] (Walpers 1842).

*Ximenia elliptica* G.Forst., *Fl. Ins. Austr.* 27 [Oct.-Nov. 1786] (Forster 1786). — *Ximenia verrucosa* M.Roem., *Fam. Nat. Syn.*

*Monogr.* 1 (Hesperides): 23 (Roemer 1846), *nom. illeg. superfl.* (based on *Ximenia elliptica*).

*Ximenia fluminensis* M.Roem., *Fam. Nat. Syn. Monogr.* 1 (Hesperides): 22 (Roemer 1846).

*Ximenia laurina* Delile, *Ann. Sci. Nat., Bot. sér.* 2, 20: 89 (Delile 1843).

*Ximenia loranthifolia* Span., *Linnaea* 15: 177 (Spanoghe 1841), *nom. nud. pro syn.*

*Ximenia multiflora* Jacq., *Enum. Syst. Pl.*: 19 [Aug.-Sep. 1760] (Jacquin 1760). — *Ximenia americana* var. *ovata* DC., *Prodr. [A. P. de Candolle]* 1: 533 [mid Jan. 1824] (Candolle 1824), *nom. illeg. superfl.* (based on *Ximenia multiflora*).

*Ximenia oblonga* Lam. ex Hemsl., *Biol. Cent.-Amer., Bot.* 1 (3): 185 [Feb. 1879] (Hemsley 1879).

NOTES. — Restricted to coastal sandridges. *Ximenia americana* f. *inermis* S.Moore is not based on *Heymassoli inermis* Aubl.

VERNACULAR NAMES. — Ka: heymassoli (*fide* Aublet 1775) • Fr: citron de mer.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Heymassoli spinosa*: P-JU, P00671912)).

SIZE. — Up to 12 m tall (Hiepkco 1993).

Family OLEACEAE Hoffmanns. & Link  
Genus *Chionanthus* D.Royen

[1376] *Chionanthus guianensis* (Aubl.) Pers.

*Syn. Pl. [Persoon]* 1: 9 [1 Apr.-15 June 1805] (Persoon 1805). — *Mayepea guianensis* Aubl., *Hist. Pl. Guiane* 1: 81 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Chionanthus mayepea* Vahl, *Symb. Bot. [Vahl]* 2: 1 [Jul.-Dec. 1791] (Vahl 1791), *nom. illeg. superfl.* (based on *Mayepea guianensis*). — *Chionanthus tetrandrus* Vahl, *Enum. Pl. [Vahl]* 1: 45 [Jul.-Dec. 1804] (Vahl 1804), “*tetrandra*”, *nom. illeg. superfl.* (based on *Mayepea guianensis*).

*Linociera tetrandra* R.Br., *Prodr. Fl. Nov. Holland.* 523 [27 Mar. 1810] (Brown 1810), *nom. inval.* (genus name and epithet not associated).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777522] designated by Lanjouw & Uitten [1940: 153]).

SIZE. — Aublet (1775): “Son tronc a [...] environ cinq pouces de diamètre”, i.e. *c.* 12.5 cm diameter.

Family OPILIACEAE Valetton  
Genus *Agonandra* Miers ex Benth.

[1377] *Agonandra silvatica* Ducke  
(Fig. 45A)

*Arch. Jard. Bot. Rio de Janeiro* 3: 41 (Ducke 1922).

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2341.

INVENTORY DATA (FG). — 33 trees in 24 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43.9$  cm.

Family PENTAPHYLACACEAE Engl.  
Genus *Ternstroemia* Mutis ex L.f.

[1378] *Ternstroemia delicatula* Choisy

*Mém. Soc. Phys. Genève* 14 (1): 106 (Choisy 1855).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material P[P00780885, P00780886, P00780887]).

INVENTORY DATA (FG). — 38 trees in 4 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 55.1$  cm.

[1379] *Ternstroemia dentata* (Aubl.) Sw.  
(Fig. 45B)

*Prodr. [Swartz]* 81 [20 Jun.-29 July 1788] (Swartz 1788). — *Taonabo dentata* Aubl., *Hist. Pl. Guiane* 1: 569 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Ka: palipyali, pipi • Wp: walatiwá sili • Wn: maipuli apepiton.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000041973]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.3$  cm.

[1380] *Ternstroemia punctata* (Aubl.) Sw.

*Prodr. [Swartz]* 81 [20 Jun.-29 July 1788] (Swartz 1788). — *Taonabo punctata* Aubl., *Hist. Pl. Guiane* 1: 571 [Jun.-Dec. 1775] (Aublet 1775).

*Ternstroemia revoluta* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 99 [Aug.-Sep. 1842] (Splitgerber 1842).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000041974]).

SIZE. — Aublet (1775, 1: 571) wrote: “Cette espèce de palétuvier qui s’élève aussi haut que le précédent, et qui en a le port [...]”, i.e. similar in height and habit to the preceding. The preceding is *Taonabo dentata* Aubl., which is said to have a trunk “deux pieds de diamètre”, i.e. *c.* 60 cm diameter.

Family PERACEAE Klotzsch  
Genus *Chaetocarpus* Thwaites

[1381] *Chaetocarpus schomburgkianus*  
(Kuntze) Pax & K.Hoffm.

*Pflanzenr. [Engler]* IV.147.IV (Heft 52): 10 [13 Feb. 1912] (Pax & Hoffmann 1912). — *Gaedawakka schomburgkiana* Kuntze, *Revis. Gen. Pl.* 2: 606 [5 Nov. 1891] (Kuntze 1891).

*Drypetes spruceana* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 454 [late Aug. 1866] (Müller 1866).

*Discocarpus mazarunensis* Croizat, *Bull. Torrey Bot. Club* 75 (4): 400 [Jul.-Aug. 1948] (Croizat 1948).

*Drypetes maguireana* Monach., *Phytologia* 3 (1): 33 [30 Aug. 1948] (Monachino 1948).

*Chaetocarpus williamsii* Steyer., *Fieldiana, Bot.* 28 (2): 306 (Steyermark 1952).

VERNACULAR NAMES. — Ka: kusali yepo, wiyekane • Nt: sipiki udu.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *D. Sabatier* 2329.

INVENTORY DATA (FG). — 386 trees in 123 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 76$  cm.

[1382] *Chaetocarpus* sp. A

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *R. Benoist* 539 (P[P05479470]).

INVENTORY DATA (FG). — 80 trees in 29 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 82$  cm.

Genus *Pera* Mutis

[1383] *Pera bicolor* (Klotzsch) Müll.Arg.

*Prodr. [A. P. de Candolle]* 15 (2.2): 1028 [late Aug. 1866] (Müller 1866). — *Peridium bicolor* Klotzsch, *London J. Bot.* 2: 44 (Klotzsch 1843).

*Peridium schomburgkii* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1089 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Peridium schomburgkianum* Klotzsch ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 6: 323 (Bentham 1854), in obs. — *Pera schomburgkiana* (Klotzsch ex Benth.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1027 [late Aug. 1866] (Müller 1866).

VERNACULAR NAMES. — Ka: boko.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Loubry* 55.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.5$  cm.

[1384] *Pera glabrata* (Schott) Poepp. ex Baill.

*Étude Euphorb.*: 434 (Baillon 1858). — *Peridium glabratum* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 410 [Jan.-June 1827] (Schott 1827).

*Peridium ferrugineum* Schott, *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 410 [Jan.-June 1827] (Schott 1827). — *Pera ferruginea* (Schott) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 1031 [late Aug. 1866] (Müller 1866).

*Peridium oblongifolium* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 243 (Bentham 1850).

NOTE. — “*Pera arborea* Baill.”, listed in IPNI and Tropicos, does not exist. Baillon (*Adansonia [Baillon]* 5: 224 [Baillon 1865]) misinterpreted *P. arborea* Mutis, to which he explicitly referred.

VERNACULAR NAMES. — Ka: pilityalapo, woko popi.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *M.-F. Prévost* 649.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

Genus *Pogonophora* Miers ex Benth.

[1385] *Pogonophora schomburgkiana* Miers ex Benth. (Fig. 45C)

*Hooker's J. Bot. Kew Gard. Misc.* 6: 373 (Bentham 1854).

*Pogonophora schomburgkiana* var. *longifolia* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 6: 373 (Bentham 1854).

*Pogonophora schomburgkiana* f. *elliptica* Pax, *Pflanzenr. [Engler]* IV.147.III (Heft 47): 108 [14 Feb. 1911] (Pax 1911).

*Poraresia anomala* Gleason, *Bull. Torrey Bot. Club* 58 (6): 385 [June 1931] (Gleason 1931).

VERNACULAR NAMES. — Ka: tapilen pipyo, tikilin wewe • Nt: geli udu • Br: amarelinho, miaoá.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *D. Sabatier* 3556.

INVENTORY DATA (FG). — 1054 trees in 100 plots;  $F_{\max} = 8.8\%$ ;  $dbh_{\text{inv}} = 38.2$  cm.

Family PHYLLANTHACEAE Martinov  
Genus *Amanoa* Aubl.

[1386] *Amanoa congesta* W.J. Hayden

*Brittonia* 42 (4): 261 (Hayden 1990).

VERNACULAR NAMES. — Wp: wila tí.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *M.-F. Prévost* 3768.

INVENTORY DATA (FG). — 16 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.7$  cm.

[1387] *Amanoa grandiflora* (Müll.Arg.) Müll.Arg. (Fig. 46A)

*Flora* 55: 2 (Müller 1872). — *Amanoa guianensis* var. *grandiflora* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 910 [late Aug. 1866] (Müller 1866).

*Amanoa potamophila* Croizat, *Amer. Midl. Naturalist* 29 (2): 475 [5 Apr. 1943] (Croizat 1943).

*Amanoa macrocarpa* Cuatrec., *Brittonia* 11: 164 (Cuatrecasas 1959).

NOTES. — Hayden (1990) showed that the Aublet collections, which could have served as the type of *Amanoa guianensis* Aubl., actually belong to two distinct species. One is known only from a few specimens from French Guiana, Amapá and Suriname; the other is widespread from Central America to northern South America (Hayden 1990). He therefore selected among these specimens a lectotype (W[W-1889-0012576]; isolectotypes G[not seen], F[V0055866F], A[not seen], MO[not seen]) which corresponds to the current usage of Aublet's name, that is to the widespread species, and described a new species, *Amanoa neglecta* W.J.Hayden, based on the second entity found in Aublet collections (holo-, P-JJR[P00777979], iso-, BM[BM000645699]) (Hayden 1990). This was a laudable choice to preserve the current usage of the name *A. guianensis*, but unfortunately Hayden (1990) overlooked the previous lectotypification of *A. guianensis* Aubl. by Lanjou & Uittien (1940: 148), who designated the P-JJR specimen. Given the anteriority of this lectotypification (Delprete 2015), there is no choice but to change the name of the most widespread taxon, and to adopt the oldest available name, *Amanoa grandiflora* (Müll.Arg.) Müll.Arg.

VERNACULAR NAMES. — Ka: kuata mopeli • Wp: wila tĩ.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (W[W-1889-0012576], F[V0055866F]).

INVENTORY DATA (FG). — 31 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 66.8$  cm.

[1388] *Amanoa guianensis* Aubl.

*Hist. Pl. Guiane* 1: 256 [Jun.-Dec. 1775] (Aublet 1775). — *Amanoa neglecta* W.J.Hayden, *Brittonia* 42 (4): 267 (Hayden 1990), *nom. illeg. superfl.* (based on the lectotype of *A. guianensis*).

NOTES. — Known only from the Guiana Shield. As stated above [see notes under *Amanoa grandiflora* (Müll.Arg.) Müll.Arg.], the lectotypification of *A. guianensis* Aubl. by Lanjou & Uittien (1940: 148) predates that by Hayden (1990). As a consequence, *A. neglecta* W.J.Hayden, which is based on the lectotype of *A. guianensis*, is an illegitimate superfluous name.

HERBARIUM DATA (FG). — 2 collections known from FG, none at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777979]) designated by Lanjou & Uittien [1940: 148]).

SIZE. — Brazil, Amapá. *N.A. Rosa & M.R. dos Santos 1834* (MO), 20 m × 48 cm (“1,50 m de circunferencia”).

Genus *Hieronyma* Allemão

[1389] *Hieronyma alchorneoides* Allemão

*Hieronima alchorneoides* [shortly after 30 Apr. 1848] (Allemão 1848), “*Hyeronima*”.

*Stilaginella amazonica* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 241 (Tulasne 1851).

*Stilaginella laxiflora* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 244 (Tulasne 1851). — *Hieronyma laxiflora* (Tul.) Müll.Arg., *Linnaea* 34 (1): 67 [pre-Mar. 1865] (Müller 1865).

*Stilaginella ferruginea* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 250 (Tulasne 1851). — *Hieronyma ferruginea* (Tul.) Tul., *Fl. Bras. [Martius]* 4 (1): 334 [15 Feb. 1861] (Tulasne 1861).

*Hieronyma mollis* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 269 [late Aug. 1866] (Müller 1866).

*Hieronyma caribaea* Urb., *Repert. Spec. Nov. Regni Veg.* 16: 139 [15 Nov. 1919] (Urban 1919).

*Hieronyma heterotricha* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147. XV (Heft 81): 39 [19 Sep. 1922] (Pax & Hoffmann 1922).

*Hieronyma mattogrossensis* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XV (Heft 81): 39 [19 Sep. 1922] (Pax & Hoffmann 1922).

*Hieronyma chocoensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 7: 52 [Dec. 1946] (Cuatrecasas 1946).

*Hieronyma tectissima* Standl. & L.O.Williams, *Rain Forests Golfo Dulce*: 222 (Standley & Williams 1956), *nom. nud.*

*Hieronyma ovatifolia* Lundell, *Wrightia* 4 (4): 134 (Lundell 1970).

*Hieronyma alchorneoides* var. *stipulosa* P.Franco, *Bot. Jahrb. Syst.* 111 (3): 321 [27 Apr. 1990] (Franco 1990).

VERNACULAR NAMES. — Pa: waikwavia • Ka: ako, kasili wewe, tapilen katulimya, tokolo enulu • Wp: minua'i • Wn: okomë oki, palulumilĩ • Nt: win udu • Cr: bwa-diven • Br: aricurqua, muira-gonçalo, urucurana.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2703*.

INVENTORY DATA (FG). — 21 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63.8$  cm.

[1390] *Hieronyma oblonga* (Tul.) Müll.Arg.

*Linnaea* 34 (1): 66 [pre-Mar. 1865] (Müller 1865). — *Stilaginella oblonga* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 248 (Tulasne 1851).

*Stilaginella benthamii* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 247 (Tulasne 1851). — *Hieronyma oblonga* var. *benthamii* (Tul.) Müll.Arg., *Linnaea* 34 (1): 66 [pre-Mar. 1865] (Müller 1865).

*Stilaginella blanchetiana* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 15: 249 (Tulasne 1851). — *Hieronyma blanchetiana* (Tul.) Tul., *Fl. Bras. [Martius]* 4 (1): 333 [15 Feb. 1861] (Tulasne 1861). — *Hieronyma oblonga* var. *blanchetiana* (Tul.) Müll.Arg., *Linnaea* 34 (1): 66 [pre-Mar. 1865] (Müller 1865).

*Hieronyma oblonga* var. *obtusata* Müll.Arg., *Linnaea* 34 (1): 66 [pre-Mar. 1865] (Müller 1865).

*Hieronyma guatemalensis* Donn.Sm., *Bot. Gaz.* 54 (3): 241 [21 Sep. 1912] (Donnell Smith 1912).

*Hieronyma andina* Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XV (Heft 81): 37 [19 Sep. 1922] (Pax & Hoffmann 1922).

*Hieronyma poasana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 18 (2): 611 [20 Oct. 1937] (Standley 1937).

*Hieronyma oblonga* var. *crassifolia* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 300 [Dec. 1951] (Cuatrecasas 1951).

*Hieronyma oblonga* var. *nervata* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 301 [Dec. 1951] (Cuatrecasas 1951).

*Hieronyma oblonga* f. *glabra* Steyermark., *Fieldiana, Bot.* 28 (4): 951 (Steyermark 1957).



*Hieronyma gentlei* Lundell, *Wrightia* 5 (7): 248 (Lundell 1976).

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: B. Riéra & D. Sabatier 1925.

INVENTORY DATA (FG). — 32 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 169.7$  cm.

Genus *Margaritaria* L.f.

[1391] *Margaritaria nobilis* L.f.  
(Fig. 46B)

*Suppl. Pl.*: 428 [“1781” publ. Apr. 1782] (Linnaeus 1782). — *Phyllanthus nobilis* (L.f.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 414 [late Aug. 1866] (Müller 1866).

*Cicca antillana* A.Juss., *Euphorb. Gen.* 108 [21 Feb. 1824] (Jussieu 1824). — *Phyllanthus antillanus* (A.Juss.) Müll.Arg., *Linnaea* 32: 51 (Müller 1863). — *Phyllanthus nobilis* var. *antillanus* (A.Juss.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 415 [late Aug. 1866] (Müller 1866). — *Diasperus antillanus* (A.Juss.) Kuntze, *Revis. Gen. Pl.* 2: 597 [5 Nov. 1891] (Kuntze 1891). — *Margaritaria nobilis* var. *antillana* (A.Juss.) Stehlé & Quentin, *Fl. Guadeloupe [Stehlé]* 2 (1): 47 [May 1938] (Stehlé & Quentin 1938).

*Cicca surinamensis* Miq., *Linnaea* 21: 479 (Miquel 1848).

*Cicca pavoniana* Baill., *Étude Euphorb.* 618 (Baillon 1858). — *Phyllanthus nobilis* var. *pavonianus* (Baill.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 415 [late Aug. 1866] (Müller 1866).

*Margaritaria adelioides* Rich. ex Baill., *Étude Euphorb.* 618 (Baillon 1858), *nom. nud.*

*Cicca antillana* var. *pedicellaris* Griseb., *Pl. Wright. [Grisebach]* 1: 158 [Dec. 1860] (Grisebach 1860).

*Phyllanthus antillanus* var. *pedicellaris* Müll.Arg., *Linnaea* 32: 51 (Müller 1863).

*Phyllanthus nobilis* var. *guyanensis* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 414 [late Aug. 1866] (Müller 1866).

*Phyllanthus nobilis* var. *peruvianus* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 414 [late Aug. 1866] (Müller 1866).

*Phyllanthus nobilis* var. *brasiliensis* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 415 [late Aug. 1866] (Müller 1866).

*Phyllanthus nobilis* var. *riedelianus* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 415 [late Aug. 1866] (Müller 1866).

*Phyllanthus nobilis* var. *martii* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 70 [1 Feb. 1873] (Müller 1873).

*Phyllanthus nobilis* var. *panamensis* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 70 [1 Feb. 1873] (Müller 1873).

*Phyllanthus nobilis* var. *hypomalacus* Standl., *Publ. Carnegie Inst. Wash.* 461: 68 (Standley 1935). — *Phyllanthus antillanus* var. *hypomalacus* (Standl.) Lundell, *Phytologia* 1 (10): 337 [27 Nov. 1939] (Lundell 1939). — *Margaritaria nobilis* var. *hypomalaca* (Standl.) Dugand, *Phytologia* 13 (6): 387 [19 Sep. 1966] (Dugand 1966).

VERNACULAR NAMES. — Br: cabelo-de-cotia, fruto-de-jacamin.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 4951.

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 37.5$  cm.

Genus *Phyllanthus* L.

[1392] *Phyllanthus attenuatus* Miq.

*Linnaea* 21: 479 (Miquel 1848).

*Meborea guianensis* Aubl., *Hist. Pl. Guiane* 2: 825 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Phyllanthus guianensis* (Aubl.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 376 [late Aug. 1866] (Müller 1866), *nom. illeg. hom., non Klotzsch* (1843). — *Diasperus guianensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 599 [5 Nov. 1891] (Kuntze 1891), “*guyanensis*”.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: D. Larpin 670.

SIZE. — Up to 12 m tall (Webster 2004).

[1393] *Phyllanthus juglandifolius* Willd.

*Enum. Pl. Suppl. [Willdenow]*: 64 [Jul.-Dec. 1814] (Willdenow 1814).

HERBARIUM DATA (FG). — A single collection, R.A.A. Oldeman B-3261.

SIZE. — Brazil, Amazonas. *G.T. Prance 10376* (MO), 15 m × 20 cm.

Genus *Richeria* Vahl

[1394] *Richeria grandis* Vahl

*Eclog. Amer.* 1: 29 (Vahl 1797).

*Amanoa divaricata* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 22 [15-21 Aug. 1841] (Poeppig 1841). — *Richeria grandis* var. *divaricata* (Poepp.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 467 [late Aug. 1866] (Müller 1866).

*Amanoa racemosa* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 23 [15-21 Aug. 1841] (Poeppig 1841). — *Richeria grandis* var. *racemosa* (Poepp.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 467 [late Aug. 1866] (Müller 1866). — *Richeria racemosa* (Poepp.) Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XV (Heft 81): 28 [19 Sep. 1922] (Pax & Hoffmann 1922).

*Guarania ramiflora* Wedd. ex Baill., *Étude Euphorb.*: 598 (Baillon 1858), *nom. nud.*

*Guarania laurifolia* Baill., *Adansonia [Baillon]* 5: 348 (Baillon 1865). — *Richeria laurifolia* (Baill.) Baill., *Adansonia [Baillon]* 6: 16 (Baillon 1865). — *Richeria grandis* var. *laurifolia* (Baill.) Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 468 [late Aug. 1866] (Müller 1866).

*Richeria grandis* var. *genuina* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 468 [late Aug. 1866] (Müller 1866), *nom. inval.* (Turland et al. 2018: Art. 24.3).

*Richeria grandis* var. *obovata* Müll.Arg., *Prodr. [A. P. de Candolle]* 15 (2.2): 468 [late Aug. 1866] (Müller 1866). — *Richeria obovata* (Müll.Arg.) Pax & K.Hoffm., *Pflanzenr. [Engler]* IV.147.XV (Heft 81): 29 [19 Sep. 1922] (Pax & Hoffmann 1922).

*Richeria australis* Müll.Arg., *Fl. Bras. [Martius]* 11 (2): 17 [1 Feb. 1873] (Müller 1873).

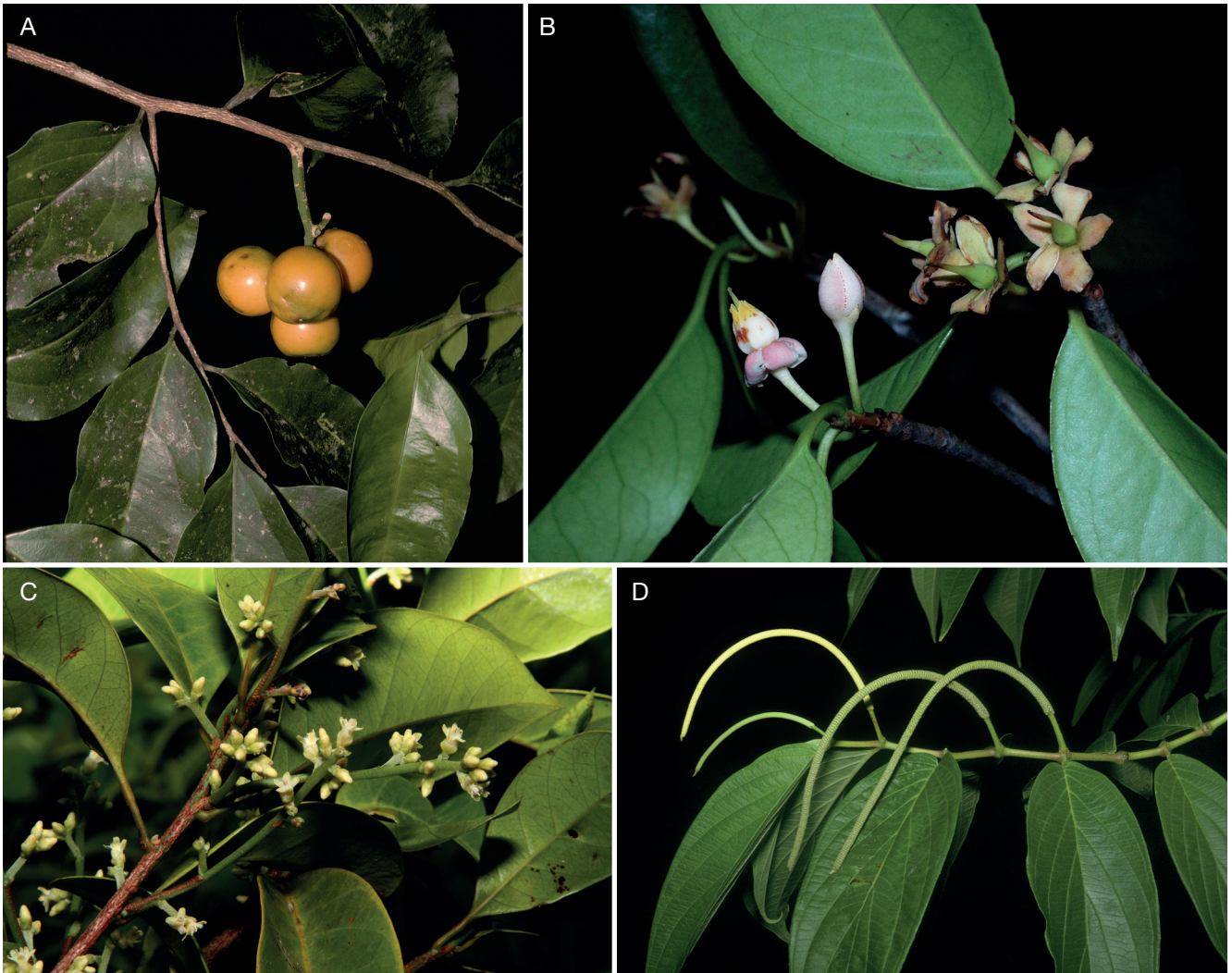


FIG. 45. — Opiliaceae: **A**, *Agonandra silvatica* Ducke (D. Sabatier & M.-F. Prévost 3065). Pentaphylacaceae: **B**, *Ternstroemia dentata* (Aubl.) Sw. Peraceae: **C**, *Pogonophora schomburgkiana* Miens ex Benth. (D. Sabatier & J.-F. Molino 4841). Piperaceae: **D**, *Piper aduncum* L. (M.-F. Prévost 4081). A-C, © D. Sabatier/IRD; D, © M.-F. Prévost/IRD.

*Richeria submembranacea* Steyerl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (5): 419 [27 May 1938] (Steyrmark 1938).

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: M.-F. Prévost 4262.

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63$  cm.

Family PICRAMNIACEAE Fernando & Quinn  
Genus *Picramnia* Sw.

[1395] *Picramnia guianensis* (Aubl.) Jans.-Jac.

*Fl. Suriname* 5 (1): 329 (Jansen-Jacobs 1979). — *Tariri guianensis* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 37 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Picramnia tariri* DC., *Prodr. [A. P. de Candolle]* 2: 66 [mid Nov. 1825] (Candolle 1825), *nom. illeg. superfl.* (based on *Tariri guianensis*).

VERNACULAR NAMES. — Pa: tarii, tarit • Ka: tariri (*vide* Aublet 1775) • Wp: paipayo namipay • Wn: talili • Br: caferana, tariri.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: J.B. Aublet s.n. (lecto-, P-JU, P00678733, here designated; isolectotypes *vide* Howard [1983: 287]; BM, P[not seen]).

SIZE. — Brazil, Pará. *N.T. Silva* 2389 (MO), 10 cm.

[1396] *Picramnia latifolia* Tul.

*Ann. Sci. Nat., Bot. sér.* 3, 7: 258 (Tulasne 1847).

*Picramnia longissima* Tul., *Ann. Sci. Nat., Bot. sér.* 3, 7: 257 (Tulasne 1847).

*Picramnia umbrosa* Seem., *Bot. Voy. Herald [Seemann]* 3: 97 [Nov. 1853] (Seemann 1853).

*Picramnia macrostachys* Klotzsch ex Engl., *Fl. Bras. [Martius]* 12 (2): 238 [1 Sep. 1874] (Engler 1874).

*Picramnia eosina* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 697 (Macbride 1949).

*Picramnia cooperi* D.M.Porter, *J. Arnold Arbor.* 54 (2): 317 [26 Apr. 1973] (Porter 1973).

VERNACULAR NAMES. — Wp: paipayo namipay • Br: caferana, tariri.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-4007*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10$  cm.

[1397] *Picramnia spruceana* Engl.

*Fl. Bras. [Martius]* 12 (2): 238 [1 Sep. 1874] (Engler 1874). — *Picramnia sellowii* Planch. subsp. *spruceana* (Engl.) Pirani, *Bol. Bot. Univ. São Paulo* 12: 132 [“1990” publ. 1991] (Pirani 1991).

*Picramnia tenuis* J.F.Macbr., *Candollea* 5: 375 (Macbride 1934).

*Picramnia krukovii* A.C.Sm., *Brittonia* 2 (2): 153 (Smith 1936).

VERNACULAR NAMES. — Wp: paipayo namipay • Br: caferana, tariri.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *P. Grenand 543*.

SIZE. — Up to 20 m tall (Pirani 2005).

Family PIPERACEAE Giseke  
Genus *Piper* L.

[1398] *Piper aduncum* L.  
(Fig. 45D)

*Sp. Pl.* 1: 29 [1 May 1753] (Linnaeus 1753). — *Artanthe adunca* (L.) Miq., *Comm. Phytogr.* 14 (2): 49 [16-21 Mar. 1840] (Miquel 1840). — *Steffensia adunca* (L.) Kunth, *Linnaea* 13: 633 [“1839” publ. Mar.-June 1840] (Kunth 1840).

*Piper angustifolium* Ruiz & Pav., *Flora Peruviana* 1: 38 (Ruiz & Pavón 1798), *nom. illeg. hom., non* Lam. (Lamarck 1791) [synonym of *P. consanguineum* (Kunth) Steud.]

*Piper elongatum* Vahl, *Enum. Pl. [Vahl]* 1: 312 [Jul.-Dec. 1804] (Vahl 1804). — *Steffensia elongata* (Vahl) Kunth, *Linnaea* 13: 637 [“1839” publ. Mar.-June 1840] (Kunth 1840). — *Artanthe elongata* (Vahl) Miq., *Syst. Piperac. [F.A.W. Miquel]*: 434 [“1843” publ. 4 Apr. 1844] (Miquel 1844).

*Piper celtidifolium* Kunth, *Nova genera et species plantarum [H.B.K.]* 1: 50 [29 Jan. 1816] (Kunth 1816). — *Steffensia celtidifolia* (Kunth) Kunth, *Linnaea* 13: 635 [“1839” publ. Mar.-June 1840] (Kunth 1840).

*Piper purpurascens* D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 119 [July 1839] (Dietrich 1839), *nom. illeg. hom., non* Desf. (Desfontaines 1829).

*Piper multinervium* M.Martens & Galeotti, *Bull. Acad. Roy. Sci. Bruxelles* 10: 130 (Martens & Galeotti 1843).

*Artanthe galleottii* Miq., *Syst. Piperac. [F.A.W. Miquel]*: 451 [“1843” publ. 4 Apr. 1844] (Miquel 1844).

*Artanthe adunca* f. *angustifolia* Miq., *London J. Bot.* 4: 456 (Miquel 1845). — *Artanthe celtidifolia* (Kunth) Miq., *Syst. Piperac. [F.A.W. Miquel]*: 452 [“1843” publ. 4 Apr. 1844] (Miquel 1844).

*Piper angustifolium* var. *cordulatum* C.DC., *Prodr. [A. P. de Candolle]* 16 (1): 286 [mid Nov. 1869] (Candolle 1869). — *Piper elongatum* var. *cordulatum* (C.DC.) C.DC., *Repert. Spec. Nov. Regni Veg.* 9: 230 (Candolle 1911). — *Piper aduncum* var. *cordulatum* (C.DC.) Yunck., *Lilloa* 27: 129 (Yuncker 1955).

*Piper pseudovelutinum* C.DC. var. *flavescens* C.DC., *Bull. Soc. Roy. Bot. Belgique* 30 (1): 203 [“1891” publ. 25 May 1892] (Candolle 1892), “*pseudo-velutinum*”. — *Piper flavescens* (C.DC.) Trel., *Contr. U.S. Natl. Herb.* 26 (4): 184 [31 Dec. 1929] (Trelease 1929).

*Piper kuntzei* C.DC. in Kuntze, *Revis. Gen. Pl.* 3 (3): 274 [28 Sep. 1898] (Candolle 1898).

*Piper guanaianum* C.DC., *Repert. Spec. Nov. Regni Veg.* 9: 232 (Candolle 1911).

*Piper herzogii* C.DC., *Meded. Rijks-Herb.* 27: 7 (Candolle 1915).

*Piper futoanum* C.DC., *Smithsonian Misc. Collect.* 71 (6): 7 [12 Feb. 1920] (Candolle 1920).

*Piper aduncum* var. *laevifolium* C.DC., *Smithsonian Misc. Collect.* 71 (6): 8 [12 Feb. 1920] (Candolle 1920). — *Piper elongatum* var. *laevifolium* (C.DC.) Trel., *Contr. U.S. Natl. Herb.* 26 (2): 37 [21 May 1927] (Trelease 1927).

*Piper cardenasii* Trel., *Mem. New York Bot. Gard.* 7: 223 (Trelease 1927).

*Piper elongatum* var. *brachyarthrum* Trel., *Contr. U.S. Natl. Herb.* 26 (2): 37 [21 May 1927] (Trelease 1927). — *Piper aduncum* var. *brachyarthrum* (Trel.) Yunck., *Ann. Missouri Bot. Gard.* 37: 32 [31 Mar. 1950] (Yuncker 1950).

*Piper nonconformans* Trel., *J. Wash. Acad. Sci.* 19: 334 (Trelease 1929).

*Piper disparispicum* Trel., *Contr. U.S. Natl. Herb.* 26 (4): 170 [31 Dec. 1929] (Trelease 1929).

*Piper aduncifolium* Trel., *Contr. U.S. Natl. Herb.* 26 (4): 171 [31 Dec. 1929] (Trelease 1929).

*Piper anguillispicum* Trel., *Contr. U.S. Natl. Herb.* 26 (4): 175 [31 Dec. 1929] (Trelease 1929), “*anguillaespicum*”.

*Piper oblanceolatum* Trel. var. *fragilicaule* Trel., *Contr. U.S. Natl. Herb.* 26 (4): 175 [31 Dec. 1929] (Trelease 1929).

*Piper submolle* Trel., *Contr. U.S. Natl. Herb.* 26 (4): 178 [31 Dec. 1929] (Trelease 1929).

*Piper multinervium* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 10: 160 (Trelease 1931), *nom. illeg. hom., non* M.Martens & Galeotti (1843).

*Piper stevensonii* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 12: 104 (Trelease 1936), *nom. inval. (anglice)*.

*Piper elongatifolium* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.1): 161 [10 June 1936] (Trelease 1936).

*Piper elongatum* var. *pampayacusum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.1): 162 [10 June 1936] (Trelease 1936).

*Piper lineatum* Ruiz & Pav. var. *hirtipetiolatum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.1): 184 [10 June 1936] (Trelease 1936).

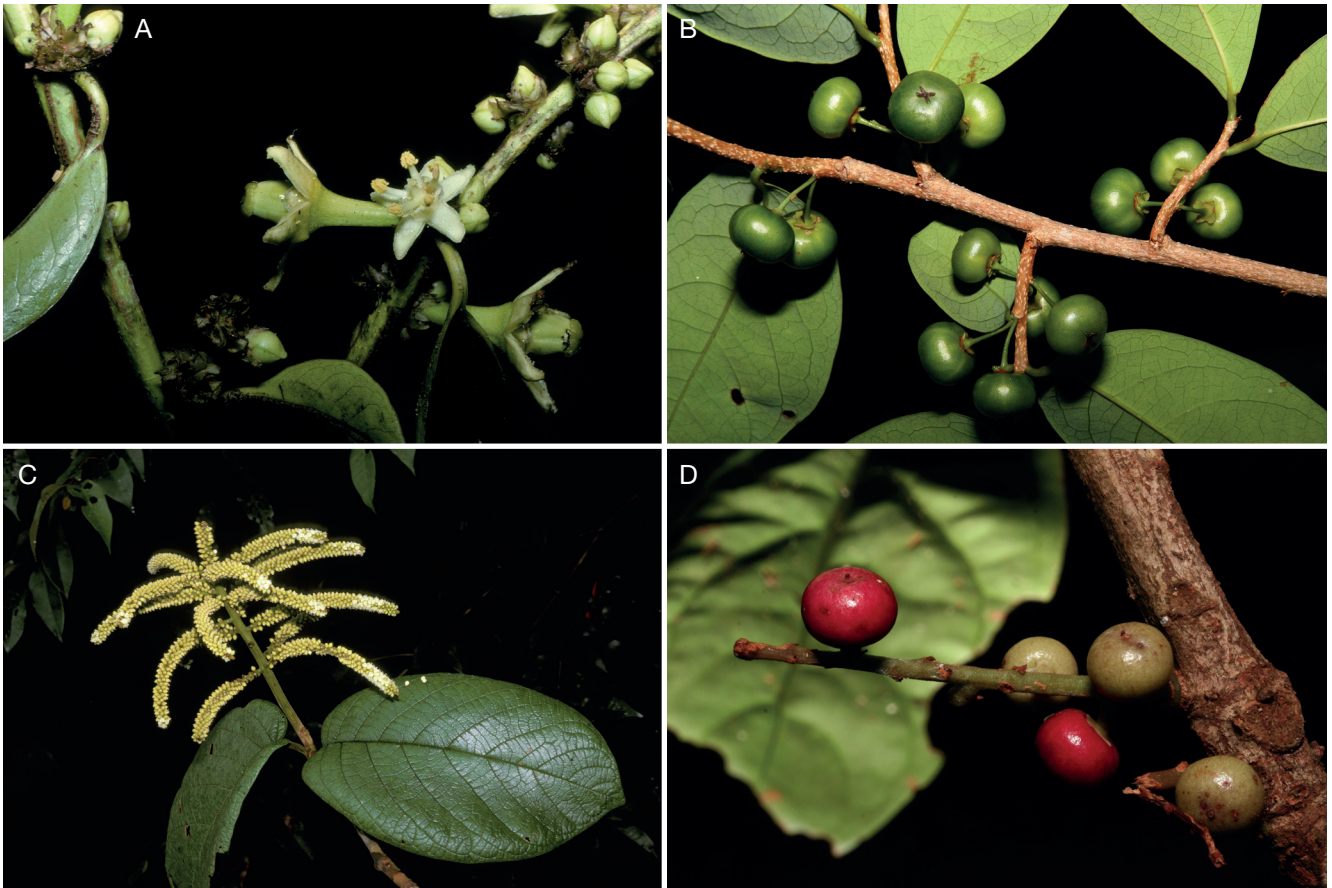


FIG. 46. — Phyllanthaceae: **A**, *Amanoa grandiflora* (Müll.Arg.) Müll.Arg. (D. Sabatier & M.-F. Prévost 3007); **B**, *Margaritaria nobilis* L.f. (D. Sabatier & J.-F. Molino 4951). Polygonaceae: **C**, *Coccoloba mollis* Casar. (M.-F. Prévost & D. Sabatier 3010). Primulaceae: **D**, *Cybianthus potiaei* (Mez) G.Agostini (D. Sabatier & J.-F. Molino 5545). © D. Sabatier/IRD.

*Piper cuatrecasii* Trel., *Trab. Mus. Nac. Ci. Nat., Ser. Bot.* 33: 48 [30 July 1936] (Trelease 1936), “Cuatrecasii”, *nom. inval. (anglice)*.

*Piper cumbricola* Trel., *Trab. Mus. Nac. Ci. Nat., Ser. Bot.* 33: 48 [30 July 1936] (Trelease 1936), *nom. inval. (anglice)*.

*Piper illudens* Trel., *Trab. Mus. Nac. Ci. Nat., Ser. Bot.* 33: 50 [30 July 1936] (Trelease 1936), *nom. inval. (anglice)*.

*Piper multinervium* var. *amplum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 347 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *cayoense* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 347 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *flavicans* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 348 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *hirsuticaule* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 348 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *kantelolense* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 348 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *paralense* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 348 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *peracutum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 349 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *productipes* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 349 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *protractifolium* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 349 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *puberulipedunculum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 349 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *pubescenticaule* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 350 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *skutchii* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 350 [31 Jan. 1938] (Trelease 1938), “Skutchii”.

*Piper multinervium* var. *tamashense* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 350 [31 Jan. 1938] (Trelease 1938).

*Piper multinervium* var. *telanum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (4): 350 [31 Jan. 1938] (Trelease 1938).

*Piper intersitum* Trel., *Caldasia* 1 (1): 86 (Trelease 1940).

*Piper intersitum* f. *porcicitense* Trel., *Caldasia* 1 (1): 87 (Trelease 1940).

*Piper reciprocum* Trel., *Ciencia (Mexico)* 2 (5): 207 [25 May 1941] (Trelease 1941).

VERNACULAR NAMES. — Wn: pëtpëjot • Nt: gaanman udu ana • Br: pimenta-longa.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *M.-F. Prévost* 3567.

SIZE. — Up to 10 m tall (Steiermark & Callejas-Posada 2003).

[1399] *Piper cernuum* Vell.

*Fl. Flumin.* 25 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829). — *Artanthe cernua* (Vell.) C.Presl, *Abh. Königl. Böhm. Ges. Wiss.*, ser. 5, 6: 585 (Presl 1851).

*Steffensia eximia* Kunth, *Linnaea* 13: 665 [“1839” publ. Mar.-June 1840] (Kunth 1840). — *Piper eximium* Kunth, *Linnaea* 13: 665 [“1839” publ. Mar.-June 1840] (Kunth 1840), *nom. nud. pro syn.* — *Artanthe eximia* (Kunth) Miq., *Syst. Piperac.* [F.A.W. Miquel]: 393 [“1843” publ. 4 Apr. 1844] (Miquel 1844). — *Piper obliquum* Ruiz & Pav. var. *eximium* (Kunth) C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 307 [mid Nov. 1869] (Candolle 1869).

*Steffensia coccoloboides* Kunth, *Linnaea* 13: 666 [“1839” publ. Mar.-June 1840] (Kunth 1840). — *Piper coccoloboides* Kunth, *Linnaea* 13: 666 [“1839” publ. Mar.-June 1840] (Kunth 1840), *nom. nud. pro syn.*

*Steffensia richardiifolia* Kunth, *Linnaea* 13: 668 [“1839” publ. Mar.-June 1840] (Kunth 1840), “*richardiaefolia*”. — *Piper richardiifolium* Kunth, *Linnaea* 13: 668 [“1839” publ. Mar.-June 1840] (Kunth 1840), “*richardiaefolium*”, *nom. nud. pro syn.* — *Artanthe richardiifolia* (Kunth) Miq., *Syst. Piperac.* [F.A.W. Miquel] 395 [“1843” publ. 4 Apr. 1844] (Miquel 1844), “*richardiaefolia*”.

*Artanthe spectabilis* Miq., *Linnaea* 20: 138 [17-18 May 1847] (Miquel 1847).

*Artanthe spectabilis* var. *glabrior* Miq., *Linnaea* 20: 139 [17-18 May 1847] (Miquel 1847).

*Piper bolivianum* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 280 [mid Nov. 1869] (Candolle 1869).

*Piper ovalifolium* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 305 [mid Nov. 1869] (Candolle 1869).

*Piper cabellense* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 306 [mid Nov. 1869] (Candolle 1869).

*Piper gigantifolium* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 306 [mid Nov. 1869] (Candolle 1869).

*Piper araguense* Trel. & Yunck., *Piperac. N. South Amer.* 1: 138 (Trelease & Yuncker 1950). — *Piper cernuum* var. *araguense* (Trel. & Yunck.) Steyermark., *Fl. Venez.* 2 (2): 372 (Steyermark 1984).

*Piper arbelaezii* Trel. & Yunck. var. *subglaberrimeum* Yunck., *Fiel-diana, Bot.* 28 (1): 204 (Yuncker 1951).

*Piper perlongispicum* Yunck., *Bol. Soc. Venez. Ci. Nat.* 23 (101): 89 (Yuncker 1962). — *Piper cernuum* var. *perlongispicum* (Yunck.) Steyermark., *Fl. Venez.* 2 (2): 372 (Steyermark 1984).

*Piper cernuum* var. *glabricaule* Yunck., *Bol. Inst. Bot. (São Paulo)* 3: 20 [23 Dec. 1966] (Yuncker 1966).

*Piper cernuum* var. *biformipilum* Yunck., *Bol. Inst. Bot. (São Paulo)* 3: 21 [23 Dec. 1966] (Yuncker 1966).

NOTES. — Kunth published simultaneously *Piper coccoloboides* and *Steffensia coccoloboides* (Kunth 1840: 666) as well as *P. eximium* and *S. eximia* (Kunth 1840: 665), and *P. richardiifolium* and *S. richar-*

*diifolia* (Kunth 1840: 668). As these names were published before 1953, all of them are valid; hence both *Artanthe eximia* (Kunth) Miq. and *A. richardiifolia* (Kunth) Miq. have alternative basionyms, respectively, *P. eximium* Kunth and *S. eximia* Kunth, and *P. richardiifolium* Kunth and *S. richardiifolia* Kunth.

VERNACULAR NAMES. — Wp: taiwĩ lenipĩ’á, yali taku’á sili.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville B-5436*.

SIZE. — Up to 12 m tall (Steiermark & Callejas-Posada 2003).

[1400] *Piper reticulatum* L.

*Sp. Pl.* 1: 29 [1 May 1753] (Linnaeus 1753). — *Enckea reticulata* (L.) Miq., *Syst. Piperac.* [F.A.W. Miquel]: 365 [“1843” publ. 4 Apr. 1844] (Miquel 1844). — *Discipiper reticulatum* (L.) Trel. & Stehlé, *Candollea* 10: 283 (Trelease & Stehlé 1946).

*Piper smilacifolium* Kunth, *Nova genera et species plantarum* [H.B.K.] 1: 56 [29 Jan. 1816] (Kunth 1816). — *Enckea smilacifolia* (Kunth) Kunth, *Linnaea* 13: 605 [“1839” publ. Mar.-June 1840] (Kunth 1840), “*Enckia*”.

*Piper latum* Kunth, *Nova genera et species plantarum* [H.B.K.] 1: 57 [29 Jan. 1816] (Kunth 1816). — *Enckea lata* (Kunth) Kunth, *Linnaea* 13: 606 [“1839” publ. Mar.-June 1840] (Kunth 1840), “*Enckia*”. — *Macropiper latum* (Kunth) C.Presl, *Abh. Königl. Böhm. Ges. Wiss.*, ser. 5, 6: 583 (Presl 1851).

*Artanthe ruiziana* Miq., *London J. Bot.* 4: 444 (Miquel 1845).

*Piper tarapotianum* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 246 [mid Nov. 1869] (Candolle 1869).

*Piper duchassaingii* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 251 [mid Nov. 1869] (Candolle 1869).

*Piper pangoense* C.D.C., *Prodr.* [A. P. de Candolle] 16 (1): 368 [mid Nov. 1869] (Candolle 1869).

*Piper discophorum* C.D.C., *Bull. Soc. Roy. Bot. Belgique* 30 (1): 201 [“1891” publ. 25 May 1892] (Candolle 1892).

*Piper reticulatum* var. *santarosanum* Trel., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.1): 223 [10 June 1936] (Trelease 1936), “*santa-rosanum*”.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *C. Feuillet* 616.

SIZE. — Up to 15 m tall (Görts van Rijn 2007).

Family POLYGONACEAE Juss.

Genus *Coccoloba* P.Browne

[1401] *Coccoloba latifolia* Poir.

*Encycl. [J. Lamarck et al.]* 6 (1): 61 [2 Oct. 1804] (Poirlet 1804). — *Uvifera latifolia* (Poir.) Kuntze, *Revis. Gen. Pl.* 2: 561 [5 Nov. 1891] (Kuntze 1891).

*Coccoloba rheifolia* Desf., *Tabl. École Bot.*, ed. 2, 46 (Desfontaines 1815).

*Coccoloba grandis* Benth., *London J. Bot.* 4: 624 (Bentham 1845).

VERNACULAR NAMES. — Ka: matula, patula • Br: cabeça-de-macaco.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *M.-F. Prévost 1579*.

SIZE. — Up to 15 m tall (Aymard C. & Howard 2004).

[1402] *Coccoloba mollis* Casar.  
(Fig. 46C)

*Nov. Stirp. Bras.* 8: 72 [June 1844] (Casaretto 1844). — *Coccoloba polystachya* var. *mollis* (Casar.) Meisn., *Prodr. [A. P. de Candolle]* 14 (1): 151 [mid Oct. 1856] (Meisner 1856).

*Coccoloba polystachya* Wedd., *Ann. Sci. Nat., Bot.* sér. 3, 13: 261 (Weddell 1849). — *Uvifera polystachya* (Wedd.) Kuntze, *Revis. Gen. Pl.* 2: 561 [5 Nov. 1891] (Kuntze 1891).

*Coccoloba paniculata* Meisn., *Fl. Bras. [Martius]* 5 (1): 43 [1 Jan. 1855] (Meisner 1855).

*Coccoloba polystachya* var. *glabra* Lindau, *Bot. Jahrb. Syst.* 13 (2): 133 [28 Oct. 1890] (Lindau 1890).

*Coccoloba polystachya* var. *pubescens* Lindau, *Bot. Jahrb. Syst.* 13 (2): 133 [28 Oct. 1890] (Lindau 1890).

*Coccoloba polystachya* var. *jamaicensis* Fawc. & Rendle, *J. Bot.* 51: 125 (Fawcett & Rendle 1913).

*Coccoloba dugandiana* A.Fernández, *Mutisia* 5: 1 (Fernández 1952).

*Coccoloba standleyana* P.H.Allen, *Rain Forests Golfo Dulce* 409 (Allen 1956).

VERNACULAR NAMES. — Pa: tivu-arigni • Ka: matula, patula • Nt: doon udu, doonudu.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3010*.

INVENTORY DATA (FG). — 53 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.4$  cm.

[1403] *Coccoloba uvifera* (L.) L.

*Syst. Nat.*, ed. 10, 2: 1007 [7 June 1759] (Linnaeus 1759). — *Polygonum uvifera* L., *Sp. Pl.* 1: 365 [1 May 1753] (Linnaeus 1753). — *Guaiabara uvifera* (L.) House, *Amer. Midl. Naturalist* 8: 64 (House 1922).

NOTE. — Restricted to coastal sandy beaches.

VERNACULAR NAMES. — Cr: rézen-bòdlanmé.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *H. de Foresta 760*.

SIZE. — Panama, Colón, 17 May 1974. *M.H. Nee 11694* (MO), 7 m × 25 cm.

Genus *Ruprechtia* C.A.Mey.

[1404] *Ruprechtia brachysepala* Meisn.

*Fl. Bras. [Martius]* 5 (1): 57 [1 Jan. 1855] (Meisner 1855). — *Magonia brachysepala* (Meisn.) Kuntze, *Revis. Gen. Pl.* 2: 553 [5 Nov. 1891] (Kuntze 1891).

*Ruprechtia amentacea* Meisn., *Fl. Bras. [Martius]* 5 (1): 56 [1 Jan. 1855] (Meisner 1855). — *Magonia amentacea* (Meisn.) Kuntze, *Revis. Gen. Pl.* 2: 553 [5 Nov. 1891] (Kuntze 1891).

*Ruprechtia latifolia* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 345 (Huber 1909).

*Ruprechtia marowynensis* Eyma, *Recueil Trav. Bot. Néerl.* 32: 224 (Eyma 1935).

*Ruprechtia nitida* Brandbyge, *Nordic J. Bot.* 10 (2): 158 (Brandbyge 1990).

VERNACULAR NAMES. — Nt: pindya.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3358*.

SIZE. — Up to 12 m tall (Pendry 2004).

Genus *Triplaris* Loefl.

[1405] *Triplaris americana* L.

*Syst. Nat.*, ed. 10, 2: 881 [7 June 1759] (Linnaeus 1759), “*americ.*”.

*Triplaris pyramidalis* Jacq., *Select. Stirp. Amer. Hist.* 13 [5 Jan. 1763] (Jacquin 1763).

*Triplaris brasiliiana* Cham., *Linnaea* 8: 139 (Chamisso 1833).

*Triplaris schomburgkiana* Benth., *London J. Bot.* 4: 628 (Bentham 1845).

*Triplaris felipensis* Wedd., *Ann. Sci. Nat., Bot.* sér. 3, 13: 263 (Weddell 1849).

*Triplaris noli-tangere* Wedd., *Ann. Sci. Nat., Bot.* sér. 3, 13: 264 (Weddell 1849).

*Ruprechtia martii* Meisn., *Fl. Bras. [Martius]* 5 (1): 58 [1 Jan. 1855] (Meisner 1855).

*Triplaris pavonii* Meisn., *Prodr. [A. P. de Candolle]* 14 (1): 172 [mid Oct. 1856] (Meisner 1856).

*Triplaris formicosa* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 444 [“1894-96” publ. Dec. 1895] (Moore 1895).

*Triplaris guanaiensis* Rusby, *Mem. Torrey Bot. Club* 6 (1): 111 (Rusby 1896).

*Triplaris estriata* Kuntze, *Revis. Gen. Pl.* 3 (3): 271 [28 Sep. 1898] (Kuntze 1898).

*Triplaris boliviana* Britton, *Bull. Torrey Bot. Club* 27 (3): 130 (Britton 1900).

*Triplaris euryphylla* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 239 [9 Sep. 1919] (Blake 1919).

*Triplaris laxa* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 240 [9 Sep. 1919] (Blake 1919).

*Triplaris williamsii* Rusby, *Mem. New York Bot. Gard.* 7: 235 (Rusby 1927).

HERBARIUM DATA (FG). — Not yet collected, but the presence of this very widespread species is expected.

SIZE. — Up to 27 m tall (Aymard C. & Howard 2004).

[1406] *Triplaris weigeltiana* (Rchb.) Kuntze

*Revis. Gen. Pl.* 3 (3): 270 [28 Sep. 1898] (Kuntze 1898). — *Blochmannia weigeltiana* Rchb., *Surinam Exsic. [Weigelt] s.n.* (Reichenbach 1828).

*Triplaris surinamensis* Cham., *Linnaea* 8: 138 (Chamisso 1833).

*Triplaris vahlia* Fisch. & C.A.Mey. ex C.A.Mey., *Mém. Acad. Imp. Sci. Saint-Petersbourg*, Sér. 6, *Sci. Math., Seconde Pt. Sci. Nat.* 6 (2, Bot.): 148 [Nov. 1840] (Meyer 1840).

*Triplaris surinamensis* var. *crassifolia* Benth., *London J. Bot.* 4: 628 (Bentham 1845).

*Triplaris martiana* Fisch. & C.A.Mey. ex C.A.Mey. var. *oblongifolia* Meisn., *Fl. Bras. [Martius]* 5 (1): 50 [1 Jan. 1855] (Meisner 1855).

*Triplaris surinamensis* var. *benthamiana* Meisn., *Fl. Bras. [Martius]* 5 (1): 50 [1 Jan. 1855] (Meisner 1855), “*Benthamiana*”.

*Triplaris surinamensis* var. *chamissoana* Meisn., *Fl. Bras. [Martius]* 5 (1): 50 [1 Jan. 1855] (Meisner 1855).

*Triplaris siphonopetala* H.Gross, *Bot. Jahrb. Syst.* 49 (2): 347 [14 Jan. 1913] (Gross 1913).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Weigelt’s *Surinam exciccatae* were sent to several herbaria in 1828, together with printed labels bearing full descriptions (Staffleu & Cowan 1988). Therefore, all requirements are met for the effective publication of *Blochmannia weigeltiana* Rchb. (see Turland *et al.* 2018: Art. 30.8, Ex. 13).

VERNACULAR NAMES. — Pa: á-wareuni • Ka: tasi • Wp: moyu tasi • Wn: mekulak, mukulap • Nt: doon udu, doonudu • Cr: bwa-fronmi • Br: taxi-preto-da-várzea, taxiseiro.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *M.-F. Prévost* 750.

INVENTORY DATA (FG). — 1 tree, dbh = 48 cm.

Family PRIMULACEAE Batsch ex Borkh.  
Genus *Cybianthus* Mart.

[1407] *Cybianthus amplus* (Mez) G.Agostini

*Acta Biol. Venez.* 10 (2): 152 (Agostini 1980). — *Conomorpha ampla* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 257 [6 May 1902] (Mez 1902).

*Conomorpha macrophylla* Mart., *Flora* 24 (2, Beibl.): 20 [28 Aug. 1841] (Martius 1841).

*Conomorpha utiarityi* Hoehne, *Comm. Lin. Telegr., Bot.* 6: 64 [Sep. 1915] (Hoehne 1915).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman* T-909.

SIZE. — Brazil, Amazonas. *C.A. Cid Ferreira* 7600 (MO), 15 m × 25 cm.

[1408] *Cybianthus guyanensis* (A.DC.) Miq. subsp.  
*multipunctatus* (A.DC.) Pipoly

*Ann. Missouri Bot. Gard.* 79 (4): 944 (Pipoly 1992). — *Cybianthus multipunctatus* A.DC., *Ann. Sci. Nat., Bot. sér.* 2, 16: 94 (Candolle 1841). — *Conomorpha multipunctata* (A.DC.) Miq., *Stirp. Surinam. Select.*: 111 [“1850” publ. Mar. 1851] (Miquel 1851).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *J. Martin* s.n. (original material G-DC, G00139364).

INVENTORY DATA (FG). — 1 tree, dbh = 19.4 cm.

[1409] *Cybianthus leprieurii* G.Agostini

*Acta Biol. Venez.* 10 (2): 159 (Agostini 1980). — *Weigeltia parviflora* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 288 [6 May 1902] (Mez 1902).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *F.M.R. Leprieur* s.n. (original material P[P00715205]); *R.A.A. Oldeman* B-521, height 11 m.

[1410] *Cybianthus microbotrys* A.DC.

*Ann. Sci. Nat., Bot. sér.* 2, 16: 94 (Candolle 1841). — *Peckia microbotrys* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891). — *Weigeltia microbotrys* (A.DC.) Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 285 [6 May 1902] (Mez 1902).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: pune-etni-kamwi • Wp: ka’a pelele • Br: capororoquina.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly* 15528.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.5$  cm.

[1411] *Cybianthus potiaei* (Mez) G.Agostini  
(Fig. 46D)

*Acta Biol. Venez.* 10 (2): 161 (Agostini 1980). — *Weigeltia potiaei* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 285 [6 May 1902] (Mez 1902).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *P.A. Poiteau* s.n. (original material P[P00715218]).

INVENTORY DATA (FG). — 1 tree, dbh = 11.8 cm.

[1412] *Cybianthus prieurii* A.DC.

*Ann. Sci. Nat., Bot.* sér. 2, 16: 93 (Candolle 1841), “*Prieurei*”. — *Peckia prieurii* (A.DC.) Kuntze, *Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891).

*Cybianthus nitidus* Miq., *Fl. Bras. [Martius]* 10: 295 [15 Mar. 1856] (Miquel 1856). — *Peckia nitida* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891).

*Cybianthus subspicatus* Benth. ex Miq., *Fl. Bras. [Martius]* 10: 296 [15 Mar. 1856] (Miquel 1856). — *Peckia subspicata* (Benth. ex Miq.) Kuntze, *Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891).

*Cybianthus comatus* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 219 [6 May 1902] (Mez 1902).

*Cybianthus viridiflorus* A.C.Sm., *Lloydia* 2 (3): 204 (Smith 1939).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *N. Marshall & J. Rombold 146*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.7$  cm.

[1413] *Cybianthus resinus* Mez

*Pflanzenr. [Engler]* IV.236 (Heft 9): 219 [6 May 1902] (Mez 1902).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 8915*.

SIZE. — Up to 15 m tall (Pipoly & Gustafsson 2002).

[1414] *Cybianthus surinamensis* (A.Spreng.) G.Agostini

*Acta Biol. Venez.* 10 (2): 161 (Agostini 1980). — *Salvadora surinamensis* A.Spreng., *Tent. Suppl.*: 7 [Sep. 1828] (Sprengel 1828). — *Peckia surinamensis* (A.Spreng.) Kuntze, *Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891). — *Weigeltia surinamensis* (A.Spreng.) Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 289 [6 May 1902] (Mez 1902).

*Weigeltia myrianthos* A.DC., *Trans. Linn. Soc. London* 17 (2): 102 [“1837” publ. 26 Apr.-8 May 1834] (Candolle 1834). — *Walleria myrianthos* Rchb. ex A.DC., *Trans. Linn. Soc. London* 17 (2): 102 [“1837” publ. 26 Apr.-8 May 1834] (Candolle 1834), *nom. nud. pro syn.* — *Cybianthus myrianthos* (A.DC.) Miq., *Fl. Bras. [Martius]* 10: 300 [15 Mar. 1856] (Miquel 1856).

*Weigeltia capitellata* Miq., *Fl. Bras. [Martius]* 10: 300 [15 Mar. 1856] (Miquel 1856), *nom. nud. pro syn.*

*Weigeltia schomburgkiana* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 285 [6 May 1902] (Mez 1902). — *Cybianthus schomburgkianus* (Mez) G.Agostini, *Acta Biol. Venez.* 10 (2): 165 (Agostini 1980).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-J. de Granville B-4467*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.8$  cm.

[1415] *Cybianthus venezuelanus* Mez

*Pflanzenr. [Engler]* IV.236 (Heft 9): 221 [6 May 1902] (Mez 1902).

*Cybianthus egensis* Mez, *Pflanzenr. [Engler]* IV.236 (Heft 9): 222 [6 May 1902] (Mez 1902).

*Peckia purpurea* Rusby, *Bull. New York Bot. Gard.* 4 (14): 405 [7 Dec. 1907] (Rusby 1907).

*Cybianthus brownii* Gleason, *Bull. Torrey Bot. Club* 53 (5): 293 [May 1926] (Gleason 1926).

VERNACULAR NAMES. — Wp: wila ka'alulu wipë'i.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-3045*.

SIZE. — Brazil, Acre. *C.A. Cid Ferreira 10202* (MO), 10 m × 25 cm.

[1416] *Cybianthus* sp. A

HERBARIUM DATA (FG). — A single collection, *J.-F. Molino et al. 2130*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 13.1$  cm.

Genus *Myrsine* L.[1417] *Myrsine guianensis* (Aubl.) Kuntze

*Revis. Gen. Pl.* 2: 402 [5 Nov. 1891] (Kuntze 1891). — *Rapanea guianensis* Aubl., *Hist. Pl. Guiane* 1: 121 [Jun.-Dec. 1775] (Aublet 1775). — *Myrsine rapanea* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 4: 509 [Mar.-June 1819] (Roemer & Schultes 1819), *nom. illeg. superfl.* (based on *Rapanea guianensis*). — *Myrsine rapanea* f. *communis* Miq., *Fl. Bras. [Martius]* 10: 308 [15 Mar. 1856] (Miquel 1856), *nom. illeg. superfl.* (based on *Rapanea guianensis*).

*Myrsine rapanea* var. *major* Hook. & Arn., *J. Bot. [Hooker]* 1: 283 (Hooker & Arnott 1834).

*Myrsine rapanea* var. *minor* Hook. & Arn., *J. Bot. [Hooker]* 1: 283 (Hooker & Arnott 1834).

*Myrsine rapanea* var. *subacuta* A.DC., *Prodr. [A. P. de Candolle]* 8: 98 [mid Mar. 1844] (Candolle 1844).

*Myrsine rapanea* f. *angustata* Miq., *Fl. Bras. [Martius]* 10: 308 [15 Mar. 1856] (Miquel 1856).

*Myrsine rapanea* f. *paviflora* Miq., *Fl. Bras. [Martius]* 10: 308 [15 Mar. 1856] (Miquel 1856).

*Myrsine rapanea* f. *robusta* Miq., *Fl. Bras. [Martius]* 10: 308 [15 Mar. 1856] (Miquel 1856). — *Rapanea oblonga* Pohl ex Miq., *Fl. Bras. [Martius]* 10: 308 [15 Mar. 1856] (Miquel 1856), *nom. nud. pro syn.*

*Myrsine ovalifolia* Miq., *Fl. Bras. [Martius]* 10: 313 [15 Mar. 1856] (Miquel 1856), *nom. illeg. hom., non* (A.DC.) D.Dietr. (Dietrich 1839).

*Rapanea guianensis* var. *andicola* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 325 [Dec. 1951] (Cuatrecasas 1951), “*guyanensis*”.

*Rapanea guianensis* var. *bogotensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 325 [Dec. 1951] (Cuatrecasas 1951), “*guyanensis*”.

*Rapanea guianensis* var. *calensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 325 [Dec. 1951] (Cuatrecasas 1951), “*guyanensis*”.



NOTE. — Roemer and Schultes mistakenly ascribed the binomial *Myrsine rapanea* to R.Br., referencing Brown (1810: 533). There Brown simply (and incorrectly) synonymised *Rapanea* Aubl. (i.e. *R. guianensis*) under *Samara floribunda* Willd.

VERNACULAR NAMES. — Ka: kunapolan, kusapoi.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777907] designated by Lanjouw & Uittien [1940: 156]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.4$  cm.

### Genus *Stylogyne* A.DC.

[1418] *Stylogyne orinocensis* (Kunth) Mez

*Pflanzenr. [Engler] IV.236* (Heft 9): 270 [6 May 1902] (Mez 1902). — *Ardisia orinocensis* Kunth, *Nova genera et species plantarum [H.B.K.] 3*: 244 [9 July 1819] (Kunth 1819). — *Tinus orinocensis* (Kunth) Kuntze, *Revis. Gen. Pl. 2*: 974 [5 Nov. 1891] (Kuntze 1891).

*Badula schomburgkiana* A.DC., *Ann. Sci. Nat., Bot. sér. 2*, 16: 90 (Candolle 1841). — *Ardisia schomburgkiana* (A.DC.) Miq., *Fl. Bras. [Martius] 10*: 289 [15 Mar. 1856] (Miquel 1856). — *Tinus schomburgkiana* (A.DC.) Kuntze, *Revis. Gen. Pl. 2*: 975 [5 Nov. 1891] (Kuntze 1891). — *Stylogyne schomburgkiana* (A.DC.) Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 270 [6 May 1902] (Mez 1902).

*Badula schomburgkiana* var. *brasiliensis* A.DC., *Prodr. [A. P. de Candolle] 8*: 111 [mid Mar. 1844] (Candolle 1844). — *Stylogyne brasiliensis* (A.DC.) Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 269 [6 May 1902] (Mez 1902).

*Ardisia hostmannii* Miq., *Fl. Bras. [Martius] 10*: 288 [15 Mar. 1856] (Miquel 1856), “*hostmanni*”. — *Tinus hostmannii* (Miq.) Kuntze, *Revis. Gen. Pl. 2*: 974 [5 Nov. 1891] (Kuntze 1891).

*Ardisia surinamensis* Miq., *Fl. Bras. [Martius] 10*: 288 [15 Mar. 1856] (Miquel 1856). — *Tinus surinamensis* (Miq.) Kuntze, *Revis. Gen. Pl. 2*: 975 [5 Nov. 1891] (Kuntze 1891). — *Stylogyne surinamensis* (Miq.) Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 271 [6 May 1902] (Mez 1902).

*Stylogyne micans* Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 272 [6 May 1902] (Mez 1902).

*Stylogyne poeppigii* Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 274 [6 May 1902] (Mez 1902).

*Stylogyne amazonica* Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 275 [6 May 1902] (Mez 1902).

*Stylogyne kappleri* Mez, *Pflanzenr. [Engler] IV.236* (Heft 9): 275 [6 May 1902] (Mez 1902).

VERNACULAR NAMES. — Pa: pune-etni-priye (for *Stylogyne* sp.) • Ka: payawalu.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Moretti 606*.

SIZE. — Up to 14 m tall (Ricketson & Pipoly 2010).

### Family PROTEACEAE Juss. Genus *Euplassa* Salisb. ex Knight

[1419] *Euplassa pinnata* (Lam.) I.M. Johnst.

*Contr. Gray Herb. 73*: 42 (Johnston 1924). — *Roupala pinnata* Lam., *Tabl. Encycl. 1*[1 (2)]: 243 [13 Feb. 1792] (Lamarck 1792). — *Adenostephanus guyanensis* Meisn., *Fl. Bras. [Martius] 5* (1): 95 [1 Jan. 1855] (Meisner 1855), *nom. illeg. superfl.* (based on *Roupala pinnata*).

*Euplassa meridionalis* Salisb. ex Knight, *Cult. Prot. 101* [Dec. 1809] (Knight 1809).

VERNACULAR NAMES. — Wp: tatu kási • Nt: liba apisi • Cr: bwa-graj • Fr: bois grage blanc • Br: faeira, louro-faia.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000080820, BM000080821, BM000080822]).

INVENTORY DATA (FG). — 17 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 42$  cm.

### Genus *Panopsis* Salisb. ex Knight

[1420] *Panopsis rubescens* (Pohl) Rusby

*Mem. Torrey Bot. Club 6* (1): 116 (Rusby 1896). — *Andriapetalum rubescens* Pohl, *Pl. Bras. Icon. Descr. 1* (4): 114 [May-Dec. 1828] (Pohl 1828).

*Andriapetalum rubescens* var. *acuminatum* Meisn., *Prodr. [A. P. de Candolle] 14* (1): 346 [mid Oct. 1856] (Meisner 1856), “*Andriapetalum*”. — *Panopsis acuminata* (Meisn.) J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser. 11* (2): 66 (Macbride 1931).

*Andriapetalum sprucei* Meisn., *Prodr. [A. P. de Candolle] 14* (1): 347 [mid Oct. 1856] (Meisner 1856). — *Panopsis rubescens* var. *sprucei* (Meisn.) Sleumer, *Bot. Jahrb. Syst. 76* (2): 180 [Jan. 1954] (Sleumer 1954).

*Roupala yauaperyensis* Barb.Rodr., *Vellosia*, ed. 2, 1: 66 (Barbosa Rodrigues 1891).

*Panopsis sprucei* Rusby, *Mem. Torrey Bot. Club 6* (1): 116 (Rusby 1896), *nom. illeg. superfl.*

*Panopsis rubescens* var. *simulans* J.F. Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser. 11* (2): 67 (Macbride 1931).

*Panopsis cuaensis* Steyermark, *Ann. Missouri Bot. Gard. 74* (3): 612 (Steyermark 1987).

NOTES. — Rusby (1896: 116) did not cite *Andriapetalum sprucei* Meisn. However, he ascribed the binomial “*Panopsis sprucei*” to “Meisn. Ms. in Herb. Kew”, while stating that the original material (*Bang 1686* [NY, 01364973]) is “the same as Spruce’s no. 1817”. *Spruce 1817* is the type of *Andriapetalum sprucei*, and the K specimens (K000634341, K000634342) bear the handwritten annotation (not in Meisner’s hand) “*Andriapetalum Sprucei* Meisn.”, which is presumably what Rusby was referring to. As Meisner did not use *Panopsis sprucei*, the authorship of this name is “Rusby”, not “Meisn. ex Rusby”. Furthermore, *P. sprucei* is an illegitimate superfluous name because although independent from *A. sprucei*, the type of the latter is cited in the protologue.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: S.A. Mori et al. 20968.

INVENTORY DATA (FG). — 8 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.1$  cm.

[1421] *Panopsis sessilifolia* (Rich.) Sandwith  
(Fig. 47A)

*Bull. Misc. Inform. Kew* 1932 (5): 226 [27 June 1932] (Sandwith 1932). — *Roupala sessilifolia* Rich., *Actes Soc. Hist. Nat. Paris* 1: 106 [Oct. 1792] (Richard 1792). — *Andriapetalum sessilifolium* (Rich.) Klotzsch, *Linnaea* 15: 53 (Klotzsch 1841), “*Andriapetalum sessilifolia*”.

*Roupala hameliifolia* Rudge, *Pl. Guian. [Rudge]* 1 (3): 22 [June 1805] (Rudge 1805), “*hameliaefolia*”. — *Panopsis hameliifolia* (Rudge) Knight, *Cult. Prot.*: 104 [Dec. 1809] (Knight 1809).

*Andriapetalum cayennense* Klotzsch ex Meisn., *Fl. Bras. [Martius]* 5 (1): 78 [1 Jan. 1855] (Meisner 1855), “*Andriapetalum*”.

VERNACULAR NAMES. — Wp: kuya'i lá • Wn: meliju • Cr: bwa-grajroz • Br: faeira, louro-faia.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: J.B. Leblond 224 (original material P[P00750531]).

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 34.1$  cm.

Genus *Roupala* Aubl.

[1422] *Roupala montana* Aubl.  
(Fig. 47B)

*Hist. Pl. Guiane* 1: 83 [Jun.–Dec. 1775] (Aublet 1775).

*Embothrium pinnatum* Ruiz & Pav., *Flora Peruviana* 1: 63 (Ruiz & Pavón 1798). — *Roupala diversifolia* R.Br., *Trans. Linn. Soc. London* 10 (1): 193 [“1811” publ. 1810] (Brown 1810), “*Rhopala*”, *nom. illeg. superfl.* (based on *Embothrium pinnatum*). — *Roupala pinnata* (Ruiz & Pav.) Diels ex J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.2): 374 [15 Mar. 1937] (Macbride 1937), *nom. illeg. hom., non* Lam. (Lamarck 1791) [synonym of *Euplassa pinnata*].

*Roupala pyrifolia* Knight, *Cult. Prot.*: 102 [Dec. 1809] (Knight 1809).

*Roupala media* R.Br., *Trans. Linn. Soc. London* 10 (1): 191 [“1811” publ. 1810] (Brown 1810), “*Rhopala*”.

*Roupala dentata* R.Br., *Trans. Linn. Soc. London* 10 (1): 192 [“1811” publ. 1810] (Brown 1810).

*Roupala complicata* Kunth, *Nova genera et species plantarum [H.B.K.]* 2: 153 [8 Dec. 1817] (Kunth 1818), “*Rhopala*”.

*Roupala ovalis* Pohl, *Pl. Bras. Icon. Descr.* 1 (4): 107 [May–Dec. 1828] (Pohl 1828), “*Rhopala*”.

*Roupala affinis* Pohl, *Pl. Bras. Icon. Descr.* 1 (4): 112 [May–Dec. 1828] (Pohl 1828), “*Rhopala*”.

*Roupala macropoda* Klotzsch & H.Karst., *Linnaea* 20: 473 [Oct. 1847] (Klotzsch & Karsten 1847), “*Rhopala*”.

*Roupala tomentosa* Pohl var. *sellowii* Meisn., *Fl. Bras. [Martius]* 5 (1): 82 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”. — *Roupala ovalis*

Klotzsch ex Meisn., *Fl. Bras. [Martius]* 5 (1): 82 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”, *nom. nud. pro syn.*

*Roupala gardneri* Meisn., *Fl. Bras. [Martius]* 5 (1): 83 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala gardneri* var. *angustata* Meisn., *Fl. Bras. [Martius]* 5 (1): 83 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala gardneri* var. *dentata* Meisn., *Fl. Bras. [Martius]* 5 (1): 83 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala gardneri* var. *integrifolia* Meisn., *Fl. Bras. [Martius]* 5 (1): 83 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala glabrata* Klotzsch ex Meisn., *Fl. Bras. [Martius]* 5 (1): 84 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala brasiliensis* Klotzsch var. *macropoda* Meisn., *Fl. Bras. [Martius]* 5 (1): 86 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala martii* Meisn., *Fl. Bras. [Martius]* 5 (1): 87 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala martii* var. *pinnata* Meisn., *Fl. Bras. [Martius]* 5 (1): 87 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”.

*Roupala martii* var. *simplicifolia* Meisn., *Fl. Bras. [Martius]* 5 (1): 87 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”. — *Roupala veraguensis* Klotzsch ex Meisn., *Fl. Bras. [Martius]* 5 (1): 87 [1 Jan. 1855] (Meisner 1855), “*Rhopala*”, *nom. nud. pro syn.*

*Roupala boissieriana* Meisn., *Prodr. [A. P. de Candolle]* 14 (1): 430 [mid Oct. 1856] (Meisner 1856), “*Rhopala*”.

*Roupala montana* var. *complicata* (Kunth) Griseb., *Fl. Brit. W.I. [Grisebach]*: 277 [late 1860] (Grisebach 1860).

*Roupala montana* var. *heterophylla* Griseb., *Fl. Brit. W.I. [Grisebach]*: 278 [late 1860] (Grisebach 1860).

*Roupala borealis* Hemsl., *Biol. Cent.-Amer., Bot.* 3 (14): 78 [Oct. 1882] (Hemsley 1882).

*Roupala acuminata* Glaz., *Bull. Soc. Bot. France* 59 (Mém. 3g): 602 [“1912” publ. 1913] (Glaziou 1913), *nom. nud.*

*Roupala darienensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 228 [22 Sep. 1917] (Pittier 1917).

*Roupala panamensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 229 [22 Sep. 1917] (Pittier 1917).

*Roupala discolor* Rusby, *Descr. S. Amer. Pl.* 12 [20 Dec. 1920] (Rusby 1920).

*Roupala dissimilis* Pittier, *Bol. Soc. Venez. Ci. Nat.* 5: 303 (Pittier 1939).

*Roupala repanda* Lundell, *Amer. Midl. Naturalist* 29 (2): 472 [5 Apr. 1943] (Lundell 1943).

*Roupala sphenophylla* Diels ex Sleumer, *Bot. Jahrb. Syst.* 76 (2): 166 [Jan. 1954] (Sleumer 1954).

*Roupala montana* var. *dentata* (R.Br.) Sleumer, *Bot. Jahrb. Syst.* 76 (2): 173 [Jan. 1954] (Sleumer 1954).

*Roupala mayana* Lundell, *Wrightia* 5 (4): 73 (Lundell 1975).

NOTES. — *Roupala brasiliensis* var. *macropoda* Meisn. is not based on *R. macropoda* Klotzsch & H.Karst. Prance (2009: 134) incorrectly cited the protologue of *R. tomentosa* var. *sellowii* Meisn.: “*Prodr. [A. P. de Candolle]* 14 (1): 28. 1856”. It is obvious that the “4” was

omitted, as on p. 428 of Candolle's Prodrumus this variety is cited in synonymy under *R. tomentosa* var. *dentata* Meisn.

VERNACULAR NAMES. — Wp: tatu kási • Nt: liba apisi • Cr: bwa-graj-rouj • Fr: bois grage rouge • Br: carne-de-vaca, carvalho-vermelha, faeira, louro-faia.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777521] designated by Lanjouw & Uittien [1940: 156]).

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.2$  cm.

[1423] *Roupala nitida* Rudge

*Pl. Guian.* [Rudge] 1 (3): 26 [June 1805] (Rudge 1805).

*Roupala laurifolia* Knight, *Cult. Prot.* 102 [Dec. 1809] (Knight 1809), *nom. illeg. superfl.* (based on *Roupala nitida*).

VERNACULAR NAMES. — Wp: tatu kási • Wn: awawaju.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J. Martin* 52 (original material BM[BM000839785]); *P. Grenand* 626, height 15 m.

Family PUTRANJIVACEAE Endl.  
Genus *Drypetes* Vahl

[1424] *Drypetes fanshawei* Sandwith  
(Fig. 47C)

*Kew Bull.* 7 (2): 258 [25 July 1952] (Sandwith 1952).

VERNACULAR NAMES. — Pa: wakukwa-ára • Nt: weti kookoo.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2831.

INVENTORY DATA (FG). — 295 trees in 89 plots;  $F_{\max} = 5\%$ ;  $dbh_{\text{inv}} = 41.7$  cm.

[1425] *Drypetes variabilis* Uittien  
(Fig. 47D)

*Recueil Trav. Bot. Néerl.* 22: 348 ["1925" publ. Jan. 1926] (Uittien 1926).

VERNACULAR NAMES. — Ka: pana akala, sekeleu • Nt: weti kookoo.

HERBARIUM DATA (FG). — 128 collections at CAY. Sel. exs.: *J.-F. Molino* 1769.

INVENTORY DATA (FG). — 369 trees in 126 plots;  $F_{\max} = 5.4\%$ ;  $dbh_{\text{inv}} = 73$  cm.

Family RHABDODENDRACEAE Prance  
Genus *Rhabdodendron* Gilg & Pilg.

[1426] *Rhabdodendron amazonicum*  
(Spruce ex Benth.) Huber  
(Fig. 48A)

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 427 (Huber 1909). — *Lecostemon amazonicum* Spruce ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 295 (Bentham 1853).

*Lecostemon crassipes* Spruce ex Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 295 (Bentham 1853). — *Rhabdodendron crassipes* (Spruce ex Benth.) Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 428 (Huber 1909).

*Lecostemon crassipes* var. *cayennense* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 5: 296 (Bentham 1853).

*Rhabdodendron duckei* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 428 (Huber 1909).

*Rhabdodendron longifolium* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 429 (Huber 1909).

*Rhabdodendron paniculatum* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 429 (Huber 1909).

*Rhabdodendron arirambae* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 5 (2): 430 (Huber 1909).

*Lecostemon sylvestre* Gleason, *Bull. Torrey Bot. Club* 54 (2): 68 [Feb. 1927] (Gleason 1927). — *Rhabdodendron sylvestre* (Gleason) Maguire, *Bull. Torrey Bot. Club* 75 (4): 397 [Jul.-Aug. 1948] (Maguire 1948).

VERNACULAR NAMES. — Pa: batakievie • Wp: alala ká'i sili, wila to poko • Br: batiputá.

HERBARIUM DATA (FG). — 54 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3022.

INVENTORY DATA (FG). — 93 trees in 30 plots;  $F_{\max} = 4\%$ ;  $dbh_{\text{inv}} = 25.5$  cm.

Family RHAMNACEAE Juss.  
Genus *Sarcomphalus* P.Browne

[1427] *Sarcomphalus cinnamomum*  
(Triana & Planch.) Hauenschild  
(Fig. 48B)

*Taxon* 65 (1): 55 (Hauenschild 2016). — *Ziziphus cinnamomum* Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 5, 16: 380 (Triana & Planchon 1872).

*Ziziphus itacaiunensis* Fróes, *Bol. Técn. Inst. Agron. N.* 36: 151 (Fróes 1959).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2538.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

Family RHIZOPHORACEAE Pers.  
Genus *Cassipourea* Aubl.

[1428] *Cassipourea elliptica* (Sw.) Poir.

*Encycl. [J. Lamarck et al.] Suppl.* 2: 131 [23 Oct. 1811] (Poirét 1811). — *Legnotis elliptica* Sw., *Prodr. [Swartz]:* 84 [20 Jun.-29 July 1788] (Swartz 1788). — *Cassipourea guianensis* var. *elliptica* (Sw.) M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.*: 84 (Gómez 1889). — *Cassipourea elliptica* var. *typica* Stehlé, *Bull. Soc. Bot. France* 92 (9): 265 (Stehlé 1945), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Cassipourea alba* Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 7: 223 (Grisebach 1857). — *Cassipourea elliptica* var. *alba* (Griseb.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 274 [late 1860] (Grisebach 1860).

*Cassipourea elliptica* var. *pauciserrata* Griseb., *Fl. Brit. W.I. [Grisebach]*: 274 [late 1860] (Grisebach 1860).

*Endosteira oppositifolia* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 576 (Turczaninow 1863).

*Cassipourea elliptica* var. *ovata* Griseb., *Cat. Pl. Cub. [Grisebach]*: 108 [May-Aug. 1866] (Grisebach 1866).

*Cassipourea cubensis* Urb., *Symb. Antill. [Urban]* 7 (2): 293 [15 June 1912] (Urban 1912).

*Cassipourea brittoniana* Fawc. & Rendle, *J. Bot.* 64: 14 (Fawcett & Rendle 1926).

*Cassipourea podantha* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 241 [24 Oct. 1929] (Standley 1929).

*Cassipourea macrodonta* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 242 [24 Oct. 1929] (Standley 1929).

*Cassipourea guildingii* Briq., *Candollea* 4: 343 (Briquet 1931).

*Cassipourea belizensis* Lundell, *Bull. Torrey Bot. Club* 66 (9): 598 [Dec. 1939] (Lundell 1939).

*Cassipourea elliptica* var. *parvifolia* Stehlé, *Bull. Soc. Bot. France* 92 (9): 265 (Stehlé 1945).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15425*.

SIZE. — Venezuela, Táchira, 7 Jul. 1983. *H. van der Werff 5021* (MO), 15 m.

[1429] *Cassipourea guianensis* Aubl.  
(Fig. 48C)

*Hist. Pl. Guiane* 1: 529 [Jun.-Dec. 1775] (Aublet 1775). — *Legnotis cassipourea* Sw., *Prodr. [Swartz]* 84 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Cassipourea guianensis*).

*Cassipourea macrophylla* DC., *Prodr. [A. P. de Candolle]* 3: 34 [mid Mar. 1828] (Candolle 1828). — *Legnotis macrophylla* Mart. ex DC., *Prodr. [A. P. de Candolle]* 3: 34 [mid Mar. 1828] (Candolle 1828), *nom. nud. pro syn.*

*Cassipourea serrata* Benth., *J. Bot. [Hooker]* 2: 223 (Bentham 1840). — *Cassipourea guianensis* var. *serrata* (Benth.) Engl., *Fl. Bras. [Martius]* 12 (2): 430 [1 Sep. 1876] (Engler 1876).

*Cassipourea quadrilocularis* Spruce ex Benth., *Fl. Bras. [Martius]* 12 (2): 429 [1 Sep. 1876] (Bentham 1876), *nom. nud. pro syn.*

*Cassipourea latifolia* Alston, *Bull. Misc. Inform. Kew* 1925 (6): 266 [16 June 1925] (Alston 1925). — *Cassipourea elliptica* var. *latifolia* (Alston) Stehlé, *Bull. Soc. Bot. France* 92 (9): 265 (Stehlé 1945).

*Cassipourea broadwayi* Briq., *Candollea* 4: 342 (Briquet 1931).

*Cassipourea guianensis* var. *trichopoda* Briq., *Candollea* 4: 346 (Briquet 1931).

VERNACULAR NAMES. — Pa: wakáu • Ka: apali'ilan, apaliyulan • Wp: yawa poi li • Cr: pativyé-gri • Br: laranja-do-mato, mangue-d'agua-doce.

HERBARIUM DATA (FG). — 88 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000016972]).

INVENTORY DATA (FG). — 423 trees in 93 plots;  $F_{\max} = 4.5\%$ ;  $dbh_{\text{inv}} = 23.1$  cm.

Genus *Rhizophora* L.

[1430] *Rhizophora mangle* L.

*Sp. Pl.* 1: 443 [1 May 1753] (Linnaeus 1753). — *Rhizophora americana* Nutt., *N. Amer. Sylv.* 1 (2): 112 [Jul.-Dec. 1842] (Nuttall 1842), *nom. illeg. superfl.* (based on *Rhizophora mangle*).

*Rhizophora mangle* var. *samoensis* Hochr., *Candollea* 2: 447 (Hochreutiner 1925).

*Rhizophora samoensis* (Hochr.) Salvoza, *Nat. Appl. Sci. Bull. Univ. Philipp.* 5: 220 (Salvoza 1936).

NOTE. — A species restricted to mangrove forests.

VERNACULAR NAMES. — Pa: kwatri • Ka: konopo, kunapo • Cr: pativyé-janm, pativyé-rouj • Fr: palétuvier rouge • Br: mangue-vermelho.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Loubry 2000*.

SIZE. — Up to 100 cm dbh (Prance 2018).

[1431] *Rhizophora racemosa* G.Mey.

*Prim. Fl. Esseq.* 185 [Nov. 1818] (Meyer 1818). — *Rhizophora mangle* var. *racemosa* (G.Mey.) Engl., *Fl. Bras. [Martius]* 12 (2): 427 [1 Sep. 1876] (Engler 1876).

NOTE. — A species restricted to mangrove forests.

VERNACULAR NAMES. — Pa: kwatri • Ka: konopo, kunapo • Cr: pativyé-janm, pativyé-rouj • Fr: palétuvier rouge • Br: mangue-vermelho.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *M.-F. Prévost 4684*.

SIZE. — Up to 15 m tall (Steyermark 2004).

Family ROSACEAE Juss.  
Genus *Prunus* L.

[1432] *Prunus accumulans* (Koehne) C.L.Li & Aymard

*BioLlania, ed. espec.* 6: 449 (Li & Aymard 1997). — *Prunus myrtifolia* var. *accumulans* Koehne, *Bot. Jahrb. Syst.* 52 (4-5): 320 [3 Aug. 1915] (Koehne 1915).

HERBARIUM DATA (FG). — A single collection, *G. Bourdy 2941*.

INVENTORY DATA (FG). — 13 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 53$  cm.

[1433] *Prunus myrtifolia* (L.) Urb.  
(Fig. 48D)

*Bot. Jahrb. Syst.* 52 (4-5): 320 [3 Aug. 1915] (Urban 1915). — *Celastrus myrtifolius* L., *Sp. Pl.* 1: 196 [1 May 1753] (Linnaeus 1753). — *Lauro-cerasus myrtifolia* (L.) Britton, *N. Amer. Trees* 510 [9 May 1908] (Britton 1908), “*Laurocerasus*”.

*Prunus sphaerocarpa* Sw., *Prodr. [Swartz]* 80 [20 Jun.-29 July 1788] (Swartz 1788).

*Prunus tikalana* Lundell, *Wrightia* 4 (2): 88 [31 Dec. 1968] (Lundell 1968).

VERNACULAR NAMES. — Pa: kunau • Ka: okoipyo • Wp: kunawalu'i • Cr: bwa-noyo • Br: marmelo-bravo, virarú.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 10765.

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.1$  cm.

Family RUBIACEAE Juss.  
Genus *Alibertia* A.Rich.

[1434] *Alibertia edulis* (Rich.) A.Rich.

*Prodr. [A. P. de Candolle]* 4: 443 [late Sep. 1830] (Richard 1830). — *Genipa edulis* Rich., *Actes Soc. Hist. Nat. Paris* 1: 107 [Oct. 1792] (Richard 1792). — *Gardenia edulis* (Rich.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 708 [3 July 1812] (Poiret 1812). — *Alibertia utilis* A.Rich., *Mém. Rubiac.*, t. 21 [Dec. 1830] (Richard 1830), orthographical variant. — *Amaioua utilis* Baill., *Bull. Mens. Soc. Linn. Paris* 1 (28): 220 (Baillon 1879), *nom. illeg. superfl.* (based on *Alibertia edulis*). — *Amaioua edulis* (Rich.) Baill., *Hist. Pl. [Baillon]* 7: 387 [Feb. 1880] (Baillon 1880). — *Cordia edulis* (Rich.) Kuntze, *Revis. Gen. Pl.* 1: 279 [5 Nov. 1891] (Kuntze 1891). — *Sabicea edulis* (Rich.) Seem., *Hooker's J. Bot. Kew Gard. Misc.* 3: 266 (Seemann 1851).

NOTES. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017). Persson & Delprete (2017) recognized 4 varieties in *Alibertia edulis* (Rich.) A.Rich. Only var. *edulis* is present in French Guiana.

VERNACULAR NAMES. — Pa: tukuyuy • Wp: yanipa lali • Cr: gouyav-kaka-poule, gouyav-nwé • Br: apuruzinho, marmelada, puruhy, purui-pequeno.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (lecto-, P[P00870033]), designated by Delprete & Persson in Taylor *et al.* [2011: 136]).

SIZE. — Up to 10 m tall (Taylor *et al.* 2004).

[1435] *Alibertia latifolia* (Benth.) K.Schum.

*Fl. Bras. [Martius]* 6 (6): 386 [15 June 1889] (Schumann 1889). — *Cordia latifolia* Benth., *J. Bot. [Hooker]* 3: 221 (Bentham 1841).

*Alibertia oligantha* K.Schum., *Fl. Bras. [Martius]* 6 (6): 385 [15 June 1889] (Schumann 1889). — *Cordia oligantha* (K.Schum.) Kuntze, *Revis. Gen. Pl.* 1: 279 [5 Nov. 1891] (Kuntze 1891).

*Alibertia latifolia* var. *parvifolia* K.Schum., *Fl. Bras. [Martius]* 6 (6): 386 [15 June 1889] (Schumann 1889).

*Alibertia granulosa* Rusby, *Descr. S. Amer. Pl.* 133 [20 Dec. 1920] (Rusby 1920).

*Alibertia latifolia* var. *paraguayana* Steyermark, *Mem. New York Bot. Gard.* 12 (3): 225 (Steyermark 1965).

VERNACULAR NAMES. — Pa: tukuyuy.

HERBARIUM DATA (FG). — A single collection, *P. Grenand 1808*, 12 m.

Genus *Alseis* Schott

[1436] *Alseis longifolia* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 256 (Ducke 1922).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville B-4741*.

SIZE. — Up to 45 cm dbh (Boom & Delprete 2002).

Genus *Amaioua* Aubl.

[1437] *Amaioua glomerulata* (Lam. ex Poir.)  
Delprete & C.H.Perss.

*Adansonia*, sér. 3, 34 (2): 356 [Dec. 2012] (Delprete & Persson 2012). — *Mussaenda glomerulata* Lam. ex Poir., *Encycl. [J. Lamarck et al.]* 4 (1): 393 [9 Feb. 1797] (Poiret 1797). — *Rondeletia glomerulata* (Lam. ex Poir.) Spreng., *Syst. Veg. [Sprengel]* 1: 707 [“1825” publ. late 1824] (Sprengel 1824).

*Amaioua fugifolia* Desf., *Mém. Mus. Hist. Nat.* 6: 14 (Desfontaines 1820).

*Amaioua corymbosa* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 419 [13 Mar. 1820] (Kunth 1820). — *Hexactina corymbosa* (Kunth) Willd. ex Schult.f., *Syst. Veg. [Roemer & Schultes]* 7 (1): 91 (Schultes 1829), *nom. nud. pro syn.*

VERNACULAR NAMES. — Pa: wakavu-kamwi • Ka: wayu, wayun • Wp: kuluwi, puluwi • Cr: bwa-négrès, bwa-pièr • Br: goiabeira-preta, purui-grande.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *H. Puig 12055*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.6$  cm.

[1438] *Amaioua guianensis* Aubl.  
(Fig. 49A)

*Hist. Pl. Guiane* 2 (Suppl.): 13 [Jun.-Dec. 1775] (Aublet 1775). — *Hamelia glabra* Lam., *Encycl. [J. Lamarck et al.]* 3 (1): 65 [19 Oct. 1789] (Lamarck 1789), *nom. illeg. superfl.* (based on *Amaioua guianensis*). — *Hamelia sessiliflora* Willd., *Sp. Pl.*, ed. 4 1 (2): 981 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Amaioua guianensis*). — *Dubamelia glabra* Pers., *Syn. Pl. [Persoon]* 1: 203 [1 Apr.-15 June 1805] (Persoon 1805), *nom. illeg. superfl.* (based on *Amaioua guianensis*).

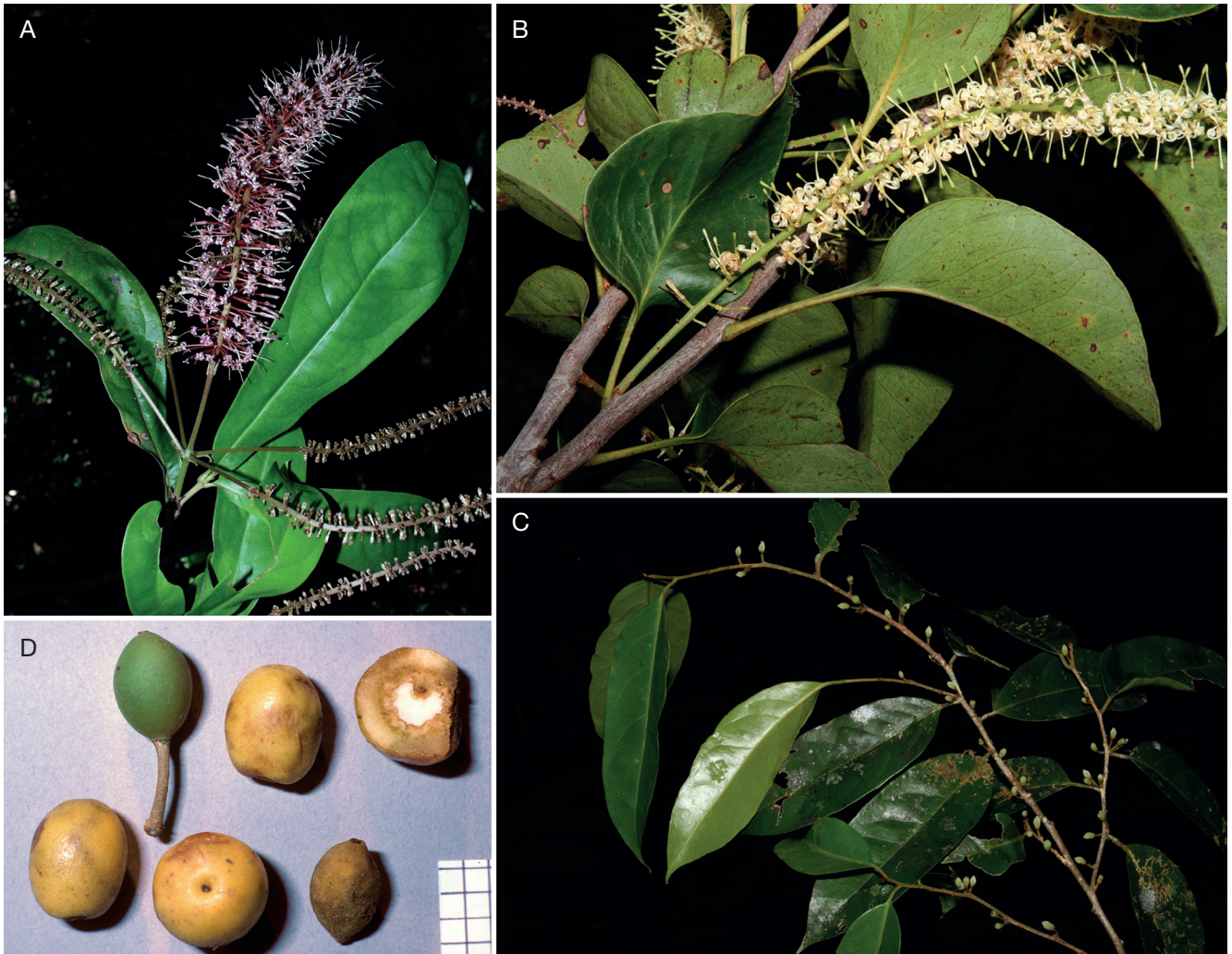


FIG. 47. — Proteaceae: **A**, *Panopsis sessilifolia* (Rich.) Sandwith (M.-F. Prévost & D. Sabatier 4000); **B**, *Roupala montana* Aubl. (D. Sabatier & M.-F. Prévost 4925). Putranjivaceae: **C**, *Drypetes fanshawei* Sandwith (D. Sabatier & J.-F. Molino 5001); **D**, *Drypetes variabilis* Uittien. © D. Sabatier/IRD.

*Amaioua guianensis* var. *macrantha* Steyermark., *Mem. New York Bot. Gard.* 12 (3): 216 (Steyermark 1965).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: maras-gamana • Ka: kapasí tuno • Wp: kuluwi, puluwi • Wn: akuli epa • Cr: bwa-négrès, bwa-pièr • Br: goiabeira-preta, purui-grande.

HERBARIUM DATA (FG). — 113 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, BM[BM001008914] designated by Steyermark [1965: 216]).

INVENTORY DATA (FG). — 149 trees in 80 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 26.8$  cm.

Genus *Botryarrhena* Ducke

[1439] *Botryarrhena pendula* Ducke

*Notizbl. Bot. Gart. Berlin-Dahlem* 11: 477 [11 July 1932] (Ducke 1932).

VERNACULAR NAMES. — Pa: iwan-etni, tukuyuy-kamwi.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *C. Feuillet et al.* 10067.

SIZE. — Tree to 20 m tall, dbh to 22.5(-45) cm.

Genus *Capirona* Spruce

[1440] *Capirona macrophylla* (Poepp.) Delprete (Fig. 49B)

*Phytotaxa* 443 (1): 102 [18 May 2020] (Delprete 2020). — *Condaminea macrophylla* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 30 [15-21 Aug. 1841] (Poeppig 1841).

*Capirona decorticans* Spruce, *J. Proc. Linn. Soc., Bot.* 3: 200 [Apr. 1859] (Spruce 1859).

*Monadelphanthus floridus* H.Karst., *Fl. Columb. [H. Karsten]* 1 (2): 67 [13 Feb. 1860] (Karsten 1860).

*Capirona duckei* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 7: 185 (Huber 1913), *nom. nud.*

*Capirona leiophloea* Benoist, *Bull. Mus. Natl. Hist. Nat.* 27: 367 (Benoist 1921).

*Capirona huberiana* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 257 (Ducke 1922).

*Capirona surinamensis* Bremek., *Recueil Trav. Bot. Néerl.* 31: 261 (Bremekamp 1934).

*Loretoa peruviana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 222 (Standley 1936).

*Capirona wurdackii* Steyerl., *Mem. New York Bot. Gard.* 10 (5): 190 (Steyermark 1964).

VERNACULAR NAMES. — Pa: wadidga, wadidga-priye, wadidga-wahuyo • Ka: akepiimyo, talipi, tapili • Wp: ayā pili • Wn: ěkepiimě • Nt: lisa pao, mutende • Cr: bwa-palika • Br: escorrega-macaco, mulatorana, pau-mulato, perna-de-moça.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *O. Poncy 1048* (P[P00208816]).

INVENTORY DATA (FG). — 31 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.5$  cm.

#### Genus *Chimarrhis* Jacq.

[1441] *Chimarrhis microcarpa* Standl.

*Bull. Torrey Bot. Club* 53 (7): 471 [Oct. 1926] (Standley 1926).

*Chimarrhis longistipulata* Bremek., *Recueil Trav. Bot. Néerl.* 31: 260 (Bremekamp 1934).

VERNACULAR NAMES. — Wp: walalu'i • Cr: bwa-chapèl • Fr: bois cathédrale.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15562*.

INVENTORY DATA (FG). — 84 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[1442] *Chimarrhis turbinata* DC.

*Prodr. [A. P. de Candolle]* 4: 404 [late Sep. 1830] (Candolle 1830). — *Pseudochimarrhis turbinata* (DC.) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 255 (Ducke 1922). — *Chimarrhis duckei* Rizzini, *Revista Brasil. Biol.* 7: 277 (Rizzini 1947), *nom. illeg. superfl.* (based on *Chimarrhis turbinata*).

*Bathysa difformis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 26: 185 (Benoist 1920). — *Pseudochimarrhis difformis* (Benoist) Benoist, *Arch. Bot.* 5 (Mém. 1): 265 [27 Mar. 1933] (Benoist 1933).

*Elaeagia brasiliensis* Standl., *Bull. Torrey Bot. Club* 60 (6): 395 [1 June 1933] (Standley 1933).

VERNACULAR NAMES. — Pa: kinuwup, warerey • Ka: abalaba, atakali, mapalaba, me:ku ubupo • Te: pukutsa'i • Wp: walalu'i • Wn: epalai, ěpalai • Nt: pali udu • Cr: bwa-chapèl, bwa-pagay, sitronèl-rouj • Fr: bois cathédrale • Br: carapanaũba-cinzero, pau-de-remo.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2116*.

INVENTORY DATA (FG). — 207 trees in 93 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 114.6$  cm.

#### Genus *Cordia* A.Rich.

[1443] *Cordia myrciifolia*  
(K.Schum.) C.H.Perss. & Delprete

*Fl. Venez. Guayana* 8: 559 (Persson & Delprete 2004). — *Alibertia myrciifolia* K.Schum., *Fl. Bras. [Martius]* 6 (6): 393 [15 June 1889] (Schumann 1889). — *Cordia myrciifolia* Spruce ex K.Schum., *Fl. Bras. [Martius]* 6 (6): 393 [15 June 1889] (Schumann 1889), *nom. nud. pro syn.*

*Alibertia uniflora* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 179 (Standley 1936).

*Alibertia myrciifolia* var. *tepuiensis* Steyerl., *Mem. New York Bot. Gard.* 12 (3): 226 (Steyermark 1965).

*Alibertia triloba* Steyerl., *Mem. New York Bot. Gard.* 12 (3): 227 (Steyermark 1965).

VERNACULAR NAMES. — Wn: malipaimě.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1993*.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.8$  cm.

[1444] *Cordia triflora* A.Rich.

*Prodr. [A. P. de Candolle]* 4: 445 [late Sep. 1830] (Richard 1830). — *Alibertia triflora* (A.Rich.) K.Schum., *Fl. Bras. [Martius]* 6 (6): 392 [15 June 1889] (Schumann 1889).

*Octavia sessiliflora* DC., *Prodr. [A. P. de Candolle]* 4: 464 [late Sep. 1830] (Candolle 1830). — *Nonatelia sessiliflora* (DC.) Kuntze, *Revis. Gen. Pl.* 1: 290 [5 Nov. 1891] (Kuntze 1891).

*Cordia triflora* Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 419 (Steudel 1840), orth. var.

*Alibertia tenuifolia* K.Krause, *Verh. Bot. Vereins Prov. Brandenburg* 50: 106 [30 Sep. 1908] (Krause 1908).

*Alibertia steinbachii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 287 [24 Oct. 1929] (Standley 1929).

*Alibertia benensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 7 (3): 291 (Standley 1931).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (lecto-, P[P03821428] selected by Persson & Delprete [2010: 263]).

SIZE. — Up to 20 cm dbh (Taylor *et al.* 2004).

Genus *Cosmibuena* Ruiz & Pav.[1445] *Cosmibuena grandiflora* (Ruiz & Pav.) Rusby

*Bull. New York Bot. Gard.* 4 (14): 368 [7 Dec. 1907] (Rusby 1907). — *Cinchona grandiflora* Ruiz & Pav., *Fl. Peruv. [Ruiz & Pavón]* 2: 54 (Ruiz & Pavón 1799). — *Cinchona obtusifolia* D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 721 [July 1839] (Dietrich 1839), *nom. illeg. superfl.* (based on *Cinchona grandiflora*).

*Cosmibuena obtusifolia* Ruiz & Pav., *Flora Peruviana* 3: 3 (Ruiz & Pavón 1802). — *Buena obtusifolia* (Ruiz & Pav.) DC., *Prodr. [A. P. de Candolle]* 4: 356 [late Sep. 1830] (Candolle 1830).

*Cinchona quina* Ruiz & Pav., *Flora Peruviana* 3: 4 (Ruiz & Pavón 1802).

*Cinchona longiflora* Mutis ex Steud., *Nomencl. Bot. [Steudel]* 1: 196 (Steudel 1821), *nom. nud. pro syn.*

*Cinchona china* Ruiz ex DC., *Prodr. [A. P. de Candolle]* 4: 356 [late Sep. 1830] (Candolle 1830).

*Buena triflora* Benth., *J. Bot. [Hooker]* 3: 216 (Bentham 1841). — *Cosmibuena triflora* (Benth.) Klotzsch, *Getreue Darstell. Gew.* 14 (2): t. 15 (Klotzsch 1846).

*Buena latifolia* Benth., *Pl. Hartw. [Bentham]*: 191 [? 16 Sep. 1845] (Bentham 1845). — *Cosmibuena latifolia* (Benth.) Klotzsch ex Walp., *Repert. Bot. Syst. [Walpers]* 6 (1): 69 [3-5 Sep. 1846] (Walpers 1846). — *Cosmibuena obtusifolia* var. *latifolia* (Benth.) Hook.f., *Bot. Mag.* 102: t. 6239 (Hooker 1876). — *Cosmibuena grandiflora* var. *latifolia* (Benth.) Steyermark, *Mem. New York Bot. Gard.* 23: 296 (Steyermark 1972).

*Cosmibuena quinqueflora* Klotzsch, *Getreue Darstell. Gew.* 14 (2): t. 15 (Klotzsch 1846).

*Buena skinneri* Oerst., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1852: 48 (Oersted 1852). — *Cosmibuena skinneri* (Oerst.) Hemsl., *Biol. Cent.-Amer., Bot.* 2 (7): 12 [Apr. 1881] (Hemslay 1881).

*Cosmibuena gardenioides* Wernham, *J. Bot.* 51: 321 (Wernham 1913).

*Cosmibuena arborea* Standl., *Contr. U.S. Natl. Herb.* 17: 447 (Standley 1914).

*Cosmibuena ovalis* Standl., *Contr. U.S. Natl. Herb.* 18 (3): 137 [11 Feb. 1916] (Standley 1916).

NOTES. — Epiphytic or rarely terrestrial shrub or tree (rarely hemiepiphytic strangling tree). *Cinchona china* is a misspell of *C. quina*.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *G. Cremer & J.-J. de Granville* 13176.

SIZE. — Up to 14 m tall (Taylor *et al.* 2004).

Genus *Coussarea* Aubl.[1446] *Coussarea albescens* (DC.) Müll.Arg.

*Fl. Bras. [Martius]* 6 (5): 87 [1 July 1881] (Müller 1881), in obs. — *Faramea albescens* DC., *Prodr. [A. P. de Candolle]* 4: 498 [late Sep. 1830] (Candolle 1830).

*Coussarea racemosa* A.Rich., *Prodr. [A. P. de Candolle]* 4: 494 [late Sep. 1830] (Richard 1830).

NOTES. — The description and name of *C. racemosa* came from Richard (Dec. 1830: 177), the text of which Candolle had seen a preprint version. Thereafter Candolle (Sept. 1830: 498) cited Richard as the author of this name, so that in this case, the authority is “A.Rich.,” not “A.Rich. ex DC.” The names *F. albescens* and *C. racemosa* were published in the same volume and have thus equal priority. When transferring *F. albescens* to *Coussarea* Aubl., Müller (1881: 87) stated that it was synonymous with *C. racemosa*, and he chose *C. albescens* over *C. racemosa*, as indicated in the index of vol. 6 (5) of *Flora Brasiliensis* (Müller 1888) where the former appears in normal type and the latter in italics (i.e. as a synonym). Under Art. 11.5 of the ICN (Turland *et al.* 2018), we thus have to use *C. albescens*, relegating *C. racemosa* as its junior synonym.

VERNACULAR NAMES. — Pa: mavinbi, mavinbi-kamwi, mavinvi, mavinvi-kamwi.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material of *Coussarea racemosa*: P[P03914186]).

INVENTORY DATA (FG). — 75 trees in 24 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 18.5$  cm.

[1447] *Coussarea grandis* Müll.Arg.

*Fl. Bras. [Martius]* 6 (5): 100 [1 July 1881] (Müller 1881).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *G. Cremer* 8397.

INVENTORY DATA (FG). — 11 trees in 2 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 16.1$  cm.

[1448] *Coussarea granvillei* Delprete & B.M.Boom

*Brittonia* 51 (4): 403 (Delprete & Boom 1999).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *J.-J. de Granville B-4744* (holo-, CAY[CAY007384]); *J.-J. de Granville et al.* 8601, 10 m × 10 cm.

[1449] *Coussarea hallei* Steyermark.

*Mem. New York Bot. Gard.* 23: 387 (Steyermark 1972).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Nt: ayee wato.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *F. Hallé 1018* (holo-, P[P00836890]); iso-, CAY[CAY028108, CAY028109], P[P00836891]); *P. Petronelli* 300,  $dbh$  10 cm.

[1450] *Coussarea lutea* (Aubl.) Delprete

*Taxon* 64: 609 (Delprete 2015). — *Nonatelia lutea* Aubl., *Hist. Pl. Guiane* 1: 190, t. 74 [only inflorescence and flowers] [Jun.-Dec. 1775] (Aublet 1775). — *Psychotria lutea* (Aubl.) Willd., *Sp. Pl.*, ed. 4 1 (2): 971 [July 1798] (Willdenow 1798).

*Coussarea mapourioides* Bremek., *Recueil Trav. Bot. Néerl.* 31: 282 (Bremekamp 1934).





FIG. 48. — Rhabdodendraceae: **A**, *Rhabdodendron amazonicum* (Spruce ex Benth.) Huber (D. Sabatier & M.-F. Prévost 3022). Rhamnaceae: **B**, *Sarcomphalus cinnamomum* (Triana & Planch.) Hauenschild (D. Sabatier & M.-F. Prévost 2538). Rhizophoraceae **C**, *Cassipourea guianensis* Aubl. (J.-F. Molino & D. Sabatier 2844). Rosaceae: **D**, *Prunus myrtifolia* (L.) Urb. (D. Sabatier & J.-F. Molino 5527). A, B, D, © D. Sabatier/IRD; C, © J.-F. Molino/IRD.

NOTE. — Several specimens of *C. lutea* collected in the Guianas have been identified as *Coussarea hirticalyx* Standl. (1930: 175), which is the species most similar to *C. lutea*. According to Taylor (1999), *C. hirticalyx* occurs from Amazonian Colombia to Peru. Taylor & Steyermark (2004: 564) cited a specimen from the Venezuelan Guayana (A. Fernández 7544) having a corolla tube up to 20 mm long; they expressed doubts regarding the delimitation of the two species. However, pending a more detailed comparison between the two taxa, *C. lutea* can be distinguished from *C. hirticalyx* by its persistent stipules (vs caducous in *C. hirticalyx*), corolla tube (8.5-)10.3-13(-20) mm long (vs 33-34 mm long), and fruit 9-10 × 8-9 mm (vs *c.* 18 × 14 mm).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (Lectotype BM[BM000058142] designated by Delprete [2015: 609]).

SIZE. — Up to 10 m tall.

[1451] *Coussarea machadoana* Standl.  
(Fig. 49C)

*Bull. Torrey Bot. Club* 60 (6): 395 [1 June 1933] (Standley 1933).

VERNACULAR NAMES. — Pa: wakáu, uwakaa.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15459*.

INVENTORY DATA (FG). — 40 trees in 26 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.8$  cm.

[1452] *Coussarea paniculata* (Willd.) Standl.  
(Fig. 49D)

*J. Wash. Acad. Sci.* 18: 282 (Standley 1928). — *Froelichia paniculata* Willd., *Sp. Pl.*, ed. 4 1 (2): 607 [July 1798] (Willdenow 1798). — *Billardiera paniculata* Vahl, *Eclog. Amer.* 1: 13 (Vahl 1797), “*Billardieria*”, *nom. inval.* (combination not definitely accepted by the author). — *Froelichia paniculata* Vahl, *Eclog. Amer.* 3: 56 (Vahl 1807), *isonym.* — *Coussarea froelichia* A.Rich., *Prodr. [A. P. de Candolle]* 4: 494 [late Sep. 1830] (Richard 1830), *nom. illeg. superfl.* (based on *Billardiera paniculata*).

*Coussarea macrocarpa* A.Rich., *Prodr. [A. P. de Candolle]* 4: 494 [late Sep. 1830] (Richard 1830).

*Fareamea martinii* DC., *Prodr. [A. P. de Candolle]* 4: 498 [late Sep. 1830] (Candolle 1830), “*Martini*”. — *Coussarea martinii* (DC.) Benth. & Hook.f. ex B.D.Jacks., *Index Kew.* 1 (1): 631 [6 Sep. 1893] (Jackson 1893), “*Martini*”.

*Coussarea darienensis* Steyer., *Ceiba* 3 (1): 20 (Steyermark 1952).

*Coussarea morii* Dwyer, *Ann. Missouri Bot. Gard.* 67 (1): 130 (Dwyer 1980).

NOTES. — Vahl realised after the printing, but before publication of the first volume of his book, that the name *Billardiera* was already in use for another genus (*Billardiera* Sm. 1793). In his foreword, he therefore proposed the new name *Froelichia* Vahl, wherewith he invalidated all the species' names described under *Billardiera*. Furthermore, none of the new combinations in *Froelichia* were validly published in 1797, because no association was made between genus name and specific epithets. In fact, validation of Vahl's binomials occurred when the index in the last volume was published (1807), but this was after Willdenow's publication of *F. paniculata*. *Coussarea paniculata* is based on the invalid *F. paniculata* Vahl, but this is an indirect reference to the valid *F. paniculata* Willd. The descriptions and names of *C. froelichia* and *C. macrocarpa* in Candolle (Sept. 1830: 494) came from Richard (Dec. 1830: 177), the text of which Candolle had seen a preprint version. Both names are thus to be ascribed to Richard alone (not "A.Rich. ex DC.").

VERNACULAR NAMES. — Pa: mavinbi, mavinvi • Ka: koflan, maipuli, elepali • Wp: tapi'i ka'alulu.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *R.C. Ek 1745*.

INVENTORY DATA (FG). — 15 trees in 6 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 20.9$  cm.

#### Genus *Coutarea* Aubl.

[1453] *Coutarea hexandra* (Jacq.) K.Schum.  
(Fig. 49E)

*Fl. Bras. [Martius]* 6 (6): 185 [15 June 1889] (Schumann 1889). — *Portlandia hexandra* Jacq., *Enum. Syst. Pl.*: 16 [Aug.-Sep. 1760] (Jacquin 1760). — *Coutarea portlandia* Dum.Cours., *Bot. Cult.* 2: 561 [1-4 July 1802] (Dumont 1802), *nom. illeg. superfl.* (based on *Portlandia hexandra*).

*Coutarea speciosa* Aubl., *Hist. Pl. Guiane* 1: 314 [Jun.-Dec. 1775] (Aublet 1775). — *Portlandia speciosa* (Aubl.) Baill., *Hist. Pl. [Baillon]* 7: 381 [Feb. 1880] (Baillon 1880). — *Coutarea hexandra* var. *speciosa* (Aubl.) K.Schum., *Fl. Bras. [Martius]* 6 (6): 197 [15 June 1889] (Schumann 1889).

*Portlandia acuminata* Willd., *Syst. Veg. [Roemer & Schultes]* 5: 23 [Dec. 1819] (Willdenow 1819).

*Exostema souzanum* Mart., *Reise Bras. [Spix & Mart.]* 2: 789 (Martius 1828). — *Cinchona souzana* (Mart.) Brign., *Mem. Mat. Fis. Soc. Ital. Sci. Modena, Pt. Mem. Fis.* 2 (1): 63 (Brignoli 1862).

*Coutarea campanilla* DC., *Prodr. [A. P. de Candolle]* 4: 350 [late Sep. 1830] (Candolle 1830). — *Coutarea hexandra* var. *campanilla* (DC.) Steyer., *Mem. New York Bot. Gard.* 23: 298 (Steyermark 1972).

*Coutarea flavescens* Sessé & Moc. ex DC., *Prodr. [A. P. de Candolle]* 4: 350 [late Sep. 1830] (Candolle 1830).

*Coutarea pubescens* Pohl, *Pl. Bras. Icon. Descr.* 2 (4): 148 [Jan.-Sep. 1833] (Pohl 1833). — *Coutarea hexandra* var. *pubescens* (Pohl) K.Schum., *Fl. Bras. [Martius]* 6 (6): 198 [15 June 1889] (Schumann 1889). — *Coutarea hexandra* f. *pubescens* (Pohl) Steyer., *Mem. New York Bot. Gard.* 23: 298 (Steyermark 1972).

*Bignonia triflora* Pav. ex DC., *Prodr. [A. P. de Candolle]* 9: 148 [1 Jan. 1845] (Candolle 1845), *nom. nud.*

*Gardenia hexagona* Lem., *Ill. Hort.* 16: 92 (Lemaire 1869).

*Coutarea scherffiana* André, *Ill. Hort.* 25: 120 (André 1878).

*Coutarea lindeniana* Baill., *Adansonia [Baillon]* 12: 300 (Baillon 1879).

*Coutarea hexandra* f. *tarapotensis* K.Schum., *Fl. Bras. [Martius]* 6 (6): 198 [15 June 1889] (Schumann 1889).

*Coutarea hexandra* var. *amazonica* K.Schum., *Fl. Bras. [Martius]* 6 (6): 197 [15 June 1889] (Schumann 1889).

*Coutarea hexandra* var. *fluminensis* K.Schum., *Fl. Bras. [Martius]* 6 (6): 197 [15 June 1889] (Schumann 1889).

*Coutarea hexandra* f. *albiflora* Chodat & Hassl., *Bull. Herb. Boissier, sér. 2*, 4: 92 (Chodat & Hassler 1904).

*Coutarea hexandra* f. *grandiflora* Chodat & Hassl., *Bull. Herb. Boissier, sér. 2*, 4: 92 (Chodat & Hassler 1904).

*Coutarea hexandra* f. *roseiflora* Chodat & Hassl., *Bull. Herb. Boissier, sér. 2*, 4: 92 (Chodat & Hassler 1904).

*Coutarea hexandra* var. *calycina* Chodat & Hassl., *Bull. Herb. Boissier, sér. 2*, 4: 92 (Chodat & Hassler 1904).

NOTE. — The name *Portlandia acuminata* Willd. is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15).

VERNACULAR NAMES. — Pa: kwik-duwê • Ka: pakeli • Cr: quinaquina • Br: capança-vermelha, falsa-quina, quinarana.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (Neotype of *Coutarea speciosa*, P-JU No. 9927a [P00680269], designated by Delprete [2015: 603], isoneotype P-JU No. 9927b [P00680270]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 13$  cm.

#### Genus *Duroia* L.f.

[1454] *Duroia aquatica* (Aubl.) Bremek.

*Recueil Trav. Bot. Néerl.* 31: 270 (Bremekamp 1934). — *Coupoui aquatica* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 16 [Jun.-Dec. 1775] (Aublet 1775). — *Cupirana aubletiana* Miers, *Apocyn. S. Am.*: 16 [May-June 1878] (Miers 1878), *nom. illeg. superfl.* (based on *Coupoui aquatica*).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kinuwup • Ka: atagali, atakali, yalakalu pupo • Wp: yanipa u • Wn: mutupupot • Nt: gaan maamadous, maamadous • Cr: konfitir-makak, mari-pwêl • Br: purui-grande.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000793078]).

INVENTORY DATA (FG). — 95 trees in 58 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.9$  cm.

[1455] *Duroia eriopila* L.f.

*Suppl. Pl.*: 209 ["1781" publ. Apr. 1782] (Linnaeus 1782). — *Genipa eriopila* (L.f.) Oken, *Allg. Naturgesch.* 3 (2): 886 (Oken 1841). — *Amaioua eriopila* (L.f.) Baill., *Hist. Pl. [Baillon]* 7: 387 [Feb. 1880] (Baillon 1880).

*Genipa merianae* Rich., *Actes Soc. Hist. Nat. Paris* 1: 107 [Oct. 1792] (Richard 1792). — *Gardenia merianae* (Rich.) Poir., *Encycl. [J.*

*Lamarck et al.*] Suppl. 2: 708 [3 July 1812] (Poiret 1812), *nom. illeg.* (*Duroia eriopila* in synonymy).

*Amaioua surinamensis* Steud., *Flora* 26 (45): 763 [17 Dec. 1843] (Steudel 1843), “*Amajoua*”. — *Duroia surinamensis* (Steud.) Benth. & Hook.f. ex B.D.Jacks., *Index Kew.* 1 (2): 804 [14 Dec. 1893] (Jackson 1893).

*Amaioua grandifolia* Miq., *Linnaea* 18: 291 [“1844” publ. Feb. (-May?) 1845] (Miquel 1845).

*Amaioua affinis* Miq., *Linnaea* 18: 613 [“1844” publ. prob. Aug. 1845] (Miquel 1845).

*Amaioua ursina* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (3): 168 (Standley 1930).

*Duroia eriopila* f. *glabra* Steyerl., *Mem. New York Bot. Gard.* 12 (3): 203 (Steyermark 1965).

VERNACULAR NAMES. — Pa: kinuwup • Ka: atagali, atakali, me:ku ubupo, wayamu wolekotopo • Wp: yanipa u • Cr: konfitir-makak, mari-pwël • Br: purui-grande.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *P. Gre-nand et al.* 3442.

INVENTORY DATA (FG). — 36 trees in 28 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20$  cm.

[1456] *Duroia longiflora* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 4: 181 (Ducke 1925).

VERNACULAR NAMES. — Pa: inam-etni-seine, kuyau-kamwi • Nt: maamadosu.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *S.A. Mori et al.* 21520.

INVENTORY DATA (FG). — 305 trees in 96 plots;  $F_{\max} = 4.2\%$ ;  $dbh_{\text{inv}} = 52.5$  cm.

[1457] *Duroia martiniana* (Miers) Bremek.

*Recueil Trav. Bot. Néerl.* 31: 270 (Bremekamp 1934). — *Cupirana martiniana* Miers, *Apocyn. S. Am.*: 17 [May-June 1878] (Miers 1878). — *Coupoui martiniana* (Miers) Kuntze, *Revis. Gen. Pl.* 2: 414 [5 Nov. 1891] (Kuntze 1891), “*Cupuia*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: kinuwup • Ka: atakali • Wp: yanipa u • Wn: mutupupot • Nt: maamadosu, pikin maamadosu.

HERBARIUM DATA (FG). — 49 collections at CAY. Sel. exs.: *C. Persson et al.* 2069.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.6$  cm.

[1458] *Duroia micrantha* (Ladbr.) Zarucchi & J.H.Kirkbr.

*Ann. Missouri Bot. Gard.* 77 (4): 851 (Zarucchi & Kirkbride 1990). — *Coupoui micrantha* Ladbr., *J. Bot.* 58: 176 (Ladbrook 1920).

*Duroia sprucei* Rusby, *Descr. S. Amer. Pl.* 133 [20 Dec. 1920] (Rusby 1920).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *O. Poncy et al.* 1746.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29$  cm.

Genus *Eumachia* DC.

[1459] *Eumachia boliviana* (Standl.) Delprete & J.H.Kirkbr.

*J. Bot. Res. Inst. Texas* 9: 76 (Delprete & Kirkbride 2015). — *Psychotria boliviana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 7 (3): 302 (Standley 1931). — *Margaritopsis boliviana* (Standl.) C.M.Taylor, *Syst. Geogr. Pl.* 75: 170 (Taylor 2005).

*Psychotria lawrancei* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (3): 281 (Standley 1937).

*Psychotria foetidiflora* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (3): 202 (Standley 1940).

*Psychotria kukenanensis* Steyerl., *Fieldiana, Bot.* 28 (3): 601 (Steyermark 1953).

*Psychotria turboensis* Standl. ex Steyerl., *Acta Bot. Venez.* 4: 101. (Steyermark 1964)

*Psychotria puberulenta* Steyerl., *Mem. New York Bot. Gard.* 23: 488 (Steyermark 1972).

*Psychotria plowmanii* Steyerl., *Ann. Missouri Bot. Gard.* 71 (4): 1178 (Steyermark 1984).

*Psychotria ronaldii* Steyerl., *Ann. Missouri Bot. Gard.* 74 (2): 111 (Steyermark 1987).

VERNACULAR NAMES. — Pa: mavinvi-kamwi • Wp: tapi'i wapa'a.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Feuillet et al.* 10354.

SIZE. — Up to 12 m tall.

Genus *Faramea* Aubl.

[1460] *Faramea corymbosa* Aubl.

*Hist. Pl. Guiane* 1: 102 [Jun.-Dec. 1775] (Aublet 1775).

*Faramea pendula* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 29 [15-21 Aug. 1841] (Poeppig 1841).

*Faramea truncata* DC., *Prodr. [A. P. de Candolle]* 4: 496 [late Sep. 1830] (Candolle 1830).

VERNACULAR NAMES. — Wp: ka'a pelele.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777662] designated by Lanjouw & Uittien [1940: 151]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.2$  cm.

[1461] *Faramea multiflora* A.Rich.

*Prodr.* [A. P. de Candolle] 4: 497 [late Sep. 1830] (Richard 1830). — *Coussarea multiflora* (A.Rich.) Lemée, *Fl. Guyane Franç.* 3: 542 (Lemée 1954).

*Coffea umbellata* Vell., *Fl. Flumin.* 63 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), *nom. illeg. hom., non* Ruiz & Pav. (Ruiz & Pavón 1799).

*Psychotria cyanea* Vell., *Fl. Flumin.* 68 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Faramea salicifolia* C.Presl, *Symb. Bot. [C. Presl]* 2: 24 [July 1834] (Presl 1834). — *Faramea multiflora* var. *salicifolia* (C.Presl) Steyererm., *Mem. New York Bot. Gard.* 17 (1): 394 (Steyermark 1967).

*Faramea amazonica* Müll.Arg., *Flora* 58: 470 (Müller 1875). — *Faramea multiflora* var. *amazonica* (Müll.Arg.) Steyererm., *Mem. New York Bot. Gard.* 17 (1): 392 (Steyermark 1967).

*Faramea egensis* Müll.Arg., *Flora* 58: 470 (Müller 1875).

*Faramea parviflora* Müll.Arg., *Flora* 58: 470 (Müller 1875).

*Faramea salicifolia* f. *paniculata* Kuntze, *Revis. Gen. Pl.* 1: 282 [5 Nov. 1891] (Kuntze 1891).

*Faramea salicifolia* f. *subumbellata* Kuntze, *Revis. Gen. Pl.* 1: 282 [5 Nov. 1891] (Kuntze 1891).

*Faramea maynensis* Spruce ex Rusby, *Bull. New York Bot. Gard.* 4 (13): 300 [25 June 1906] (Rusby 1906). — *Faramea multiflora* var. *maynensis* (Spruce ex Rusby) Steyererm., *Mem. New York Bot. Gard.* 17 (1): 393 (Steyermark 1967).

*Rudgea scandens* K.Krause, *Bot. Jahrb. Syst.* 40 (3): 342 [24 Jan. 1908] (Krause 1908).

*Faramea benensis* Rusby, *Mem. New York Bot. Gard.* 7: 379 (Rusby 1927). — *Faramea multiflora* var. *benensis* (Rusby) Steyererm., *Mem. New York Bot. Gard.* 17 (1): 394 (Steyermark 1967).

*Faramea hondurae* Standl., *J. Wash. Acad. Sci.* 18: 169 (Standley 1928).

*Faramea stenura* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 331 [24 Oct. 1929] (Standley 1929).

*Faramea talamancarum* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 332 [24 Oct. 1929] (Standley 1929).

*Faramea cuencana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 7 (2): 219 (Standley 1931).

*Faramea laxula* K.Krause, *Notizbl. Bot. Gart. Berlin-Dahlem* 15: 392 [30 Mar. 1941] (Krause 1941).

*Faramea cuatrecasii* Standl. ex Steyererm., *Acta Biol. Venez.* 4 (1): 42 (Steyermark 1964).

*Faramea multiflora* var. *epedunculata* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 392 (Steyermark 1967).

*Faramea talamancarum* f. *acutifolia* Dwyer, *Ann. Missouri Bot. Gard.* 54 (2): 141 [27 Oct. 1967] (Dwyer 1967).

NOTE. — The description and name of *F. multiflora* came from Richard (published in December 1830: 176), the text of which Candolle had seen a preprint version. The name is thus to be ascribed to Richard alone (not “A.Rich. ex DC.”).

VERNACULAR NAMES. — Wp: kusili sī ka’a, tapi’i wapa’a sili, uwa kaya • Wn: iliwaimë • Br: chacrona.

HERBARIUM DATA (FG). — 69 collections at CAY. Sel. exs.: L. C. Richard s.n. (lecto-, P[P00836846] designated by Jardim [Taylor & Jardim 2020: 121]).

SIZE. — Up to 10 m tall (Taylor *et al.* 2004).

[1462] *Faramea occidentalis* (L.) A.Rich.

*Mém. Rubiac.* 96 [Dec. 1830] (Richard 1830). — *Ixora occidentalis* L., *Syst. Nat.*, ed. 10, 2: 893 [7 June 1759] (Linnaeus 1759). — *Coffea occidentalis* (L.) Jacq., *Enum. Syst. Pl.*: 16 [Aug.-Sep. 1760] (Jacquin 1760). — *Tetramerium odoratissimum* C.F.Gaertn., *Suppl. Carp.*: 90 [May 1806] (Gaertner 1806), *nom. illeg. superfl.* (based on several previously published plates and citing several published names in synonymy, notably *Coffea occidentalis*). — *Antoniana laurifolia* Tussac, *Fl. Antill.* 2: 62 (Tussac 1818), *nom. illeg. superfl.* (refers to the plates of Plumier and Brown on which is based *Ixora occidentalis*). — *Tetramerium occidentale* (L.) Nees & Mart., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 13 (Nees & Martius 1824). — *Faramea odoratissima* DC., *Prodr. [A. P. de Candolle]* 4: 496 [late Sep. 1830] (Candolle 1830), *nom. illeg. superfl.* (based on *Ixora occidentalis*). — *Coussarea odoratissima* M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.*: 28 (Gómez 1889), *nom. illeg. superfl.* (based on *Tetramerium odoratissimum*, i.e. on *Coffea occidentalis*).

*Faramea sertulifera* DC., *Prodr. [A. P. de Candolle]* 4: 496 [late Sep. 1830] (Candolle 1830). — *Coussarea sertulifera* (DC.) M.Gómez, *Anales Soc. Esp. Hist. Nat.* 23: 292 (Gómez 1894).

*Darluca prostrata* Raf., *New Fl. [Rafinesque]* 4: 56 (Rafinesque 1838), *nom. inval.* (simultaneously published with *Neleixa prostrata* Raf.)

*Neleixa prostrata* Raf., *New Fl. [Rafinesque]* 4: 56 (Rafinesque 1838), *nom. inval.* (simultaneously published with *Darluca prostrata* Raf.)

*Faramea tenuifolia* Rusby, *Mem. New York Bot. Gard.* 7: 380 (Rusby 1927).

*Faramea zetekii* Standl., *Contr. Arnold Arbor.* 5: 146 (Standley 1933).

*Faramea belizensis* Standl., *Publ. Carnegie Inst. Wash.* 461: 90 [26 Nov. 1935] (Standley 1935).

*Faramea occidentalis* subsp. *lonchocalyx* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 385 (Steyermark 1967).

*Faramea occidentalis* var. *brachycalyx* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 385 (Steyermark 1967).

*Faramea occidentalis* var. *meridionalis* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 384 (Steyermark 1967).

*Faramea standleyana* L.O.Williams, *Phytologia* 26 (6): 490 [11 Oct. 1973] (Williams 1973).

NOTE. — Jacquin did not explicitly cite *Ixora occidentalis* L. as the basionym of his *Coffea occidentalis*, but the use of the same epithet and iconotype (“Plum. ic. 156, f. 2”) is an indirect reference to it.

VERNACULAR NAMES. — Pa: waaduk-purubumna.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: M.-F. Prévost & P. Grenand 3778, dbh 10 cm.

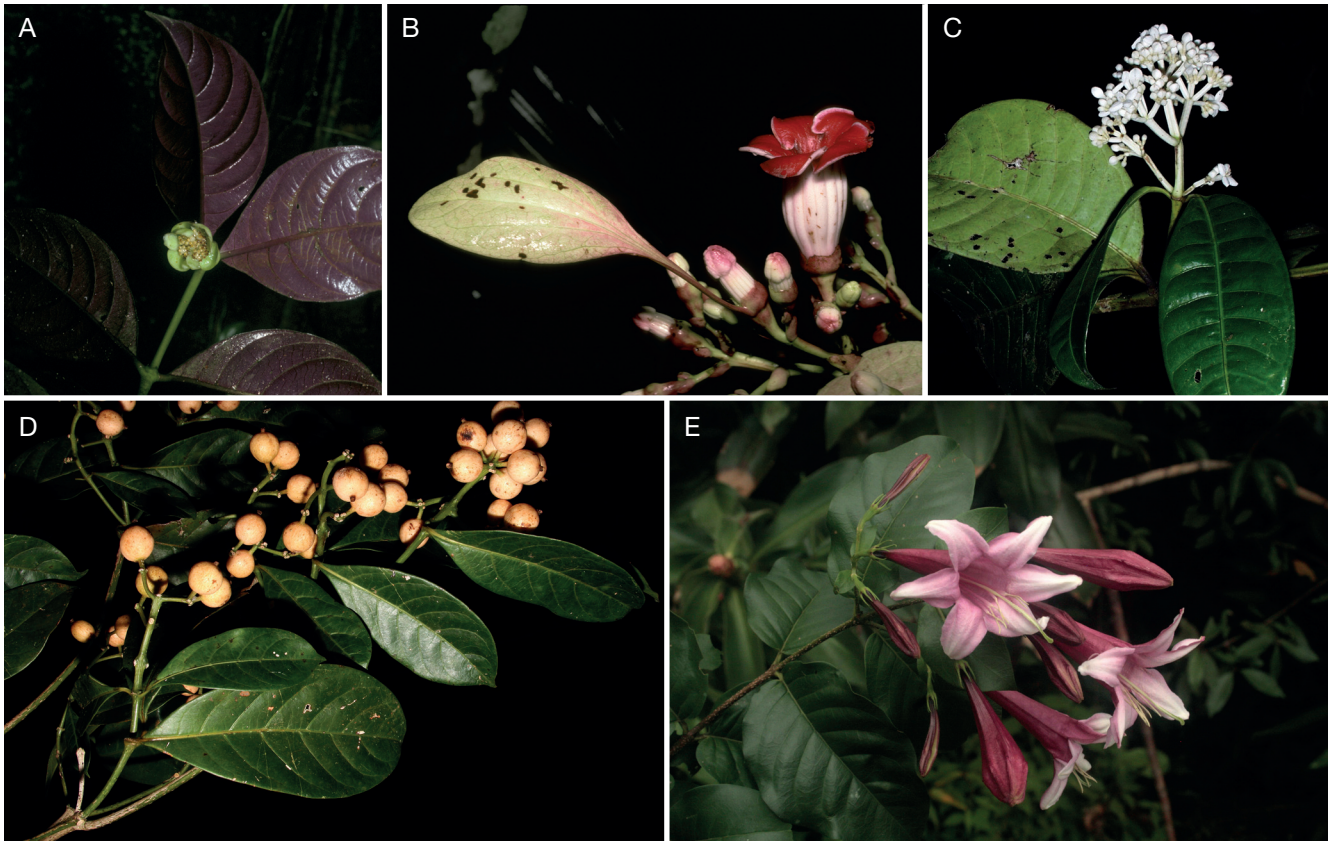


FIG. 49. — Rubiaceae: **A**, *Amaioua guianensis* Aubl. (D. Sabatier *et al.* 4792); **B**, *Capirona macrophylla* (Poepp.) Delprete (D. Sabatier 3554); **C**, *Coussarea machadoana* Standl. (D. Sabatier & J.-F. Molino 4839); **D**, *Coussarea paniculata* (Willd.) Standl. (D. Sabatier & J.-F. Molino 5307); **E**, *Coutarea hexandra* (Jacq.) K.Schum. (J.-F. Molino *et al.* 3382). A, © M.-F. Prévost/IRD; B-D, © D. Sabatier/IRD; E, © J.-F. Molino/IRD.

[1463] *Faramea pedunculata* (Bremek.) Delprete

*Blumea* 51 (2): 361 (Delprete 2006). — *Faramea sessiliflora* Aubl. var. *pedunculata* Bremek., *Brittonia* 8 (4): 241 [Jan. 1957] (Bremekamp 1957).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: yanipa lali sili.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: R.S. Cowan 38808 (original material US [00129992]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.5$  cm.

[1464] *Faramea polytriadophora* Bremek.

*Brittonia* 8 (4): 241 [Jan. 1957] (Bremekamp 1957).

HERBARIUM DATA (FG). — A single collection, D. Sabatier & E. Fonty 5590.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.7$  cm.

[1465] *Faramea sessilifolia* (Kunth) DC.

*Prodr.* [A. P. de Candolle] 4: 497 [late Sep. 1830] (Candolle 1830). — *Tetramerium sessilifolium* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 374 [21 Nov. 1819] (Kunth 1819). — *Ixora sessilifolia* (Kunth) Spreng., *Syst. Veg.* [Sprengel] 1: 409 [“1825” publ. late 1824] (Sprengel 1824).

*Faramea longifolia* Benth., *J. Bot.* [Hooker] 3: 234 (Bentham 1841).

*Faramea coarinnensis* Müll.Arg., *Fl. Bras.* [Martius] 6 (5): 133 [1 July 1881] (Müller 1881).

*Faramea longifolia* var. *petiolaris* Müll.Arg., *Fl. Bras.* [Martius] 6 (5): 133 [1 July 1881] (Müller 1881).

*Faramea planitiarum* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (3): 187 (Standley 1940).

*Faramea costata* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 389 (Steyermark 1967).

HERBARIUM DATA (FG). — A single collection, J.-J. de Granville 638.

SIZE. — Suriname. S. Koemar & K. McDonnell 46 (MO), 15 m.

[1466] *Faramea* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino 2144*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10.2$  cm.

Genus *Ferdinandusa* Pohl[1467] *Ferdinandusa goudotiana* K.Schum.

*Fl. Bras. [Martius]* 6 (6): 211 [15 June 1889] (Schumann 1889).

*Ferdinandusa goudotiana* var. *eciliata* Steyerl., *Mem. New York Bot. Gard.* 23: 281 (Steyerl. 1972).

*Ferdinandusa goudotiana* var. *psilocarpa* Steyerl., *Mem. New York Bot. Gard.* 23: 281 (Steyerl. 1972).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Loubry 1892*.

SIZE. — Up to 18 m tall (Taylor *et al.* 2007).

[1468] *Ferdinandusa paraensis* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 3: 259 (Ducke 1922).

*Ferdinandusa paraensis* var. *palustris* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 259 (Ducke 1922).

VERNACULAR NAMES. — Pa: ā-wakaha • Wp: wila to tawa • Br: acauá, bacabinha-quina.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *S.A. Mori et al. 21018*.

INVENTORY DATA (FG). — 75 trees in 37 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 40.9$  cm.

[1469] *Ferdinandusa* sp. A  
(Fig. 50A)

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost 4928*.

INVENTORY DATA (FG). — 12 trees in 3 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 16.2$  cm.

Genus *Genipa* L.[1470] *Genipa americana* L. var. *americana*

*Syst. Nat.*, ed. 10, 2: 931 [7 June 1759] (Linnaeus 1759), “*americ.*”. — *Gardenia genipa* Sw., *Prodr. [Swartz]*: 51 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Genipa americana*). — *Genipa grandifolia* Pers., *Syn. Pl. [Persoon]* 1: 198 [1 Apr.-15 June 1805] (Persoon 1805), *nom. illeg. superfl.* (based on *Genipa americana*).

*Genipa oblongifolia* Ruiz & Pav., *Flora Peruviana* 2: 67 (Ruiz & Pavón 1799). — *Gardenia oblongifolia* (Ruiz & Pav.) Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 708 [3 July 1812] (Poir. 1812).

*Genipa humilis* Vell., *Fl. Flumin.* 94 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Genipa barbata* C.Presl, *Symb. Bot. [C. Presl]* 2: 13 [July 1834] (Presl 1834).

*Genipa excelsa* K.Krause, *Bot. Jahrb. Syst.* 40 (3): 327 [24 Jan. 1908] (Krause 1908).

*Genipa codonocalyx* Standl., *Contr. U.S. Natl. Herb.* 17: 446 (Standley 1914).

NOTE. — Domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: arasgu • Ka: tabulupo, tapulupo • Te: dzádupa uhu • Wp: yanipa, yanipa e’e • Wn: kupë • Nt: uman tapupa • Cr: jénipa, jinipa • Fr: génipa • Br: genipapo, jenipapo.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sibatier & M.-F. Prévost 4201*.

SIZE. — Up to 60 cm dbh (Taylor *et al.* 2004).

[1471] *Genipa americana* var. *caruto* (Kunth) K.Schum.

*Fl. Bras. [Martius]* 6 (6): 352 [15 June 1889] (Schumann 1889). — *Genipa caruto* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 407 [13 Mar. 1820] (Kunth 1820).

*Genipa pubescens* DC., *Prodr. [A. P. de Candolle]* 4: 378 [late Sep. 1830] (Candolle 1830).

*Genipa americana* f. *grandifolia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 171 (Chodat & Hassler 1904).

*Genipa americana* f. *parvifolia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 171 (Chodat & Hassler 1904).

*Genipa americana* f. *jorgensenii* Steyerl., *Mem. New York Bot. Gard.* 23: 353 (Steyerl. 1972).

VERNACULAR NAMES. — Br: genipapo.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *V. Hequet 159*.

SIZE. — Guyana. *M.J. Jansen-Jacobs et al.* 78 (MO), 8 m × 30 cm.

[1472] *Genipa spruceana* Steyerl.

*Mem. New York Bot. Gard.* 23: 353 (Steyerl. 1972).

VERNACULAR NAMES. — Pa: amuwán, arasgu • Te: dzádupa’i • Wp: yanipa i • Wn: pisusuk • Nt: uman tapupa • Cr: jinipa-dilo, jiniparivié, ti-jinipa • Fr: petit génipa.

HERBARIUM DATA (FG). — 60 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 2032*.

SIZE. — Brazil, Pará. *C.A. Cid Ferreira 8010* (MO), 10 m × 18 cm.

Genus *Guettarda* L.

[1473] *Guettarda argentea* Lam.

*Encycl. [J. Lamarck et al.]* 3 (1): 54 [19 Oct. 1789] (Lamarck 1789). — *Matthiola argentea* (Lam.) Kuntze, *Revis. Gen. Pl.* 1: 288 [5 Nov. 1891] (Kuntze 1891).

*Guettarda argentea* var. *glabrata* Urb., *Symb. Antill. [Urban]* 6 (1): 47 [15 July 1909] (Urban 1909).

VERNACULAR NAMES. — Pa: seivan.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5027, dbh = 46.5 cm.

Genus *Isertia* Schreb.

[1474] *Isertia coccinea* (Aubl.) J.F.Gmel.

*Syst. Nat.*, ed. 13[bis], 2 (1): 567 [late Sep.-Nov. 1791] (Gmelin 1791). — *Guettarda coccinea* Aubl., *Hist. Pl. Guiane* 1: 317 [Jun.-Dec. 1775] (Aublet 1775). — *Dubamelia coccinea* (Aubl.) Dum. Cours., *Bot. Cult.*, ed. 2, 4: 328 (Dumont 1811). — *Phosanthus coccineus* (Aubl.) Raf., *Ann. Gen. Sci. Phys.* 6: 82 (Rafinesque 1820), “*coccinea*”.

*Isertia flava* Miq., *Linnaea* 18: 613 [“1844” publ. prob. Aug. 1845] (Miquel 1845).

*Isertia coccinea* var. *pentamera* Bremek., *Recueil Trav. Bot. Néerl.* 31: 263 (Bremekamp 1934).

VERNACULAR NAMES. — Pa: audik-amana, audika-retni, tahuma • Wp: wainimi susu • Wn: palalipanuimë • Nt: kotika uman gonbe • Cr: lanmou-rouj • Br: coralleira.

HERBARIUM DATA (FG). — 96 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P[P02273439] designated by Boom [1984: 439]).

INVENTORY DATA (FG). — 14 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.6$  cm.

[1475] *Isertia hypoleuca* Benth.

*J. Bot. [Hooker]* 3: 220 (Bentham 1841). — *Isertia coccinea* var. *hypoleuca* (Benth.) K.Schum., *Fl. Bras. [Martius]* 6 (6): 286 [15 June 1889] (Schumann 1889).

*Isertia breviflora* Mart. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 825 (Steudel 1840), *nom. nud.*

*Cassupa scarlatina* K.Schum. & K.Krause, *Verb. Bot. Vereins Prov. Brandenburg* 50: 98 [30 Sep. 1908] (Schumann & Krause 1908). — *Isertia scarlatina* (K.Schum. & K.Krause) Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (5): 346 (Standley 1931).

*Isertia hoehnei* K.Krause, *Arch. Bot. São Paulo* 1: 115 (Krause 1925).

VERNACULAR NAMES. — Ka: melamelulan • Wp: wainimi susu.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *L.E. Skog & C. Feuillet* 7440.

SIZE. — Up to 15 m tall, to 35 cm dbh.

[1476] *Isertia parviflora* Vahl

*Eclog. Amer.* 2: 28 (Vahl 1798).

*Brignolia acuminata* DC., *Prodr. [A. P. de Candolle]* 4: 444 [late Sep. 1830] (Candolle 1830).

*Brignolia pubigera* Benth., *J. Bot. [Hooker]* 3: 219 (Bentham 1841).

*Bruinsmania isertioides* Miq., *Linnaea* 17: 73 (Miquel 1843).

*Isertia glabra* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 179 (Ducke 1925).

*Isertia parviflora* var. *hirta* Steyerm., *Mem. New York Bot. Gard.* 17 (1): 295 (Steyermark 1967).

*Yutajea liesneri* Steyerm., *Ann. Missouri Bot. Gard.* 74 (3): 676 (Steyermark 1987).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *L. Andersson* 1993.

SIZE. — Up to 12 m tall, to 15 cm dbh.

[1477] *Isertia spiciformis* DC.

*Prodr. [A. P. de Candolle]* 4: 437 [late Sep. 1830] (Candolle 1830), “*spicaeformis*”.

*Isertia commutata* Miq., *Stirp. Surinam. Select.*: 172 [“1850” publ. Mar. 1851] (Miquel 1851).

*Isertia bullata* K.Schum., *Fl. Bras. [Martius]* 6 (6): 286 [15 June 1889] (Schumann 1889).

*Isertia viscosa* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 260 (Ducke 1922).

*Isertia pterantha* Bremek., *Brittonia* 8 (4): 242 [Jan. 1957] (Bremekamp 1957).

VERNACULAR NAMES. — Ka: melamelulan • Wp: wainimi susu.

HERBARIUM DATA (FG). — 93 collections at CAY. Sel. exs.: *S.A. Mori et al.* 26555.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.1$  cm.

Genus *Ixora* L.

[1478] *Ixora ferrea* (Jacq.) Benth.

*Linnaea* 23: 447 (Bentham 1850). — *Sideroxyloides ferreum* Jacq., *Select. Stirp. Amer. Hist.*: 19 [5 Jan. 1763] (Jacquin 1763). — *Siderodendrum ferreum* (Jacq.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 242 [late Sep.-Nov. 1791] (Gmelin 1791). — *Siderodendrum ferreum* (Jacq.) Lam., *Tabl. Encycl.* 1[1 (2)]: 282 [13 Feb. 1792] (Lamarck 1792), isonym. — *Siderodendrum triflorum* Vahl, *Eclog. Amer.* 1: 10 (Vahl 1797), *nom. illeg. superfl.* (based on *Sideroxyloides ferreum*).

VERNACULAR NAMES. — Wp: walaku ki'iy.

HERBARIUM DATA (FG). — 48 collections at CAY. Sel. exs.: *J.-J. de Granville et al.* 6268.

SIZE. — Up to 12 m tall, to 15 cm dbh.

[1479] *Ixora panurensis* Müll.Arg.

*Flora* 58: 454 (Müller 1875).

*Ixora ulei* K.Krause, *Notizbl. Königl. Bot. Gart. Berlin* 6: 205 [15 May 1914] (Krause 1914).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Larpin* 882.

INVENTORY DATA (FG). — 5 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17.7$  cm.

[1480] *Ixora schomburgkiana* Benth.

*Linnaea* 23: 448 (Bentham 1850).

*Siderodendrum macrophyllum* Benth., *J. Bot. [Hooker]* 3: 220 (Bentham 1841), “*Siderodendron*”.

*Ixora gleasonii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 344 [24 Oct. 1929] (Standley 1929).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier* 1433.

SIZE. — Up to 10 m tall, to 15 cm dbh.

Genus *Kutchubaea* Fisch. ex DC.[1481] *Kutchubaea insignis* Fisch. ex DC.  
(Fig. 50D)

*Prodr. [A. P. de Candolle]* 4: 373 [late Sep. 1830] (Candolle 1830).

*Gardenia integra* A.Rich., *Mém. Rubiac.* 241 [Dec. 1830] (Richard 1830), *nom. illeg. superfl.* (includes original material of *Kutchubaea insignis*).

*Kutchubaea laxiflora* Benth. & Hook.f., *Gen. Pl. [Bentham & Hooker f.]* 2 (1): 98 [7-9 Apr. 1873] (Bentham & Hooker 1873), “*Kotchubaea*”, *pro parte quoad specim. in flore, nom. inval.* (genus name and epithet not associated).

NOTES. — The original description of *Gardenia integra* (Richard 1830: 241) is followed by: “*Crescit in Guianâ* (Richard). *Kutchubaea insignis* Fischer ex De Cand. *annot. in herb. Mus. Paris.*” The first sentence refers to *L.C. Richard s.n.* (P00836504), on whose left label Achille Richard wrote “*Gardenia integra* nob.” The second sentence is an indirect reference to another specimen at P. J. Martin *s.n.* [P00836503], which bears a label in Candolle’s hand that reads “*Kutchubaea insignis* Fisch.” The original material of *G. integra* thus comprises two collections, making lectotypification of this name necessary. *L.C. Richard s.n.*, barcode P00836504, is here designated as lectotype. Also, the publication of *K. insignis* Fisch. ex DC. predates that of *G. integra*; hence the latter name is superfluous and illegitimate.

VERNACULAR NAMES. — Pa: tukuyuy-kamwi.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material P[P00836503]).

INVENTORY DATA (FG). — 10 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.2$  cm.

Genus *Ladenbergia* Klotzsch[1482] *Ladenbergia lambertiana*  
(A.Braun ex Mart.) Klotzsch

*Getreue Darstell. Gew.* 14 (2): t. 15 (Klotzsch 1846). — *Cinchona lambertiana* A.Braun ex Mart., *Reise Bras. [Spix & Mart.]* 3: 1286 (Martius 1831). — *Remijia lambertiana* (A.Braun ex Mart.) Wedd., *Ann. Sci. Nat., Bot. sér.* 3, 10: 13 [Dec. 1848] (Weddell 1848). — *Cascarilla lambertiana* (A.Braun ex Mart.) Wedd., *Hist. Nat. Quinquinas*: 85 (Weddell 1849). — *Buena lambertiana* (A.Braun ex Mart.) Wedd., *J. Linn. Soc., Bot.* 11: 187 [“1871” publ. Dec. 1869] (Weddell 1869).

*Ladenbergia schomburgkii* Klotzsch, *Getreue Darstell. Gew.* 14 (2): t. 15 (Klotzsch 1846). — *Cascarilla schomburgkii* (Klotzsch) Triana, *Revista Acad. Colomb. Ci. Exact.* 2: 410 (Triana 1938).

*Ladenbergia lucens* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 7 (4): 362 (Standley 1931).

*Ladenbergia puberula* Steyerl., *Mem. New York Bot. Gard.* 23: 270 (Steyermark 1972).

*Ladenbergia venamoensis* Steyerl., *Mem. New York Bot. Gard.* 23: 271 (Steyermark 1972).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville & F. Crozier* 17010.

SIZE. — Up to 20 m tall (Steyermark 1974).

Genus *Morinda* L.[1483] *Morinda citrifolia* L.

*Sp. Pl.* 1: 176 [1 May 1753] (Linnaeus 1753), *nom. cons.* — *Samama citrifolia* (L.) Kuntze, *Revis. Gen. Pl.* 1: 297 [5 Nov. 1891] (Kuntze 1891).

*Platanocephalus orientalis* Crantz, *Inst. Rei Herb.* 1: 349 [Jan.-July 1766] (Crantz 1766).

*Morinda tinctoria* Noronha, *Verh. Batav. Genootsch. Kunst.* 5 (Art. 4): 20 (Noronha 1790), *nom. nud.*

*Morinda tomentosa* B.Heyne ex Roth, *Syst. Veg. [Roemer & Schultes]* 5: 216 [Dec. 1819] (Roth 1819).

*Morinda angustifolia* Roth, *Nov. Pl. Sp.* 147 [Apr. 1821] (Roth 1821).

*Morinda chachuca* Buch.-Ham., *Trans. Linn. Soc. London* 13 (2): 536 (Buchanan-Hamilton 1822).

*Morinda nodosa* Buch.-Ham., *Trans. Linn. Soc. London* 13 (2): 537 (Buchanan-Hamilton 1822).

*Morinda mudia* Buch.-Ham., *Trans. Linn. Soc. London* 13 (2): 536 (Buchanan-Hamilton 1822).

*Morinda multiflora* Roxb., *Fl. Ind.* 2: 200 (Roxburgh 1824).

*Morinda stenophylla* Spreng., *Syst. Veg. [Sprengel]* 1: 749 [1825 publ. late 1824] (Sprengel 1824). — *Morinda coreia* Buch.-Ham. var. *stenophylla* (Spreng.) Chandrab., *Fl. Coimbatore [M. Chandrabose & N.C. Nair]*: xxviii, 142 (Chandrabose 1988).

*Morinda macrophylla* Desf., *Tabl. École Bot.*, ed. 3 [Cat. Pl. Horti Paris.], 404 (Desfontaines 1829).



*Morinda aspera* Wight & Arn., *Prodr. Fl. Ind. Orient.* 1: 420 [10 Oct. 1834] (Wight & Arnott 1834). — *Morinda pubescens* Sm. var. *aspera* (Wight & Arn.) M.Gangop., *Nelumbo* 59 (1): 24 (Gangopadhyay 2017).

*Morinda quadrangularis* G.Don, *Gen. Hist.* 3: 545 [8-15 Nov. 1834] (Don 1834).

*Morinda ligulata* Blanco, *Fl. Filip. [F.M. Blanco]*, ed. 2: 105 (Blanco 1845).

*Morinda littoralis* Blanco, *Fl. Filip. [F.M. Blanco]*, ed. 2: 109 (Blanco 1845), “*littoralis*”.

*Morinda teysmanniana* Miq., *Fl. Ned. Ind.* 2: 244 (Miquel 1857).

*Morinda zollingeriana* Miq., *Fl. Ned. Ind.* 2: 243 (Miquel 1857).

*Sarcocephalus leichhardtii* F.Muell., *Essay Pl. Burdekin*: 12 (Muel-ler 1860).

*Morinda citrifolia* L. f. *potteri* H.St.John, *Bull. Torrey Bot. Club* 111 (4): 482 (St.John 1984).

NOTE. — A species native to India, West Indies and Australia, cultivated and naturalised throughout the tropics. Cultivated and naturalised in Central America, the Greater Antilles, and in the Guianas; several naturalised populations have recently been observed in French Guiana (Delprete, pers. obs.)

VERNACULAR NAMES. — Fr: noni.

HERBARIUM DATA (FG). — 5 collections. Sel. exs.: *M.-F. Prévost* 4686.

SIZE. — Up to 12 m tall, to 15 cm dbh.

### Genus *Pagamea* Aubl.

[1484] *Pagamea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 113 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Pagamea guianensis* var. *angustifolia* Progel, *Fl. Bras. [Martius]* 6 (1): 285 [1 Aug. 1868] (Progel 1868).

*Pagamea guianensis* var. *parviflora* Spruce ex Progel, *Fl. Bras. [Martius]* 6 (1): 285 [1 Aug. 1868] (Progel 1868).

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777682]) designated by Lanjouw & Uittien [1940: 152]; *P.G. Delprete & F. Crozier* 7150.

INVENTORY DATA (FG). — 11 trees in 3 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 13.8$  cm.

[1485] *Pagamea thyrsoflora* Spruce ex Benth.

*J. Proc. Linn. Soc., Bot.* 1: 110 [“1857” publ. 1856] (Bentham 1856).

HERBARIUM DATA (FG). — A single collection at CAY, *J.-J. de Granville* 13833.

SIZE. — Up to 10 m tall.

### Genus *Palicourea* Aubl.

[1486] *Palicourea brachyloba* (Müll.Arg.) B.M.Boom

*Brittonia* 37 (2): 209 (Boom 1985). — *Psychotria brachyloba* Müll. Arg., *Fl. Bras. [Martius]* 6 (5): 243 [1 July 1881] (Müller 1881). — *Uragoga brachyloba* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 959 [5 Nov. 1891] (Kuntze 1891).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville* B-5356.

SIZE. — Up to 12 m tall (Boom & Delprete 2002).

[1487] *Palicourea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 173 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Stephanium guianense* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 368 [late Sep.-Nov. 1791] (Gmelin 1791). — *Psychotria palicourea* Sw., *Fl. Ind. Occid.* 1: 433 [Nov. 1797] (Swartz 1797), *nom. illeg. superfl.* (based on *Palicourea guianensis*). — *Simira palicourea* Poir., *Encycl. [J. Lamarck et al.]* 7: 196 [6 July 1806] (Poiret 1806), *nom. illeg.* (based on the illegitimate *Psychotria palicourea*). — *Uragoga palicourea* Kuntze, *Revis. Gen. Pl.* 1: 300 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Palicourea guianensis*).

*Palicourea barbinervia* DC., *Prodr. [A. P. de Candolle]* 4: 530 [late Sep. 1830] (Candolle 1830). — *Uragoga barbinervia* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 959 [5 Nov. 1891] (Kuntze 1891). — *Palicourea guianensis* subsp. *barbinervia* (DC.) Steyermark, *Mem. New York Bot. Gard.* 23: 730 (Steyermark 1972).

*Psychotria lutea* Spreng. ex DC., *Prodr. [A. P. de Candolle]* 4: 530 [late Sep. 1830] (Candolle 1830), *nom. nud. pro syn.*

*Psychotria cataractarum* Müll.Arg., *Fl. Bras. [Martius]* 6 (5): 226 [1 July 1881] (Müller 1881). — *Nonatelia cataractarum* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 1: 291 [5 Nov. 1891] (Kuntze 1891).

*Palicourea guianensis* var. *tetramera* Bremek., *Recueil Trav. Bot. Néerl.* 31: 283 (Bremekamp 1934).

*Palicourea guianensis* var. *trimera* Bremek., *Recueil Trav. Bot. Néerl.* 31: 283 (Bremekamp 1934).

*Palicourea guianensis* f. *glabra* Steyermark, *Mem. New York Bot. Gard.* 23: 730 (Steyermark 1972).

*Palicourea guianensis* subsp. *occidentalis* Steyermark, *Mem. New York Bot. Gard.* 23: 729 (Steyermark 1972).

*Palicourea guianensis* var. *glabrescens* Steyermark, *Mem. New York Bot. Gard.* 23: 730 (Steyermark 1972).

VERNACULAR NAMES. — Pa: audik-amana, audika-retni • Ka: maipuli elepali, maipyuli kiyelapole, matula, padula, patula • Wp: tewitulū u, tewitulū wate’e, tewitulū wate’e • Nt: ayee wato, ayuwato • Cr: bwa-fizi • Br: erva-de-rato.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00778113]) designated by Lanjouw & Uittien [1940: 155]).

INVENTORY DATA (FG). — 29 trees in 17 plots;  $F_{\max} = 2.7\%$ ;  $dbh_{\text{inv}} = 31.5$  cm.

Genus *Posoqueria* Aubl.[1488] *Posoqueria gracilis* (Rudge) Roem. & Schult.

*Syst. Veg. [Roemer & Schultes]* 5: 227 [Dec. 1819] (Roemer & Schultes 1819). — *Solena gracilis* Rudge, *Pl. Guian. [Rudge]* 1 (3): 27 [June 1805] (Rudge 1805). — *Tocoyena gracilis* (Rudge) A.Rich., *Mém. Rubiac.*: 167 [Dec. 1830] (Richard 1830). — *Posoqueria latifolia* subsp. *gracilis* (Rudge) Steyer., *Mem. New York Bot. Gard.* 17 (1): 327 (Steyermark 1967).

NOTE. — Even though volume 5 of the *Systema vegetabilium* was published shortly after Roemer's death, Schultes' foreword clearly confirms Roemer's prominent role. Therefore, contrary to Stafleu & Cowan's recommendation (1983: TL-2-9408), most names should be ascribed to Roemer and Schultes, not Schultes alone.

VERNACULAR NAMES. — Wp: aliwa.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *E. Rudge s.n.* (original material BM[BM001008906]).

SIZE. — Guyana. *P. Mutchnick* 836 (MO), 20 m.

[1489] *Posoqueria latifolia* (Rudge) Roem. & Schult.

*Syst. Veg. [Roemer & Schultes]* 5: 227 [Dec. 1819] (Roemer & Schultes 1819). — *Solena latifolia* Rudge, *Pl. Guian. [Rudge]* 1 (3): 26 [June 1805] (Rudge 1805). — *Ucristiana insignis* Willd. ex Spreng., *Syst. Veg. [Sprengel]* 1: 761 ["1825" publ. late 1824] (Sprengel 1824), *nom. illeg. superfl.* (based on *Tocoyena latifolia*).

*Tocoyena speciosa* Rich., *Actes Soc. Hist. Nat. Paris* 1: 107 [Oct. 1792] (Richard 1792).

*Tocoyena latifolia* Lam., *Tabl. Encycl.* 2[5 (2)]: 259 [31 Oct. 1819] (Lamarck 1819).

*Tocoyena insignis* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 229 [Dec. 1819] (Roemer & Schultes 1819). — *Posoqueria insignis* (Roem. & Schult.) Nees, *Flora* 4 (1): 301 [21 May 1821] (Nees 1821).

*Tocoyena longifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 411 [13 Mar. 1820] (Kunth 1820). — *Ucristiana humboldtii* Spreng., *Syst. Veg. [Sprengel]* 1: 761 ["1825" publ. late 1824] (Sprengel 1824), *nom. illeg. superfl.* (based on *Tocoyena longifolia*).

*Tocoyena mutisii* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 411 [13 Mar. 1820] (Kunth 1820). — *Ucristiana mutisii* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 1: 761 ["1825" publ. late 1824] (Sprengel 1824).

*Tocoyena macrophylla* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 412 [13 Mar. 1820] (Kunth 1820). — *Ucristiana macrophylla* (Kunth) D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 798 [July 1839] (Dietrich 1839). — *Posoqueria macrophylla* (Kunth) Hemsl., *Biol. Cent.-Amer., Bot.* 2 (7): 39 [Apr. 1881] (Hemsl. 1881).

*Posoqueria revoluta* Schrad., *Gött. Gel. Anz.* 2: 714 [5 May 1821] (Schrad. 1821). — *Solena revoluta* (Schrad.) D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 799 [July 1839] (Dietrich 1839).

*Gardenia suaveolens* Vell., *Fl. Flumin.*: 102 ["1825" publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829), "*suave-olens*".

*Posoqueria decora* DC., *Prodr. [A. P. de Candolle]* 4: 375 [late Sep. 1830] (Candolle 1830). — *Solena decora* (DC.) D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 799 [July 1839] (Dietrich 1839).

*Posoqueria lucida* Mart., *Flora* 24 (2, Beibl.): 77 (Martius 1841).

*Posoqueria macropus* Mart., *Flora* 24 (2, Beibl.): 79 (Martius 1841).

*Stannia panamensis* Walp. & Duchass., *Linnaea* 23: 755 ["1850" publ. Jan. 1851] (Walpers & Duchassaing 1851). — *Posoqueria panamensis* (Walp. & Duchass.) Walp., *Ann. Bot. Syst. [Walpers]* 2 (5): 797 [21-24 Apr. 1852] (Walpers 1852).

*Stannia metensis* H.Karst., *Linnaea* 28: 441 (Karsten 1857). — *Posoqueria metensis* (H.Karst.) R.Knuth, *Repert. Spec. Nov. Regni Veg. Beih.* 43: 667 (Knuth 1928).

*Stannia grandiflora* H.Karst., *Fl. Columb. [H. Karsten]* 1 (1): 31 [6 Apr. 1859] (Karsten 1859). — *Posoqueria panamensis* subsp. *grandiflora* (H.Karst.) Steyer., *Mem. New York Bot. Gard.* 17 (1): 325 (Steyermark 1967).

*Posoqueria multiflora* Lem., *Ill. Hort.* 16: t. 597 (Lemaire 1869), *nom. illeg. hom., non* (Willd.) Blume (1826).

*Posoqueria spraguei* Wernham, *Bull. Misc. Inform. Kew* 1914 (2): 66 [30 Mar. 1914] (Wernham 1914).

*Oxyanthus isthmia* W.Mill. & L.H.Bailey, *Stand. Cycl. Hort.* 4: 2419 [23 Feb. 1916] (Miller & Bailey 1916).

*Posoqueria mutisii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 232 (Standley 1936).

NOTE. — See note under *Posoqueria gracilis* as to Roemer and Schultes authority.

VERNACULAR NAMES. — Pa: mavinvi-kamwi, mbinbi-wašiuone, pune-etni-kamwi • Ka: kuyaken elepali, pipya tamili • Wp: aliwa so átá, aliwa so u, aliwa u • Wn: meku susu • Br: açucena-do-mato, lirio-do-mato.

HERBARIUM DATA (FG). — 96 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM001008911]).

INVENTORY DATA (FG). — 329 trees in 102 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

[1490] *Posoqueria longiflora* Aubl.  
(Fig. 50B)

*Hist. Pl. Guiane* 1: 134 [Jun.-Dec. 1775] (Aublet 1775). — *Kyr-tanthus longiflorus* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 362 [late Sep.-Nov. 1791] (Gmelin 1791). — *Solena longiflora* (Aubl.) Willd., *Sp. Pl.*, ed. 4 1 (2): 961 [July 1798] (Willdenow 1798).

*Willdenovia schreberi* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 362 [late Sep.-Nov. 1791] (Gmelin 1791).

*Tocoyena undulatifolia* A.Rich., *Mém. Rubiac.* 167 [Dec. 1830] (Richard 1830).

*Posoqueria acuminata* Mart., *Flora* 24 (2, Beibl.): 79 (Martius 1841).

VERNACULAR NAMES. — Pa: inuva-kamwi • Ka: aimyala posowepo, kapaya wati • Te: aliwa • Wp: aliwa • Wn: asisi, meku susu, mun-patutpë • Nt: agu siton • Cr: grènn-koumarou • Br: açucena-do-mato, papa-terra.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777902] designated by Lanjouw & Uttien [1940: 156]).

SIZE. — Up to 10 m tall (Taylor *et al.* 2004).

Genus *Psychotria* L.

[1491] *Psychotria anceps* Kunth

*Nova genera et species plantarum* [H.B.K.] 3: 360 [21 Nov. 1819] (Kunth 1819). — *Uragoga anceps* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 959 [5 Nov. 1891] (Kuntze 1891).

*Psychotria salicifolia* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 356 [21 Nov. 1819] (Kunth 1819). — *Uragoga salicifolia* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 962 [5 Nov. 1891] (Kuntze 1891).

*Psychotria lucida* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 361 [21 Nov. 1819] (Kunth 1819).

*Psychotria viburnoides* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 361 [21 Nov. 1819] (Kunth 1819). — *Uragoga viburnoides* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 963 [5 Nov. 1891] (Kuntze 1891), “*viburnodes*”.

*Psychotria patrisii* DC., *Prodr. [A. P. de Candolle]* 4: 510 [late Sep. 1830] (Candolle 1830). — *Uragoga patrisii* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 962 [5 Nov. 1891] (Kuntze 1891). — *Mapouria patrisii* (DC.) Lemée, *Fl. Guyane Franç.* 3: 549 (Lemée 1954).

*Psychotria chlorantha* Benth., *J. Bot. [Hooker]* 3: 225 (Bentham 1841). — *Uragoga chlorantha* (Benth.) Kuntze, *Revis. Gen. Pl.* 2: 960 [5 Nov. 1891] (Kuntze 1891).

*Mapouria corymbifera* Müll.Arg., *Flora* 59: 464 (Müller 1876). — *Uragoga corymbifera* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 960 [5 Nov. 1891] (Kuntze 1891).

*Mapouria corumbensis* S.Moore, *Trans. Linn. Soc. London, Bot.* 4 (3): 380 [“1894-96” publ. Dec. 1895] (Moore 1895). — *Psychotria corumbensis* (S.Moore) Hoehne, *Ind. Bibl. Pl. Col. Com. Rondon:* 387 (Hoehne 1951).

*Psychotria familiarifolia* Wernham, *J. Bot.* 55: 253 (Wernham 1917).

*Mapouria biacuminata* Rusby, *Descr. S. Amer. Pl.* 136 [20 Dec. 1920] (Rusby 1920).

*Mapouria ornithophila* Bremek., *Recueil Trav. Bot. Néerl.* 31: 288 (Bremekamp 1934).

*Psychotria paracatuensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 245 (Standley 1936).

*Psychotria anceps* var. *robustior* Steyermark, *Mem. New York Bot. Gard.* 23: 466 (Steyermark 1972).

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Loubry* 2413.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.4$  cm.

[1492] *Psychotria carthagenensis* Jacq.

*Enum. Syst. Pl.*: 16 [Aug.-Sep. 1760] (Jacquin 1760). — *Uragoga carthagenensis* (Jacq.) Kuntze, *Revis. Gen. Pl.* 2: 959 [5 Nov. 1891] (Kuntze 1891).

*Psychotria ardisiifolia* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 359 [21 Nov. 1819] (Kunth 1819), “*ardisiaefolia*”.

*Psychotria floribunda* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 359 [21 Nov. 1819] (Kunth 1819). — *Uragoga floribunda* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 960 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: pune-etni-seine • Ka: akami ekunali • Wp: tângala yiki, tângala yiki sili, tapi'i ka'alulu sili, uwa ki'iy • Br: rainha.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *M.-F. Prévost* 1106.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.4$  cm.

[1493] *Psychotria ficigemma* DC.

*Prodr. [A. P. de Candolle]* 4: 510 [late Sep. 1830] (Candolle 1830). — *Uragoga ficigemma* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 960 [5 Nov. 1891] (Kuntze 1891). — *Mapouria ficigemma* (DC.) Lemée, *Fl. Guyane Franç.* 3: 549 (Lemée 1954).

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material G-DC, not seen); *P.G. Delprete & F. Crozier* 7127.

INVENTORY DATA (FG). — 44 trees in 22 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 49.6$  cm.

[1494] *Psychotria guianensis* (Aubl.) Clos

*Mém. Acad. Sci. Toulouse*, sér. 7, 10: 217 (Clos 1878). — *Mapouria guianensis* Aubl., *Hist. Pl. Guiane* 1: 175 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Psychotria nitida* Willd., *Sp. Pl.*, ed. 4 1 (2): 963 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Mapouria guianensis*). — *Simira nitida* Poir., *Encycl. [J. Lamarck et al.]* 7: 196 [6 July 1806] (Poiret 1806), *nom. illeg.* (based on the illegitimate *Psychotria nitida*). — *Psychotria mapouria* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 187 [Dec. 1819] (Roemer & Schultes 1819), “*Mapouria*”, *nom. illeg.* (based on the illegitimate *Psychotria nitida*). — *Uragoga mapouria* Kuntze, *Revis. Gen. Pl.* 1: 300 [5 Nov. 1891] (Kuntze 1891), *nom. illeg. superfl.* (based on *Mapouria guianensis*).

*Psychotria magnoliifolia* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 360 [21 Nov. 1819] (Kunth 1819), “*magnoliaefolia*”. — *Uragoga magnoliifolia* (Kunth) Kuntze, *Revis. Gen. Pl.* 2: 961 [5 Nov. 1891] (Kuntze 1891), “*magnoliaefolia*”.

*Psychotria magnoliifolia* Willd. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 190 [Dec. 1819] (Roemer & Schultes 1819), “*magnoliaefolia*”. — *Psychotria willdenowii* DC., *Prodr. [A. P. de Candolle]* 4: 505 [late Sep. 1830] (Candolle 1830).

*Palicourea elliptica* Kunth, *Nova genera et species plantarum* [H.B.K.] 3: 369 [21 Nov. 1819] (Kunth 1819).

*Psychotria sambucina* Link ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 188 [Dec. 1819] (Roemer & Schultes 1819). — *Mapouria sambucina* (Link ex Roem. & Schult.) Müll.Arg., *Flora* 59: 458 (Müller 1876). — *Uragoga sambucina* (Link ex Roem. & Schult.) Kuntze, *Revis. Gen. Pl.* 2: 962 [5 Nov. 1891] (Kuntze 1891).

*Psychotria elliptica* Humb. & Bonpl. ex Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 189 [Dec. 1819] (Roemer & Schultes 1819). — *Uragoga elliptica* (Humb. & Bonpl. ex Roem. & Schult.) Kuntze, *Revis. Gen. Pl.* 1: 300 [5 Nov. 1891] (Kuntze 1891).

*Mapouria myriantha* Müll.Arg., *Fl. Bras. [Martius]* 6 (5): 400 [1 July 1881] (Müller 1881). — *Uragoga myriantha* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 961 [5 Nov. 1891] (Kuntze 1891).

*Psychotria ernestii* K.Krause, *Verh. Bot. Vereins Prov. Brandenburg* 50: 109 [30 Sep. 1908] (Krause 1908), “*Ernestii*”.

*Psychotria matthewsii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 342 [24 Oct. 1929] (Standley 1929).

VERNACULAR NAMES. — Pa: pune-etni-seine • Ka: kuyaken elepali • Te: tapi'i ka'a lilu • Wp: tapi'i ka'alulu • Wn: talepëpë • Nt: man agu siton • Br: apurui.

HERBARIUM DATA (FG). — 154 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00778114] designated by Lanjouw & Uittien [1940: 153]).

SIZE. — Up to 25 m tall (Boom & Delprete 2002).

[1495] *Psychotria pedunculosa* Rich.

*Actes Soc. Hist. Nat. Paris* 1: 107 [Oct. 1792] (Richard 1792). — *Uragoga pedunculosa* (Rich.) Kuntze, *Revis. Gen. Pl.* 2: 962 [5 Nov. 1891] (Kuntze 1891).

*Psychotria mapourioides* DC., *Prodr. [A. P. de Candolle]* 4: 509 [late Sep. 1830] (Candolle 1830).

*Palicourea pedunculosa* DC., *Prodr. [A. P. de Candolle]* 4: 526 [late Sep. 1830] (Candolle 1830).

*Palicourea chionantha* DC., *Prodr. [A. P. de Candolle]* 4: 526 [late Sep. 1830] (Candolle 1830). — *Mapouria chionantha* (DC.) Müll.Arg., *Fl. Bras. [Martius]* 6 (5): 387 [1 July 1881] (Müller 1881). — *Psychotria chionantha* (DC.) Britton, *Bull. Torrey Bot. Club* 18 (4): 109 (Britton 1891). — *Uragoga chionantha* (DC.) Kuntze, *Revis. Gen. Pl.* 2: 959 [5 Nov. 1891] (Kuntze 1891). — *Psychotria mapourioides* var. *chionantha* (DC.) Steyerl., *Mem. New York Bot. Gard.* 23: 462 (Steyerl. 1972).

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *J.B. Leblond 319* (original material G[G00341845]).

SIZE. — Brazil. *S.A. Mori & T.S. dos Santos 10131* (MO), 16 m × 20 cm.

Genus *Randia* L.

[1496] *Randia armata* (Sw.) DC.

*Prodr. [A. P. de Candolle]* 4: 387 [late Sep. 1830] (Candolle 1830). — *Gardenia armata* Sw., *Prodr. [Swartz]*: 51 [20 Jun.-29 July 1788] (Swartz 1788). — *Solena armata* (Sw.) D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 800 [July 1839] (Dietrich 1839).

*Mussaenda spinosa* Jacq., *Enum. Syst. Pl.*: 16 [Aug.-Sep. 1760] (Jacquin 1760). — *Gardenia tetraacantha* Lam., *Encycl. [J. Lamarck et al.]* 2 (2): 609 [14 Apr. 1788] (Lamarck 1788), *nom. illeg. superfl.* (based on *Mussaenda spinosa*). — *Randia spinosa* (Jacq.) H.Karst., *Fl. Columb. [H. Karsten]* 2 (4): 128 [28 Nov. 1866] (Karsten 1866), *nom. illeg. hom., non* (Thunb.) Poir. (Poiret 1812). — *Basanacantha spinosa* (Jacq.) K.Schum., *Fl. Bras. [Martius]* 6 (6): 376 [15 June 1889] (Schumann 1889). — *Basanacantha spinosa* var. *typica* K.Schum., *Fl. Bras. [Martius]* 6 (6): 377 [15 June 1889] (Schumann 1889), *nom. inval.* (Turland et al. 2018: Art. 24.3).

*Randia ovata* Duchass. ex Griseb., *Bonplandia* 6 (1): 8 (Grisebach 1858).

*Randia guianensis* Sagot ex K.Schum., *Fl. Bras. [Martius]* 6 (6): 377 [15 June 1889] (Schumann 1889), *nom. nud. pro syn.*

*Basanacantha spinosa* var. *polyantha* K.Schum., *Fl. Bras. [Martius]* 6 (6): 377 [15 June 1889] (Schumann 1889).

*Basanacantha spinosa* f. *pubiloba* K.Schum., *Fl. Bras. [Martius]* 6 (6): 377 [15 June 1889] (Schumann 1889).

*Basanacantha spinosa* var. *longipedunculata* Kuntze, *Revis. Gen. Pl.* 3 (3): 118 [28 Sep. 1898] (Kuntze 1898).

*Basanacantha spinosa* f. *grandiflora* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 173 (Chodat & Hassler 1904).

*Basanacantha spinosa* f. *puberula* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 173 (Chodat & Hassler 1904).

*Basanacantha spinosa* var. *macrocalyx* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 173 (Chodat & Hassler 1904).

*Basanacantha phyllosepala* Sprague & R.O.Williams ex R.O.Williams & Cheesman, *Fl. Trinidad & Tobago* 2 (1): 22 [Aug. 1928] (Williams & Cheesman 1928).

VERNACULAR NAMES. — Ka: alemikilan • Wp: alamakulu alami • Br: espinho-de-judeu, esporão-de-galo.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2250*.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.5$  cm.

Genus *Rudgea* Salisb.

[1497] *Rudgea crassiloba* (Benth.) B.L.Rob.

*Proc. Amer. Acad. Arts* 45: 408 (Robinson 1910). — *Coffea crassiloba* Benth., *J. Bot. [Hooker]* 3: 233 (Bentham 1841).

*Rudgea schomburgkiana* Benth., *Linnaea* 23: 459 (Bentham 1850), *nom. illeg. superfl.* (based on *Coffea crassiloba* Benth.).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-J. de Granville 5909*.

SIZE. — Brazil, Pará. *T.C. Plowman 9069* (MO), 7 m × 10 cm.

[1498] *Rudgea graciliflora* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 262 (Standley 1936).

*Rudgea duckei* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 11 (5): 261 (Standley 1936).

*Rudgea standleyana* Steyerl., *Mem. New York Bot. Gard.* 17 (1): 409 (Steyerl. 1967).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S. Gonzalez 2334*.

SIZE. — Brazil, Amazonas. *S.A. Mori 20612* (MO), 20 m × 10 cm.

[1499] *Rudgea lanceifolia* Salisb.  
(Fig. 50C)

*Trans. Linn. Soc. London* 8: 327 (Salisbury 1807), “*lancaefolia*”. — *Uragoga lanceifolia* (Salisb.) Kuntze, *Revis. Gen. Pl.* 2: 961 [5 Nov. 1891] (Kuntze 1891), “*lancaefolia*”.

*Rudgea ovalifolia* Salisb., *Trans. Linn. Soc. London* 8: 328 (Salisbury 1807). — *Uragoga ovalifolia* (Salisb.) Kuntze, *Revis. Gen. Pl.* 2: 961 [5 Nov. 1891] (Kuntze 1891).

*Rudgea fissistipula* Müll.Arg., *Flora* 59: 449 (Müller 1876). — *Uragoga fissistipula* (Müll.Arg.) Kuntze, *Revis. Gen. Pl.* 2: 960 [5 Nov. 1891] (Kuntze 1891).

*Rudgea carolina* Standl. & Steyererm., *Fieldiana, Bot.* 28 (3): 614 (Standley & Steyermark 1953).

*Rudgea dasyantha* Bremek., *Brittonia* 8 (4): 244 [Jan. 1957] (Bremekamp 1957).

*Rudgea sipapoensis* Steyererm., *Mem. New York Bot. Gard.* 17 (1): 411 (Steyermark 1967).

*Rudgea oldemanii* Steyererm., *Brittonia* 33 (3): 397 (Steyermark 1981).

*Rudgea prancei* Steyererm., *Brittonia* 33 (3): 398 (Steyermark 1981).

VERNACULAR NAMES. — Pa: pune-etni-kamwi.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000582180, BM000582181]).

INVENTORY DATA (FG). — 9 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.8$  cm.

Genus *Simira* Aubl.

[1500] *Simira tinctoria* Aubl.

*Hist. Pl. Guiane* 1: 170 [Jun.-Dec. 1775] (Aublet 1775). — *Psychotria tinctoria* (Aubl.) Raeusch., *Nomencl. Bot. [Raeusch.]*, ed. 3: 55 (Raeuschel 1797). — *Psychotria parviflora* Willd., *Sp. Pl.*, ed. 4 1 (2): 962 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Simira tinctoria*). — *Psychotria simira* Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 5: 187 [Dec. 1819] (Roemer & Schultes 1819), *nom. illeg. superfl.* (based on *Simira tinctoria*). — *Mapouria simira* A.Rich., *Mém. Rubiac.*: 94 [Dec. 1830] (Richard 1830), *nom. illeg. superfl.* (based on *Simira tinctoria*). — *Uragoga simira* Baill., *Hist. Pl. [Baillon]* 7: 374 [Feb. 1880] (Baillon 1880), *nom. illeg. superfl.* (based on *Simira tinctoria*). — *Uragoga tinctoria* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 958 [5 Nov. 1891] (Kuntze 1891). — *Sickingia tinctoria* (Aubl.) Lemée, *Fl. Guyane Franç.* 3: 505 (Lemée 1954), *nom. illeg. hom., non* (Willd. ex Schult.) K.Schum. (Schumann 1888).

*Chimarrhis clausicorollata* J.H.Kirkbr., *BioLlania, ed. espec.* 6: 394 (Kirkbride 1997).

VERNACULAR NAMES. — Pa: adamna • Ka: simira (*fide* Aublet 1775) • Wn: kujeimë, kusi wewe • Nt: kenkii udu • Br: arariba.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00778112] designated by Lanjouw & Uitten [1940: 156]); *D. Sabatier & M.-F. Prévost 3400*,  $dbh = 35$  cm.

Genus *Stenostomum* C.F.Gaertn.

[1501] *Stenostomum acreanum*  
(K.Krause) Achille & Delprete

*Blumea* 55 (2): 167 [17 Aug. 2010] (Achille & Delprete 2010). — *Stenostomum acreanum* (K.Krause) C.M.Taylor, *Novon* 20 (3): 360 [13 Sep. 2010] (Taylor 2010), *comb. superfl.* — *Guettarda acreana* K.Krause, *Notizbl. Königl. Bot. Gart. Berlin* 6: 204 [15 May 1914] (Krause 1914).

*Antirhea panamensis* Standl., *N. Amer. Fl.* 32 (4): 264 [21 Dec. 1934] (Standley 1934). — *Chomelia panamensis* (Standl.) Dwyer, *Ann. Missouri Bot. Gard.* 67 (1): 100 (Dwyer 1980).

*Antirhea surinamensis* Bremek., *Acta Bot. Neerl.* 8: 479 (Bremekamp 1959).

*Chomelia chambersii* Dwyer & M.V.Hayden, *Ann. Missouri Bot. Gard.* 54 (2): 138 [27 Oct. 1967] (Dwyer & Hayden 1967). — *Chione chambersii* Dwyer, *Ann. Missouri Bot. Gard.* 67 (1): 100 (Dwyer 1980).

*Guettarda leiantha* Steyererm., *Ann. Missouri Bot. Gard.* 71 (4): 1175 (Steyermark 1984).

NOTE. — *Chione chambersii* is a misspell of *Chomelia chambersii* in the synonymy of *Chomelia panamensis*.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 14691*.

INVENTORY DATA (FG). — 39 trees in 12 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[1502] *Stenostomum guianensis*  
(Bremek.) Delprete & Achille

*Blumea* 55 (2): 169 [17 Aug. 2010] (Delprete & Achille 2010). — *Antirhea guianensis* Bremek., *Kew Bull.* 7 (2): 260 [25 July 1952] (Bremekamp 1952).

*Guettarda fanshawei* Steyererm., *Mem. New York Bot. Gard.* 23: 359 (Steyermark 1972).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman B-1936*.

SIZE. — Up to 50 cm dbh (Delprete *et al.* 2010).

Genus *Tocoyena* Aubl.

[1503] *Tocoyena guianensis* K.Schum.

*Fl. Bras. [Martius]* 6 (6): 346 [15 June 1889] (Schumann 1889).

*Tocoyena guianensis* var. *communis* Steyererm., *Mem. New York Bot. Gard.* 12 (3): 194 (Steyermark 1965).

*Tocoyena guianensis* var. *glabriuscula* Steyererm., *Mem. New York Bot. Gard.* 12 (3): 194 (Steyermark 1965).

VERNACULAR NAMES. — Pa: amuwan, tukuyuy-kamwi • Wp: yanipa lali u • Wn: kuwajimë, pìlimokju • Br: jenipapo-do-campo.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *R.A.A. Oldeman 2756*.

INVENTORY DATA (FG). — 8 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33$  cm.

Family RUTACEAE Juss.  
Genus *Erythrochiton* Nees & Mart.

[1504] *Erythrochiton brasiliensis* Nees & Mart.

*Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 166 (Nees & Martius 1823).

*Pentamorpha graveolens* Scheidw., *Bull. Acad. Roy. Sci. Bruxelles* 9 (1): 21 (Scheidweiler 1842).

VERNACULAR NAMES. — Wn: kiapoku, pakutpë, pija pïloman.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M. Fleury 2053*.

SIZE. — Up to 12 m tall (Kallunki 1992).

Genus *Esenbeckia* Kunth

[1505] *Esenbeckia cowanii* Kaastra

*Acta Bot. Neerl.* 26: 481 (Kaastra 1977).

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *R.S. Cowan 38757* (holo-, US[00101521]; iso-, F[V0071245F], NY[00051857]).

INVENTORY DATA (FG). — 34 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[1506] *Esenbeckia grandiflora* Mart.

*Nova genera et species plantarum [Martius]* 3 (2): 85 [“1829” publ. Jan.-Mar (?) 1831] (Martius 1831). — *Colythrum grandiflorum* (Mart.) Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 399 (Steudel 1840).

*Polembryum castanocarpum* A.Juss., *Mém. Mus. Hist. Nat.* 12: 541 (Jussieu 1825).

*Polembryum jussieui* Schott, *Rutac.* t. 6 (Schott 1834).

*Esenbeckia attenuata* Griseb., *Fl. Brit. W.I. [Grisebach]*: 135 [June 1859] (Grisebach 1859).

*Esenbeckia fasciculata* Barb.Rodr., *Rev. Engenh.* 5: 1 (Barbosa Rodrigues 1883).

*Esenbeckia grandiflora* var. *macrophylla* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1285 (Chodat & Hassler 1904).

*Esenbeckia obovalifolia* Pittier, *Bol. Soc. Venez. Ci. Nat.* 9: 122 (Pittier 1944).

*Esenbeckia grandiflora* var. *peruviana* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 673 (Macbride 1949).

*Esenbeckia rigida* R.S.Cowan, *Bol. Mus. Nac. Rio de Janeiro, Bot.* 27: 1 (Cowan 1961).

VERNACULAR NAMES. — Br: chupa-ferro, guaxupita, pitaguará-amarelo.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost 3423*.

SIZE. — Up to 20 cm dbh (Kallunki 2005).

Genus *Galipea* Aubl.

[1507] *Galipea davisii* Sandwith

*Bull. Misc. Inform. Kew* 1935 (3): 118 [20 May 1935] (Sandwith 1935).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Sastre & C. Moretti 3852* (P).

SIZE. — Up to 15 m tall (Kallunki 2005).

[1508] *Galipea trifoliata* Aubl.  
(Fig. 51A)

*Hist. Pl. Guiane* 2: 662 [Jun.-Dec. 1775] (Aublet 1775).

*Galipea fissa* Miq., *Stirp. Surinam. Select.*: 64 [“1850” publ. Mar. 1851] (Miquel 1851).

VERNACULAR NAMES. — Ka: waikyara • Br: amarelinho, canela-de-velho, folha-de-couro.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000630633]).

SIZE. — Up to 15 m tall (Pirani & Kallunki 2007).

Genus *Hortia* Vand.

[1509] *Hortia excelsa* Ducke  
(Fig. 51B)

*Arch. Jard. Bot. Rio de Janeiro* 3: 182 (Ducke 1922).

VERNACULAR NAMES. — Nt: gaan busi tobitutu • Br: cachaceiro.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 3753*.

INVENTORY DATA (FG). — 1 tree, dbh = 10.8 cm.

[1510] *Hortia superba* Ducke

*Arch. Inst. Biol. Veg.* 1 (3): 207 [Aug. 1935] (Ducke 1935).

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville 17272*.

SIZE. — Up to 30 cm dbh (Groppo & Pirani 2012).

Genus *Neoraputia* Emmerich ex Kallunki

[1511] *Neoraputia paraensis* (Ducke) Emmerich ex Kallunki

*Brittonia* 61 (1): 29 [2 Mar. 2009] (Kallunki 2009). — *Raputia paraensis* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 184 (Ducke

1922). — *Neoraputia paraensis* (Ducke) Emmerich, *Rodriguésia* 30 (45): 243 (Emmerich 1978), *nom. inval.* (genus not validly published).

*Neoraputia cowanii* Emmerich, *Rodriguésia* 30 (45): 259 (Emmerich 1978), *nom. inval.* (genus not validly published).

VERNACULAR NAMES. — Br: capança, caporé.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: C. Moretti 354.

SIZE. — Up to 10 m tall (Kallunki 2005).

### Genus *Pilocarpus* Vahl

[1512] *Pilocarpus racemosus* Vahl

*Eclog. Amer.* 1: 29 (Vahl 1797).

*Pilocarpus latifolius* A.St.-Hil. ex Tul., *Ann. Sci. Nat., Bot. sér.* 3, 7: 285 (Tulasne 1847), “*latifolia*”.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: M.-F. Prévost *et al.* 4604.

INVENTORY DATA (FG). — 25 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.2$  cm.

### Genus *Raputia* Aubl.

[1513] *Raputia* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: J.-F. Molino & D. Sabatier 2174.

INVENTORY DATA (FG). — 19 trees in 6 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 50$  cm.

### Genus *Ticorea* Aubl.

[1514] *Ticorea foetida* Aubl.  
(Fig. 51C)

*Hist. Pl. Guiane* 2: 689 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: J.B. Aublet *s.n.* (original material BM[BM000570872]).

SIZE. — Up to 14 m tall (Kallunki 1998).

[1515] *Ticorea longiflora* DC.

*Mém. Mus. Hist. Nat.* 9: 146 (Candolle 1822).

VERNACULAR NAMES. — Pa: kwik-wašiuone, waravru-kamwi • Wp: yapukuliwa sili • Wn: malihalüimë.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: J. Martin *s.n.* (original material G-DC, G00310774)).

SIZE. — Up to 33 cm dbh (Kallunki 1998).

### Genus *Zanthoxylum* L.

[1516] *Zanthoxylum acuminatum* (Sw.) Sw.  
subsp. *juniperinum* (Poepp.) Reynel

*Phytoneuron* 2015-22: 6 (Reynel 2015).

*Zanthoxylum juniperinum* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 77 [23-25 Jan. 1845] (Poeppig 1845). — *Fagara juniperina* (Poepp.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896).

*Zanthoxylum minutiflorum* Tul., *Ann. Sci. Nat., Bot. sér.* 3, 7: 278 (Tulasne 1847). — *Fagara minutiflora* (Tul.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 118 (Engler 1896).

*Zanthoxylum pringlei* S.Watson, *Proc. Amer. Acad. Arts* 26: 134 (Watson 1891), “*Xanthoxylum*”. — *Fagara pringlei* (S.Watson) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896).

*Fagara warmingiana* Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896).

*Zanthoxylum procerum* Donn.Sm., *Bot. Gaz.* 23 (1): 4 [20 Jan. 1897] (Donnell Smith 1897). — *Fagara procerum* (Donn.Sm.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 19a: 223 (Engler 1931).

*Fagara acreana* K.Krause, *Notizbl. Königl. Bot. Gart. Berlin* 6: 143 [4 Apr. 1914] (Krause 1914). — *Zanthoxylum acreanum* (K.Krause) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 664 (Macbride 1949).

*Fagara ocumarensis* Pittier, *Arb. Arbust. Venez.* 9-10: 120 [Dec. 1929] (Pittier 1929). — *Zanthoxylum ocumarensis* (Pittier) Steyermark, *Fieldiana, Bot.* 28 (2): 273 (Steyermark 1952).

VERNACULAR NAMES. — Ka: awaladala, awalatala.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: S.A. Mori *et al.* 21661.

INVENTORY DATA (FG). — 7 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 45.2$  cm.

[1517] *Zanthoxylum amapaense* (Albuq.) P.G.Waterman

*Taxon* 24 (2/3): 363 [6 June 1975] (Waterman 1975). — *Fagara amapaense* Albuq., *Publ. Inst. Nac. Pesq. Amaz., Bot.* 28: 11 (Albuquerque 1968).

*Fagara idae* Albuq., *Publ. Inst. Nac. Pesq. Amaz., Bot.* 28: 8 (Albuquerque 1968). — *Zanthoxylum idae* (Albuq.) P.G.Waterman, *Taxon* 24 (2/3): 364 [6 June 1975] (Waterman 1975).

*Fagara machadoi* Albuq., *Acta Amazonica* 1 (1): 24 (Albuquerque 1971). — *Zanthoxylum machadoi* (Albuq.) Albuq., *Acta Amazonica* 6 (3, Suppl.): 55 [Sep. 1976] (Albuquerque 1976).

HERBARIUM DATA (FG). — A single collection, J.-F. Molino & D. Sabatier 2349.

INVENTORY DATA (FG). — 1 tree, dbh = 56.7 cm.

[1518] *Zanthoxylum apiculatum* (Sandwith) P.G. Waterman

*Taxon* 24 (2/3): 363 [6 June 1975] (Waterman 1975). — *Fagara apiculata* Sandwith, *Bull. Misc. Inform. Kew* 1935 (3): 120 [20 May 1935] (Sandwith 1935).

*Fagara dellomei* Albuq., *Publ. Inst. Nac. Pesq. Amaz., Bot.* 28: 3 (Albuquerque 1968). — *Zanthoxylum dellomei* (Albuq.) P.G. Waterman, *Taxon* 24 (2/3): 363 [6 June 1975] (Waterman 1975).

*Zanthoxylum achidek* Sanoja, *Acta Bot. Venez.* 32 (2): 304 (Sanoja 2009).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2901.

INVENTORY DATA (FG). — 14 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.3$  cm.

[1519] *Zanthoxylum caribaeum* Lam.

*Encycl. [J. Lamarck et al.]* 2 (1): 39 [16 Oct. 1786] (Lamarck 1786). — *Fagara caribaea* (Lam.) Krug & Urb., *Bot. Jahrb. Syst.* 21 (5): 562 [12 May 1896] (Krug & Urban 1896).

*Zanthoxylum elephantiasis* Macfad., *Fl. Jamaica [Macfadyen]* 1: 193 (Macfadyen 1837). — *Fagara elephantiasis* (Macfad.) Krug & Urb., *Bot. Jahrb. Syst.* 21 (5): 564 [12 May 1896] (Krug & Urban 1896).

*Zanthoxylum horridum* Sessé & Moc., *Fl. Mexic.*, ed. 2, 231 (Sessé & Mociño 1894), “*Horrida*”.

*Zanthoxylum occidentale* Rose, *Contr. U.S. Natl. Herb.* 5 (4): 164 [31 Oct. 1899] (Rose 1899). — *Fagara occidentalis* (Rose) Engl., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 19a: 219 (Engler 1931).

*Zanthoxylum gentlei* Lundell, *Lloydia* 2 (2): 92 (Lundell 1939).

HERBARIUM DATA (FG). — A single collection, *H. de Foresta* 125ter.

SIZE. — Brazil, Pará. *G. T. Prance* 1822 (MO), 10 m × 12 cm.

[1520] *Zanthoxylum ekmanii* (Urb.) Alain  
(Fig. 51D)

*Contr. Ocas. Mus. Hist. Nat. Colegio De La Salle* 9: 24 (Alain 1950). — *Fagara ekmanii* Urb., *Repert. Spec. Nov. Regni Veg.* 20: 302 (Urban 1924).

*Zanthoxylum belizense* Lundell, *Contr. Univ. Michigan Herb.* 6: 35 (Lundell 1941).

*Zanthoxylum sobrieviae* D.R. Simpson, *Phytologia* 51 (5): 316 [July 1982] (Simpson 1982).

VERNACULAR NAMES. — Wp: sala'i, sala'i sili • Cr: bwa-pidjan, zépini-gran-féy • Br: limãozinho, maminha-de-porco, tamanqueira.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly* 15603.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.2$  cm.

[1521] *Zanthoxylum paulae* (Albuq.) P.G. Waterman

*Taxon* 24 (2/3): 364 [6 June 1975] (Waterman 1975). — *Fagara paulae* Albuq., *Publ. Inst. Nac. Pesq. Amaz., Bot.* 27: 4 (Albuquerque 1968).

*Fagara luizii* Albuq., *Publ. Inst. Nac. Pesq. Amaz., Bot.* 27: 5 (Albuquerque 1968). — *Zanthoxylum luizii* (Albuq.) P.G. Waterman, *Taxon* 24 (2/3): 364 [6 June 1975] (Waterman 1975).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *V. Hequet* 3018bis.

INVENTORY DATA (FG). — 1 tree, dbh = 66.9 cm.

[1522] *Zanthoxylum pentandrum* (Aubl.) R.A. Howard

*J. Arnold Arbor.* 64 (2): 269 [Apr. 1983] (Howard 1983). — *Fagara pentandra* Aubl., *Hist. Pl. Guiane* 1: 78 [Jun.-Dec. 1775] (Aublet 1775). — *Fagara guianensis* Lam., *Encycl. [J. Lamarck et al.]* 2 (2): 446 [14 Apr. 1788] (Lamarck 1788), *nom. illeg. superfl.* (based on *Fagara pentandra*). — *Zanthoxylum hermaphroditum* Willd., *Sp. Pl.*, ed. 4 4 (2): 756 [Apr. 1806] (Willdenow 1806), *nom. illeg. superfl.* (based on *Fagara pentandra*).

*Zanthoxylum trinitense* R.O. Williams, *Fl. Trinidad & Tobago* 1 (2): 148 [Nov. 1929] (Williams 1929). — *Fagara trinitensis* (R.O. Williams) Beard, *Empire For. J.* 21: 14 (Beard 1942).

VERNACULAR NAMES. — Pa: puduku-wakáu-purubumna, wahinhu • Ka: alemikilan, awaladala, awalatala • Wp: sala'i u • Nt: kee udu, kee maka udu • Cr: bwa-pidjan, zépini-gran-féy • Fr: bois piquant • Br: limãozinho, maminha-de-porco, tamanqueira.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777615] designated by Lanjouw & Uittien [1940: 151]).

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.7$  cm.

[1523] *Zanthoxylum rhoifolium* Lam.

*Encycl. [J. Lamarck et al.]* 2 (1): 39 [16 Oct. 1786] (Lamarck 1786). — *Fagara rhoifolia* (Lam.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 118 (Engler 1896).

*Langsdorfia instrumentaria* Leandro, *Denkschr. Königl. Akad. Wiss. München* 7: 242 (Leandro 1819). — *Poblana langsdorffii* Nees & Mart., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 17 (Nees & Martius 1824), *nom. illeg. superfl.* (based on *Langsdorfia instrumentaria*). — *Zanthoxylum langsdorffii* A.St.-Hil., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (2): 76 [26 Mar. 1825] (Saint-Hilaire 1825), *nom. illeg. superfl.* (based on *Poblana langsdorffii*, thus indirectly on *Langsdorfia instrumentaria*).

*Zanthoxylum perrottetii* DC., *Prodr. [A. P. de Candolle]* 1: 726 [mid Jan. 1824] (Candolle 1824), “*perrottetii*”. — *Fagara perrottetii* (DC.) Lemée, *Fl. Guyane Franç.* 2: 181 (Lemée 1952).

*Zanthoxylum sorbifolium* A.St.-Hil., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (2): 75 [26 Mar. 1825] (Saint-Hilaire 1825).

*Poblana instrumentaria* Mart. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 366, 796, (Steudel 1841) *nom. nud.*

*Zanthoxylum pubescens* A.St.-Hil. & Tul., *Ann. Sci. Nat., Bot. sér.* 2, 17: 141 (Saint-Hilaire & Tulasne 1842). — *Schinus pubescens*





FIG. 50. — Rubiaceae: **A**, *Ferdinandusa* sp. A (D. Sabatier & M.-F. Prévost 4928); **B**, *Posoqueria longiflora* Aubl.; **C**, *Rudgea lanceifolia* Salisb.; **D**, *Kutchubaea insignis* Fisch. ex DC. (M.-F. Prévost et al. 4734). A, © M.-F. Prévost/IRD; B, © P. G. Delprete/IRD; C, D, © D. Sabatier/IRD.

(A.St.-Hil. & Tul.) Spreng. ex Mart., *Fl. Bras. [Martius]* 12 (2): 176 [1 Sep. 1874] (Martius 1874), *nom. nud. pro syn.* — *Zanthoxylum rhoifolium* var. *pubescens* (A.St.-Hil. & Tul.) Engl., *Fl. Bras. [Martius]* 12 (2): 176 [1 Sep. 1874] (Engler 1874). — *Fagara rhoifolia* subsp. *pubescens* (A.St.-Hil. & Tul.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 118 (Engler 1896). — *Fagara pubescens* (A.St.-Hil. & Tul.) Herzog, *Meded. Rijks-Herb.* 27: 80 (Herzog 1915), *nom. illeg. hom., non A.Chev.* (Chevalier 1912).

*Zanthoxylum peltophorum* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 442 (Turczaninow 1858). — *Zanthoxylum rhoifolium* var. *peltophorum* (Turcz.) Engl., *Fl. Bras. [Martius]* 12 (2): 175 [1 Sep. 1874] (Engler 1874). — *Fagara rhoifolia* var. *peltophora* (Turcz.) Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1283 (Chodat & Hassler 1904), “*peltophorum*”.

*Zanthoxylum microcarpum* Griseb., *Fl. Brit. W.I. [Grisebach]*: 138 [June 1859] (Grisebach 1859). — *Fagara microcarpa* (Griseb.) Krug & Urb., *Bot. Jahrb. Syst.* 21 (5): 570 [12 May 1896] (Krug & Urban 1896).

*Zanthoxylum obscurum* Engl., *Fl. Bras. [Martius]* 12 (2): 169 [1 Sep. 1874] (Engler 1874). — *Fagara obscura* (Engl.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896).

*Zanthoxylum acutifolium* Engl., *Fl. Bras. [Martius]* 12 (2): 170 [1 Sep. 1874] (Engler 1874). — *Fagara acutifolia* (Engl.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896).

*Zanthoxylum acutifolium* var. *petiolulatum* Engl., *Fl. Bras. [Martius]* 12 (2): 170 [1 Sep. 1874] (Engler 1874). — *Fagara rhoifolia* var. *petiolulata* (Engl.) Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1283 (Chodat & Hassler 1904), “*petiolulatum*”.

*Zanthoxylum obscurum* var. *ruizianum* Klotzsch ex Engl., *Fl. Bras. [Martius]* 12 (2): 170 [1 Sep. 1874] (Engler 1874). — *Fagara ruiziana* (Klotzsch ex Engl.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 117 (Engler 1896). — *Zanthoxylum ruizianum* (Klotzsch ex Engl.) J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (3.2): 667 (Macbride 1949).

*Zanthoxylum regnellianum* Engl., *Fl. Bras. [Martius]* 12 (2): 174 [1 Sep. 1874] (Engler 1874). — *Fagara regnelliana* (Engl.) Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1283 (Chodat & Hassler 1904).

*Zanthoxylum rhoifolium* var. *petiolulatum* Engl., *Fl. Bras. [Martius]* 12 (2): 175 [1 Sep. 1874] (Engler 1874).

*Zanthoxylum rhoifolium* var. *sessilifolium* Engl., *Fl. Bras. [Martius]* 12 (2): 176 [1 Sep. 1874] (Engler 1874).

*Fagara regnelliana* var. *calvata* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1283 (Chodat & Hassler 1904).

*Fagara rhoifolia* f. *paucijuga* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1283 (Chodat & Hassler 1904).

*Fagara rhoifolia* f. *angustifolia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1284vt (Chodat & Hassler 1904).

*Fagara rhoifolia* f. *intermedia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1284 (Chodat & Hassler 1904).

*Fagara rhoifolia* f. *latifolia* Chodat & Hassl., *Bull. Herb. Boissier*, sér. 2, 4: 1284 (Chodat & Hassler 1904).

*Fagara coco* (Gillies ex Hook.f. & Arn.) Engl. var. *formosana* Lillo, *Contr. Conoc. Arb. Argent.*: 89 (Lillo 1910). — *Zanthoxylum rhoifolium* var. *formosanum* (Lillo) P.G. Waterman, *Taxon* 25 (5/6): 594 [26 Nov. 1976] (Waterman 1976).

*Fagara rothschubii* Loes., *Bot. Jahrb. Syst.* 60 (4): 366 [1 Aug. 1926] (Loesener 1926).

*Fagara astrigera* R.S.Cowan, *Sellowia* 12: 81 (Cowan 1960). — *Zanthoxylum astrigerum* (R.S.Cowan) P.G. Waterman, *Taxon* 24 (2/3): 363 [6 June 1975] (Waterman 1975).

*Fagara rhoifolia* var. *surparanaensis* Najera, Galdeano & Escal., *Bol. Soc. Argent. Bot.* 14 (3): 244 (Najera et al. 1972). — *Zanthoxylum rhoifolium* var. *surparanaense* (Najera, Galdeano & Escal.) P.G. Waterman, *Taxon* 25 (5/6): 594 [26 Nov. 1976] (Waterman 1976).

*Fagara rhoifolia* var. *intermedia* R.S.Cowan & L.B.Sm., *Fl. Illustr. Catar.* (Ruta.): 13 (Cowan & Smith 1973).

VERNACULAR NAMES. — Pa: puduku-wakáu • Ka: awaladala, awalatala • Te: wila atsi • Wn: kanike • Nt: kee udu, kee maka udu • Cr: bwa-pidjan, zépiní-ti'fey • Fr: bois piquant • Br: mamiqueira, tamanqueira, tembetaru.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *M.-F. Prévost* 3781, dbh 10 cm.

Family SABIACEAE Blume  
Genus *Meliosma* Blume

[1524] *Meliosma* sp. A  
(Fig. 51E)

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sibatier* & *J.-F. Molino* 5672.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.3$  cm.

Genus *Ophiocaryon* Endl.

[1525] *Ophiocaryon chironectes* Barneby

*Mem. New York Bot. Gard.* 23: 117 (Barneby 1972).

VERNACULAR NAME. — Wp: tãpê lemiũ'i.

HERBARIUM DATA (FG). — A single collection, *P. Grenand* 1543. The type is from Clevelandia, Amapá, on the Brazilian border of the Oyapock River: *L.Y.T. Westra* 47298 (NY[00387482]).

INVENTORY DATA (FG). — 1 tree, dbh = 10.8 cm.

[1526] *Ophiocaryon paradoxum* R.H.Schomb.

*London J. Bot.* 4: 377 (Schomburgk 1845).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — A single collection, *C. Sastre* 4704.

SIZE. — Guyana. *B. Maguire* 22937 (MO), dbh 30 cm.

Family SALICACEAE Mirb.  
Genus *Banara* Aubl.

[1527] *Banara guianensis* Aubl.

*Hist. Pl. Guiane* 1: 548 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate.

*Banara fagifolia* Vahl, *Symb. Bot. [Vahl]* 3: 65 (Vahl 1794), *nom. illeg. superfl.* (based on *Banara guianensis*).

*Xyladenius glandulosus* Desv. ex Ham., *Prodr. Pl. Ind. Occid. [Hamilton]*: 41 [Oct. 1825] (Hamilton 1825). — *Banara glandulosa* (Desv. ex Ham.) Speg., *Revista Argent. Bot.* 1: 210 (Spegazzini 1926).

*Kuhlia mollis* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 74 [23-25 Jan. 1845] (Poeppig 1845). — *Banara mollis* (Poepp.) Tul., *Ann. Sci. Nat., Bot.* sér. 3, 7: 288 (Tulasne 1847). — *Banara guianensis* var. *mollis* (Poepp.) Eichler, *Fl. Bras. [Martius]* 13 (1): 501 [1 Oct. 1871] (Eichler 1871).

*Laetia glandulosa* Poepp. ex Tul., *Ann. Sci. Nat., Bot.* sér. 3, 7: 288 (Tulasne 1847), *nom. nud. pro syn.*

*Trilix glandulosa* Dombey ex Tul., *Ann. Sci. Nat., Bot.* sér. 3, 7: 288 (Tulasne 1847), “*Trilin*”, *nom. nud. pro syn.*

*Banara pubescens* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 92 [May 1861] (Bentham 1861).

*Banara pyramidata* Rusby, *Mem. Torrey Bot. Club* 3: 33 (Rusby 1893).

*Banara guianensis* var. *spruceana* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 49 (Briquet 1898).

*Banara tulasnei* J.F.Macbr., *Candollea* 5: 389 (Macbride 1934).

*Trilix macrobotrys* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 16: 374 (Ruiz & Pavón 1959).

VERNACULAR NAMES. — Pa: kuuku-ariut-priye, tahuma • Wp: yape'a pitá sili • Wn: kumidan • Nt: bita tiki, boni udu • Cr: mavévé-sikriyé • Br: cavaqueiro-do-baixo, lacre-branco.

HERBARIUM DATA (FG). — 109 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P-JU, P00672058).

INVENTORY DATA (FG). — 6 trees in 3 plots;  $dbh_{\text{inv}} = 16.4$  cm.

Genus *Casearia* Jacq.

[1528] *Casearia arborea* (Rich.) Urb.

*Symb. Antill. [Urban]* 4 (3): 421 [15 May 1910] (Urban 1910). — *Samyda arborea* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792). — *Casearia stipularis* Vent., *Choix Pl.* 1: 46 [Apr. 1804] (Ventenat 1804), *nom. illeg. superfl.* (based on *Samyda arborea*). — *Samyda stipularis* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 5: 32 [1 Nov. 1817] (Poiret 1817), *nom. illeg. superfl.* (based on *Samyda arborea*). — *Casearia stipularis* Poir. ex Spreng., *Syst. Veg. [Sprengel]* 2: 355 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. superfl.* (based on *Samyda stipularis*, thus on *Samyda arborea*). — *Guidonia stipularis* M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.* 54 (Gómez 1889), *nom. illeg. superfl.* (based on *Casearia stipularis* Vent., thus on *Samyda arborea*).

*Samyda viridiflora* Aubl., *Hist. Pl. Guiane* 1: 402 [Jun.-Dec. 1775] (Aublet 1775).

*Chaetocrater capitatum* Ruiz & Pav., *Syst. Veg. Fl. Peruv. Chil.* 1: 108 [late Dec. 1798] (Ruiz & Pavón 1798). — *Casearia capitata* (Ruiz & Pav.) Pers., *Syn. Pl. [Persoon]* 1: 485 [1 Apr.-15 June 1805] (Persoon 1805).

*Samyda niviana* Poir., *Encycl. [J. Lamarck et al.]* 6 (2): 493 [28 Aug. 1805] (Poiret 1805).

*Casearia incana* Bertero ex Spreng., *Syst. Veg. [Sprengel]* 2: 355 [Jan.-May 1825] (Sprengel 1825).

*Casearia serrata* Macfad., *Fl. Jamaica [Macfadyen]* 1: 216 (Macfadyen 1837).

*Casearia lanceolata* Miq., *Linnaea* 18: 753 [“1844” publ. Aug.-Oct. 1845] (Miquel 1845).

*Casearia hostmanniana* Steud. ex Griseb., *Fl. Brit. W.I. [Grisebach]* 23 [Dec. 1859] (Grisebach 1859), *nom. nud. pro syn.*

*Casearia poeppigii* Eichler, *Fl. Bras. [Martius]* 13 (1): 475 [1 Oct. 1871] (Eichler 1871).

*Casearia cambessedesii* var. *angustifolia* Eichler, *Fl. Bras. [Martius]* 13 (1): 476 [1 Oct. 1871] (Eichler 1871).

*Casearia cambessedesii* var. *parvifolia* Eichler, *Fl. Bras. [Martius]* 13 (1): 476 [1 Oct. 1871] (Eichler 1871).

*Casearia oligantha* Eichler, *Fl. Bras. [Martius]* 13 (1): 476 [1 Oct. 1871] (Eichler 1871).

*Casearia brasiliensis* Eichler, *Fl. Bras. [Martius]* 13 (1): 477 [1 Oct. 1871] (Eichler 1871).

*Casearia bangii* Rusby, *Mem. Torrey Bot. Club* 3: 34 (Rusby 1893).

*Samyda virgata* Sessé & Moc., *Fl. Mexic.*, ed. 2, 113 (Sessé & Mociño 1894).

*Casearia glaziovii* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 72 (Briquet 1898).

*Casearia umbellifera* Benoist, *Bull. Mus. Natl. Hist. Nat.* 26: 353 (Benoist 1920).

*Casearia glaberrima* Uittien, *Recueil Trav. Bot. Néerl.* 22: 371 [“1925” publ. Jan. 1926] (Uittien 1926).

NOTE. — *Samyda virgata* Sessé & Moc. appears also in the first edition of *Flora mexicana* (p. 123, as “*Uirgata*”), but edition 2 has

priority, probably from p. 49 onward (Staffeu & Cowan, 1985: TL-2-11756)].

VERNACULAR NAMES. — Ka: akukuwa elepali, pilitalai pyo • Wp: yape’a pitá sili • Wn: luweluwe • Br: capança-braba, carnicheiro, erva-de-lagarto.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (in herb. L.C. Richard) (type P[P00371634]).

INVENTORY DATA (FG). — 1 tree, dbh = 14 cm.

[1529] *Casearia bicolor* Urb.

*Symb. Antill. [Urban]* 1 (2): 372 [10 Apr. 1899] (Urban 1899).

*Laetia procera* (Poepp.) Eichler, *Fl. Bras. [Martius]* 13 (1): 453 [1 Oct. 1871] (Eichler 1871). — *Samyda procera* Poepp., *Nova genera ac species plantarum [Poeppig & Endlicher]* 3: 67 [23-25 Jan. 1845] (Poeppig 1845). — *Casinga procera* (Poepp.) Griseb., *Fl. Brit. W.I. [Grisebach]* 710 [Oct. 1864] (Grisebach 1864). — *Guidonia procera* (Poepp.) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Laetia casearioides* Sagot ex Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 85 [May 1861] (Bentham 1861).

*Samyda obtusifolia* Rich. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 454 [1 Oct. 1871] (Eichler 1871), in obs.

*Laetia obtusifolia* Eichler ex Benoist, *Bull. Mus. Natl. Hist. Nat.* 26: 351 (Benoist 1920), *nom. nud.*

*Casearia belizensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 12: 412 (Standley 1936).

NOTE. — Hyperdominant in Amazonia (ter Steege et al. 2020). The genus *Laetia* Loeff. ex L. was included in *Casearia* Jacq. by Samarakoon & Alford (2019).

VERNACULAR NAMES. — Pa: ahakyu, ahikyu • Ka: akale wewe, alokoyulu, auluko yulu, kayman udu, mainyapo • Te: tale’i li • Wp: miyü’i pepo, muyü’i pepo, tale’i li • Wn: mijelemili • Nt: kayman udu • Cr: bwa-jako, bwa-zanmand • Fr: bois caïman • Br: apijó, casinga-cheirosa, muira-pucu, pau-jacaré, tuchauá.

HERBARIUM DATA (FG). — 79 collections at CAY. Sel. exs.: *P.A. Sagot 1137*, 1857 (original material of *Laetia casearioides*: K[K000471402, K000471403], P[P02442044, P02442045, P02442046, P02442047]).

INVENTORY DATA (FG). — 153 trees in 88 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 94.2$  cm.

[1530] *Casearia decandra* Jacq.

*Enum. Syst. Pl.*: 21 [Aug.-Sep. 1760] (Jacquin 1760). — *Casearia parviflora* Jacq., *Select. Stirp. Amer. Hist.*, ed. 1780-1781, 66 (Jacquin 1780), *nom. illeg. superfl.* (based on the illustration of *Casearia decandra*). — *Casearia parvifolia* Willd., *Sp. Pl.*, ed. 4 2 (1): 627 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Casearia decandra*). — *Samyda parvifolia* Poir., *Encycl. [J. Lamarck et al.]* 6 (2): 492 [28 Aug. 1805] (Poiret 1805), *nom. illeg. superfl.* (based on *Casearia decandra*). — *Anavinga parvifolia* (Poir.) Lam., *Tabl. Encycl.* 2[5 (2)]: 484 [31 Oct. 1819] (Lamarck 1819), *nom. illeg. superfl.* (based on *Samyda parvifolia*, thus on *Casearia decandra*). — *Guidonia parvifolia* M.Gómez, *Dicc. Bot. Nombres Vulg.*

*Cub. Puerto-Riq.*: 93 (Gómez 1889), *nom. illeg. superfl.* (based on *Casearia parvifolia*, thus on *Casearia decandra*).

*Casearia adamantium* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (16): 230 ["1829" publ. Oct.-Nov. 1830] (Cambessèdes 1830).

*Casearia adstringens* Mart., *Syst. Mat. Med. Veg. Bras.* 51 (Martius 1843), *nom. nud.*

*Casearia nitida* Sieber ex Griseb., *Fl. Brit. W.I. [Grisebach]* 23 [Dec. 1859] (Grisebach 1859), *nom. nud. pro syn.*

*Casearia serrulata* Sieber ex Griseb., *Fl. Brit. W.I. [Grisebach]* 23 [Dec. 1859] (Grisebach 1859), *nom. nud. pro syn.*

*Casearia parvifolia* var. *microcarpa* Eggers, *Bull. U.S. Natl. Mus.* 13: 26 (Eggers 1879).

*Guidonia adstringens* Baill., *Traité Bot. Méd. Phan.* 2: 827 [Mar. 1884] (Baillon 1884).

*Samyda lancifolia* Sessé & Moc., *Fl. Mexic.*, ed. 2, 113 (Sessé & Mociño 1894).

*Casearia floribunda* Briq., *Bull. Herb. Boissier*, sér. 2, 7: 672 (Briquet 1907).

*Casearia parvifolia* var. *paraguariensis* Briq., *Bull. Herb. Boissier*, sér. 2, 7: 672 (Briquet 1907).

*Casearia albicaulis* Rusby, *Mem. New York Bot. Gard.* 7: 307 (Rusby 1927).

*Casearia pavoniana* Sleumer, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 958 [20 Jan. 1934] (Sleumer 1934).

*Casearia reflexa* Sleumer, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 959 [20 Jan. 1934] (Sleumer 1934).

*Chaetocrater reflexus* Ruiz & Pav., *Anales Inst. Bot. Cavanilles* 15: 130 (Ruiz & Pavón 1958), "*reflexum*".

NOTES. — Jacquin (1780: 66) cited *Samyda parviflora* L. "Syst. 340", in synonymy under *Casearia parviflora* Jacq., but his plate 127 is the same as plate 85 in the first edition of *Selectarum stirpium Americanarum historia* (Jacquin 1763), which illustrates *C. decandra* Jacq. (p. 133). Although *Samyda lancifolia* Sessé & Moc. already appeared in the first edition of *Flora mexicana* (Sessé & Mociño 1892-1898: 123), edition 2 has priority, probably from p. 49 onward (Stafleu & Cowan, 1985: TL-2-11756). *Guidonia adstringens* Baill. is based on the invalid *Casearia adstringens* Mart.

VERNACULAR NAMES. — Br: caferana, café-do-mato.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M.-F. Prévost* 3064.

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 16.9$  cm.

[1531] *Casearia grandiflora* Cambess.  
(Fig. 52A)

*Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (16): 232 ["1829" publ. Oct.-Nov. 1830] (Cambessèdes 1830).

*Casearia hypoleuca* Mart., *Flora* 20 (2, Beibl.): 128 (Martius 1837). — *Casearia grandiflora* var. *hypoleuca* (Mart.) Eichler, *Fl. Bras. [Martius]* 13 (1): 479 [1 Oct. 1871] (Eichler 1871).

*Casearia grandiflora* var. *obtusifolia* Eichler, *Fl. Bras. [Martius]* 13 (1): 479 [1 Oct. 1871] (Eichler 1871).

*Casearia grandiflora* var. *pauciflora* Eichler, *Fl. Bras. [Martius]* 13 (1): 479 [1 Oct. 1871] (Eichler 1871).

*Casearia anavinga* A.St.-Hil. ex Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 13: 285 (Sagot 1882).

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5187.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.7$  cm.

[1532] *Casearia guianensis* (Aubl.) Urb.

*Symb. Antill. [Urban]* 3 (2): 322 [15 Aug. 1902] (Urban 1902). — *Iroucana guianensis* Aubl., *Hist. Pl. Guiane* 1: 329 [Jun.-Dec. 1775] (Aublet 1775), "*Guyannensis*" on plate. — *Athenaea guianensis* (Aubl.) J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 629 [late Sep.-Nov. 1791] (Gmelin 1791). — *Casearia ramiflora* Vahl, *Symb. Bot. [Vahl]* 2: 50 [Jul.-Dec. 1791] (Vahl 1791), *nom. illeg. superfl.* (based on *Iroucana guianensis*). — *Samyda iroucana* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), *nom. illeg. superfl.* (based on *Iroucana guianensis*). — *Guidonia ramiflora* M.Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.* 64 (Gómez 1889), *nom. illeg. superfl.* (based on *Casearia ramiflora*, thus indirectly on *Iroucana guianensis*).

*Casearia fallax* Miq., *Linnaea* 19: 128 ["1847" publ. Feb. 1846] (Miquel 1846).

*Samyda octandra* Sessé & Moc., *Fl. Mexic.*, ed. 2, 113 (Sessé & Mociño 1894).

NOTE. — *Samyda octandra* Sessé & Moc. appears also in the first edition of *Flora mexicana* (Sessé & Mociño 1892-1898: 123), but edition 2 has priority, probably from p. 49 onward (Stafleu & Cowan, 1985: TL-2-11756).

VERNACULAR NAMES. — Ka: alekikolan.

HERBARIUM DATA (FG). — 30 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material P[P00689737]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 16.2$  cm.

[1533] *Casearia mariquitensis* Kunth

*Nova genera et species plantarum [H.B.K.]* 5: 363 [24 Mar. 1823] (Kunth 1823).

*Casearia fockeana* Miq., *Ann. Sci. Nat., Bot.* sér. 3, 1: 39 (Miquel 1844).

*Casearia pubiflora* Benth., *Bot. Voy. Sulphur [Bentham]*: 66 [16 Aug. 1844] (Bentham 1844).

*Casearia platyphylla* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 68 (Briquet 1898), *pro parte quoad floram tantum* (Sleumer 1980).

*Casearia camporum* Sprague, *Trans. & Proc. Bot. Soc. Edinburgh* 22 (4): 427 (Sprague 1905).

*Casearia tarapotina* Pilg., *Verh. Bot. Vereins Prov. Brandenburg* 47: 161 [1 Oct. 1905] (Pilger 1905).



FIG. 51. — Rutaceae: **A**, *Galipea trifoliata* Aubl. (J.-F. Molino & D. Sabatier 2164); **B**, *Hortia excelsa* Ducke (D. Sabatier & M.-F. Prévost 4935); **C**, *Ticorea foetida* Aubl. (J.-F. Molino *et al.* 2041); **D**, *Zanthoxylum ekmanii* (Urb.) Alain (D. Sabatier & J.-F. Molino 5747). Sabiaceae: **E**, *Meliosma* sp. A (D. Sabatier & J.-F. Molino 5672). A, © J.-F. Molino/IRD; B-E, © D. Sabatier/IRD.

HERBARIUM DATA (FG). — A single collection *vide* Sleumer (1980): *L.C. Richard s.n.* (P). This collection could not be located with certainty, but could correspond to P04821776 or P04821777.

SIZE. — Up to 60 cm dbh (Sleumer 1980).

[1534] *Casearia negrensis* Eichler

*Fl. Bras. [Martius]* 13 (1): 466 [1 Oct. 1871] (Eichler 1871).

VERNACULAR NAMES. — Pa: waaduk.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *R.A.A. Oldeman 3191*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} 14.3$  cm.

[1535] *Casearia pitumba* Sleumer

*Blumea* 24: 118 (Sleumer 1978). — *Pitumba guianensis* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 29 [Jun.-Dec. 1775] (Aublet 1775). — *Samyda pitumba* Poir., *Encycl. [J. Lamarck et al.]* 6 (2): 492 [28 Aug. 1805] (Poiret 1805), *nom. illeg. superfl.* (based on *Pitumba guianensis*). — *Casearia macrophylla* Vahl, *Éclog. Amer.* 2: 32 (Vahl 1798), *nom. illeg. superfl.* (based on *Pitumba guianensis*). — *Casearia microphylla* Dennst., *Nomencl. Bot. [Dennstedt]* 1: 94 (Dennstedt 1810), *nom. illeg. superfl.* (based on *Pitumba guianensis*).

*Pitumba edulis* A.Rich. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 470 [1 Oct. 1871] (Eichler 1871), *nom. nud. pro syn.*

*Casearia timbuchi* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 358 (Macbride 1936), *nom. inval. (anglice)*.

*Casearia macrophylla* var. *barbatula* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (4.1): 45 (Macbride 1941).

NOTE. — *Casearia microphylla* is an orthographic variant that possibly originated from a typographical error (*macrophylla* intended).

VERNACULAR NAMES. — Pa: agagut-aška, ararut-aška, tahuma-purubumna, tahuma-seine • Ka: pelepele apotokon • Wp: yape'a pitā, yape'a pitā u • Wn: luweluwe • Nt: kwasikwasi tiki • Cr: grènn-oko, grènn-toti • Br : cabelo-de-cotia.

HERBARIUM DATA (FG). — 156 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000611049]).

INVENTORY DATA (FG). — 12 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[1536] *Casearia prunifolia* Kunth

*Nova genera et species plantarum [H.B.K.]* 5: 364 [24 Mar. 1823] (Kunth 1823).

*Casearia mathewsii* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 608 (Turczaninow 1863).

HERBARIUM DATA (FG). — A single collection, *C. Feuillet et al.* 10319.

SIZE. — Up to 20 m tall (Olson *et al.* 1999).

[1537] *Casearia rusbyana* Briq.

*Annuaire Conserv. Jard. Bot. Genève* 2: 73 (Briquet 1898).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: ahakyu, ahikyu.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier* 2321.

INVENTORY DATA (FG). — 6 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.4$  cm.

[1538] *Casearia singularis* Eichler

*Fl. Bras. [Martius]* 13 (1): 473 [1 Oct. 1871] (Eichler 1871).

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5642.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 11.5$  cm.

[1539] *Casearia sylvestris* Sw.

*Fl. Ind. Occid.* 2: 752 [Jan.-June 1798] (Swartz 1798). — *Samyda sylvestris* (Sw.) Poir., *Encycl. [J. Lamarck et al.]* 6 (2): 492 [28 Aug. 1805] (Poiret 1805), "*silvestris*". — *Guidonia sylvestris* (Sw.) M. Gómez, *Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.* 95 (Gómez 1889).

*Samyda parviflora* L., *Syst. Nat.*, ed. 10, 2: 1025 [7 June 1759] (Linnaeus 1759), *nom. illeg. hom., non* Loeffl. (Loeffling 1758, *nom. rej.*) *nec* Sessé & Moc. (Sessé & Mociño 1894).

*Casearia parviflora* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 700 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. hom., non* Jacq. (Jacquin 1780).

*Casearia serrulata* Sw., *Fl. Ind. Occid.* 2: 754 [Jan.-June 1798] (Swartz 1798).

*Casearia parviflora* Willd., *Sp. Pl.*, ed. 4 2 (1): 627 [Mar. 1799] (Willdenow 1799), *nom. illeg. hom., non* Jacq. (Jacquin 1780).

*Anavinga samyda* C.F.Gaertn., *Suppl. Carp.* 241 (Gaertner 1807). — *Casearia samyda* (C.F.Gaertn.) DC., *Prodr. [A. P. de Candolle]* 1: 51 [mid Jan. 1824] (Candolle 1824).

*Casearia punctata* Spreng., *Neue Entdeck. Pflanzenk.* 2: 154 (Sprengel 1821).

*Casearia sylvestris* var. *platyphylla* DC., *Prodr. [A. P. de Candolle]* 2: 49 [mid Nov. 1825] (Candolle 1825).

*Casearia parviflora* var. *microphylla* Schldtl., *Linnaea* 4: 90 (Schlechtendal 1829).

*Casearia affinis* Gardner, *London J. Bot.* 1: 529 (Gardner 1842).

*Casearia benthamiana* Miq., *Ann. Sci. Nat., Bot. sér. 3*, 1: 38 (Miquel 1844). — *Casearia sylvestris* var. *benthamiana* (Miq.) Uittien, *Recueil Trav. Bot. Néerl.* 22: 373 ["1925" publ. Jan. 1926] (Uittien 1926).

*Casearia sylvestris* var. *myricoides* Griseb., *Cat. Pl. Cub. [Grisebach]* 9 [May-Aug. 1866] (Grisebach 1866).

*Samyda parviflora* Sessé & Moc., *Fl. Mexic.*, ed. 2, 112 (Sessé & Mociño 1894), *nom. illeg. hom., non* Loeffl. (Loeffling 1758, *nom. rej.*) *nec* L. (Linnaeus 1759).

*Casearia attenuata* Rusby, *Mem. Torrey Bot. Club* 6 (1): 41 (Rusby 1896).

*Casearia sylvestris* var. *tomentella* Rusby, *Mem. Torrey Bot. Club* 6 (1): 41 (Rusby 1896).

*Casearia sylvestris* var. *wydleri* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 74 (Briquet 1898).

*Casearia sylvestris* var. *eichleri* Briq., *Bull. Herb. Boissier, sér. 2*, 7: 672 (Briquet 1907).

*Casearia onacaensis* Rusby, *Descr. S. Amer. Pl.* 62 [20 Dec. 1920] (Rusby 1920).

*Casearia chlorophoroidea* Rusby, *Descr. S. Amer. Pl.* 63 [20 Dec. 1920] (Rusby 1920). — *Casearia sylvestris* var. *chlorophoroidea* (Rusby) Sleumer, *Fl. Suriname* 3 (1): 298 (Sleumer 1935).

*Casearia herbert-smithii* Rusby, *Descr. S. Amer. Pl.* 63 [20 Dec. 1920] (Rusby 1920).

*Casearia formosa* Urb., *Repert. Spec. Nov. Regni Veg.* 22: 91 (Urban 1925).

*Casearia lindeniana* Urb., *Repert. Spec. Nov. Regni Veg.* 22: 92 (Urban 1925).

*Casearia caudata* Uittien, *Recueil Trav. Bot. Néerl.* 22: 373 ["1925" publ. Jan. 1926] (Uittien 1926).

*Casearia sylvestris* var. *angustifolia* Uittien, *Recueil Trav. Bot. Néerl.* 22: 373 ["1925" publ. Jan. 1926] (Uittien 1926).

*Casearia sylvestris* var. *paraensis* Uittien, *Recueil Trav. Bot. Néerl.* 22: 373 ["1925" publ. Jan. 1926] (Uittien 1926).

*Casearia schulziana* O.C.Schmidt, *Repert. Spec. Nov. Regni Veg.* 32: 87 (Schmidt 1933).

*Casearia ekmanii* Sleumer, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 954 [20 Jan. 1934] (Sleumer 1934).

*Casearia ovoidea* Sleumer, *Notizbl. Bot. Gart. Berlin-Dahlem* 11: 958 [20 Jan. 1934] (Sleumer 1934).

*Casearia sylvestris* var. *martinicensis* J.F.Macbr. ex L.L.Williams, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 357 (Williams 1936), *nom. inval. (anglice)*.

*Casearia subsessiliflora* Lundell, *Contr. Univ. Michigan Herb.* 6: 50 (Lundell 1941).

NOTE. — *Samyda parviflora* Sessé & Moc. also appears in the first edition of *Flora mexicana* (Sessé & Mociño 1892-1898: 123, as “*Paruiflora*”), but edition 2 has priority, probably from p. 49 onward (Stafleu & Cowan, 1985: TL-2-11756).

VERNACULAR NAMES. — Wp: yape’a pitá, yape’a pitá sili • Nt: kwasikwasi tiki • Br: cafézeiro-do-mato, erva-de-bugre, erva-de-lagarto, guaçatunga.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Sabatier 2100*.

INVENTORY DATA (FG). — 35 trees in 22 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[1540] *Casearia ulmifolia* Vahl ex Vent.  
(Fig. 52C)

*Choix Pl.* 1: 46, verso [Apr. 1804] (Ventenat 1804). — *Guidonia ulmifolia* (Vahl ex Vent.) Baill., *Traité Bot. Méd. Phan.* 2: 827 [Mar. 1884] (Baillon 1884).

*Casearia celtidifolia* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 363 [24 Mar. 1823] (Kunth 1823).

*Casearia petraea* Benth., *J. Bot. [Hooker]* 4: 111 (Bentham 1842).

*Casearia blanchetiana* Miq., *Linnaea* 22: 801 [“1849” publ. May 1850] (Miquel 1850).

*Casearia cambessedesii* Eichler, *Fl. Bras. [Martius]* 13 (1): 475 [1 Oct. 1871] (Eichler 1871).

*Casearia celtidifolia* Poepp. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 477 [1 Oct. 1871] (Eichler 1871), *nom. illeg. hom., non* Kunth (1823).

*Casearia cotticensis* Uittien, *Recueil Trav. Bot. Néerl.* 22: 369 [“1925” publ. Jan. 1926] (Uittien 1926).

*Casearia reginae* J.F.Macbr. ex L.L.Williams, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 356 (Williams 1936), *nom. inval. (anglice)*.

*Casearia tremifolia* J.F.Macbr., *Candollea* 8: 23 (Macbride 1940).

VERNACULAR NAMES. — Wp: yape’a pitá sili • Br: caferana.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5006bis*.

INVENTORY DATA (FG). — 16 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 23.3$  cm.

[1541] *Casearia zizyphoides* Kunth

*Nova genera et species plantarum [H.B.K.]* 5: 362 [24 Mar. 1823] (Kunth 1823).

*Casearia celastroides* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1167 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Casearia laevigata* Willd. ex Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1167 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

HERBARIUM DATA (FG). — A single collection *vide* Sleumer (1980): *J. Martin s.n.* (K, not seen).

SIZE. — Up to 10 m tall (Sleumer 1980).

[1542] *Casearia* sp. A

NOTE. — This species is also the “*Casearia* sp. A” in Mori & Fischer (2002).

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 14721*.

INVENTORY DATA (FG). — 13 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 16.4$  cm.

[1543] *Casearia* sp. B  
(Fig. 52B)

NOTE. — This species is also the “*Casearia* sp. B” in Mori & Fischer (2002).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *S.A. Mori & T.D. Pennington 18124*.

INVENTORY DATA (FG). — 25 trees in 20 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 28.2$  cm.

[1544] *Casearia* sp. C

NOTES. — This species, represented at CAY by specimens formerly identified as *Casearia acuminata* DC., differs from the latter in: 1) habit (trees vs treelets/shrubs of 5 cm dbh maximum in *C. acuminata*), 2) leaf pilosity (hairs on midvein on abaxial side vs glabrous), 3) leaf colour and size (brownish when dried and relatively large vs yellowish and smaller), 4) fruit pilosity (very short white hairs on the lower half of fruit vs glabrous except for a few long hairs at apex), 5) fruit colour (dull black vs shiny reddish).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4064*.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[1545] *Casearia* sp. D

HERBARIUM DATA (FG). — A single collection, *M.-F. Prévost & D. Sabatier 2280*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 10$  cm.

Genus *Hasseltia* Kunth

[1546] *Hasseltia floribunda* Kunth

*Nova genera et species plantarum [H.B.K.]* 7: 232 [25 Apr. 1825] (Kunth 1825).

*Hasseltia pubescens* Benth., *Pl. Hartw. [Bentham]*: 164 [before mid-Nov. 1845] (Bentham 1845).

*Banara laxiflora* Benth., *J. Proc. Linn. Soc., Bot.* 5 (Suppl. 2): 91 [May 1861] (Bentham 1861). — *Hasseltia laxiflora* (Benth.) Eichler, *Fl. Bras. [Martius]* 13 (1): 502 [1 Oct. 1871] (Eichler 1871).

*Hasseltia peruviana* Pilg., *Verh. Bot. Vereins Prov. Brandenburg* 47: 160 [1 Oct. 1905] (Pilger 1905).

*Hasseltia tomentulosa* Cuatrec., *Fieldiana, Bot.* 27 (1): 98 (Cuatrecasas 1950).

*Hasseltia monagensis* Steyer., *Fieldiana, Bot.* 28 (2): 407 (Steyermark 1952).

*Hasseltia panamensis* Standl. ex Dayton, *Phytologia* 4 (4): 253 [June 1953] (Dayton 1953), *nom. nud.*

*Hasseltia micrantha* L.O. Williams, *Fieldiana, Bot.* 29 (6): 361 (Williams 1961).

*Hasseltia psittacarum* L.O. Williams, *Fieldiana, Bot.* 31 (1-2): 28 [25 Nov. 1964] (Williams 1964).

*Hasseltia rigida* Woodson ex A. Robyns, *Ann. Missouri Bot. Gard.* 55 (1): 77 (Robyns 1968).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5683.

INVENTORY DATA (FG). — 28 trees in 9 plots;  $F_{\max} = 3\%$ ;  $dbh_{\text{inv}} = 47.7$  cm.

### Genus *Homalium* Jacq.

#### [1547] *Homalium guianense* (Aubl.) Oken

*Allg. Naturgesch.* 3 (2): 810 (Oken 1841). — *Racoubea guianensis* Aubl., *Hist. Pl. Guiane* 1: 590 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Homalium spicatum* Lam., *Encycl. [J. Lamarck et al.]* 1 (1): 32 [2 Dec. 1783] (Lamarck 1783), *nom. illeg. superfl.* (based on *Racoubea guianensis*). — *Homalium racoubea* Sw., *Prodr. [Swartz]* 86 [20 Jun.-29 July 1788] (Swartz 1788), *nom. illeg. superfl.* (based on *Racoubea guianensis*).

*Napimoga guianensis* Aubl., *Hist. Pl. Guiane* 1: 592 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Homalium napimoga* Spreng., *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 210 [Jan.-June 1827] (Sprengel 1827), *nom. illeg. superfl.* (based on *Napimoga guianensis*).

*Homalium surinamense* Steud., *Flora* 26 (45): 756 [17 Dec. 1843] (Steudel 1843).

*Homalium densiflorum* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 4: 36 [“1860” publ. July 1859] (Bentham 1859).

*Homalium puberulum* Klotzsch ex Eichler, *Fl. Bras. [Martius]* 13 (1): 507 [1 Oct. 1871] (Eichler 1871).

*Homalium mattogrossense* Malme, *Ark. Bot.* 23A(4): 20 (Malme 1930).

*Homalium chocoense* Cuatrec., *Fieldiana, Bot.* 27 (1): 99 (Cuatrecasas 1950).

VERNACULAR NAMES. — Pa: tahuma • Ka: alekikolan, masalaipyo • Wp: yape’a pitá sili, yawa luway • Cr: bwa-anmé.

HERBARIUM DATA (FG). — 46 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Racoubea guianensis*: BM[BM000624532]).

SIZE. — Up to 12 cm dbh (Sleumer 1980).

#### [1548] *Homalium racemosum* Jacq.

*Enum. Syst. Pl.*: 24 [Aug.-Sep. 1760] (Jacquin 1760).

*Homalium senarium* Sessé & Moc. ex DC., *Prodr. [A. P. de Candolle]* 2: 54 [mid Nov. 1825] (Candolle 1825).

*Homalium obtusatum* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 31 (1): 465 (Turczaninow 1858).

*Homalium pedicellatum* Spruce ex Benth., *J. Proc. Linn. Soc., Bot.* 4: 36 [“1860” publ. July 1859] (Bentham 1859).

*Homalium hondurensense* Donn.Sm., *Bot. Gaz.* 20 (1): 4 [18 Jan. 1895] (Donnell Smith 1895).

*Homalium integrifolium* Britton, *Bull. Torrey Bot. Club* 37 (7): 354 (Britton 1910), *nom. illeg. hom., non* (Lam.) Baill. (Baillon 1886).

*Homalium trichostemon* S.F.Blake, *Contr. Gray Herb.* 53: 60 [26 Feb. 1918] (Blake 1918).

*Homalium nicaraguense* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 225 [9 Sep. 1919] (Blake 1919).

*Homalium mollicellum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 226 [9 Sep. 1919] (Blake 1919).

*Homalium pleiandrum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 227 [9 Sep. 1919] (Blake 1919).

*Homalium hemistylum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 228 [9 Sep. 1919] (Blake 1919).

*Homalium leiogyne* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 228 [9 Sep. 1919] (Blake 1919).

*Homalium racemosum* subsp. *barbellatum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 229 [9 Sep. 1919] (Blake 1919).

*Homalium pittieri* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 230 [9 Sep. 1919] (Blake 1919).

*Homalium trichocladum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 231 [9 Sep. 1919] (Blake 1919).

*Homalium eleutherostylum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 232 [9 Sep. 1919] (Blake 1919).

*Homalium columbianum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 233 [9 Sep. 1919] (Blake 1919).

*Homalium euryptalum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 234 [9 Sep. 1919] (Blake 1919).

*Homalium stenosepalum* S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (7): 234 [9 Sep. 1919] (Blake 1919).

*Homalium riparium* Standl., *Publ. Carnegie Inst. Wash.* 461: 74 [26 Nov. 1935] (Standley 1935), *nom. illeg. hom., non* Gilg (1908).

*Homalium schippii* Standl., *Trop. Woods* 52: 27 (Standley 1937).

*Homalium anzoateguiense* Steyer., *Fieldiana, Bot.* 28 (2): 410 (Steyermark 1952).

*Homalium mituense* Cuatrec., *Trop. Woods* 101: 19 (Cuatrecasas 1955).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J. Martin s.n.* (P[P04822073]).

SIZE. — Brazil, Maranhão. *D.C. Daly D649* (MO), 15 m × 25 cm.



Genus *Piparea* Aubl.

[1549] *Piparea dentata* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 31 [Jun.-Dec. 1775] (Aublet 1775). — *Casearia dentata* (Aubl.) Eichler, *Fl. Bras. [Martius]* 13 (1): 484 [1 Oct. 1871] (Eichler 1871), *nom. illeg. hom., non* Sessé & Moc. ex DC. (Candolle 1825). — *Aksodeia piparea* Spreng., *Syst. Veg. [Sprengel]* 1: 807 [1825 publ. late 1824] (Sprengel 1824), *nom. illeg. superfl.* (based on *Piparea dentata*). — *Conohoria aubletii* D.Dietr., *Syn. Pl. [D. Dietrich]* 1: 831 [July 1839] (Dietrich 1839), *nom. illeg. superfl.* (based on *Piparea dentata*).

*Casearia commersoniana* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 2 (16): 235 [“1829” publ. Oct.-Nov. 1830] (Cambessèdes 1830).

*Casearia densiflora* Benth., *J. Bot. [Hooker]* 4: 113 (Bentham 1842).

*Casearia laurifolia* Benth., *J. Bot. [Hooker]* 4: 113 (Bentham 1842).

*Casearia lasiosperma* Triana & Planch., *Ann. Sci. Nat., Bot. sér.* 4, 17: 113 (Triana & Planchon 1862).

*Casearia congestiflora* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 608 (Turczaninow 1863).

*Casearia myriantha* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 609 (Turczaninow 1863). — *Casearia javitensis* var. *myriantha* (Turcz.) L.O. Williams, *Fieldiana, Bot.* 29 (6): 359 (Williams 1961).

*Casearia densiflora* var. *parviflora* Eichler, *Fl. Bras. [Martius]* 13 (1): 487 [1 Oct. 1871] (Eichler 1871).

*Casearia maximilianii* Eichler, *Fl. Bras. [Martius]* 13 (1): 487 [1 Oct. 1871] (Eichler 1871), “*maximiliani*”.

*Casearia miradorensis* Eichler, *Fl. Bras. [Martius]* 13 (1): 487 [1 Oct. 1871] (Eichler 1871).

*Casearia brighamii* Watson, *Proc. Amer. Acad. Arts* 21: 459 (Watson 1886), “*Brighami*”.

*Casearia piparea* Sleumer, *Lilloa* 23: 249 (Sleumer 1950).

NOTE. — The genus *Piparea* Aubl., once sunk into *Casearia* Jacq., has been resurrected by Samarakoon & Alford (Samarakoon & Alford 2019).

VERNACULAR NAMES. — Pa: tahuma • Wp: kasilikita'i sili, kasilikita'i sili, kwasiilikita'i sili • Br: cafezinho-do-mato, canela-de-veado.

HERBARIUM DATA (FG). — 87 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Piparea dentata*: BM[BM000624376]).

SIZE. — Up to 20 cm dbh (Sleumer 1980).

[1550] *Piparea multiflora* C.F.Gaertn.

*Suppl. Carp.* 231 (Gaertner 1807). — *Casearia gaertneri* Donn. Sm., *Enum. Pl. Guatem.*: 25 (Donnell Smith 1891), *nom. illeg. superfl.* (based on *Piparea multiflora*, *excl. specim. cit.* Donn. Sm., which is *Casearia commersoniana* Cambess.).

*Casearia javitensis* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 366 [24 Mar. 1823] (Kunth 1823), in nota, under *Lindleya glabra*. — *Chaetocrater javitensis* (Kunth) Raf., *Sylva Tellur.*: 149 (Rafinesque 1838).

*Casearia iquitosensis* J.F.Macbr., *Candollea* 8: 22 (Macbride 1940).

NOTE. — The genus *Piparea* Aubl., once sunk into *Casearia* Jacq., has been resurrected by Samarakoon & Alford (Samarakoon & Alford 2019).

VERNACULAR NAMES. — Pa: kanegma, yawu-seine • Ka: alawata muleli • Wp: kasilikita'i, kasilikita'i, kwasiilikita'i • Wn: sieju • Nt: kwasikwasi tiki • Cr: kafé-sovaj • Br: capança.

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material of *Piparea multiflora*: G-DC, G00208434).

INVENTORY DATA (FG). — 162 trees in 100 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 29.6$  cm.

Genus *Ryania* Vahl

[1551] *Ryania pyrifera* (Rich.) Uittien & Sleumer

*Fl. Suriname* 3 (1): 286 (Uittien & Sleumer 1935). — *Patrisia pyrifera* Rich., *Actes Soc. Hist. Nat. Paris* 1: 110 [Oct. 1792] (Richard 1792).

*Ryania sagotiana* Eichler, *Fl. Bras. [Martius]* 13 (1): 491 [1 Oct. 1871] (Eichler 1871). — *Patrisia sagotiana* (Eichler) Kuntze, *Revis. Gen. Pl.* 1: 45 [5 Nov. 1891] (Kuntze 1891).

NOTE. — Excluded synonym: *Ryania speciosa* Vahl.

VERNACULAR NAMES. — Pa: tahuma seine.

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *J.B. Leblond s.n.* (original material P[P02442081]).

SIZE. — Up to 10 cm dbh (Sleumer 1980).

[1552] *Ryania speciosa* Vahl var. *bicolor* (DC.) Monach. (Fig. 52D)

*Lloydia* 12: 19 (Monachino 1949). — *Patrisia bicolor* DC., *Prodr. [A. P. de Candolle]* 1: 256 [mid Jan. 1824] (Candolle 1824). — *Ryania candollei* Miq., *Ann. Mag. Nat. Hist.* 11: 16 (Miquel 1843), *nom. illeg. superfl.* (based on *Patrisia bicolor*). — *Ryania bicolor* (DC.) Eichler, *Fl. Bras. [Martius]* 13 (1): 491 [1 Oct. 1871] (Eichler 1871).

VERNACULAR NAMES. — Pa: kuuku-ariut-seine • Ka: tomoipo • Wp: iwikwisī, mukwisī.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material G-DC, G00207421).

INVENTORY DATA (FG). — 1 tree, dbh = 10.2 cm.

[1553] *Ryania speciosa* var. *subuliflora* (Sandwith) Monach.

*Lloydia* 12: 14 (Monachino 1949). — *Ryania pyrifera* var. *subuliflora* Sandwith, *J. Arnold Arbor.* 24 (2): 219 [15 Apr. 1943] (Sandwith 1943).

VERNACULAR NAMES. — Pa: kuuku-ariut • Wp: kasilikita'i, kasilikita'i, kwasiilikita'i • Br: capança, mata-calado.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *R.A.A. Oldeman 2386*.

SIZE. — Brazil, Amazonas. *L.O. Adão Teixeira 943* (MO), 8 m × 10 cm.

[1554] *Ryania speciosa* var. *tomentosa* (Miq.) Monach.

*Lloydia* 12: 16 (Monachino 1949). — *Ryania tomentosa* Miq., *Ann. Mag. Nat. Hist.* 11: 15 (Miquel 1843). — *Patrisia tomentosa* (Miq.) M.Roem., *Fam. Nat. Syn. Monogr.* 2: 136 (Roemer 1846). — *Ryania pyrifer* var. *tomentosa* (Miq.) Sleumer ex Sleumer & Uittien, *Fl. Suriname* 3 (1): 286 (Sleumer & Uittien 1935).

*Patrisia parviflora* DC., *Prodr. [A. P. de Candolle]* 1: 256 [mid Jan. 1824] (Candolle 1824). — *Ryania patrisii* Miq., *Ann. Mag. Nat. Hist.* 11: 16 (Miquel 1843), *nom. illeg. superfl.* (based on *Patrisia parviflora*). — *Ryania parviflora* (DC.) Griseb., *Fl. Brit. W.I. [Grisebach]*: 296 [late 1860] (Grisebach 1860).

*Ryania casiquiarensis* Steyerl., *Fieldiana, Bot.* 28 (2): 411 (Steyerl 1952).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J.-B. Patris s.n.* (original material of *Patrisia parviflora*: P[P02442059]).

SIZE. — Colombia, Amazonas. *A. Rudas L. 3391* (MO), 10 m × 15.9 cm.

Genus *Xylosma* G.Forst.[1555] *Xylosma benthamii* (Tul.) Triana & Planch.

*Ann. Sci. Nat., Bot. sér.* 4, 17: 99 (Triana & Planchon 1862). — *Flacourtia benthamii* Tul., *Ann. Sci. Nat., Bot. sér.* 3, 7: 291 (Tulasne 1847), “*benthami*”. — *Hisingera benthamii* (Tul.) Clos, *Ann. Sci. Nat., Bot. sér.* 4, 8: 225 (Clos 1857). — *Myroxylon benthamii* (Tul.) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Flacourtia nitida* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 119 (Bentham 1851). — *Hisingera lucens* Clos, *Ann. Sci. Nat., Bot. sér.* 4, 8: 225 (Clos 1857), *nom. illeg. superfl.* (based on *Flacourtia nitida*). — *Myroxylon lucens* Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Xylosma digyna* Eichler, *Fl. Bras. [Martius]* 13 (1): 447 [1 Oct. 1871] (Eichler 1871), “*digynum*”. — *Flacourtia digyna* Benth. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 447 [1 Oct. 1871] (Eichler 1871), *nom. nud. pro syn.*

*Myroxylon digynum* Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Xylosma armata* J.F.Macbr., *Candollea* 5: 391 (Macbride 1934).

*Xylosma pilosa* J.F.Macbr., *Candollea* 5: 391 (Macbride 1934).

*Xylosma pallidifolia* Sleumer ex Steyerl. & O.Huber, *Fl. Avila*: 425 (Steyerl & Huber 1978), “*pallidifolium*”, *nom. nud. pro syn.*

NOTES. — Being based on *Flacourtia nitida*, *Hisingera lucens* is superfluous and illegitimate. Therefore it cannot serve as the basionym of *Myroxylon lucens*.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (P[P04734493]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.5$  cm.

[1556] *Xylosma ciliatifolia* (Clos) Eichler

*Fl. Bras. [Martius]* 13 (1): 449 [1 Oct. 1871] (Eichler 1871), “*ciliatifolium*”. — *Hisingera ciliatifolia* Clos, *Ann. Sci. Nat., Bot. sér.* 4, 8: 223 (Clos 1857). — *Myroxylon ciliatifolium* (Clos) Kuntze, *Revis. Gen. Pl.* 1: 44 [5 Nov. 1891] (Kuntze 1891).

*Xylosma pou-orfilae* Herter, *Revista Sudamer. Bot.* 7: 214 (Herter 1943), *nom. nud.*

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P. Grenand & M.-F. Prévost* 1959.

INVENTORY DATA (FG). — 1 tree,  $dbh = 10.2$  cm.

[1557] *Xylosma tessmannii* Sleumer

*Notizbl. Bot. Gart. Berlin-Dahlem* 12: 477 [30 June 1935] (Sleumer 1935).

NOTE. — According to Sleumer (1980), this species is close to *X. benthamii*, perhaps only a luxuriant form of it.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *M.-F. Prévost* 3302.

SIZE. — Up to 40 cm  $dbh$  (Sleumer 1980).

## Family SAPINDACEAE Juss.

Genus *Allophylus* L.[1558] *Allophylus edulis* (A.St.-Hil., A.Juss. & Cambess.) Hieron. ex Niederl. (Fig. 53A)

*Bol. Mens. Mus. Prod. Argent.* 3 (29): 180 [Oct. 1890] (Niederlein 1890). — *Schmidelia edulis* A.St.-Hil., A.Juss. & Cambess., *Pl. Usuel. Bras.* 14: t. 67 [4 Aug. 1828] (Saint-Hilaire *et al.* 1828).

*Allophylus edulis* var. *gracilis* Radlk., *Fl. Bras. [Martius]* 13 (3): 485 [1 Apr. 1900] (Radlkofer 1900).

*Allophylus edulis* var. *subsessilis* Huber, *Bull. Soc. Bot. Genève, sér.* 2, 6: 185 [“1914” publ. 1915] (Huber 1915).

NOTES. — Acevedo-Rodríguez stated (pers. comm. 2015) that he mistakenly treated this taxon as *A. angustatus* (Triana & Planch.) Radlk. in (Acevedo-Rodríguez 2012). A. Jussieu and Cambessède are co-authors of parts 9-14 (pl. 41-70) of *Plantes usuelles des Brésiliens* (Saint-Hilaire *et al.* 1828).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2356.

INVENTORY DATA (FG). — 19 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.3$  cm.

[1559] *Allophylus latifolius* Huber

*Bull. Soc. Bot. Genève, sér.* 2, 6: 186 [“1914” publ. 1915] (Huber 1915).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 14752.

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.5$  cm.



FIG. 52. — Salicaceae: **A**, *Casearia grandiflora* Cambess. (D. Sabatier & J.-F. Molino 5187); **B**, *Casearia* sp. B (J.-F. Molino & D. Sabatier 2469); **C**, *Casearia ulmifolia* Vahl ex Vent. (D. Sabatier & J.-F. Molino 5006bis); **D**, *Ryania speciosa* Vahl var. *bicolor* (DC.) Monach. (J.-F. Molino *et al.* 1852). A, D, © D. Sabatier/IRD; B, C, © J.-F. Molino/IRD.

[1560] *Allophylus leuocladus* Radlk.

*Fl. Bras. [Martius]* 13 (3): 473 [1 Apr. 1900] (Radlkofer 1900).

VERNACULAR NAMES. — Wp: tapi'i lo wapa'a.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *C. Sastre 1621*, height 15 m.

[1561] *Allophylus robustus* Radlk.

*Monogr. Paullinia*: 185 (Radlkofer 1895).

HERBARIUM DATA (FG). — 27 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (original material G-DC, G00008481).

INVENTORY DATA (FG). — 4 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17$  cm.

Genus *Cupania* L.

[1562] *Cupania diphylla* Vahl

*Eclog. Amer.* 3: 9 (Vahl 1807).

*Cupania geminata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 419 [3 July 1812] (Poiret 1812).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *Unknown coll. s.n.* ("Herb. Poir.") (probable original material of *Cupania geminata*: P[P06671081]).

INVENTORY DATA (FG). — 10 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.6$  cm.

[1563] *Cupania hirsuta* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 565 (Radlkofer 1879).

*Cupania velutina* Klotzsch, *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1180 [“1848” publ. 7-10 Mar. 1849] (Klotzsch 1849), *nom. nud.*

*Cupania lanuginosa* Sagot ex Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 566 (Radlkofer 1879).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *P.A. Sagot 1214*, Jan. 1859 (holotype of *Cupania lanuginosa*: P[P06671233]; iso-, P[P06671232, P06671234, P06671235]; possible iso-, F[V0071577F, V0071578F], NY[00337808]).

INVENTORY DATA (FG). — 27 trees in 18 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 19$  cm.

[1564] *Cupania macrostylis* (Radlk.) Acev.-Rodr.

*Fl. Guianas*, ser. A, 29: 25 (Acevedo-Rodríguez 2012). — *Matayba macrostylis* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 625 (Radlkofer 1879).

*Matayba macrolepis* Radlk., *Fl. Bras. [Martius]* 13 (3): 605 [1 Apr. 1900] (Radlkofer 1900).

*Trichilia caudata* Killip & Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 5: 36 [Jan.-June 1942] (Killip & Cuatrecasas 1942).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2401*.

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.5$  cm.

[1565] *Cupania rubiginosa* (Poir.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 566 (Radlkofer 1879). — *Robinia rubiginosa* Poir., *Encycl. [J. Lamarck et al.]* 6 (1): 227 [2 Oct. 1804] (Poiret 1804).

*Cupania subrepanda* Mart., *Flora* 21 (2, Beibl.): 70 (Martius 1838).

VERNACULAR NAMES. — Pa: mbagwi, mbagwi-purubumna, mbarui, mbarui-purubumna • Ka: tohmopala • Wp: kalima'i, kalima'i sili, kalima'i yowa • Nt: singabusu • Cr: gangouti • Br: pau-de-arapuce.

HERBARIUM DATA (FG). — 70 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2792*.

INVENTORY DATA (FG). — 24 trees in 19 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.9$  cm.

[1566] *Cupania scrobiculata* Rich.  
(Fig. 53B)

*Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792).

*Cupania reticulata* Cambess., *Mém. Mus. Hist. Nat.* 18: 41 (Cambessès 1829). — *Cupania scrobiculata* f. *reticulata* (Cambess.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 565 (Radlkofer 1879). — *Cupania scrobiculata* var. *reticulata* (Miq.) Uittien, *Fl. Suriname* 2 (1): 389 (Uittien 1937).

*Cupania frondosa* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 199 (Bentham 1851). — *Cupania scrobiculata* f. *frondosa* (Benth.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.*

*München* 9: 565 (Radlkofer 1879). — *Cupania scrobiculata* var. *frondosa* (Benth.) Uittien, *Fl. Suriname* 2 (1): 390 (Uittien 1937).

*Cupania porosa* Miq., *Stirp. Surinam. Select.*: 70 [“1850” publ. Mar. 1851] (Miquel 1851).

*Cupania guianensis* Miq., *Stirp. Surinam. Select.*: 71 [“1850” publ. Mar. 1851] (Miquel 1851). — *Cupania scrobiculata* f. *guianensis* (Miq.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 565 (Radlkofer 1879).

*Cupania obovata* Gleason, *Bull. Torrey Bot. Club* 54 (8): 616 [Nov. 1927] (Gleason 1927).

*Cupania auriculata* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (1): 20 (Standley 1930).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: mbagwi, mbagwi-seine, mbarui, mbarui-seine • Ka: tohmopala, tonolo ipyo, tonolo polipyo • Te: tononipö • Wp: kalima'i, kalimai'si • Wn: kabanman, kaikui wapa • Nt: singabusu • Cr: gangouti-blan • Br: pau-de-arapuce.

HERBARIUM DATA (FG). — 113 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00117101; iso-, P00117102, P00117103, P00117104, P00117105, P00117106]).

INVENTORY DATA (FG). — 331 trees in 120 plots;  $F_{\max} = 9.7\%$ ;  $dbh_{\text{inv}} = 38$  cm.

## Genus *Matayba* Aubl.

[1567] *Matayba arborescens* (Aubl.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 353 (Radlkofer 1879). — *Sapindus arborescens* Aubl., *Hist. Pl. Guiane* 1: 357 [Jun.-Dec. 1775] (Aublet 1775).

*Cupania laevigata* Rich., *Actes Soc. Hist. Nat. Paris* 1: 109 [Oct. 1792] (Richard 1792), “*Laevigata*”.

*Cupania aubletii* Miq., *Stirp. Surinam. Select.*: 67 [“1850” publ. Mar. 1851] (Miquel 1851).

*Matayba reducta* Steyererm., *Fieldiana, Bot.* 28 (2): 351 (Steyermark 1952).

NOTE. — The original material of *Sapindus arborescens* at BM (BM000884118) is labelled “TYPE SPECIMEN *Sapindus frutescens* Aubl. Pl. Gui. 1: 355. T 138”, while that of *S. frutescens* Aubl. [synonym of *Pseudima frutescens* (Aubl.) Radlk.] (BM000884091) is labelled “TYPE SPECIMEN *Sapindus arborescens* Aubl. Pl. Gui. 1: 357. T 137” (Acevedo-Rodríguez 2012: 38).

VERNACULAR NAMES. — Ka: tonolo ipyo, tonolo polipyo • Te: tononipö • Wp: kalima'i, kalimai'si, yatoa'i si • Nt: singabusu • Cr: sanvonié • Br: breu-de-tucano.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000884118]).

INVENTORY DATA (FG). — 10 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.1$  cm.

[1568] *Matayba guianensis* Aubl.

*Hist. Pl. Guiane* 1: 331 [Jun.-Dec. 1775] (Aublet 1775). — *Matayba guianensis* f. *genuina* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 631 (Radlkofer 1879), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

VERNACULAR NAMES. — Wn: asisimë, sihkëimëimë.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000884102]).

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.1$  cm.

[1569] *Matayba inelegans* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 535 (Radlkofer 1879). — *Cupania inelegans* Spruce ex Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 517 (Radlkofer 1879), *nom. nud. pro syn.*

*Matayba sororopaniana* Steyerl., *Fieldiana, Bot.* 28 (2): 348 (Steyerl. 1952).

NOTE. — Although Spruce's label on type reads "*Cupania inelegans* Spruce", Spruce never made the combination *Matayba inelegans*. Authorship is thus Radlk., not "Spruce ex Radlk."

VERNACULAR NAMES. — Pa: kwepan-wašiuunu • Ka: tonolo ipyo, tonolo polipyo • Nt: geli udu.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3348*.

INVENTORY DATA (FG). — 126 trees in 27 plots;  $F_{\max} = 10.9\%$ ;  $dbh_{\text{inv}} = 33.9$  cm.

[1570] *Matayba laevigata* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 628 (Radlkofer 1879). — *Cupania laevigata* Miq., *Stirp. Surinam. Select.*: 72 ["1850" publ. Mar. 1851] (Miquel 1851), *nom. illeg. hom., non* Rich. (Richard 1792) [synonym of *Matayba guianensis*].

*Matayba guianensis* subf. *subovalis* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 632 (Radlkofer 1879).

*Matayba miquelii* Uittien, *Fl. Suriname* 2 (1): 384 (Uittien 1937).

NOTES. — *Cupania laevigata* Miq. is illegitimate, thus cannot be the basionym of *Matayba laevigata* Radlk. Although published as a subforma of the invalid forma *genuina*, *M. guianensis* subf. *subovalis* Radlk. is legitimate.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *F.M.R. Leprieur 333* (original material of *Matayba guianensis* subf. *subovalis*: L[L0014432, L0014433]).

INVENTORY DATA (FG). — 9 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 32.7$  cm.

[1571] *Matayba opaca* Radlk.  
(Fig. 53C)

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 628 (Radlkofer 1879).

*Matayba fallax* Radlk., *Fl. Bras. [Martius]* 13 (3): 612 [1 Apr. 1900] (Radlkofer 1900). — *Matayba opaca* var. *fallax* (Radlk.) Uittien, *Fl. Suriname* 2 (1): 384 (Uittien 1937).

*Matayba affinis* Steyerl., *Ann. Missouri Bot. Gard.* 75 (3): 1067 [19 Oct. 1988] (Steyerl. 1988).

VERNACULAR NAMES. — Ka: tikalayen tonoloipyo • Wp: wila pisi'u • Wn: jala.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier 2102*.

INVENTORY DATA (FG). — 50 trees in 8 plots;  $F_{\max} = 3.4\%$ ;  $dbh_{\text{inv}} = 28.3$  cm.

[1572] *Matayba peruviana* Radlk. subsp. *oligandra*  
(Sandwith) T.D.Penn. ex Acev.-Rodr.

*Fl. Guianas*, ser. A, 29: 46 (Acevedo-Rodríguez 2012). — *Matayba oligandra* Sandwith, *Bull. Misc. Inform. Kew* 1935 (3): 123 [20 May 1935] (Sandwith 1935).

*Trichilia ptariana* Steyerl., *Fieldiana, Bot.* 28 (2): 278 (Steyerl. 1952).

*Matayba oligandra* var. *ptariana* (Steyerl.) Steyerl., *Bol. Soc. Venez. Ci. Nat.* 26: 426 (Steyerl. 1966).

*Matayba chimantensis* Steyerl. & Maguire, *Mem. New York Bot. Gard.* 17 (1): 447 (Steyerl. & Maguire 1967).

*Matayba jauaensis* Steyerl., *Bol. Soc. Venez. Ci. Nat.* 33: 347 (Steyerl. 1976).

*Matayba oligandra* var. *occidentalis* Steyerl., *Ann. Missouri Bot. Gard.* 75 (3): 1069 [19 Oct. 1988] (Steyerl. 1988).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori & T.D. Pennington 17937*.

SIZE. — Up to 20 m tall (Acevedo-Rodríguez 2012).

[1573] *Matayba stenodictya* Radlk.

*Fl. Bras. [Martius]* 13 (3): 629 [1 Apr. 1900] (Radlkofer 1900).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier et al. 4712*.

INVENTORY DATA (FG). — 12 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.6$  cm.

Genus *Melicoccus* P.Browne

[1574] *Melicoccus pedicellaris* (Sagot ex Radlk.) Acev.-Rodr.

*Fl. Neotrop. Monogr.* 87: 30 [22 May 2003] (Acevedo-Rodríguez 2003). — *Talisia pedicellaris* Sagot ex Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 342 (Radlkofer 1878).

*Talisia pulverulenta* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 342 (Radlkofer 1878).

NOTE. — Radlkofer (1878) did ascribe the binomial *Talisia pedicellaris* to Sagot, by stating: “Der speciesbeiname ist aus dem von Sagot der Pflanze beigelegten Namen [...]”.

VERNACULAR NAMES. — Wp: tuli átá u.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *P.A. Sagot 1188*, Aug. 1858 (lecto-, P, designated by Acevedo-Rodríguez [2003: 31], not seen, fragm. M[M-0224883]; isolecto-, BM[BM000884044], BR[BR0000005417018], F[V0071843F, V0071844F, V0071845F], GOET[GOET010791], K[K000035428, K000035429], MPU[MPU010928], P[P00117093, P00117094, P00117095, P00117096, P00117097, P00117098], U[U0006556]; possible isolecto-, P[P02428274, P02428275]).

INVENTORY DATA (FG). — 80 trees in 52 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 27.7$  cm.

### Genus *Pentascyphus* Radlk.

[1575] *Pentascyphus thyrsoiflorus* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 539 (Radlkofer 1879).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *F.M.R. Leprieur 335* (holo-, P[P00214699]; iso-, L[L0014517]).

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 24.8$  cm.

### Genus *Pseudima* Radlk.

[1576] *Pseudima frutescens* (Aubl.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 300 (Radlkofer 1878). — *Sapindus frutescens* Aubl., *Hist. Pl. Guiane* 1: 355 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — The original material of *Sapindus frutescens* at BM (BM000884091) is labelled “TYPE SPECIMEN *Sapindus arborescens* Aubl. Pl. Gui. 1: 357. T 137”, while that of *S. arborescens* Aubl. [synonym of *Matayba arborescens* (Aubl.) Radlk.] (BM000884118) is labelled “TYPE SPECIMEN *Sapindus frutescens* Aubl. Pl. Gui. 1: 355. T 138” (Acevedo-Rodríguez 2012: 38).

VERNACULAR NAMES. — Pa: tuu-ariut, tuu-kamwi-seine • Ka: tiyawasisyen • Wp: yikisi'i, yikisi'i lo • Cr: sanvonié • Br: camaá, fruta-de-anel, pau-de-gafanhoto, pitomba-de-macaco.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000884091]).

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.1$  cm.

### Genus *Scyphonychium* Radlk.

[1577] *Scyphonychium multiflorum* (Mart.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 9: 519 (Radlkofer 1879). — *Cupania multiflora* Mart., *Flora* 21 (2, Beibl.): 75 (Martius 1838).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 3479*.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.3$  cm.

### Genus *Talisia* Aubl.

[1578] *Talisia clathrata* Radlk. subsp. *canescens* Acev.-Rodr.

*Fl. Neotrop. Monogr.* 87: 56 [22 May 2003] (Acevedo-Rodríguez 2003).

VERNACULAR NAMES. — Nt: baala wiwii.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *P. Acevedo-Rodríguez et al. 5012* (holo-, US[00614239]; iso-, A, CAY[CAY001980, CAY001981], CTES, F, HUA, K, NY, P[P04857357], L[exU]).

INVENTORY DATA (FG). — 16 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 25.6$  cm.

[1579] *Talisia furfuracea* Sandwith

*Bull. Misc. Inform. Kew* 1935 (3): 121 [20 May 1935] (Sandwith 1935).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3663*.

INVENTORY DATA (FG). — 46 trees in 39 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 47.1$  cm.

[1580] *Talisia guianensis* Aubl.

*Hist. Pl. Guiane* 1: 349 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Talisia rosea* Vahl, *Eclóg. Amer.* 2: 30 (Vahl 1798), *nom. illeg. superfl.* (based on *Talisia guianensis*).

*Talisia glabra* DC., *Prodr. [A. P. de Candolle]* 1: 609 [mid Jan. 1824] (Candolle 1824).

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000838014]); *P. Acevedo-Rodríguez et al. 4871* (MO), 10 m tall.

[1581] *Talisia hemidasya* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 349 (Radlkofer 1878).

*Talisia glandulifera* Steyererm., *Ann. Missouri Bot. Gard.* 75 (3): 1072 [19 Oct. 1988] (Steyermark 1988).

VERNACULAR NAMES. — Ka: sepupi, supupi, tonolo ipyo • Wp: tuli átá • Cr: bwa-flanbo, payakousa • Br: pitomba-do-norte, pitombeira.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *S.A. Mori et al. 15027* (holotype of *Talisia glandulifera*: MO[MO-256425]; iso-, NY[00039423]).

INVENTORY DATA (FG). — 9 trees in 4 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 26.5$  cm.

[1582] *Talisia hexaphylla* Vahl

*Eclog. Amer.* 2: 29 (Vahl 1798).

*Talisia panamensis* Pittier, *Contr. U.S. Natl. Herb.* 20 (3): 129 [18 June 1918] (Pittier 1918).

*Talisia cararensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (31): 306 [Dec. 1951] (Cuatrecasas 1951).

VERNACULAR NAMES. — Pa: miumiu-asiru-wašiuunu, tuu-ariut • Ka: wa:u • Te: tuli • Wn: këlëpukaju • Nt: gaan tatu tiki, tatu, tatu udu • Cr: bwa-flanbo, payakousa • Br: pitomba-do-norte, pitombeira.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 4631.

INVENTORY DATA (FG). — 198 trees in 107 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 46.5$  cm.

[1583] *Talisia longifolia* (Benth.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 348 (Radlkofer 1878). — *Cupania longifolia* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 2: 211 (Bentham 1850).

VERNACULAR NAMES. — Wp: tuli átã • Wn: tēpu • Nt: tatu • Cr: bwa-flanbo, payakousa • Br: pitomba-do-norte, pitombeira.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2872.

INVENTORY DATA (FG). — 7 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.5$  cm.

[1584] *Talisia macrophylla* (Mart.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 347 (Radlkofer 1878). — *Cupania macrophylla* Mart., *Flora* 21 (2, Beibl.): 74 (Martius 1838).

*Talisia elephantipes* Sandwith, *J. Bot.* 78: 256 (Sandwith 1940).

*Talisia allenii* Croat, *Ann. Missouri Bot. Gard.* 63: 527 (Croat 1976).

*Talisia pentantha* Steyer., *Ann. Missouri Bot. Gard.* 75 (3): 1075 [19 Oct. 1988] (Steyermark 1988).

*Talisia sancarlosiana* Steyer., *Ann. Missouri Bot. Gard.* 75 (3): 1075 [19 Oct. 1988] (Steyermark 1988).

VERNACULAR NAMES. — Te: tuli • Wp: tuli átã u • Cr: bwa-flanbo, payakousa.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3253.

INVENTORY DATA (FG). — 8 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15$  cm.

[1585] *Talisia megaphylla* Sagot ex Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 350 (Radlkofer 1878).

VERNACULAR NAMES. — Pa: tuu-aška, tuu-kamwi • Ka: malay wokilì, tulisi, tulusili.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: *P.A. Sagot* 1194, 1857 (lecto-, P[P06694733], designated by Acevedo-Rodríguez [2003: 136]; isolecto-, BR[BR0000005417100], K[K000035531, K000035532]).

INVENTORY DATA (FG). — 8 trees in 8 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.5$  cm.

[1586] *Talisia microphylla* Uittien

*Recueil Trav. Bot. Néerl.* 34: 483 (Uittien 1937).

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3855.

INVENTORY DATA (FG). — 46 trees in 34 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 41.1$  cm.

[1587] *Talisia mollis* Kunth ex Cambess.

*Mém. Mus. Hist. Nat.* 18: 48 (Cambessèdes 1829).

*Tapirocarpus talisia* Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 13: 292 (Sagot 1882), *pro parte vegetativa*.

VERNACULAR NAMES. — Wp: tuli átã, tuli átã u, tuli átã yowa • Nt: tatu • Cr: bwa-flanbo, payakousa • Br: pitomba-brava.

HERBARIUM DATA (FG). — 52 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-4183*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 12.4$  cm.

[1588] *Talisia pachycarpa* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 350 (Radlkofer 1878).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (holo-, G[G00008241, photo F neg. 23635]; iso-, F[V0071842F], possible iso-, K[K000542729]).

SIZE. — Up to 15 cm dbh (Acevedo-Rodríguez 2003).

[1589] *Talisia praealta* Sagot ex Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 345 (Radlkofer 1878). — *Cupania praealta* (Sagot ex Radlk.) Sagot, *Ann. Sci. Nat., Bot. sér.* 6, 12: 199 (Sagot 1881).

VERNACULAR NAMES. — Pa: bukutru-ateu • Ka: tulisi, tulusili • Te: tuli • Wn: jala, tēpuimë • Cr: bwa-flanbo, bwa-golèt, payakousa • Br: pitomba-do-norte, pitombeira.

HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *P.A. Sagot* 1047, 1857 (holo-, B[not seen, photo F neg 5679]; lecto-, P[P04857336], designated by Acevedo-Rodríguez [2003: 76]; isolecto-, BM[BM001042336], BR[BR0000005416639], F[V0071846F, V0071847F], GOET[GOET010870], K[K000035414, K000035415], M[M0224877], MPU[MPU010929], NY[00658344], P[P04857336], U[U0006555]).

INVENTORY DATA (FG). — 114 trees in 74 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 79.5$  cm.

[1590] *Talisia simaboides* K.U.Kramer

*Acta Bot. Neerl.* 21: 676 (Kramer 1972).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Nt: gaan tatu tiki, tatu udu • Cr: bwa-flanbo, payakousa.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3658.

INVENTORY DATA (FG). — 132 trees in 93 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[1591] *Talisia squarrosa* Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 346 (Radlkofer 1878).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *M.-F. Prévost* 2170.

INVENTORY DATA (FG). — 36 trees in 4 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 54.7$  cm.

[1592] *Talisia sylvatica* (Aubl.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 341 (Radlkofer 1878). — *Racaria sylvatica* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 24 [Jun.-Dec. 1775] (Aublet 1775).

*Talisia carinata* Radlk. f. *acutisepala* Radlk., *Fl. Bras. [Martius]* 13 (3): 549 [1 Apr. 1900] (Radlkofer 1900).

*Talisia micrantha* Radlk., *Repert. Spec. Nov. Regni Veg.* 9: 375 (Radlkofer 1911).

*Talisia reticulata* Radlk., *Repert. Spec. Nov. Regni Veg.* 9: 376 (Radlkofer 1911).

VERNACULAR NAMES. — Pa: tuu-aška • Te: tuli • Wp: tuli átá • Wn: tëpu.

HERBARIUM DATA (FG). — 64 collections at CAY. Sel. exs.: *P. Acevedo-Rodríguez et al.* 4911.

INVENTORY DATA (FG). — 1 tree,  $dbh = 25.6$  cm.

Genus *Toulicia* Aubl.[1593] *Toulicia elliptica* Radlk.  
(Fig. 53D)

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 371 (Radlkofer 1878).

VERNACULAR NAMES. — Pa: tuu-kamwi.

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino* 5076.

INVENTORY DATA (FG). — 41 trees in 7 plots;  $F_{\max} = 2.5\%$ ;  $dbh_{\text{inv}} = 47.4$  cm.

[1594] *Toulicia guianensis* Aubl.

*Hist. Pl. Guiane* 1: 359 [Jun.-Dec. 1775] (Aublet 1775).

*Toulicia pulvinata* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 371 (Radlkofer 1878).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana.

VERNACULAR NAMES. — Ka: tulisi, tulusili • Wp: tuli sī.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000629523]).

SIZE. — Up to 30 m tall (Acevedo-Rodríguez 2012).

Genus *Vouarana* Aubl.[1595] *Vouarana guianensis* Aubl.

*Hist. Pl. Guiane* 2 (Suppl.): 12 [Jun.-Dec. 1775] (Aublet 1775).

VERNACULAR NAMES. — Wp: tãpë lemü'i • Br: maraximbé.

HERBARIUM DATA (FG). — 28 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000645706]); *D. Sabatier* 1538 (epitype US[00725189] ; isoeotypes CAY[CAY015974], P[P06671280]).

INVENTORY DATA (FG). — 47 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

Family SAPOTACEAE Juss.  
Genus *Chromolucuma* Ducke[1596] *Chromolucuma congestifolia*  
(Pilz) Alves-Araújo & M.Alves

*Brittonia* 64 (1): 28 (Alves-Araújo & Alves 2012). — *Pouteria congestifolia* Pilz, *Ann. Missouri Bot. Gard.* 68 (1): 191 [17 Nov. 1981] (Pilz 1981).

HERBARIUM DATA (FG). — A single collection, *T.D. Pennington et al.* 13840 (K).

SIZE. — Costa Rica. *T.D. Pennington* 11539 (MO), 12 m × 30 cm.

Genus *Chrysophyllum* L.[1597] *Chrysophyllum argenteum* Jacq.  
subsp. *auratum* (Miq.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 545 [26 Apr. 1990] (Pennington 1990). — *Chrysophyllum auratum* Miq., *Fl. Bras. [Martius]* 7: 97 [15 Jan. 1863] (Miquel 1863). — *Cynodendron auratum* (Miq.) Baehni, *Boissiera* 11: 143 (Baehni 1965).

*Chrysophyllum sericeum* A.DC., *Prodr. [A. P. de Candolle]* 8: 158 [mid Mar. 1844] (Candolle 1844), *non* Salisb. (1796, *nom. nud.*)

*Chrysophyllum richardii* Klotzsch ex Miq., *Fl. Bras. [Martius]* 7: 97 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*



*Chrysophyllum auratum* var. *majus* Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863).

*Chrysophyllum guyanense* Klotzsch ex Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*

*Chrysophyllum hostmannianum* Klotzsch ex Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*

*Chrysophyllum nitidissimum* Klotzsch ex Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*

*Chrysophyllum sericeum* var. *acutifolium* Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863).

*Chrysophyllum sericeum* var. *obtusifolium* Miq., *Fl. Bras. [Martius]* 7: 98 [15 Jan. 1863] (Miquel 1863).

VERNACULAR NAMES. — Ka: kalu melei, kameli • Wp: kalamülī sili, wai piyū, wai piyū sili, wai to wilá • Cr: zoliv • Br: ajará, guajará, uajara-branco.

HERBARIUM DATA (FG). — 60 collections at CAY. Sel. exs.: *A. Gabriel s.n.* (holotype of *Chrysophyllum sericeum*: G-DC[G00139532]; iso-, F[V0071948F], G[G00434796, G00434797]).

INVENTORY DATA (FG). — 28 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 61.4$  cm.

[1598] *Chrysophyllum argenteum*  
subsp. *nitidum* (G.Mey.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 548 [26 Apr. 1990] (Pennington 1990). — *Chrysophyllum nitidum* G.Mey., *Prim. Fl. Esseq.*: 116 [Nov. 1818] (Meyer 1818). — *Cynodendron nitidum* (G.Mey.) Aubrév., *Adansonia*, n.s., 7 (4): 466 [Dec. 1967] (Aubréville 1967).

*Chrysophyllum psilophyllum* A.DC., *Prodr. [A. P. de Candolle]* 8: 160 [mid Mar. 1844] (Candolle 1844).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: kalu melei, kameli • Wp: wai • Wn: wapolimë • Nt: kwata bobi, nyanboka • Cr: zoliv • Br: ajará, guajará.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J. Martin s.n.* (holotype of *Chrysophyllum psilophyllum*: P[P00649300]; iso-, F[V0071943F], P[P00649301, P00649302, P00649303]; possible iso-, US[00323625]).

INVENTORY DATA (FG). — 250 trees in 108 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 43.9$  cm.

[1599] *Chrysophyllum cuneifolium* (Rudge) A.DC.

*Prodr. [A. P. de Candolle]* 8: 160 [mid Mar. 1844] (Candolle 1844). — *Bumelia cuneifolia* Rudge, *Pl. Guian. [Rudge]* 1 (4): 30 [Apr.-May 1806] (Rudge 1806). — *Priourella cuneifolia* (Rudge) Pierre ex Aubrév., *Adansonia*, n.s., 1 (1): 19 [Nov. 1961] (Aubréville 1961), *nom. inval.* — *Ecclinusa cuneifolia* (Rudge) Aubrév., *Adansonia*, n.s., 1 (1): 20 [Nov. 1961] (Aubréville 1961), *nom. inval.*

NOTES. — The new combinations *Priourella cuneifolia* and *Ecclinusa cuneifolia* were not validly published because the basionym was not explicitly cited (Turland *et al.* 2018: Art. 41.3). *Priourella cuneifolia* (Rudge) Pierre ex Aubrév. appeared on p. 69 of Pierre's *Notes Botaniques: Sapotaceae*, but pp. 69-83 of that work were never published (they exist only as proofs at P).

VERNACULAR NAMES. — Pa: uu-kamwi-wahuyo, wakukwa-adudu • Ka: atakamala, kusili palatali • Te: wila pulu'a • Wp: wila pele • Nt: kwata bobi • Cr: tété-kwata • Br: abiurana, maçarandúbarana.

HERBARIUM DATA (FG). — 47 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000952593]).

INVENTORY DATA (FG). — 51 trees in 36 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22.1$  cm.

[1600] *Chrysophyllum durifructum* (W.A.Rodrigues)  
T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 604 [26 Apr. 1990] (Pennington 1990). — *Achrouteria durifructa* W.A.Rodrigues, *Acta Amazonica* 4 (3): 15 (Rodrigues 1974).

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori et al.* 24828.

INVENTORY DATA (FG). — 16 trees in 4 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 84$  cm.

[1601] *Chrysophyllum eximium* Ducke

*Bull. Mus. Natl. Hist. Nat.*, sér. 2, 4 (6): 744 (Ducke 1932). — *Ecclinusa eximia* (Ducke) Cronquist, *Bull. Torrey Bot. Club* 73 (3): 310 [June 1946] (Cronquist 1946).

*Chrysophyllum rufocupreum* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 67 [Sep. 1935] (Ducke 1935). — *Ecclinusa rufocuprea* (Ducke) Cronquist, *Bull. Torrey Bot. Club* 73 (3): 311 [June 1946] (Cronquist 1946).

VERNACULAR NAMES. — Nt: busi apaa.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2568.

INVENTORY DATA (FG). — 107 trees in 30 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 66.3$  cm.

[1602] *Chrysophyllum lucentifolium* Cronquist  
subsp. *pachycarpum* Pires & T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 606 [26 Apr. 1990] (Pires & Pennington 1990).

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 2696.

INVENTORY DATA (FG). — 109 trees in 46 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 125$  cm.

[1603] *Chrysophyllum manaoense* (Aubrév.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 598 [26 Apr. 1990] (Pennington 1990). — *Priourella manaoensis* Aubrév., *Adansonia*, n.s., 4 (3): 370 [Dec. 1964] (Aubréville 1964).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino* 5134.

INVENTORY DATA (FG). — 6 trees in 6 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 34$  cm.

[1604] *Chrysophyllum pomiferum* (Eyma) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 602 [26 Apr. 1990] (Pennington 1990). — *Achrouteria pomifera* Eyma, *Recueil Trav. Bot. Néerl.* 33: 193 (Eyma 1936). — *Pouteria pomifera* (Eyma) Baehni, *Candollea* 9: 353 (Baehni 1942).

*Planchonella guianensis* P.Royen, *Blumea* 8: 395 (Royen 1957).

VERNACULAR NAMES. — Pa: aku-aiwut • Wn: tēpuluimë • Nt: mongii soke • Cr: balata-ponm • Fr: jaune d'œuf à grandes feuilles • Br: abiurana.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier* 984.

INVENTORY DATA (FG). — 81 trees in 58 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 79.1$  cm.

[1605] *Chrysophyllum prieurii* A.DC.  
(Fig. 54A)

*Prodr. [A. P. de Candolle]* 8: 161 [mid Mar. 1844] (Candolle 1844), “*Prieurei*”. — *Ecclinusa prieurii* (A.DC.) Aubrév., *Adansonia*, n.s., 1 (1): 20 [Nov. 1961] (Aubréville 1961). — *Prieurella prieurii* (A.DC.) Aubrév., *Adansonia*, n.s., 4 (3): 370 [Dec. 1964] (Aubréville 1964).

*Chrysophyllum cyanogenum* Ducke, *Trop. Woods* 71: 18 (Ducke 1942). — *Ecclinusa cyanogena* (Ducke) Aubrév., *Adansonia*, n.s., 1 (1): 20 [Nov. 1961] (Aubréville 1961).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: panauna-priye, uu-kamwi • Wp: takamala • Nt: pepee boyti • Cr: apisi-jonn, balata-jonndëf • Fr: balata indien, balata jaune d'œuf • Br: abiurana-mocambo, abiurana-vermelha, maçarandúbarana.

HERBARIUM DATA (FG). — 44 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holo-, G-DC[G00139685]; iso-, GH[GH00075582], P[P00649386, P00649387]).

INVENTORY DATA (FG). — 350 trees in 138 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 71.9$  cm.

[1606] *Chrysophyllum sanguinolentum* (Pierre) Baehni

*Boissiera* 11: 74 (Baehni 1965). — *Ragala sanguinolenta* Pierre, *Notes Bot. Sapot.* 2: 60 (Pierre 1891). — *Ecclinusa sanguinolenta* Pierre, *Notes Bot. Sapot.* 2: 58 (Pierre 1891), *nom. nud. pro syn.* — *Ecclinusa sanguinolenta* (Pierre) Engl., *Nat. Pflanzenfam. [Engler & Prantl] Nachtr.* 1: 278 (Engler 1897).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Nt: switi amini • Cr: balata-senj-rouj • Fr: balata pommier • Br: balata-brava, ucuquirana.

HERBARIUM DATA (FG). — 42 collections at CAY. Sel. exs.: *E.M. Mélinon* 42, 1862 (holo-, P[P00649392]; iso-, BM[BM000952597], F[V0072216F, V0072217F], US[00067565, 00067566, 00067567]).

INVENTORY DATA (FG). — 399 trees in 123 plots;  $F_{\max} = 5.3\%$ ;  $dbh_{\text{inv}} = 76.9$  cm.

[1607] *Chrysophyllum sparsiflorum* Klotzsch ex Miq.

*Fl. Bras. [Martius]* 7: 90 [15 Jan. 1863] (Miquel 1863).

*Chrysophyllum sparsiflorum* var. *fagifolium* Miq., *Fl. Bras. [Martius]* 7: 90 [15 Jan. 1863] (Miquel 1863).

*Chrysophyllum steyermarkii* Monach., *Fieldiana, Bot.* 28 (3): 480 (Monachino 1953).

VERNACULAR NAMES. — Br: mangabarana.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *C. Feuillet* 3936.

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.4$  cm.

[1608] *Chrysophyllum venezuelanense* (Pierre) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 607 [26 Apr. 1990] (Pennington 1990). — *Cornuella venezuelanensis* Pierre, *Notes Bot. Sapot.* 2: 68 (Pierre 1891).

*Chrysophyllum excelsum* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 55 (Huber 1900). — *Gambeya excelsa* (Huber) Aubrév., *Notul. Syst. (Paris)* 16: 248 (Aubréville 1961).

*Lucuma lucentifolia* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 251 [24 Oct. 1929] (Standley 1929). — *Pouteria lucentifolia* (Standl.) Baehni, *Candollea* 9: 424 (Baehni 1942).

*Lucuma pentasperma* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 251 [24 Oct. 1929] (Standley 1929). — *Pouteria pentasperma* (Standl.) Baehni, *Candollea* 9: 353 (Baehni 1942).

*Pouteria petenensis* Lundell, *Wrightia* 5 (1): 6 (Lundell 1972).

*Pouteria dibrachiata* Lundell, *Wrightia* 5 (4): 95 (Lundell 1975).

*Pouteria mayana* Lundell, *Wrightia* 5 (4): 100 (Lundell 1975). — *Achras mayana* (Lundell) Lundell, *Wrightia* 5 (9): 350 (Lundell 1977).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Levis *et al.* 2017).

VERNACULAR NAMES. — Wp: wila kea.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *M.-F. Prévost* 4166.

INVENTORY DATA (FG). — 1 tree,  $dbh = 12.6$  cm.

[1609] *Chrysophyllum* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino* 5332.

INVENTORY DATA (FG). — 15 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 20.7$  cm.

[1610] *Chrysophyllum* sp. B

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier* 1464.

INVENTORY DATA (FG). — 24 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 92$  cm.

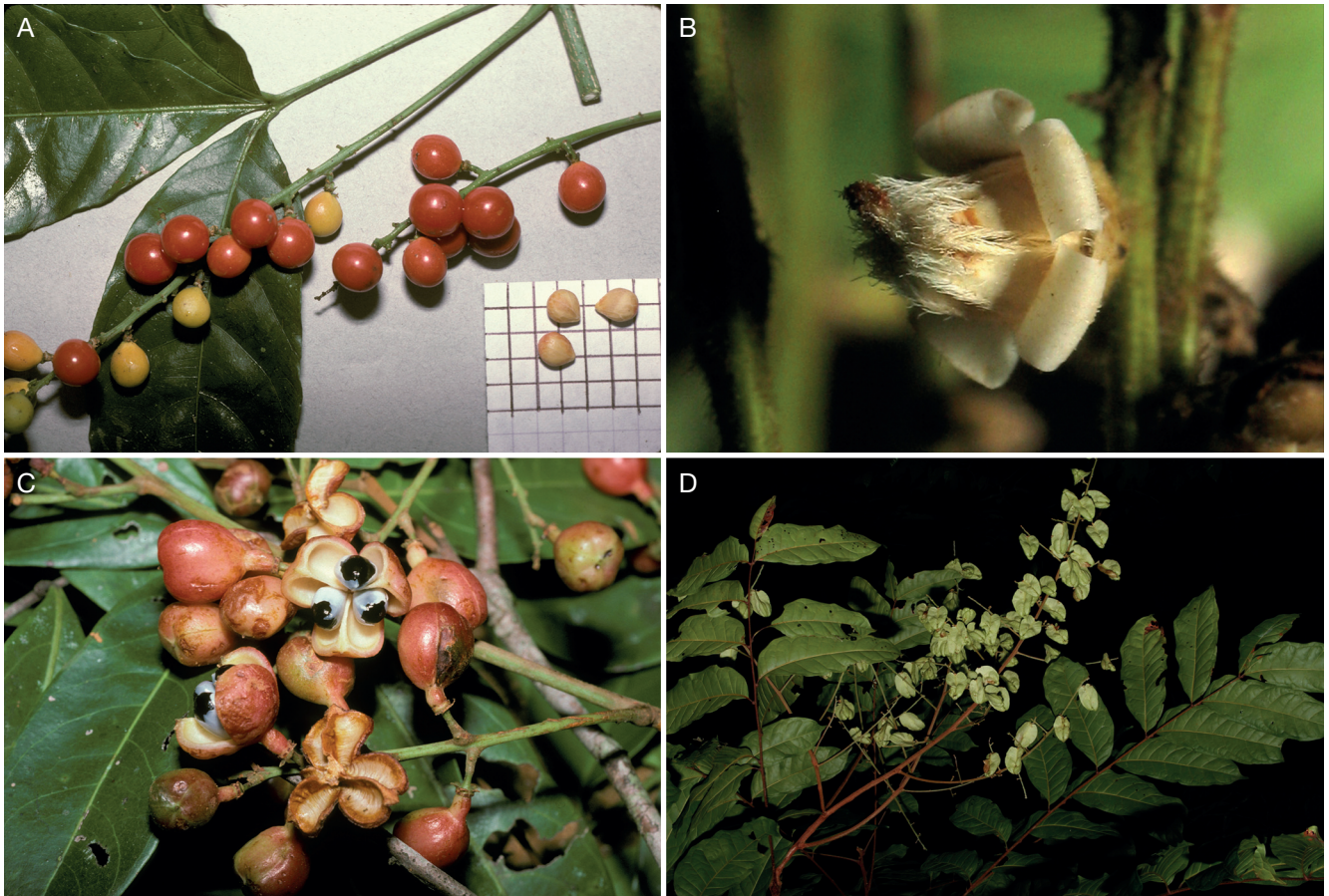


FIG. 53. — Sapindaceae: **A**, *Allophylus edulis* (A.St.-Hil., A.Juss. & Cambess.) Hieron. ex Niederl. (D. Sabatier & M.-F. Prévost 1648); **B**, *Cupania scrobiculata* Rich. (J.-F. Molino & D. Sabatier 2484); **C**, *Matayba opaca* Radlk. (D. Sabatier 2102); **D**, *Toulicia elliptica* Radlk. (D. Sabatier & J.-F. Molino 5076). A, C, D, © D. Sabatier/IRD; B, © J.-F. Molino/IRD.

[1611] *Chrysophyllum* sp. C

HERBARIUM DATA (FG). — A single collection, D. Sabatier 3535, dbh = 35 cm.

[1612] *Chrysophyllum* sp. D

HERBARIUM DATA (FG). — A single collection, D. Sabatier *et al.* 5262.

INVENTORY DATA (FG). — 24 trees in 5 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 38.5$  cm.

[1613] *Chrysophyllum* sp. E

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: D. Sabatier & J.-F. Molino 5651.

INVENTORY DATA (FG). — 5 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 79.3$  cm.

[1614] *Chrysophyllum* sp. F

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: M.-F. Prévost & D. Sabatier 2815.

INVENTORY DATA (FG). — 1 tree, dbh = 11 cm.

Genus *Diploön* Cronquist

[1615] *Diploön cuspidatum* (Hoehne) Cronquist

*Bull. Torrey Bot. Club* 73 (5): 466 [Oct. 1946] (Cronquist 1946). — *Chrysophyllum cuspidatum* Hoehne, *Ostenia*: 302 (Hoehne 1933).

*Diploön venezuelanum* Aubrév., *Mem. New York Bot. Gard.* 23: 225 (Aubréville 1972), “venezuelana”.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: J.-F. Molino *et al.* 2076.

INVENTORY DATA (FG). — 68 trees in 30 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 57.2$  cm.

Genus *Ecclinusa* Mart.

[1616] *Ecclinusa guianensis* Eyma

*Recueil Trav. Bot. Néerl.* 33: 203 (Eyma 1936). — *Chrysophyllum guianense* (Eyma) Baehni, *Boissiera* 11: 74 (Baehni 1965), “guyanense”.

*Ecclinusa bacuri* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (1): 21 [Nov. 1961] (Aubréville & Pellegrin 1961).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: balatabali, kulumoto, matamata wewe, palatabali • Wp: kalamūli, kalamūli sili, tamanuwa • Nt: busi apaa, malobi • Cr: balata-blan, bataballi • Fr: balata bali • Br: abiurana-abiu, abiurana-bacuri, abiurana-caju, caramuri.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-762*.

INVENTORY DATA (FG). — 329 trees in 87 plots;  $F_{\max} = 24.1\%$ ;  $dbh_{\text{inv}} = 71$  cm.

[1617] *Ecclinusa lanceolata* (Mart. & Eichler) Pierre

*Notes Bot. Sapot.* 2: 57 (Pierre 1891). — *Passaveria lanceolata* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 86 [15 Jan. 1863] (Martius & Eichler 1863).

VERNACULAR NAMES. — Nt: malobi.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier 3519*.

INVENTORY DATA (FG). — 8 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[1618] *Ecclinusa ramiflora* Mart.

*Flora* 22 (1, Beibl.): 2 (Martius 1839). — *Chrysophyllum ramiflorum* (Mart.) A.DC., *Prodr. [A. P. de Candolle]* 8: 158 [mid Mar. 1844] (Candolle 1844). — *Passaveria obovata* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 87 [15 Jan. 1863] (Martius & Eichler 1863), *nom. illeg. superfl.* (based on *Ecclinusa ramiflora*).

*Passaveria obovata* var. *tomentosa* Miq., *Fl. Bras. [Martius]* 7: 87 [15 Jan. 1863] (Miquel 1863).

*Lucuma tomentosa* Poepp. ex Miq., *Fl. Bras. [Martius]* 7: 87 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*

*Ecclinusa costata* Pierre, *Notes Bot. Sapot.* 2: 56 (Pierre 1891).

*Ecclinusa abbreviata* Ducke, *Bull. Mus. Natl. Hist. Nat.*, sér. 2, 4 (6): 743 (Ducke 1932). — *Chrysophyllum abbreviatum* (Ducke) Baehni, *Boissiera* 11: 75 (Baehni 1965).

VERNACULAR NAMES. — Wp: miku lap'i a u • Nt: malobi • Br: abiufofo, coquirana-brava.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier 1027*.

INVENTORY DATA (FG). — 74 trees in 54 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.8$  cm.

Genus *Elaeoluma* Baill.

[1619] *Elaeoluma nuda* (Baehni) Aubrév.

*Mem. New York Bot. Gard.* 23: 224 (Aubréville 1972). — *Pouteria nuda* Baehni, *Candollea* 14: 72 (Baehni 1952).

*Pouteria auyantepuiensis* Steyerl., *Acta Bot. Venez.* 2 (5-8): 278 (Steyermark 1967).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2889*.

INVENTORY DATA (FG). — 34 trees in 23 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 53.5$  cm.

[1620] *Elaeoluma* sp. A

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 4647*.

INVENTORY DATA (FG). — 9 trees in 6 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.6$  cm.

Genus *Manilkara* Adans.

[1621] *Manilkara bidentata* (A.DC.) A.Chev.

subsp. *bidentata*  
(Fig. 54B)

*Rev. Bot. Appl. Agric. Trop.* 12: 270 (Chevalier 1932). — *Mimusops bidentata* A.DC., *Prodr. [A. P. de Candolle]* 8: 204 [mid Mar. 1844] (Candolle 1844). — *Manilkara balata* Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 19 (Dubard 1915), *nom. illeg. superfl.* (*Mimusops bidentata* in synonymy).

*Mimusops sieberi* A.DC., *Prodr. [A. P. de Candolle]* 8: 204 [mid Mar. 1844] (Candolle 1844). — *Mimusops balata* (Aubl.) C.F.Gaertn. var. *sieberi* (A.DC.) Pierre, *Bull. Mens. Soc. Linn. Paris* 1 (64): 508 (Pierre 1885). — *Manilkara balata* var. *sieberi* (A.DC.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 20 (Dubard 1915).

*Sapota mulleri* Blume, *Ann. Sci. Nat., Bot.* sér. 4, 7: 225 (Blume 1857).

*Mimusops balata* var. *gutta* Pierre, *Bull. Mens. Soc. Linn. Paris* 1 (64): 507 (Pierre 1885). — *Manilkara balata* var. *gutta* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 21 (Dubard 1915).

*Mimusops balata* var. *melinonii* Pierre, *Bull. Mens. Soc. Linn. Paris* 1 (64): 507 (Pierre 1885), “*Melinonis*”. — *Manilkara balata* var. *melinonii* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 21 (Dubard 1915), “*Melinonis*”.

*Mimusops balata* var. *schomburgkii* Pierre, *Bull. Mens. Soc. Linn. Paris* 1 (64): 507 (Pierre 1885). — *Manilkara balata* var. *schomburgkii* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 20 (Dubard 1915).

*Mimusops balata* var. *cruegeri* Pierre, *Symb. Antill. [Urban]* 5 (1): 165 [20 May 1904] (Pierre 1904). — *Manilkara balata* var. *cruegeri* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 20 (Dubard 1915). — *Manilkara bidentata* var. *cruegeri* (Pierre) A.Chev., *Rev. Bot. Appl. Agric. Trop.* 12: 275 (Chevalier 1932).

*Mimusops balata* var. *hartii* Pierre, *Symb. Antill. [Urban]* 5 (1): 166 [20 May 1904] (Pierre 1904). — *Manilkara balata* var. *hartii* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 21 (Dubard 1915).

*Mimusops darienensis* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 249 [22 Sep. 1917] (Pittier 1917). — *Manilkara darienensis* (Pittier) Standl., *Trop. Woods* 31: 45 (Standley 1932).

*Manilkara williamsii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (3): 165 (Standley 1940).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *Mimusops balata sensu* Pierre, *non* (Aubl.) C.F.Gaertn., is a misinterpretation of *Achras balata* Aubl. The latter was described from a tree imported from the Mauritius Island (“Île de France”) and cultivated at Cayenne (Aublet 1775). The type of *A. balata* is in P-JU, and was obtained from a plant growing in the Mascarene Islands (Chevalier 1932, Pennington 1990). Although Aublet in his *Histoire des plantes* did not mention the Guianan “Balata”, he

collected specimens of this species, which are in P and P-JU (Chevalier 1932). Pierre (1885) correctly stated that these 2 specimens were conspecific with the type of *Mimusops bidentata* A.DC., but wrongly concluded that they were type material of *A. balata*. Although aware of the previous transfer of *A. balata* to *Mimusops* L. by Gaertner (1807: 133), Pierre re-proposed the same combination, as “*Mimusops balata* non Gaertner”. Notwithstanding, all varieties created by Pierre (1885) under *Mimusops balata* are legitimate under *Mimusops balata* (Aubl.) C.F.Gaertn. *Manilkara balata* is similarly confused: it is based on “*Mimusops balata* Pierre” and *Mimusops bidentata* is a synonym, which accords with the Guianan plant, even though *A. balata* was also cited in synonymy. When the latter is excluded from synonymy, then *Manilkara balata* (Aubl.) Dubard is superfluous (because *Mimusops bidentata* is in synonymy) and is therefore illegitimate. Bleekrode (1857) ascribed both the name and description of *Sapota mulleri* to Blume, hence authorship is “Blume”, not “Blume ex Bleekrode”; by the way, although the author of the “*Notice sur la gutta-percha de Surinam*”, as it appears on the first page, is “M. le Professeur Bleekrod de l'Académie de Delft”, he is actually Salomon Abraham Bleekrode (not “Bleekrod”, see [https://nl.wikipedia.org/wiki/Salomon\\_Abraham\\_Bleekrode](https://nl.wikipedia.org/wiki/Salomon_Abraham_Bleekrode)). The epithet “*melinonis*”, which honours the French botanist E. Mélinon, is to be automatically corrected to “*melinonii*” (Turland *et al.* 2018: Art. 60.8); hence *Manilkara balata* var. *melinonii*. and *Mimusops balata* var. *melinonii*.

VERNACULAR NAMES. — Pa: balata • Ka: palata, polata • Te: balata'i • Wp: iwii, iwilá, masaláni • Wn: palakta, palaktaimë • Nt: boyti • Cr: balata-fran, balata-gonm • Fr: balata franc • Br: balateira, maçarandúba, maparajúba.

HERBARIUM DATA (FG). — 53 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (holo-, P[P00645496]; iso-, P[P00645494, P00645495]).

INVENTORY DATA (FG). — 649 trees in 139 plots;  $F_{\max} = 7.4\%$ ;  $dbh_{\text{inv}} = 111.4$  cm.

[1622] *Manilkara bidentata*  
subsp. *surinamensis* (Miq.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 61 [26 Apr. 1990] (Pennington 1990). — *Mimusops surinamensis* Miq., *Fl. Bras. [Martius]* 7: 43 [15 Jan. 1863] (Miquel 1863). — *Kaukenia surinamensis* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 406 [5 Nov. 1891] (Kuntze 1891). — *Manilkara surinamensis* (Miq.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 22 (Dubard 1915).

*Mimusops balata* var. *domingensis* Pierre, *Bull. Mens. Soc. Linn. Paris* 1 (64): 508 (Pierre 1885). — *Manilkara balata* var. *domingensis* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 21 (Dubard 1915). — *Mimusops domingensis* (Pierre) Moscoso, *Cat. Fl. Domingensis* 1: 484 (Moscoso 1943).

*Mimusops riedeliana* Pierre ex Baill., *Bull. Mens. Soc. Linn. Paris* 2 (116): 922 (Baillon 1891).

*Achras nitida* Sessé & Moc., *Fl. Mexic.*, ed. 2: 85 (Sessé & Mociño 1894). — *Mimusops nitida* (Sessé & Moc.) Urb., *Symb. Antill. [Urban]* 5 (1): 167 [20 May 1904] (Urban 1904). — *Manilkara nitida* (Sessé & Moc.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 18 (Dubard 1915).

*Mimusops riedleana* Pierre ex Duss, *Ann. Inst. Colon. Marseille* 3: 387 [“1896” publ. 1897] (Duss 1897). — *Manilkara riedleana* (Pierre ex Duss) Dubard, *Ann. Mus. Colon. Marseille*, sér. 3, 3: 17 (Dubard 1915).

*Mimusops amazonica* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 4: 433 (Huber 1906). — *Manilkara amazonica* (Huber) Standl., *Trop. Woods* 34: 41 (Standley 1933).

*Mimusops maparajuba* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 4: 434 (Huber 1906).

*Manilkara longiciliata* Ducke, *Trop. Woods* 71: 22 (Ducke 1942).

*Mimusops longiciliata* Ducke, *Trop. Woods* 71: 22 (Ducke 1942).

*Manilkara siqueiraei* Ducke, *Trop. Woods* 71: 24 (Ducke 1942).

*Mimusops siqueiraei* Ducke, *Trop. Woods* 71: 24 (Ducke 1942).

NOTES. — Ducke (1942: 22) simultaneously published *Manilkara longiciliata* and *Mimusops longiciliata* as alternative names, but both are nevertheless valid, because they were published before 1953 (Turland *et al.* 2018: Art. 36.3). The same applies to *Manilkara siqueiraei* and *Mimusops siqueiraei* (Ducke 1942: 24).

VERNACULAR NAMES. — Wp: iwilá, iwilá pilá.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *P. Grenand* 1488.

SIZE. — Up to 10 cm dbh (Pennington 1990).

[1623] *Manilkara huberi* (Ducke) A.Chev.

*Rev. Bot. Appl. Agric. Trop.* 12: 276 (Chevalier 1932). — *Mimusops huberi* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 2: 14 (Ducke 1917).

NOTE. — Incipiently domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: balata-duwë • Nt: boyti, kayman buba boyti • Cr: balata • Fr: balata franc • Br: maçarandúba-da-terra-firme, maparajúba.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *B. Riéra & D. Sabatier* 1904.

INVENTORY DATA (FG). — 76 trees in 34 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 123.3$  cm.

[1624] *Manilkara paraensis* (Huber) Standl.

*Trop. Woods* 34: 41 (Standley 1933). — *Mimusops paraensis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 4: 435 (Huber 1906).

*Mimusops paraensis* var. *densiflora* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 4: 435 (Huber 1906).

*Mimusops paraensis* var. *discolor* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 4: 435 (Huber 1906).

VERNACULAR NAMES. — Pa: balata-puvmna • Wp: masaláni • Br: maçarandúba-de-folha miuda, maçarandúba-jacaré.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost* 3422.

INVENTORY DATA (FG). — 1 tree, dbh = 48.7 cm.

Genus *Micropholis* (Griseb.) Pierre[1625] *Micropholis acutangula* (Ducke) Eyma  
(Fig. 54C)

*Recueil Trav. Bot. Néerl.* 33: 198 (Eyma 1936). — *Sideroxylon acutangulum* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 159 (Ducke 1925). — *Pouteria acutangula* (Ducke) Baehni, *Candollea* 9: 246 (Baehni 1942). — *Paramicropholis acutangula* (Ducke) Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 171 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962). — *Paralabatia acutangula* (Ducke) Baehni, *Boissiera* 11: 141 (Baehni 1965).

*Micropholis paraensis* Eyma, *Recueil Trav. Bot. Néerl.* 33: 198 (Eyma 1936), *nom. nud.* — *Sideroxylon paraense* Huber ex Eyma, *Recueil Trav. Bot. Néerl.* 33: 198 (Eyma 1936), *nom. nud. pro syn.*

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier* & *S. Gonzalez* 5371.

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 46.7$  cm.

[1626] *Micropholis cayennensis* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 220 [26 Apr. 1990] (Pennington 1990).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: uu-kamwi, uu-kamwi-purubumna, yauknabwi-wahuye • Nt: bakuuman, nyanboka • Cr: zoliv.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *B. Maguire et al.* 47074 (holo-, NY[01199690]; iso-, G[G00439289], GH[GH00589970], K[K000641500], R[R000112723], S[S05-10441], SP[SP001602], US[00323728]).

INVENTORY DATA (FG). — 100 trees in 36 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 89.1$  cm.

[1627] *Micropholis egensis* (A.DC.) Pierre

*Symb. Antill. [Urban]* 5 (1): 127 [20 May 1904] (Pierre 1904). — *Sideroxylon egense* A.DC., *Prodr. [A. P. de Candolle]* 8: 182 [mid Mar. 1844] (Candolle 1844). — *Bumelia egensis* Poepp. ex A.DC., *Prodr. [A. P. de Candolle]* 8: 182 [mid Mar. 1844] (Candolle 1844), *nom. nud. pro syn.* — *Sideroxylon rugosum* (Sw.) Roem. & Schult. var. *egense* (A.DC.) Miq., *Fl. Bras. [Martius]* 7: 51 [15 Jan. 1863] (Miquel 1863), “*Sideroxylum*”. — *Pouteria egensis* (A.DC.) Baehni, *Candollea* 9: 207 (Baehni 1942).

*Micropholis martiana* Pierre, *Symb. Antill. [Urban]* 5 (1): 126 [20 May 1904] (Pierre 1904).

*Sideroxylon ulei* K.Krause, *Verh. Bot. Vereins Prov. Brandenburg* 50: 95 [10 June 1908] (Krause 1908). — *Micropholis ulei* (K.Krause) Eyma, *Recueil Trav. Bot. Néerl.* 33: 198 (Eyma 1936). — *Pouteria ulei* (K.Krause) Baehni, *Candollea* 9: 217 (Baehni 1942).

*Sideroxylon quinilla* Standl. ex L.I. Williams, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 414 (Williams 1936), *nom. inval. (anglice)*.

*Pouteria setosa* Baehni, *Candollea* 18: 168 (Baehni 1962).

*Micropholis wurdackii* Aubrév., *Mem. New York Bot. Gard.* 23: 212 (Aubréville 1972).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: paivan • Wp: waa • Wn: tamaniwa • Nt: mamanten • Cr: zoliv • Br: mangabarana.

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *D. Sabatier* 1267.

INVENTORY DATA (FG). — 162 trees in 84 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 85$  cm.

[1628] *Micropholis guyanensis* (A.DC.) Pierre  
subsp. *guyanensis*

*Notes Bot. Sapot.* 2: 40 (Pierre 1891), “*Guyanensis*”.

*Sideroxylon guyanense* A.DC., *Prodr. [A. P. de Candolle]* 8: 182 [mid Mar. 1844] (Candolle 1844), “*Guyanense*”.

*Sideroxylon rufum* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 52 [15 Jan. 1863] (Martius & Eichler 1863). — *Micropholis rufa* (Mart. & Eichler) Pierre, *Symb. Antill. [Urban]* 5 (1): 130 [20 May 1904] (Pierre 1904). — *Pouteria rufa* (Mart. & Eichler) Baehni, *Candollea* 9: 199 (Baehni 1942).

*Sideroxylon cyrtobotryum* Mart. ex Miq., *Fl. Bras. [Martius]* 7: 57 [15 Jan. 1863] (Miquel 1863). — *Sprucella cyrtobotrya* (Mart. ex Miq.) Pierre, *Notes Bot. Sapot.* 1: 27 (Pierre 1890). — *Micropholis cyrtobotrya* (Mart. ex Miq.) Baill., *Hist. Pl. [Baillon]* 11: 282 [Sep.-Oct. 1891] (Baillon 1891), *nom. inval.* (genus name and epithet not associated). — *Pouteria cyrtobotrya* (Mart. ex Miq.) Baehni, *Candollea* 9: 199 (Baehni 1942).

*Chrysophyllum melinonii* Engl., *Bot. Jahrb. Syst.* 12: 521 [23 Dec. 1890] (Engler 1890), “*Melinoni*”. — *Pouteria melinonii* (Engl.) Baehni, *Candollea* 9: 200 (Baehni 1942). — *Planchonella melinonii* (Engl.) Baehni, *Boissiera* 11: 67 (Baehni 1965).

*Micropholis chrysophylloides* Pierre, *Notes Bot. Sapot.* 2: 38 (Pierre 1891). — *Pouteria chrysophylloides* (Pierre) Stehlé, *Caribbean Forest.* 4 (3): 118 (Stehlé 1943).

*Micropholis cruegeriana* Pierre, *Notes Bot. Sapot.* 2: 38 (Pierre 1891). — *Pouteria cruegeriana* (Pierre) Baehni, *Candollea* 9: 206 (Baehni 1942).

*Micropholis portoricensis* Pierre, *Notes Bot. Sapot.* 2: 38 (Pierre 1891).

*Micropholis imrayana* Pierre, *Notes Bot. Sapot.* 2: 39 (Pierre 1891).

*Micropholis portoricensis* var. *curvata* Pierre, *Notes Bot. Sapot.* 2: 39 (Pierre 1891). — *Micropholis curvata* (Pierre) Urb., *Symb. Antill. [Urban]* 5 (1): 124 [20 May 1904] (Urban 1904), in obs.

*Micropholis portoricensis* var. *mesuifolia* Pierre, *Notes Bot. Sapot.* 2: 39 (Pierre 1891).

*Micropholis achradoformis* Pierre, *Symb. Antill. [Urban]* 5 (1): 118 [20 May 1904] (Pierre 1904). — *Pouteria achradoformis* (Pierre) Baehni, *Candollea* 9: 207 (Baehni 1942), “*achradiformis*”.

*Micropholis eggersiana* Pierre, *Symb. Antill. [Urban]* 5 (1): 118 [20 May 1904] (Pierre 1904).

*Micropholis truncata* Pierre, *Symb. Antill. [Urban]* 5 (1): 119 [20 May 1904] (Pierre 1904). — *Pouteria truncata* (Pierre) Baehni, *Candollea* 9: 216 (Baehni 1942).

*Micropholis chrysophylloides* var. *truncata* Pierre, *Symb. Antill. [Urban]* 5 (1): 119 [20 May 1904] (Pierre 1904), *nom. nud. pro syn.*

*Micropholis balata* Pierre, *Symb. Antill. [Urban]* 5 (1): 120 [20 May 1904] (Pierre 1904). — *Pouteria balata* (Pierre) Baehni, *Candollea* 9: 351 (Baehni 1942).

*Micropholis discolor* Pierre, *Symb. Antill. [Urban]* 5 (1): 121 [20 May 1904] (Pierre 1904). — *Chrysophyllum discolor* Walp. & Duchass. ex Pierre, *Symb. Antill. [Urban]* 5 (1): 121 [20 May 1904] (Pierre 1904), *nom. nud. pro syn.* — *Pouteria discolor* (Pierre) Stehlé, *Caribbean Forest.* 4 (3): 118 (Stehlé 1943), *nom. illeg. hom., non* (Baill.) Baehni (1942).

*Micropholis dominicensis* Pierre, *Symb. Antill. [Urban]* 5 (1): 122 [20 May 1904] (Pierre 1904). — *Pouteria dominicensis* (Pierre) Stehlé, *Fl. Guadeloupe [Stehlé]* 4: 121 (Stehlé 1943).

*Micropholis grandifolia* Pierre ex Glaz., *Bull. Soc. Bot. France* 57 (Mém. 3e): 441 (Glaziou 1910), *nom. nud.*

*Sideroxylon williamsii* Baehni, *Candollea* 7: 135 (Baehni 1936). — *Mastichodendron williamsii* (Baehni) Baehni ex Bernardi, *Candollea* 22 (2): 231 (Bernardi 1967).

*Pouteria aereana* Baehni, *Candollea* 9: 205 (Baehni 1942).

*Pouteria silvicola* Baehni, *Candollea* 18: 161 (Baehni 1962).

*Pouteria bopiensis* Baehni, *Candollea* 18: 164 (Baehni 1962).

*Pouteria piresii* Baehni, *Candollea* 18: 168 (Baehni 1962).

*Micropholis cowanii* Aubrév., *Mem. New York Bot. Gard.* 23: 211 (Aubréville 1972).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *Micropholis curvata* is a valid recombination, by Urban alone (not “Pierre & Urban” as in Pennington, 1990), of *M. portoricensis* var. *curvata* Pierre.

VERNACULAR NAMES. — Pa: aku-aiwut, uu-kamwi, waaduk-seine, yauknabui • Ka: asepoko, asepuke, kusili palatali, wesepuku, woko wokulu • Wp: wamisalu, watuliya • Wn: kanawa popalin, palakta jalan • Nt: bakuuman, gaan wiwii bakuuman, tapooka mapa • Cr: balata-blan, balata-endjen • Fr: balata blanc à grandes feuilles • Br: balata-rosada, chicle-bravo, maparajúba.

HERBARIUM DATA (FG). — 69 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, P[P00649234]).

INVENTORY DATA (FG). — 382 trees in 129 plots;  $F_{\max} = 2.3\%$ ;  $dbh_{\text{inv}} = 96$  cm.

[1629] *Micropholis guyanensis* subsp. *duckeana* (Baehni) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 180 [26 Apr. 1990] (Pennington 1990). — *Pouteria dückeana* Baehni, *Candollea* 18: 161 (Baehni 1962).

*Micropholis rosadinha-brava* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 178 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

VERNACULAR NAMES. — Pa: yauknabui • Br: abiu-balatarana, balata-rosadinha.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier* 2973.

INVENTORY DATA (FG). — 73 trees in 29 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 53$  cm.

[1630] *Micropholis longipedicellata* Aubrév.

*Mem. New York Bot. Gard.* 23: 209 (Aubréville 1972).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: impitit-ahavukune, mpitit-ahavukune.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *D. Sabatier* 2241.

INVENTORY DATA (FG). — 55 trees in 26 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 37.6$  cm.

[1631] *Micropholis melinoniana* Pierre

*Notes Bot. Sapot.* 2: 40 (Pierre 1891). — *Pouteria melinoniana* (Pierre) Baehni, *Candollea* 9: 212 (Baehni 1942).

*Sideroxylon rugosum* var. *parviflorum* Miq., *Fl. Bras. [Martius]* 7: 51 [15 Jan. 1863] (Miquel 1863).

*Stephanoluma rugosa* Baill., *Hist. Pl. [Baillon]* 11: 283 [Sep.-Oct. 1891] (Baillon 1891).

*Sideroxylon calophylloides* Lundell, *Contr. Univ. Michigan Herb.* 6: 56 (Lundell 1941), *nom. illeg. hom., non* (Pierre) Engl. (Engler 1897).

*Micropholis mexicana* Gilly ex Cronquist, *Lloydia* 9 (4): 257 [“1945” publ. 20 Dec. 1946] (Cronquist 1946).

*Micropholis guatemalensis* Lundell, *Wrightia* 5 (4): 92 (Lundell 1975).

NOTE. — Baillon based his *Stephanoluma rugosa* on “*Sideroxylon rugosum* A.DC. [...] (non Roem. et Sch.)”. Actually, “*Sideroxylon rugosum* A.DC.” is not a name; it is a misinterpretation of *Sideroxylon rugosum* (Sw.) Roem. & Schult. by Candolle. Therefore, *Stephanoluma rugosa* is a new name, and its authorship is Baill., not “(A.DC.) Baill.”

VERNACULAR NAMES. — Pa: muhut-wašiuñó • Wp: waa • Wn: kanawa popalin, wopoli • Nt: mamanten • Cr: balata-blan, zoliv-maypouri • Br: bacuri-de-anta, balata-rosada, caramuri-da-várzea, corrupixá.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00649246]).

INVENTORY DATA (FG). — 142 trees in 59 plots;  $F_{\max} = 2.9\%$ ;  $dbh_{\text{inv}} = 155$  cm.

[1632] *Micropholis mensalis* (Baehni) Aubrév.

*Adansonia*, n.s., 3 (1): 21 [Jan.-Mar. 1963] (Aubréville 1963). — *Pouteria mensalis* Baehni, *Candollea* 14: 64 (Baehni 1952).

VERNACULAR NAMES. — Br: abiuarana-goiaibinha, abiuarana-roxa.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier et al.* 6122.

INVENTORY DATA (FG). — 24 trees in 11 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 16.9$  cm.

[1633] *Micropholis obscura* T.D.Penn.  
(Fig. 54D)

*Fl. Neotrop. Monogr.* 52: 227 [26 Apr. 1990] (Pennington 1990).

VERNACULAR NAMES. — Nt: akwansiba • Cr: balata-blan, balata-endjen, zoliv • Fr: balata blanc • Br: balata-rosada.

HERBARIUM DATA (FG). — 37 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 14784* (holo-, K, not seen; iso-, MA[MA400083, MA400083-2], NY[00901963], U[U0006611]).

INVENTORY DATA (FG). — 152 trees in 62 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 95$  cm.

[1634] *Micropholis porphyrocarpa* (Baehni) Monach.

*Brittonia* 7: 409 [Oct. 1952] (Monachino 1952). — *Pouteria porphyrocarpa* Baehni, *Candollea* 9: 214 (Baehni 1942).

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1853*.

INVENTORY DATA (FG). — 24 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63.8$  cm.

[1635] *Micropholis sanctae-rosae* (Baehni) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 215 [26 Apr. 1990] (Pennington 1990). — *Pouteria sanctae-rosae* Baehni, *Candollea* 9: 211 (Baehni 1942).

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier et al. 4794*.

INVENTORY DATA (FG). — 30 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 21.6$  cm.

[1636] *Micropholis trunciflora* Ducke

*Bol. Técn. Inst. Agron. N.* 19: 19 (Ducke 1950).

*Pouteria klugii* Baehni, *Candollea* 14: 76 (Baehni 1952).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3298*.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 44.2$  cm.

[1637] *Micropholis venulosa* (Mart. & Eichler) Pierre

*Notes Bot. Sapot.* 2: 40 (Pierre 1891). — *Sideroxylon venulosum* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 52 [15 Jan. 1863] (Martius & Eichler 1863). — *Lucuma venulosa* Spruce ex Mart. & Eichler, *Fl. Bras. [Martius]* 7: 52 [15 Jan. 1863] (Martius & Eichler 1863), *nom. nud. pro syn.* — *Pouteria venulosa* (Mart. & Eichler) Baehni, *Candollea* 9: 195 (Baehni 1942). — *Xantolis venulosa* (Mart. & Eichler) Baehni, *Boissiera* 11: 24 (Baehni 1965).

*Micropholis calophylloides* Pierre, *Notes Bot. Sapot.* 2: 40 (Pierre 1891). — *Platyluma calophylloides* (Pierre) Baill., *Hist. Pl. [Baillon]* 11: 282 [Sep.-Oct. 1891] (Baillon 1891). — *Sideroxylon calophylloides* (Pierre) Engl., *Nat. Pflanzenfam. [Engler & Prantl] Nachtr.* 1: 276 (Engler 1897).

*Meioluma guianensis* Baill., *Hist. Pl. [Baillon]* 11: 282 [Sep.-Oct. 1891] (Baillon 1891). — *Sideroxylon guianense* (Baill.) Engl., *Nat. Pflanzenfam. [Engler & Prantl] Nachtr.* 1: 276 (Engler 1897), *nom. illeg. hom., non A.D.C.* (Candolle 1844).

*Micropholis mucronata* Pierre, *Symb. Antill. [Urban]* 5 (1): 112 [20 May 1904] (Pierre 1904).

*Micropholis rigida* Pierre, *Symb. Antill. [Urban]* 5 (1): 125 [20 May 1904] (Pierre 1904).

*Pouteria polyneura* Baehni, *Candollea* 7: 133 (Baehni 1936).

*Pouteria rivularis* Baehni, *Candollea* 9: 208 (Baehni 1942).

*Pouteria flava* Baehni, *Candollea* 18: 164 (Baehni 1962).

*Pouteria cataractae* Baehni, *Candollea* 18: 168 (Baehni 1962).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: inam-etni-seinó, muhut-wašiuñó • Ka: tabuku, woko popi • Te: kutsili palatanan • Wp: wai tawa • Nt: bakuuman • Cr: zoliv • Br: abiurana-branca, mulungu-rosa-verde.

HERBARIUM DATA (FG). — 63 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material of *Meioluma guianensis*: P[P00649260]).

INVENTORY DATA (FG). — 127 trees in 74 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 61.6$  cm.

[1638] *Micropholis* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier 2339*.

INVENTORY DATA (FG). — 7 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 26.8$  cm.

Genus *Pouteria* Aubl.

[1639] *Pouteria ambelaniifolia* (Sandwith) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 362 [26 Apr. 1990] (Pennington 1990). — *Chrysophyllum ambelaniifolium* Sandwith, *Bull. Misc. Inform. Kew* 1931 (10): 476 [31 Dec. 1931] (Sandwith 1931). — *Oxythece ambelaniifolia* (Sandwith) Cronquist, *Bull. Torrey Bot. Club* 73 (3): 310 [June 1946] (Cronquist 1946). — *Pseudoxythece ambelaniifolia* (Sandwith) Aubrév., *Mem. New York Bot. Gard.* 23: 219 (Aubréville 1972).

VERNACULAR NAMES. — Pa: waaduk-seine.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2973*.

INVENTORY DATA (FG). — 138 trees in 73 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 57.9$  cm.

[1640] *Pouteria anomala* (Pires) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 344 [26 Apr. 1990] (Pennington 1990). — *Chrysophyllum anomalum* Pires, *Bol. Técn. Inst. Agron. N.* 38: 34 (Pires 1960).

VERNACULAR NAMES. — Br: abiurana-roxa.



HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Loubry* 621.

SIZE. — Up to 70 cm dbh (Pennington 1990).

[1641] *Pouteria aubrevillei* Bernardi

*Candollea* 22 (2): 231 (Bernardi 1967).

*Eremoluma krukoffii* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 169 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962), “*Krukoffii*”.

*Eremoluma wurdackii* Aubrév., *Adansonia*, n.s., 5 (2): 197 [July 1965] (Aubréville 1965).

VERNACULAR NAMES. — Pa: uu-kamwi • Wp: ei li • Cr: bwa-kay • Br: abiuwana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5130.

INVENTORY DATA (FG). — 30 trees in 17 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.6$  cm.

[1642] *Pouteria bangii* (Rusby) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 288 [26 Apr. 1990] (Pennington 1990). — *Sideroxylon bangii* Rusby, *Bull. New York Bot. Gard.* 4 (14): 407 [7 Dec. 1907] (Rusby 1907).

*Pseudocladia melinonii* Baill., *Hist. Pl. [Baillon]* 11: 291 [Sep.-Oct. 1891] (Baillon 1891), “*Melinoni*”, *nom. nud.* — *Lucuma melinonii* Engl., *Nat. Pflanzenfam. [Engler & Prantl] Nachtr.* 1: 275 (Engler 1897), “*Melinoni*”, *nom. illeg.*, based on the illegitimate *Pseudocladia melinoni*.

*Podoluma glaziovii* Baill. ex Glaz., *Bull. Soc. Bot. France* 57 (Mém. 3e): 442 (Glaziou 1910).

*Pouteria scytalophora* Eyma, *Recueil Trav. Bot. Néerl.* 33: 181 (Eyma 1936). — *Pseudocladia scytalophora* (Eyma) Aubrév., *Adansonia*, n.s., 1 (2): 165 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Pouteria micans* Baehni, *Candollea* 9: 236 (Baehni 1942).

*Pseudocladia colombiana* Aubrév., *Adansonia*, n.s., 7 (2): 148 [Jul.-Sep. 1967] (Aubréville 1967).

VERNACULAR NAMES. — Ka: lemu epi • Wp: wila tawa • Cr: balata-pwé • Br: abiu-rosadinha, maparajúba-branca.

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier* 4462.

INVENTORY DATA (FG). — 86 trees in 49 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.3$  cm.

[1643] *Pouteria benai* (Aubrév. & Pellegr.) T.D.Penn. (Fig. 55A)

*Fl. Neotrop. Monogr.* 52: 274 [26 Apr. 1990] (Pennington 1990). — *Podoluma benai* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 182 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962), “*Benai*”.

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *Service Forestier M-207* (holo-, P[P00640533]; iso-, P[P00640534], U[U0006626]).

INVENTORY DATA (FG). — 60 trees in 30 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 49.7$  cm.

[1644] *Pouteria bilocularis* (H.J.P.Winkl.) Baehni

*Candollea* 9: 229 (Baehni 1942). — *Labatia bilocularis* H.J.P.Winkl., *Repert. Spec. Nov. Regni Veg.* 7: 112 (Winkler 1909).

*Pseudocladia neblinaensis* Aubrév., *Mem. New York Bot. Gard.* 23: 204 (Aubréville 1972).

VERNACULAR NAMES. — Pa: impitit-wašiuñó, mpitit-wašiuñó • Br: abiuwana.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *D. Sabatier* 3524.

INVENTORY DATA (FG). — 91 trees in 61 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43.6$  cm.

[1645] *Pouteria brachyandra* (Aubrév. & Pellegr.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 404 [26 Apr. 1990] (Pennington 1990). — *Radlkofereella brachyandra* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 186 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

VERNACULAR NAMES. — Wp: pakuku, yá laānga.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5005.

INVENTORY DATA (FG). — 16 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35.3$  cm.

[1646] *Pouteria caimito* (Ruiz & Pav.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 312 (Radlkofer 1882). — *Achras caimito* Ruiz & Pav., *Flora Peruviana* 3: 18 (Ruiz & Pavón 1802). — *Lucuma caimito* (Ruiz & Pav.) Roem. & Schult., *Syst. Veg. [Roemer & Schultes]* 4: 701 [Mar.-June 1819] (Roemer & Schultes 1819). — *Caleatia caimito* (Ruiz & Pav.) Mart. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 2: 76, (Steudel 1841) *nom. nud. pro syn.* — *Labatia caimito* (Ruiz & Pav.) Mart., *Flora* 21 (2, Beibl.): 90 (Martius 1838). — *Guapeba caimito* (Ruiz & Pav.) Pierre, *Notes Bot. Sapot.* 2: 42 (Pierre 1891).

*Guapeba laurifolia* Gomes, *Mem. Math. Phis. Acad. Real Sci. Lisboa* 3 (Mem. Corresp. 1): 21 (Gomes 1812). — *Lucuma laurifolia* (Gomes) A.D.C., *Prodr. [A. P. de Candolle]* 8: 166 [mid Mar. 1844] (Candolle 1844). — *Pouteria laurifolia* (Gomes) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 333 (Radlkofer 1882). — *Pouteria caimito* var. *laurifolia* (Gomes) Baehni, *Candollea* 9: 260 (Baehni 1942).

*Lucuma temare* Kunth, *Nova genera et species plantarum [H.B.K.]* 3: 241 [9 July 1819] (Kunth 1819). — *Richardella temare* (Kunth) Pierre, *Notes Bot. Sapot.* 1: 20 (Pierre 1890). — *Pouteria temare* (Kunth) Aubrév., *Adansonia*, n.s., 1 (2): 157 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Labatia reticulata* Mart., *Flora* 21 (2, Beibl.): 90 (Martius 1838). — *Lucuma laurifolia* var. *reticulata* (Mart.) A.D.C., *Prodr. [A. P. de*

*Candolle*] 8: 166 [mid Mar. 1844] (Candolle 1844). — *Guapeba brasiliensis* Steud., *Nomencl. Bot.* [Steudel], ed. 2, 1: 708 (Steudel 1840), *nom. illeg. superfl.* (based on *Labatia reticulata*).

*Labatia lasiocarpa* Mart., *Flora* 21 (2, Beibl.): 91 (Martius 1838). — *Lucuma lasiocarpa* (Mart.) A.D.C., *Prodr.* [A. P. de Candolle] 8: 166 [mid Mar. 1844] (Candolle 1844). — *Pouteria lasiocarpa* (Mart.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 333 (Radlkofer 1882). — *Guapeba lasiocarpa* (Mart.) Pierre, *Notes Bot. Sapot.* 2: 42 (Pierre 1891).

*Achras guapeba* Casar., *Nov. Stirp. Bras.* 7: 61 [Sep (“Jul”) 1843] (Casaretto 1843).

*Pouteria leucophaea* Baehni, *Candollea* 18: 176 (Baehni 1962).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Ka: atakamala, kusili palatali • Wp: wila kea • Wn: alimihmo • Cr: zoliv • Br: abiu, abiurana-acariquara.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2564*.

INVENTORY DATA (FG). — 19 trees in 7 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 32.8$  cm.

[1647] *Pouteria cayennensis* (A.D.C.) Eyma

*Recueil Trav. Bot. Néerl.* 33: 174 (Eyma 1936). — *Chrysophyllum cayennense* A.D.C., *Prodr.* [A. P. de Candolle] 8: 160 [mid Mar. 1844] (Candolle 1844), “*Cayennense*”. — *Richardella cayennensis* (A.D.C.) Aubrév., *Adansonia*, sér. 2, 11 (2): 300 [July 1971] (Aubréville 1971).

*Chrysophyllum sessiliflorum* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 16 [23 Oct. 1811] (Poiret 1811).

*Lucuma pulverulenta* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 70 [15 Jan. 1863] (Martius & Eichler 1863). — *Vitellaria pulverulenta* (Mart. & Eichler) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 326 (Radlkofer 1882).

NOTE. — Pennington (1990: 366) states that the holotype is at P and that there is an isotype at G-DC. However, there is at G-DC a specimen (G00139668) bearing a label in the hand of Alphonse de Candolle, which reads “*Chrysophyllum Cayennense* A. DC.”, as well as another which reads “Sapotaceae. Cayenne ou Guyane française. Museum de Paris 1821”. There is no reason not to admit that it is the very specimen to which Candolle refers in the protologue of *Chrysophyllum cayennense*, in the form “*v. s. comm. a Mus. par.*” (i.e., “an exsiccatum that I saw, given by the Paris Museum”). In other words, the specimen at G-DC (G00139668) must be the holotype.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, G-DC[G00139668]; iso-, P[P00640548, P00640549, P00640550], US[00037030]).

INVENTORY DATA (FG). — 85 trees in 26 plots;  $F_{\max} = 3.8\%$ ;  $dbh_{\text{inv}} = 87$  cm.

[1648] *Pouteria cladantha* Sandwith

*Bull. Misc. Inform. Kew* 1931 (10): 480 [31 Dec. 1931] (Sandwith 1931). — *Neoxythece cladantha* (Sandwith) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville

1962). — *Richardella cladantha* (Sandwith) Baehni, *Boissiera* 11: 97 (Baehni 1965).

*Pouteria lorentensis* Baehni, *Candollea* 9: 235 (Baehni 1942).

VERNACULAR NAMES. — Ka: kusali yepo • Wp: wai piyü • Cr: zoliv • Br: abiurana-seca, caramuri-preto.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 8099*.

INVENTORY DATA (FG). — 36 trees in 11 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 125$  cm.

[1649] *Pouteria coriacea* (Pierre) Pierre

*Symb. Antill. [Urban]* 5 (1): 109 [20 May 1904] (Pierre 1904). — *Guapeba coriacea* Pierre, *Notes Bot. Sapot.* 2: 42 (Pierre 1891).

*Chrysophyllum minutiflorum* Britton, *Bull. Torrey Bot. Club* 48 (12): 337 [“1921” publ. 1922] (Britton 1922). — *Pouteria minutiflora* (Britton) Sandwith, *Bull. Misc. Inform. Kew* 1931 (10): 478 [31 Dec. 1931] (Sandwith 1931). — *Pseudocladia minutiflora* (Britton) Aubrév., *Adansonia*, n.s., 1 (2): 165 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

VERNACULAR NAMES. — Pa: uu-kamwi-duwë • Wn: tēpuklem.

HERBARIUM DATA (FG). — 61 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3886*.

INVENTORY DATA (FG). — 70 trees in 28 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 55.3$  cm.

[1650] *Pouteria cuspidata* (A.D.C.) Baehni  
subsp. *dura* (Eyma) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 352 [26 Apr. 1990] (Pennington 1990). — *Pouteria dura* Eyma, *Recueil Trav. Bot. Néerl.* 33: 187 (Eyma 1936). — *Neoxythece dura* (Eyma) Aubrév. & Pellegr., *Adansonia*, n.s., 1 (1): 17 [Nov. 1961] (Aubréville & Pellegrin 1961).

*Sideroxylon cuspidatum* A.D.C. var. *crassifolium* Miq., *Fl. Bras. [Martius]* 7: 56 [15 Jan. 1863] (Miquel 1863).

*Sideroxylon durum* Klotzsch ex Miq., *Fl. Bras. [Martius]* 7: 56 [15 Jan. 1863] (Miquel 1863), *nom. nud. pro syn.*

*Neoxythece schulzii* Aubrév., *Adansonia*, n.s., 4 (2): 231 [July 1964] (Aubréville 1964).

*Neoxythece wurdackii* Aubrév., *Adansonia*, n.s., 5 (2): 201 [July 1965] (Aubréville 1965). — *Chrysophyllum wurdackii* (Aubrév.) Bernardi, *Candollea* 22 (2): 231 (Bernardi 1967).

NOTE. — *P. cuspidata* is hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Nt: nyanboka • Br: abiurana-arana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *D. Sabatier 1430*.

INVENTORY DATA (FG). — 22 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43$  cm.



FIG. 54. — Sapotaceae: **A**, *Chrysophyllum prieurii* A.DC. (D. Sabatier *et al.* 4620); **B**, *Manilkara bidentata* (A.DC.) A.Chev. subsp. *bidentata* (D. Sabatier 3553); **C**, *Micropholis acutangula* (D. Sabatier & S. Gonzalez 5371); **D**, *Micropholis obscura* T.D.Penn. (D. Sabatier 1221). A-C, © D. Sabatier/IRD; D, © M.-F. Prévost/IRD.

[1651] *Pouteria cuspidata* subsp. *robusta*  
(Mart. & Eichler) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 351 [26 Apr. 1990] (Pennington 1990). — *Sideroxylon robustum* Mart. & Eichler, *Fl. Bras. [Martius]* 7: 56 [15 Jan. 1863] (Martius & Eichler 1863). — *Oxythece robusta* (Mart. & Eichler) Pierre, *Symb. Antill. [Urban]* 5 (1): 161 [20 May 1904] (Pierre 1904), “*robustum*”. — *Pouteria robusta* (Mart. & Eichler) Eyma, *Recueil Trav. Bot. Néerl.* 33: 188 (Eyma 1936). — *Neoxythece robusta* (Mart. & Eichler) Aubrév. & Pellegr., *Adansonia*, sér. 2, 1 (1): 17 [Nov. 1961] (Aubréville & Pellegrin 1961).

*Pouteria robusta* var. *longifolia* Eyma, *Recueil Trav. Bot. Néerl.* 33: 188 (Eyma 1936).

*Pouteria robusta* var. *typica* Baehni, *Candollea* 9: 213 (Baehni 1942), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Oxythece robusta* var. *brevipetiolata* Monach., *Fieldiana, Bot.* 28 (3): 486 (Monachino 1953).

NOTES. — *P. cuspidata* is hyperdominant in Amazonia (ter Steege *et al.* 2020). Although Miquel provided the treatment of Sapotaceae for the *Flora Brasiliensis* (Miquel 1863), Martius clearly claims, in the footnote at the beginning of the treatment of this family (Miquel 1863: 37), his coauthorship with Eichler of some new species, among which is *Sideroxylon robustum* Mart. & Eichler.

VERNACULAR NAMES. — Ka: atakamala, kusili palatali.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: D. Sabatier & S. Gonzalez 5385.

INVENTORY DATA (FG). — 4 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29$  cm.

[1652] *Pouteria decorticans* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 489 [26 Apr. 1990] (Pennington 1990).

VERNACULAR NAMES. — Pa: kuyau-kamwi-duwē, kuyau-kamwi-seinó, uu-kamwi-wahuyo • Wp: yawayi lū • Nt: nyanboka • Cr: zoliv • Br: abiu-giboia.

HERBARIUM DATA (FG). — 33 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 2617.

INVENTORY DATA (FG). — 147 trees in 38 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 41.1$  cm.

[1653] *Pouteria deliciosa* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 446 [26 Apr. 1990] (Pennington 1990).

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: D. Sabatier 1213.

INVENTORY DATA (FG). — 24 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 75$  cm.

[1654] *Pouteria durlandii* (Standl.) Baehni

*Candollea* 9: 422 (Baehni 1942). — *Lucuma durlandii* Standl., *Trop. Woods* 4: 5 (Standley 1925). — *Paralabatia durlandii* (Standl.) Aubrév., *Adansonia*, n.s., 3 (1): 21 [Jan.-Mar. 1963] (Aubréville 1963). — *Peteniodendron durlandii* (Standl.) Lundell, *Wrightia* 5 (7): 255 (Lundell 1976).

*Pouteria suffulta* Baehni, *Candollea* 14: 70 (Baehni 1952).

*Pouteria potosina* Lundell, *Wrightia* 5 (4): 101 (Lundell 1975). — *Peteniodendron potosinum* (Lundell) Lundell, *Wrightia* 5 (7): 255 (Lundell 1976). — *Paralabatia potosina* (Lundell) Aubrév., *Wrightia* 5 (9): 350 (Aubréville 1977).

*Peteniodendron belizense* Lundell, *Wrightia* 5 (7): 254 (Lundell 1976). — *Paralabatia belizensis* (Lundell) Lundell, *Wrightia* 5 (9): 350 (Lundell 1977).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *T.D. Pennington & S.A. Mori 12177*.

INVENTORY DATA (FG). — 14 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.4$  cm.

[1655] *Pouteria egregia* Sandwith

*Bull. Misc. Inform. Kew* 1931 (10): 479 [31 Dec. 1931] (Sandwith 1931). — *Sandwithiodoxa egregia* (Sandwith) Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 163 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

VERNACULAR NAMES. — Ka: olomelan • Wp: wila nānā, wila nānā sili • Br: abiu-pitomba, abiurana, cururu.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier 1219*.

INVENTORY DATA (FG). — 74 trees in 38 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[1656] *Pouteria engleri* Eyma

*Recueil Trav. Bot. Néerl.* 33: 178 (Eyma 1936). — *Nemaluma engleri* (Eyma) Aubrév. & Pellegr., *Adansonia*, n.s., 1 (1): 31 [Nov. 1961] (Aubréville & Pellegrin 1961).

*Chrysophyllum alnifolium* Engl., *Bot. Jahrb. Syst.* 12: 522 [23 Dec. 1890] (Engler 1890), *nom. illeg. hom., non Baker* (1877).

VERNACULAR NAMES. — Ka: atakamala, kusili palatali • Nt: nyanboka.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material P[P00640595, P00640596, P00640597]).

INVENTORY DATA (FG). — 71 trees in 44 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 72.9$  cm.

[1657] *Pouteria ephedrantha* (A.C.Sm.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 508 [26 Apr. 1990] (Pennington 1990). — *Lucuma ephedrantha* A.C.Sm., *Brittonia* 2 (2): 158 (Smith 1936).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier & J.-F. Molino 5717*.

INVENTORY DATA (FG). — 46 trees in 11 plots;  $dbh_{\text{inv}} = 115$  cm.

[1658] *Pouteria eugeniifolia* (Pierre) Baehni (Fig. 55B)

*Candollea* 9: 218 (Baehni 1942). — *Micropholis eugeniifolia* Pierre, *Notes Bot. Sapot.* 2: 40 (Pierre 1891), “*eugeniaefolia*”. — *Sideroxylon eugeniifolium* (Pierre) Engl., *Nat. Pflanzfam. [Engler & Prantl] Nachtr.* 1: 276 (Engler 1897). — *Myrtiluma eugeniifolia* (Pierre) Aubrév., *Adansonia*, n.s., 1 (2): 180 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962), “*eugeniaefolia*”.

*Micropholis steyermarkii* Monach., *Fieldiana, Bot.* 28 (3): 481 (Monachino 1953), *nom. inval.* (simultaneously published with *Sideroxylon steyermarkii*).

*Pouteria steyermarkii* Monach., *Fieldiana, Bot.* 28 (3): 481 (Monachino 1953), *nom. inval.* (simultaneously published with *Micropholis steyermarkii*).

VERNACULAR NAMES. — Ka: mandasabay • Nt: nyanboka • Br: batinga.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (holo-, P[P00647901]; iso-, G[G00439472], P[P00640598, P00640599, P00647902]).

INVENTORY DATA (FG). — 177 trees in 78 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 98$  cm.

[1659] *Pouteria filipes* Eyma

*Recueil Trav. Bot. Néerl.* 33: 180 (Eyma 1936). — *Pseudolabatia filipes* (Eyma) Aubrév., *Adansonia*, n.s., 3 (1): 21 [Jan.-Mar. 1963] (Aubréville 1963).

VERNACULAR NAMES. — Pa: kuyau-kamwi-puvemna.

HERBARIUM DATA (FG). — 23 collections at CAY. Sel. exs.: *D. Sabatier 1516*.

INVENTORY DATA (FG). — 89 trees in 31 plots;  $F_{\max} = 3.5\%$ ;  $dbh_{\text{inv}} = 87$  cm.

[1660] *Pouteria fimbriata* Baehni

*Candollea* 14: 68 (Baehni 1952).

*Pseudolabatia raoulantonina* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 168 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & B. Riéra 1741*.

INVENTORY DATA (FG). — 123 trees in 81 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 63$  cm.

[1661] *Pouteria flavilatex* T.D.Penn.

*Rodriguésia* 57 (2): 308 (Pennington 2006).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5128*.

INVENTORY DATA (FG). — 41 trees in 33 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 58.1$  cm.

[1662] *Pouteria franciscana* Baehni

*Candollea* 9: 262 (Baehni 1942).

VERNACULAR NAMES. — Wp: waa pitá, wapitá • Wn: palakwa • Nt: nyanboka • Cr: zoliv • Br: abiurana-branca.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1637*.

INVENTORY DATA (FG). — 24 trees in 7 plots;  $F_{\max} = 1.9\%$ ;  $dbh_{\text{inv}} = 104$  cm.

[1663] *Pouteria glomerata* (Miq.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 333 (Radlkofer 1882). — *Lucuma glomerata* Miq., *Fl. Bras. [Martius]* 7: 81 [15 Jan. 1863] (Miquel 1863). — *Labatia glomerata* (Miq.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 14: 451 (Radlkofer 1884). — *Guapeba glomerata* (Miq.) Pierre, *Notes Bot. Sapot.* 2: 43 (Pierre 1891). — *Richardella glomerata* (Miq.) Baehni, *Boissiera* 11: 97 (Baehni 1965). — *Neolabatia glomerata* (Miq.) Aubrév., *Mem. New York Bot. Gard.* 23: 203 (Aubréville 1972).

*Labatia parinarioides* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 14: 451 (Radlkofer 1884). — *Guapeba parinarioides* (Radlk.) Pierre, *Notes Bot. Sapot.* 2: 43 (Pierre 1891).

*Pouteria weddelliana* Pierre, *Notes Bot. Sapot.* 2: 45 (Pierre 1891).

*Pouteria glomerata* var. *glabrescens* Huber, *Bull. Soc. Bot. Genève*, sér. 2, 6: 197 [“1914” publ. 1915] (Huber 1915), “*Ponteria*”.

*Labatia parviflora* Pittier, *Arb. Arbust. Venez.* 2-3: 41 (Pittier 1923). — *Neolabatia parviflora* (Pittier) Aubrév., *Mem. New York Bot. Gard.* 23: 203 (Aubréville 1972).

*Lucuma hypoglauca* Standl., *Lista Pl. Salvador [Standley & S. Calderon]*: 170 (Standley 1925). — *Pouteria hypoglauca* (Standl.) Baehni, *Candollea* 9: 250 (Baehni 1942). — *Richardella hypoglauca* (Standl.) Baehni, *Boissiera* 11: 97 (Baehni 1965). — *Neolabatia hypoglauca* (Standl.) Aubrév., *Mem. New York Bot. Gard.* 23: 203 (Aubréville 1972).

*Pouteria glomerata* var. *typica* Baehni, *Candollea* 9: 243 (Baehni 1942), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Pouteria pittieri* Baehni, *Candollea* 9: 254 (Baehni 1942).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *D. Sabatier 1488*.

INVENTORY DATA (FG). — 7 trees in 3 plots;  $F_{\max} = 1.1\%$ ;  $dbh_{\text{inv}} = 43$  cm.

[1664] *Pouteria gonggrijpii* Eyma

*Recueil Trav. Bot. Néerl.* 33: 185 (Eyma 1936), “*Gonggrijpii*”. — *Franchetella gonggrijpii* (Eyma) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962), “*Gonggrijpii*”.

NOTE. — This species is dedicated to the Dutch collector Justus Willem Gonggrijp. Eyma himself wrote “*Pouteria gonggrijpii*” on the type. The spelling “*gonggrijpii*” should therefore be taken as an

unintentional typographical error, and corrected (Turland *et al.* 2018: Art. 60.1).

VERNACULAR NAMES. — Pa: kuyau-kamwi, tukuyuy-kamwi, uu-kamwi, uu-kamwi-duwë • Ka: lololome, olome • Te: wila pitág tsing • Nt: nyanboka • Cr: balata-pwé • Fr: balata poirier • Br: abiurana-vermelha.

HERBARIUM DATA (FG). — 100 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 4304*.

INVENTORY DATA (FG). — 611 trees in 126 plots;  $F_{\max} = 8.6\%$ ;  $dbh_{\text{inv}} = 51$  cm.

[1665] *Pouteria grandis* Eyma

*Recueil Trav. Bot. Néerl.* 33: 170 (Eyma 1936). — *Radlkoferella grandis* (Eyma) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: uu-aška.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *D. Sabatier 2450*.

INVENTORY DATA (FG). — 101 trees in 41 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 70.7$  cm.

[1666] *Pouteria guianensis* Aubl.

*Hist. Pl. Guiane* 1: 85 [Jun.-Dec. 1775] (Aublet 1775). — *Labatia pedunculata* Willd., *Sp. Pl.*, ed. 4 1 (2): 624 [July 1798] (Willdenow 1798), *nom. illeg. superfl.* (based on *Pouteria guianensis*). — *Pouteria pedunculata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 4: 546 [29 June 1816] (Poiret 1816).

*Lucuma psammophila* (Mart.) A.DC. var. *macrophylla* Raunk., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1889: 6 (Raunkiaer 1889).

*Labatia tovarensis* Engl., *Bot. Jahrb. Syst.* 12: 515 [23 Dec. 1890] (Engler 1890). — *Pouteria tovarensis* (Engl.) Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 4 (1): 142 (Engler 1891).

*Guapeba glazioviana* Pierre, *Notes Bot. Sapot.* 2: 43 (Pierre 1891), “*Glazioveana*”, *nom. nud.* — *Pouteria glazioviana* Dubard, *Notul. Syst. (Paris)* 1: 380 (Dubard 1911), “*Glazioveana*”, *nom. nov.*, based on *Lucuma psammophila* var. *macrophylla*.

*Krugella hartii* Pierre, *Notes Bot. Sapot.* 2: 52 (Pierre 1891). — *Pouteria hartii* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 34 (Dubard 1912).

*Lucuma hartii* Hemsl., *Hooker's Icon. Pl.* 26 [ser. 4, 6]: t. 2565 [“1899” publ. Apr. 1898] (Hemsley 1898).

*Lucuma glazioviana* Pierre ex Glaz., *Bull. Soc. Bot. France* 57 (Mem. 3e): 438 (Glaziou 1910), *nom. nud.*

*Pouteria obidensis* Huber, *Bull. Soc. Bot. Genève*, sér. 2, 6: 197 [“1914” publ. 1915] (Huber 1915).

*Pouteria demerarae* Sandwith, *Bull. Misc. Inform. Kew* 1931 (10): 477 [31 Dec. 1931] (Sandwith 1931).

*Lucuma buallagae* Standl. ex Ll. Williams, *Publ. Field Mus. Nat. Hist., Bot. Ser.* 15: 411 (Williams 1936).

*Pouteria caimito* var. *strigosa* Monach., *Fieldiana, Bot.* 28 (3): 487 (Monachino 1953).

*Pouteria cuatrecasii* Aubrév., *Adansonia*, n.s., 7 (2): 141 [Jul.-Sep. 1967] (Aubréville 1967).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *Pouteria hartii* (Pierre) Dubard is based on both *Krugella hartii* Pierre and *Lucuma hartii* Hemsl. These names have distinct types, which are both cited by Dubard (1912: 35).

VERNACULAR NAMES. — Pa: balata-kamwi, uu-ahavukune, uu-kamwi-seine • Ka: asepokó, asepuke, kulumoto, wasepuke • Te: wila pitág piñág • Wp: wau, wawiyu • Wn: alimihmo • Nt: nyanboka • Cr: grènn-kwata, jonndéf • Fr: jaune d'œuf • Br: abiuarana-abiu, abiuarana-branca, abiuarana-casca-fina.

HERBARIUM DATA (FG). — 79 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777520] designated by Lanjou & Uttien [1940: 156]).

INVENTORY DATA (FG). — 411 trees in 147 plots;  $F_{\max} = 2.6\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[1667] *Pouteria hispida* Eyma

*Recueil Trav. Bot. Néerl.* 33: 177 (Eyma 1936).

*Pouteria trichopoda* Baehni, *Candollea* 9: 245 (Baehni 1942).

*Pouteria solimoensis* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 157 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

*Pouteria benoistii* Aubrév., *Adansonia*, n.s., 4 (2): 228 [July 1964] (Aubréville 1964).

VERNACULAR NAMES. — Pa: uu-kamwi • Ka: asepuke, tuwonule, wasepuke • Wp: wawiyu • Nt: nyanboka • Br: abiuarana-braba, abiuarana-jarani.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *E.M. Melinon 108*, 1863 (holotype of *Pouteria benoistii*: P[P00647949]; iso-, P[P00647950, P00647951]).

INVENTORY DATA (FG). — 100 trees in 62 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 110$  cm.

[1668] *Pouteria jariensis* Pires & T.D.Penn.  
(Fig. 55D)

*Fl. Neotrop. Monogr.* 52: 331 [26 Apr. 1990] (Pires & Pennington 1990).

VERNACULAR NAMES. — Pa: tukuyuy-kamwi • Cr: zoliv • Br: abiuarana.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *J.-F. Molino 1198*.

INVENTORY DATA (FG). — 95 trees in 64 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 67$  cm.

[1669] *Pouteria laevigata* (Mart.) Radlk.

*Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 14: 457 (Radlkofer 1884). — *Labatia laevigata* Mart., *Flora* 21 (2, Beibl.): 92 (Martius 1838). — *Lucuma laevigata* (Mart.) A.DC., *Prodr. [A. P. de Candolle]* 8: 167 [mid Mar. 1844] (Candolle 1844). — *Gua-peba laevigata* (Mart.) Pierre, *Notes Bot. Sapot.* 2: 42 (Pierre 1891).

*Pouteria bouffardiana* Bernardi, *Candollea* 22 (2): 228 (Bernardi 1967).

VERNACULAR NAMES. — Wp: wau átá • Br: abiuarana-de-casca-grossa, abiuarana-sapota.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier 1098*.

INVENTORY DATA (FG). — 18 trees in 15 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 85.1$  cm.

[1670] *Pouteria macrocarpa* (Mart.) D.Dietr.

*Syn. Pl. [D. Dietrich]* 1: 431 [July 1839] (Dietrich 1839). — *Labatia macrocarpa* Mart., *Nova genera et species plantarum [Martius]* 2 (2): 71 [Jan.-June 1827] (Martius 1827). — *Richardella macrocarpa* (Mart.) Baehni, *Boissiera* 11: 97 (Baehni 1965). — *Neolabatia macrocarpa* (Mart.) Aubrév., *Mem. New York Bot. Gard.* 23: 203 (Aubréville 1972).

*Lucuma paraensis* Standl., *Trop. Woods* 33: 13 (Standley 1933). — *Pouteria paraensis* (Standl.) Baehni, *Candollea* 9: 424 (Baehni 1942).

NOTE. — Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: uu-kamwi-duwē, uu-purubumna • Wp: pakuku, yá laánga • Br: abiu-grande, cutite-grande.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *P. Grenand 699*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 30.2$  cm.

[1671] *Pouteria macrophylla* (Lam.) Eyma

*Recueil Trav. Bot. Néerl.* 33: 164 (Eyma 1936). — *Chrysophyllum macrophyllum* Lam., *Tabl. Encycl.* 2[5 (2)]: 44 [1 Sep. 1794] (Lamarck 1794). — *Richardella macrophylla* (Lam.) Aubrév., *Adansonia*, n.s., 1 (2): 175 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Bumelia nervosa* Vahl, *Eclog. Amer.* 1: 28 (Vahl 1797).

*Lucuma rivicoa* C.F.Gaertn., *Suppl. Carp.* 130 (Gaertner 1807). — *Vitellaria rivicoa* (C.F.Gaertn.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 326 (Radlkofer 1882). — *Richardella rivicoa* (C.F.Gaertn.) Pierre, *Notes Bot. Sapot.* 1: 19 (Pierre 1890).

*Achras glaucescens* Willd. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 15 (Steudel 1840), *nom. nud.*

*Vitellaria glaucophylla* Engl., *Bot. Jahrb. Syst.* 12: 513 [23 Dec. 1890] (Engler 1890). — *Lucuma rivicoa* var. *glaucophylla* (Engl.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 15 (Dubard 1912).

*Lucuma acreana* K.Krause, *Notizbl. Königl. Bot. Gart. Berlin* 6: 169 [4 Apr. 1914] (Krause 1914).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020), but not yet found in inventories of trees above 10 cm dbh in French Guiana. Semi-domesticated by pre-Columbian Amerindians (Clement 1999; Levis *et al.* 2017).

VERNACULAR NAMES. — Pa: uu • Wp: akusi yeti • Nt: sooke • Cr: jonndêf • Br: abiurana-cutiti, acará-uba, cutite, cutitiribá.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *J.P.B. von Robr 125* (original material of *Bumelia nervosa*: C[C10018776, C10018777]).

SIZE. — Brazil, Amazonas. *G.T. Prance et al. 22998* (MO), 15 m × 15 cm.

[1672] *Pouteria maxima* T.D.Penn.

*Rodriguésia* 57 (2): 319 (Pennington 2006).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *T.D. Pennington & S.A. Mori 12137*.

INVENTORY DATA (FG). — 5 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 110$  cm.

[1673] *Pouteria melanopoda* Eyma

*Recueil Trav. Bot. Néerl.* 33: 174 (Eyma 1936).

VERNACULAR NAMES. — Ka: asepokolan • Br: abiurana-goiabinha.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1843*.

INVENTORY DATA (FG). — 61 trees in 49 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 61.3$  cm.

[1674] *Pouteria oblanceolata* Pires

*Bol. Têcn. Inst. Agron. N.* 38: 38 (Pires 1960).

VERNACULAR NAMES. — Nt: nyanboka • Br: abiurana.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 1106*.

INVENTORY DATA (FG). — 4 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 47$  cm.

[1675] *Pouteria platyphylla* (A.C.Sm.) Baehni

*Candollea* 9: 274 (Baehni 1942). — *Lucuma platyphylla* A.C.Sm., *Bull. Torrey Bot. Club* 60 (6): 388 [1 June 1933] (Smith 1933). — *Franchetella platyphylla* (A.C.Sm.) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

VERNACULAR NAMES. — Pa: uu-kamwi • Br: abiurana-vermelha.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier 5843*.

INVENTORY DATA (FG). — 11 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40$  cm.

[1676] *Pouteria procera* (Mart.) K.Hammer

*Verz. Landwirtsch. Gartn. Kulturpfl.*, ed. 2, 2: 1046 (Hammer 1986). — *Lucuma procera* Mart., *Flora* 22 (1, Beibl.): 57 (Martius 1839). — *Vitellaria procera* (Mart.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 325 (Radlkofer 1882). — *Urbanella procera* (Mart.) Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890). — *Calocarpum procerum* (Mart.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 8 (Dubard 1912).

*Lucuma procera* var. *cuspidata* Miq., *Fl. Bras. [Martius]* 7: 72 [15 Jan. 1863] (Miquel 1863). — *Urbanella cuspidata* (Miq.) Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890). — *Calocarpum procerum* var. *cuspidatum* (Miq.) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 8 (Dubard 1912).

*Urbanella buchananiifolia* Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890). — *Lucuma buchananiifolia* Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890), “*buchananiaefolia*”, *nom. nud. pro syn.* — *Calocarpum buchananiifolium* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 9 (Dubard 1912), “*buchananiaefolium*”. — *Achras buchananiifolia* (Pierre) Bernardi, *Candollea* 22 (2): 230 (Bernardi 1967).

*Urbanella oblonga* Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890). — *Lucuma oblonga* Pierre, *Notes Bot. Sapot.* 1: 25 (Pierre 1890), *nom. nud. pro syn.* — *Calocarpum procerum* var. *oblongum* (Pierre) Dubard, *Ann. Mus. Colon. Marseille*, sér. 2, 10: 9 (Dubard 1912), “*oblongifolium*”.

*Lucuma excelsa* A.C.Sm., *Brittonia* 2 (2): 159 (Smith 1936). — *Pouteria excelsa* (A.C.Sm.) Baehni, *Candollea* 9: 350 (Baehni 1942). — *Urbanella excelsa* (A.C.Sm.) Aubrév., *Adansonia*, n.s., 3 (1): 21 [Jan.-Mar. 1963] (Aubréville 1963).

VERNACULAR NAMES. — Br: maparajúba-vermelha.

HERBARIUM DATA (FG). — A single collection, *J.-J. de Granville et al. 7632* (P).

SIZE. — Up to 100 cm dbh (Pennington 1990).

[1677] *Pouteria putamen-ovi* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 270 [26 Apr. 1990] (Pennington 1990).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 3407*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 44.4$  cm.

[1678] *Pouteria reticulata* (Engl.) Eyma

*Recueil Trav. Bot. Néerl.* 33: 183 (Eyma 1936). — *Chrysophyllum reticulatum* Engl., *Bot. Jahrb. Syst.* 12: 522 [23 Dec. 1890] (Engler 1890). — *Franchetella reticulata* (Engl.) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Lucuma minutiflora* Allemão, *Trab. Comm. Sci. Expl., Bot., Rio de Janeiro* 1: 57 (Allemão 1866).

*Sideroxylon uniloculare* Donn.Sm., *Bot. Gaz.* 35 (1): 5 [20 Jan. 1903] (Donnell Smith 1903). — *Pouteria unilocularis* (Donn.Sm.) Baehni, *Candollea* 9: 273 (Baehni 1942). — *Franchetella unilocularis* (Donn.Sm.) Aubrév., *Adansonia*, n.s., 3 (1): 21 [Jan.-Mar. 1963] (Aubréville 1963).

*Sideroxylon hondurensis* Pittier, *Contr. U.S. Natl. Herb.* 20 (12): 483 [9 Jan. 1922] (Pittier 1922). — *Pouteria hondurensis* (Pittier) Baehni, *Candollea* 9: 228 (Baehni 1942).

*Sideroxylon meyeri* Standl., *Trop. Woods* 31: 45 (Standley 1932). — *Pouteria meyeri* (Standl.) Baehni, *Candollea* 9: 272 (Baehni 1942).

*Lucuma anibifolia* A.C.Sm., *Bull. Torrey Bot. Club* 60 (6): 389 [1 June 1933] (Smith 1933), “*anibaefolia*”. — *Pouteria anibifolia* (A.C.Sm.) Baehni, *Candollea* 9: 269 (Baehni 1942). — *Franchetella anibifolia* (A.C.Sm.) Aubrév., *Adansonia*, n.s., 1 (2): 183 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Pouteria cearensis* Baehni, *Candollea* 9: 279 (Baehni 1942).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kuyau-kamwi-duwë • Ka: olomelan • Br: abiurana-cascuda.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5322bis*.

INVENTORY DATA (FG). — 86 trees in 27 plots;  $F_{\max} = 3.7\%$ ;  $dbh_{\text{inv}} = 53.8$  cm.

[1679] *Pouteria retinervis* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 308 [26 Apr. 1990] (Pennington 1990).

VERNACULAR NAMES. — Br: abiurana-grande.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom 15239* (holo-, NY[00335312]; iso-, CAY[CAY044794], K, NO[NO0109877]).

INVENTORY DATA (FG). — 9 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.9$  cm.

[1680] *Pouteria rodriguesiana* Pires & T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 379 [26 Apr. 1990] (Pires & Pennington 1990).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: uu-kamwi, uu-kamwi-seine • Te: wila pitág hun • Nt: nyanboka • Br: abiur-maparajúba.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *B. Maguire et al. 47097* (holo-, K[K000994418, K000994419]; iso-, NY[01212902], US[00516534]).

INVENTORY DATA (FG). — 70 trees in 29 plots;  $F_{\max} = 2.4\%$ ;  $dbh_{\text{inv}} = 80$  cm.

[1681] *Pouteria sagotiana* (Baill.) Eyma  
(Fig. 55C)

*Recueil Trav. Bot. Néerl.* 33: 170 (Eyma 1936). — *Eremoluma sagotiana* Baill., *Hist. Pl. [Baillon]* 11: 292 [Sep.-Oct. 1891] (Baillon 1891). — *Lucuma sagotiana* (Baill.) Engl., *Nat. Pflanzenfam. [Engler & Prantl] Nachtr.* 1: 274 (Engler 1897).

VERNACULAR NAMES. — Pa: inam-etni-seinó, waaduk • Ka: asinadan.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *P.A. Sagot 1189*, 1858 (holo-, P[P00648047]).

INVENTORY DATA (FG). — 26 trees in 16 plots;  $F_{\max} = 2\%$ ;  $dbh_{\text{inv}} = 30.9$  cm.

[1682] *Pouteria singularis* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 459 [26 Apr. 1990] (Pennington 1990).

VERNACULAR NAMES. — Pa: kuyau-kamwi-duwó, uu-kamwi • Nt: nyanboka • Cr: jonndèf, zoliv • Fr: jaune d’œuf.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2645*.

INVENTORY DATA (FG). — 149 trees in 62 plots;  $F_{\max} = 2.8\%$ ;  $dbh_{\text{inv}} = 60$  cm.

[1683] *Pouteria speciosa* (Ducke) Baehni

*Candollea* 9: 398 (Baehni 1942). — *Lucuma speciosa* Ducke, *Arch. Mus. Nac. Rio de Janeiro* 22: 67 (Ducke 1919). — *Englerella speciosa* (Ducke) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 230 (Ducke 1922), *nom. inval.* (new combination not formally accepted by the author). — *Richardella speciosa* (Ducke) Aubrév., *Adansonia*, n.s., 1 (2): 175 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville 1962).

*Englerella macrocarpa* Pierre, *Notes Bot. Sapot.* 2: 47 (Pierre 1891).

VERNACULAR NAMES. — Wn: kanapupali • Nt: taka, tyaka • Br: pajurá, pajurá-de-obidos.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5117*.

INVENTORY DATA (FG). — 30 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 88.4$  cm.

[1684] *Pouteria stipulifera* T.D.Penn.

*Rodriguésia* 57 (2): 283 (Pennington 2006).

HERBARIUM DATA (FG). — A single collection, *J. Engel & P. Petronelli 19* (CAY).

INVENTORY DATA (FG). — 1 tree,  $dbh = 29.3$  cm.

[1685] *Pouteria tenuisejala* Pires & T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 435 [26 Apr. 1990] (Pires & Pennington 1990).

VERNACULAR NAMES. — Wp: ei li.

HERBARIUM DATA (FG). — 15 collections at CAY. Sel. exs.: *W.A. Egler 47673* (holo-, MG, not seen; iso-, K[K000641152]).

INVENTORY DATA (FG). — 24 trees in 7 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 38$  cm.



[1686] *Pouteria torta* (Mart.) Radlk.  
subsp. *glabra* T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 484 [26 Apr. 1990] (Pennington 1990).

*Lucuma jenmanii* Pittier, *Contr. U.S. Natl. Herb.* 13: 458 (Pittier 1912). — *Pouteria jenmanii* (Pittier) Sandwith, *Bull. Misc. Inform. Kew* 1931 (10): 478 [31 Dec. 1931] (Sandwith 1931).

*Lucuma gutta* Ducke, *Ann. Acad. Brasil Sci.* 6: 208 (Ducke 1934). — *Pouteria gutta* Ducke, *Ann. Acad. Brasil Sci.* 6: 208; (Ducke 1934) *in nota*.

*Pouteria gutta* Baehni, *Candollea* 9: 261 (Baehni 1942), isonym.

*Lucuma dolichophylla* Standl. ex Ll. Williams, *Bot. Mus. Leaflet* 13 (9): 289 [18 Apr. 1949] (Williams 1949).

NOTES. — Schultes (1949: 289) stated that he only translated into latin Ll. Williams' English description of *Lucuma dolichophylla*, and he unequivocally ascribed authorship to Ll. Williams. *Lucuma gutta* Ducke and *Pouteria gutta* Ducke are alternative names (published simultaneously for the same taxon), but both are nevertheless valid, because they were published before 1953 (Turland *et al.* 2018: Art. 36.3). Therefore, the transfer of *Lucuma gutta* to *Pouteria* by Baehni is superfluous.

VERNACULAR NAMES. — Pa: uu-kamwi, uu-kamwi-wahuyo • Wp: wamisalu, wau • Nt: nyanboka • Cr: zoliv • Br: abiurana-camazal, curiola, grão-de-galo, guapeva.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 1351*.

INVENTORY DATA (FG). — 203 trees in 92 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 55.4$  cm.

[1687] *Pouteria torta* subsp. *tuberculata*  
(Sleumer) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 483 [26 Apr. 1990] (Pennington 1990). — *Lucuma tuberculata* Sleumer, *Repert. Spec. Nov. Regni Veg.* 45: 18 (Sleumer 1938). — *Xantolis tuberculata* (Sleumer) Baehni, *Boissiera* 11: 22 (Baehni 1965).

*Pouteria neglecta* Cronquist, *Lloydia* 9 (4): 286 [“1945” publ. 20 Dec. 1946] (Cronquist 1946).

*Pouteria cooperi* Cronquist, *Lloydia* 9 (4): 291 [“1945” publ. 20 Dec. 1946] (Cronquist 1946). — *Calocarpum cooperi* (Cronquist) Lundell, *Wrightia* 5 (7): 252 (Lundell 1976).

*Pouteria wurdackii* Aubrév., *Adansonia*, n.s., 5 (2): 201 [July 1965] (Aubréville 1965).

*Pouteria echinocarpa* W.A.Rodrigues, *Acta Amazonica* 4 (3): 9 (Rodrigues 1974).

VERNACULAR NAMES. — Nt: nyanboka.

HERBARIUM DATA (FG). — 22 collections at CAY. Sel. exs.: *D. Larpin 885*.

INVENTORY DATA (FG). — 78 trees in 44 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 51.3$  cm.

[1688] *Pouteria venosa* (Mart.) Baehni subsp. *amazonica*  
T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 399 [26 Apr. 1990] (Pennington 1990).

*Lucuma littoralis* Mart., *Fl. Bras. [Martius]* 7: 65 [15 Jan. 1863] (Martius 1863). — *Vitellaria littoralis* (Mart.) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 326 (Radlkofer 1882). — *Radlkoferella littoralis* (Mart.) Pierre, *Notes Bot. Sapot.* 1: 21 (Pierre 1890).

*Vitellaria dissepala* K.Krause, *Notizbl. Königl. Bot. Gart. Berlin* 6: 171 [4 Apr. 1914] (Krause 1914). — *Lucuma dissepala* (K.Krause) Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 233 (Ducke 1922). — *Pouteria dissepala* (K.Krause) Rizzini, *Revista Brasil. Biol.* 33 (4): 599 (Rizzini 1973), *nom. inval.* (no reference to the basionym).

*Lucuma duckei* Huber, *Bull. Soc. Bot. Genève*, sér. 2, 6: 194 [“1914” publ. 1915] (Huber 1915).

*Pouteria marginata* (Mart. & Eichler) Rizzini var. *impressa* Rizzini, *Revista Brasil. Biol.* 33 (4): 599 (Rizzini 1973).

*Pouteria dasystyla* Rizzini, *Revista Brasil. Biol.* 33 (4): 599 (Rizzini 1973).

*Pouteria dasystyla* var. *abaetensis* Rizzini, *Revista Brasil. Biol.* 33 (4): 600 (Rizzini 1973).

VERNACULAR NAMES. — Ka: wasepuku • Wp: pakuku, wamisalu, yá laãnga • Nt: nyanboka • Br: abiurana, cutitiriba-rana.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 1995*.

INVENTORY DATA (FG). — 55 trees in 30 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 44.4$  cm.

[1689] *Pouteria virescens* Baehni

*Candollea* 14: 66 (Baehni 1952).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier 1528*.

INVENTORY DATA (FG). — 7 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 107$  cm.

[1690] *Pouteria williamii* (Aubrév. & Pellegr.) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 338 [26 Apr. 1990] (Pennington 1990). — *Eremoluma williamii* Aubrév. & Pellegr., *Adansonia*, n.s., 1 (2): 169 [“Dec. 1961” publ. Jan.-Mar. 1962] (Aubréville & Pellegrin 1962).

VERNACULAR NAMES. — Pa: á-maruibika, balata-kamwi • Wp: kalamüli • Br: abiurana-balatatinha.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2787*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $dbh_{\text{inv}} = 26.2$  cm.

[1691] *Pouteria* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori & J.J. Pipoly 15515*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 17$  cm.

[1692] *Pouteria* sp. B

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3651.

INVENTORY DATA (FG). — 14 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 54.6$  cm.

[1693] *Pouteria* sp. C

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 2343.

INVENTORY DATA (FG). — 15 trees in 13 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 33.5$  cm.

[1694] *Pouteria* sp. D

HERBARIUM DATA (FG). — 11 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 3648.

INVENTORY DATA (FG). — 51 trees in 35 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 53.3$  cm.

[1695] *Pouteria* sp. E

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 1266.

INVENTORY DATA (FG). — 131 trees in 29 plots;  $F_{\max} = 6\%$ ;  $dbh_{\text{inv}} = 52.2$  cm.

[1696] *Pouteria* sp. F

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino* 1617.

INVENTORY DATA (FG). — 12 trees in 10 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 57.9$  cm.

[1697] *Pouteria* sp. G

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5554.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 86$  cm.

[1698] *Pouteria* sp. H

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5550.

INVENTORY DATA (FG). — 1 tree,  $dbh = 33.4$  cm.

[1699] *Pouteria* sp. I

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier* & *J.-F. Molino* 5628.

INVENTORY DATA (FG). — 14 trees in 3 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 34.9$  cm.

Genus *Pradosia* Liais[1700] *Pradosia cochlearia* (Lecomte) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 656 [26 Apr. 1990] (Pennington 1990). — *Chrysophyllum cochlearium* Lecomte, *Notul. Syst. (Paris)* 4: 63 (Lecomte 1923). — *Ecclinusa cochlearia* (Lecomte) Aubrév., *Adansonia*, n.s., 1 (1): 20 [Nov. 1961] (Aubréville 1961).

VERNACULAR NAMES. — Pa: uu-kamwi-puvmna • Nt: gaan kinboto • Br: casca-doce, miraceem.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *R. Benoist* 224 (holo-, P[P00649438]; iso-, P[P00649439]).

INVENTORY DATA (FG). — 449 trees in 78 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 129.9$  cm.

[1701] *Pradosia huberi* (Ducke) Ducke

*Trop. Woods* 71: 16 (Ducke 1942). — *Glycoxylon huberi* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 3: 235 (Ducke 1922).

VERNACULAR NAMES. — Pa: â-maruibika • Br: casca-doce, pau-doce, pracuuba-de-leite.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 2895.

INVENTORY DATA (FG). — 7 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50$  cm.

[1702] *Pradosia ptychandra* (Eyma) T.D.Penn.  
(Fig. 55E)

*Fl. Neotrop. Monogr.* 52: 648 [26 Apr. 1990] (Pennington 1990). — *Pouteria ptychandra* Eyma, *Recueil Trav. Bot. Néerl.* 33: 189 (Eyma 1936). — *Neopometia ptychandra* (Eyma) Aubrév., *Adansonia*, n.s., 1 (1): 26 [Nov. 1961] (Aubréville 1961).

*Voyara montana* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 26 [Jun.-Dec. 1775] (Aublet 1775), *pro parte fructo excluso*. — *Capparis montana* (Aubl.) Lemée, *Fl. Guyane Franç.* 1: 666 (Lemée 1955).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: inam-etni-seinó • Wp: tasiyasiy, wila ë'ë • Wn: tamaniwa • Nt: busi amanda, busi amandaa, kinboto • Cr: balata-ponm, grènn-kwata • Fr: balata pommier • Br: casca-doce.

HERBARIUM DATA (FG). — 78 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material of *Voyara montana*: BM[BM000952572]).

INVENTORY DATA (FG). — 229 trees in 97 plots;  $F_{\max} = 2.2\%$ ;  $dbh_{\text{inv}} = 58.6$  cm.

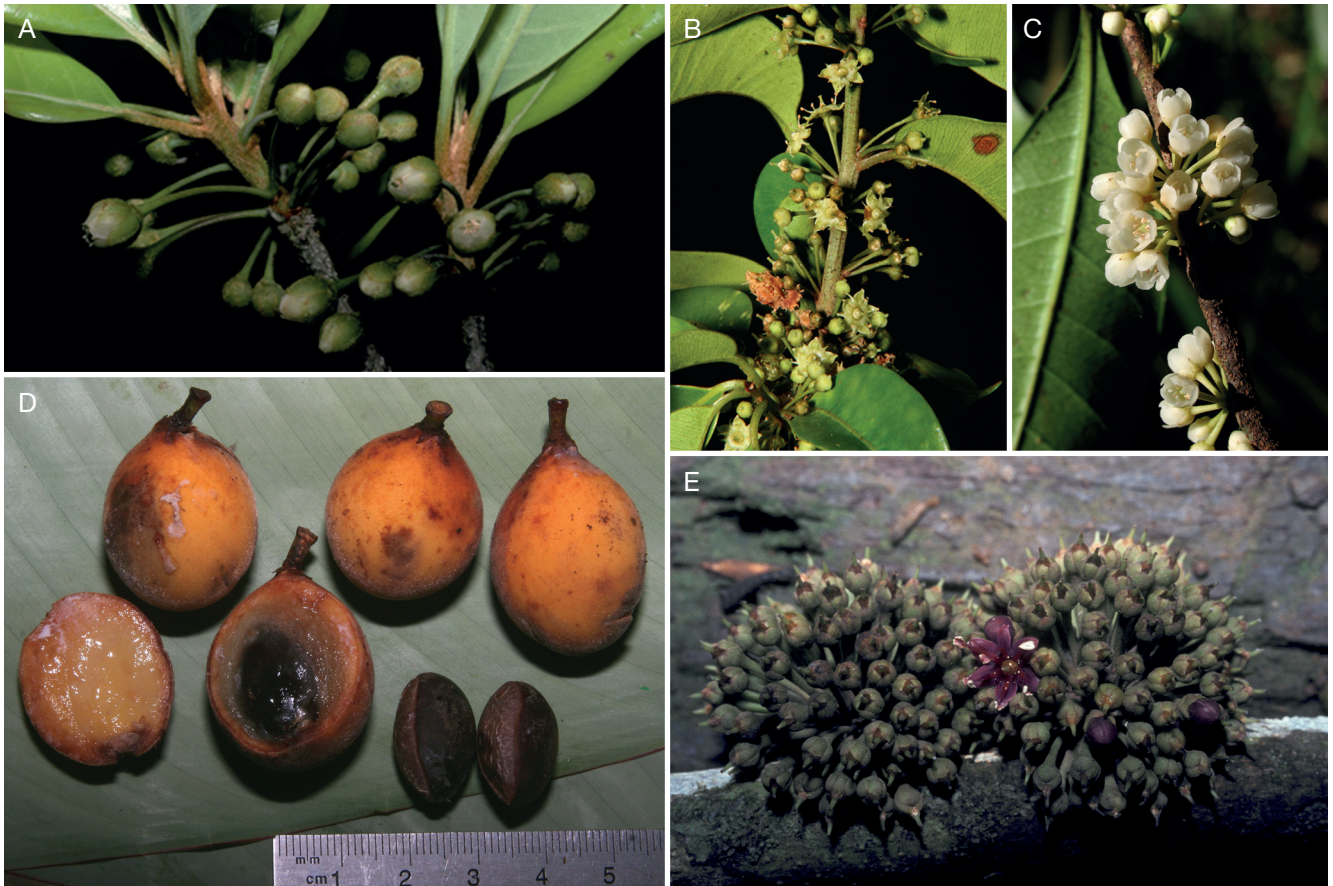


FIG. 55. — Sapotaceae: **A**, *Pouteria benai* (Aubrév. & Pellegr.) T.D.Penn. (D. Sabatier & M.-F. Prévost 3533); **B**, *Pouteria eugeniifolia* (Pierre) Baehni (D. Sabatier 5045); **C**, *Pouteria sagotiana* (Baill.) Eyma; *Pradosia ptychandra* (Eyma) T.D.Penn. (D. Sabatier 823); **D**, *Pouteria jariensis* Pires & T.D.Penn. (D. Sabatier & J.-F. Molino 5541); **E**, *Pradosia ptychandra* (Eyma) T.D.Penn. (D. Sabatier 823). A, B, D, © D. Sabatier/IRD; C, © J.-F. Molino/IRD; E, © M.-F. Prévost/IRD.

[1703] *Pradosia surinamensis* (Eyma) T.D.Penn.

*Fl. Neotrop. Monogr.* 52: 652 [26 Apr. 1990] (Pennington 1990). — *Pouteria surinamensis* Eyma, *Recueil Trav. Bot. Néerl.* 33: 189 (Eyma 1936).

VERNACULAR NAMES. — Ka: lolome, olome • Wn: tamaniwa • Nt: kinboto • Br: abiurana-branca.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: D. Sabatier & M.-F. Prévost 3319.

INVENTORY DATA (FG). — 3 trees in 1 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[1704] *Pradosia verticillata* Ducke

*Trop. Woods* 71: 12 (Ducke 1942).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: T.D. Pennington & S.A. Mori 12134.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.2$  cm.

[1705] *Pradosia* sp. A

NOTE. — A species resembling *P. subverticillata* Ducke.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: D. Sabatier 1772, dbh = 80 cm.

Genus *Sarcaulus* Radlk.

[1706] *Sarcaulus brasiliensis* (A.DC.) Eyma

*Recueil Trav. Bot. Néerl.* 33: 192 (Eyma 1936). — *Chrysophyllum brasiliense* A.DC., *Prodr. [A. P. de Candolle]* 8: 156 [mid Mar. 1844] (Candolle 1844).

*Chrysophyllum macrophyllum* Mart., *Flora* 21 (2, Beibl.): 95 (Martius 1838), *nom. illeg. hom., non* Lam. (Lamarck 1794) *nec* C.F. Gaertn. (Gartner 1806) *nec* Sabine (1824), *nec* Desf. (Desfontaines 1829). — *Achras brasiliensis* Willd. ex Steud., *Nomencl. Bot. [Steudel]*, ed. 2, 1: 15 (Steudel 1840), *nom. illeg. superfl.* (based on *Chrysophyllum macrophyllum*).

*Chrysophyllum brasiliense* var. *minus* Miq., *Fl. Bras. [Martius]* 7: 103 [15 Jan. 1863] (Miquel 1863).

*Sarcaulus macrophyllus* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 12: 311 (Radlkofer 1882).

VERNACULAR NAMES. — Pa: ukum-kamwi, uu-kamwi-wahuyo • Wp: wai • Br: ajará, guajara-do-igapó, jaraf.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier* 2338.

INVENTORY DATA (FG). — 8 trees in 7 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 31.5$  cm.

Family SIMAROUBACEAE DC.  
Genus *Homalolepis* Turcz.

[1707] *Homalolepis cedron* (Planch.) Devecchi & Pirani

*Phytotaxa* 366 (1): 67 [epubl. 28 Aug. 2018] (Devecchi & Pirani 2018). — *Simaba cedron* Planch., *London J. Bot.* 5: 566 (Planchon 1846). — *Quassia cedron* (Planch.) Baill., *Hist. Pl. [Baillon]* 4: 406 [Jul.-Sep. 1873] (Baillon 1873). — *Aruba cedron* (Planch.) Kuntze, *Revis. Gen. Pl.* 1: 103 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: timaa-avain-purubumna • Nt: wan ede • Cr: wan-édé • Br: manga-de-anta, pau-para-tudo.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier* & *M.-F. Prévost* 2255.

INVENTORY DATA (FG). — 485 trees in 77 plots;  $F_{\max} = 6.9\%$ ;  $dbh_{\text{inv}} = 29.8$  cm.

[1708] *Homalolepis morettii* (Feuille) Devecchi & Pirani  
(Fig. 56A)

*Phytotaxa* 366 (1): 43 [epubl. 28 Aug. 2018] (Devecchi & Pirani 2018). — *Simaba morettii* Feuillet, *Candollea* 38 (2): 746 (Feuille 1983).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Nt: busi kananbuli • Cr: koubari-savann, mal-simarouba.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *C. Moretti* 1027 (holo-, P, not seen; iso-, CAY[CAY024960, CAY024961, CAY024962], P[P01817225]).

INVENTORY DATA (FG). — 77 trees in 50 plots;  $F_{\max} = 1\%$ ;  $dbh_{\text{inv}} = 86.3$  cm.

Genus *Picrolemma* Hook.f.

[1709] *Picrolemma sprucei* Hook.f.

*Gen. Pl. [Bentham & Hooker f.]* 1 (1): 312 [7 Aug. 1862] (Hooker 1862).

*Picrolemma pseudocoffea* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 196 (Ducke 1925).

VERNACULAR NAMES. — Pa: tuu-ariut, tuu-kamwi • Cr: kafé-lane • Br: caferana.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *M.-F. Prévost et al.* 4440.

SIZE. — Up to 10 m tall (Thomas & Franceschinelli 2005).

Genus *Quassia* L.

[1710] *Quassia amara* L.

*Sp. Pl.*, ed. 2, 1: 553 [Sep. 1762] (Linnaeus 1762).

*Quassia amara* var. *paniculata* Engl., *Fl. Bras. [Martius]* 12 (2): 207 [1 Sep. 1874] (Engler 1874). — *Quassia amara* f. *paniculata* (Engl.) Cronquist, *Brittonia* 5: 146 (Cronquist 1944).

NOTE. — A species native to Central America and the Caraïbes, probably introduced to French Guiana during the 18th century by French Jesuit priests (Odonne *et al.* 2020).

VERNACULAR NAMES. — Pa: kwašvan • Ka: ki'elepun, kuasi bita, kuwasi, pekui • Nt: bita kwasi, kwasi • Cr: bwa-kwachi, kwachi • Fr: couachi • Br: quina, quina-de-Caiena.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *P. Grenand* 2118.

SIZE. — Costa Rica. *K. Martínez Sequeira* 280 (MO), 9 m × 10 cm.

Genus *Simaba* Aubl.

[1711] *Simaba guianensis* Aubl.

*Hist. Pl. Guiane* 1: 400 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Zwingera amara* Willd., *Sp. Pl.*, ed. 4 2 (1): 569 [Mar. 1799] (Willdenow 1799), *nom. illeg. superfl.* (based on *Simaba guianensis*). — *Quassia crocea* Vahl, *Eclog. Amer.* 3: 12 (Vahl 1807), *nom. illeg. superfl.* (based on *Simaba guianensis*). — *Quassia guianensis* (Aubl.) D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1416 [1-20 Dec. 1840] (Dietrich 1840).

*Aruba guianensis* Aubl., *Hist. Pl. Guiane* 1: 294 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Simaba guianensis* (Aubl.) Engl., *Fl. Bras. [Martius]* 12 (2): 211 [1 Sep. 1874] (Engler 1874), *nom. illeg. hom., non* Aubl. (Aublet 1775).

*Zwingera aruba* Spreng., *Syst. Veg. [Sprengel]* 2: 319 [Jan.-May 1825] (Sprengel 1825). — *Quassia aruba* (Spreng.) D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1416 [1-20 Dec. 1840] (Dietrich 1840).

*Simaba cuspidata* Spruce ex Engl., *Fl. Bras. [Martius]* 12 (2): 212 [1 Sep. 1874] (Engler 1874). — *Quassia cuspidata* (Spruce ex Engl.) Noot., *Blumea* 11: 522 [15 Dec. 1962] (Nootboom 1962).

NOTE. — *Zwingera amara* Willd. is based on *Simaba guianensis* Aubl., not on *Simarouba amara* Aubl.

VERNACULAR NAMES. — Wp: wasaku sili • Br: cajuirana, maruparana.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lectotype of *Aruba guianensis* Aubl. [P-JJR, P00778459] designated by Lanjouw & Uittien [1940: 148]).

INVENTORY DATA (FG). — 17 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 36.1$  cm.

[1712] *Simaba orinocensis* Kunth

*Nova genera et species plantarum* [H.B.K.] 6: 18 [14 Apr. 1823] (Kunth 1823). — *Zwingeria orinocensis* (Kunth) Spreng., *Syst. Veg. [Sprengel]* 2: 319 [Jan.-May 1825] (Sprengel 1825). — *Quassia orinocensis* (Kunth) D.Dietr., *Syn. Pl. [D. Dietrich]* 2: 1416 [1-20 Dec. 1840] (Dietrich 1840). — *Aruba orinocensis* (Kunth) Kuntze, *Revis. Gen. Pl.* 1: 103 [5 Nov. 1891] (Kuntze 1891).

*Simaba multiflora* A.Juss., *Mém. Mus. Hist. Nat.* 12: t. 27, f. 45a (Jussieu 1825). — *Quassia multiflora* (A.Juss.) Noot., *Blumea* 11: 522 [15 Dec. 1962] (Nooteboom 1962).

*Simaba foetida* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 370 (Bentham 1851).

*Simaba angustifolia* Benth., *Hooker's J. Bot. Kew Gard. Misc.* 3: 371 (Bentham 1851).

*Simaba crustacea* Engl., *Fl. Bras. [Martius]* 12 (2): 211 [1 Sep. 1874] (Engler 1874). — *Aruba crustacea* (Engl.) Kuntze, *Revis. Gen. Pl.* 1: 103 [5 Nov. 1891] (Kuntze 1891). — *Quassia crustacea* (Engl.) Noot., *Blumea* 11: 522 [15 Dec. 1962] (Nooteboom 1962).

*Simaba alata* Maguire, *Bull. Torrey Bot. Club* 75 (4): 397 [Jul.-Aug. 1948] (Maguire 1948).

VERNACULAR NAMES. — Pa: kwepan, kwepan-wašiuunu • Ka: kuyali, pakoweni • Wp: paku akayu, sokolo • Wn: kanapali • Nt: kananbuli • Cr: kananbouli • Br: cajurana, papacuaió.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *P. Grenand 1291*.

SIZE. — Up to 20 cm dbh (Cavalcante 1983).

[1713] *Simaba polyphylla* (Cavalcante) W.W.Thomas

*Acta Amazonica* 15 (1-2, Suppl.): 76 [“1985” publ. 1987] (Thomas 1987). — *Simaba guianensis* subsp. *polyphylla* Cavalcante, *Publ. Avulsas Mus. Paraense Emilio Goeldi* 37: 40 (Cavalcante 1983).

VERNACULAR NAMES. — Pa: timaa-avain • Br: marupazinho.

HERBARIUM DATA (FG). — 19 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2788*.

INVENTORY DATA (FG). — 57 trees in 40 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 41.4$  cm.

Genus *Simarouba* Aubl.

[1714] *Simarouba amara* Aubl.

*Hist. Pl. Guiane* 2: 860 [Jun.-Dec. 1775] (Aublet 1775).

*Quassia dioica* P.J.Bergius, *Mater. Med.*: 355 (Bergius 1778).

*Quassia simaruba* L.f., *Suppl. Pl.*: 234 [“1781” publ. Apr. 1782] (Linnaeus 1782).

*Quassia officinalis* Rich., *Actes Soc. Hist. Nat. Paris* 1: 108 [Oct. 1792] (Richard 1792).

*Simarouba glauca* DC., *Ann. Mus. Natl. Hist. Nat.* 17: 424 (Candolle 1811), “*Simaruba*”. — *Quassia glauca* (DC.) Spreng., *Syst. Veg. [Sprengel]* 2: 319 [Jan.-May 1825] (Sprengel 1825).

*Quassia alatifolia* Stokes, *Bot. Mat. Med.* 2: 491 (Stokes 1812).

*Simarouba amara* var. *opaca* Engl., *Nat. Pflanzenfam. [Engler & Prantl]* 3 (4): 213 (Engler 1896). — *Simarouba opaca* (Engl.) Radlk. ex F.Boas, *Beih. Bot. Centralbl.* 29 (1): 332 (Boas 1913).

*Simarouba amara* var. *typica* Cronquist, *Bull. Torrey Bot. Club* 71 (3): 229 [May 1944] (Cronquist 1944), *nom. inval.* (Turland *et al.* 2018: Art. 24.3).

*Simarouba glauca* var. *latifolia* Cronquist, *Bull. Torrey Bot. Club* 71 (3): 231 [May 1944] (Cronquist 1944).

*Simarouba glauca* var. *typica* Cronquist, *Bull. Torrey Bot. Club* 71 (3): 231 [May 1944] (Cronquist 1944), *nom. inval.* (Turland *et al.* 2018): Art. 24.3).

*Simarouba amara* var. *puberula* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 8 (32): 466 [June 1952] (Cuatrecasas 1952).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: timaa-avain • Ka: šimaluba, simalupa, sumaliba • Wp: iwē'i • Wn: pēunpē • Nt: sumaypa • Cr: akajou-blán, simarouba • Fr: simarouba • Br: marupa, paraiba.

HERBARIUM DATA (FG). — 61 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material not traced); *R.A.A. Oldeman B-1925* (P).

INVENTORY DATA (FG). — 77 trees in 62 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 90$  cm.

Family SIPARUNACEAE Schodde  
Genus *Siparuna* Aubl.

[1715] *Siparuna cristata* (Poepp. & Endl.) A.DC.

*Prodr. [A. P. de Candolle]* 16 (2): 655 [mid July 1868] (Candolle 1868). — *Citrosma cristata* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 47 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838), “*cristatum*”.

*Siparuna cristata* var. *macrophylla* A.DC., *Prodr. [A. P. de Candolle]* 16 (2): 655 [mid July 1868] (Candolle 1868).

*Siparuna cristata* var. *petiolaris* A.DC., *Prodr. [A. P. de Candolle]* 16 (2): 655 [mid July 1868] (Candolle 1868).

*Siparuna williamsii* J.F.Macbr., *Candollea* 5: 353 (Macbride 1934).

*Siparuna monogyna* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 133 (Jangoux 1991).

*Siparuna obconica* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 135 (Jangoux 1991).

VERNACULAR NAMES. — Pa: yahiwe-mna-kamwi, yariwapna-kamwi • Wp: mila suku, wila suku.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: *J. Martin s.n.* (holotype of *Siparuna cristata* var. *petiolaris*: P[P016912]).

INVENTORY DATA (FG). — 31 trees in 13 plots;  $F_{\max} = 1.3\%$ ;  $dbh_{\text{inv}} = 19.4$  cm.

[1716] *Siparuna cuspidata* (Tul.) A.DC.

*Prodr. [A. P. de Candolle]* 16 (2.2): 655 [mid July 1868] (Candolle 1868). — *Citrosma cuspidata* Tul., *Ann. Sci. Nat., Bot.* sér. 4, 3: 40 [May 1855] (Tulasne 1855), “*Citriosma*”.

*Citrosma myristicoidea* Spruce, *J. Proc. Linn. Soc., Bot.* 5: 5 [“1861” publ. June 1860] (Spruce 1860). — *Siparuna crassiflora* Perkins, *Bot. Jahrb. Syst.* 28 (5): 702 [11 Jan. 1901] (Perkins 1901), *nom. illeg. superfl.* (based on the type of *Citrosma myristicoidea*).

*Siparuna argyrochrysea* Perkins, *Bot. Jahrb. Syst.* 28 (5): 702 [11 Jan. 1901] (Perkins 1901).

*Siparuna lepidiflora* Perkins, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 166 [20 Dec. 1927] (Perkins 1927).

*Siparuna ucayaliensis* Perkins, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 167 [20 Dec. 1927] (Perkins 1927).

HERBARIUM DATA (FG). — 80 collections at CAY. Sel. exs.: *E.M. Mélinon s.n.* (original material of *Siparuna argyrochrysea*: holo-, B (not seen, photo F neg 13478, fragm. GH[GH00046549]); possible iso-, P[P00053272, P00053273, P00053274]).

INVENTORY DATA (FG). — 36 trees in 19 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 18.8$  cm.

[1717] *Siparuna decipiens* (Tul.) A.DC.

*Prodr. [A. P. de Candolle]* 16 (2): 643 [mid July 1868] (Candolle 1868). — *Citrosma decipiens* Tul., *Arch. Mus. Hist. Nat.* 8: 368 (Tulasne 1855), “*Citriosma*”.

*Conuleum guyannense* Rich. ex A.Rich., *Mém. Soc. Hist. Nat. Paris*, sér. 2, 1: 391 (Richard 1823).

*Siparuna lepidantha* Perkins, *Bot. Jahrb. Syst.* 28 (5): 701 [11 Jan. 1901] (Perkins 1901).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: á-kamwi, kwatri-purubumna • Ka: piyawapan wewe • Wp: mila suku, wila suku • Wn: awalepokan • Nt: faya pao • Br: amarelinho, quariquara-branca.

HERBARIUM DATA (FG). — 122 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material K[K000587966], MEL[MEL2384184], P[P016899, P00053052, P00053053], S[S-R-7098]).

INVENTORY DATA (FG). — 329 trees in 125 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 73.5$  cm.

[1718] *Siparuna guianensis* Aubl.  
(Fig. 56B)

*Hist. Pl. Guiane* 2: 865 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Citrosma guianensis* (Aubl.) Tul., *Arch. Mus. Hist. Nat.* 8: 361 (Tulasne 1855), “*Citriosma*”.

*Citrosma discolor* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 47 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838). — *Siparuna discolor* (Poepp. & Endl.) A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 656 [mid July 1868] (Candolle 1868).

*Citrosma camporum* Tul., *Ann. Sci. Nat., Bot.* sér. 4, 3: 39 [May 1855] (Tulasne 1855), “*Citriosma*”. — *Siparuna camporum* (Tul.)

A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 654 [mid July 1868] (Candolle 1868).

*Citrosma guianensis* var. *divergentifolia* Tul., *Arch. Mus. Hist. Nat.* 8: 362 (Tulasne 1855), “*Citriosma*”. — *Siparuna guianensis* var. *divergentifolia* (Tul.) A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 654 [mid July 1868] (Candolle 1868).

*Citrosma guianensis* var. *nuda* Tul., *Arch. Mus. Hist. Nat.* 8: 362 (Tulasne 1855), “*Citriosma*”.

*Siparuna panamensis* A.DC., *J. Bot.* 3: 219 (Candolle 1865).

*Siparuna guianensis* var. *glabrescens* A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 654 [mid July 1868] (Candolle 1868), *nom. illeg. superfl.* (one of the syntypes is also a syntype of *S. guianensis* var. *nuda*).

*Siparuna guianensis* var. *longifolia* A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 654 [mid July 1868] (Candolle 1868).

*Siparuna foetida* Barb.Rodr., *Vellosia*, ed. 2, 1: 68 (Barbosa Rodrigues 1891).

*Siparuna guianensis* var. *nitens* Kuntze, *Revis. Gen. Pl.* 3 (3): 276 [28 Sep. 1898] (Kuntze 1898).

*Siparuna archeri* A.C.Sm., *Bull. Torrey Bot. Club* 59 (9): 517 [Dec. 1932] (Smith 1932).

*Siparuna arianeae* V.Pereira, *Bradea* 4 (36): 291 (Pereira 1986).

*Siparuna cavalcantei* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 120 (Jangoux 1991).

*Siparuna duckeana* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 125 (Jangoux 1991).

*Siparuna itacaiunensis* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 129 (Jangoux 1991).

*Siparuna savanicola* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 144 (Jangoux 1991).

VERNACULAR NAMES. — Pa: yahiwe-mna, yariwapna • Ka: idyakopi, ilakopi, yalakopi • Te: dzawat möböha • Wp: enēmi’o, nēmi’o, wainimi’o • Wn: jalékë, jawilékë • Nt: kapasí wiwii • Cr: vénéré, viniré • Br: caá-pitiú.

HERBARIUM DATA (FG). — 140 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000611207]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 25$  cm.

[1719] *Siparuna pachyantha* A.C.Sm.

*J. Arnold Arbor.* 20 (3): 293 [19 July 1939] (Smith 1939).

*Siparuna emarginata* R.S.Cowan, *Brittonia* 8 (4): 237 [Jan. 1957] (Cowan 1957).

VERNACULAR NAMES. — Pa: avakni-avak, avatni-awak • Wp: a’i makule • Cr: féy-tabak • Br: caá-pitiú-de-folha-grande.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5552*.

INVENTORY DATA (FG). — 24 trees in 16 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 70$  cm.

[1720] *Siparuna poeppigii* (Tul.) A.DC.

*Prodr. [A. P. de Candolle]* 16 (2): 653 [mid July 1868] (Candolle 1868). — *Citrosma poeppigii* Tul., *Ann. Sci. Nat., Bot.* sér. 4, 3: 39 [May 1855] (Tulasne 1855), “*Citrosma*”.

*Tetratome lepidota* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 47 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838).

*Siparuna sprucei* A.DC., *J. Bot.* 3: 219 (Candolle 1865).

*Siparuna amazonica* Mart. ex A.DC., *Prodr. [A. P. de Candolle]* 16 (2.2): 653 [mid July 1868] (Candolle 1868).

*Siparuna espinhacensis* Jangoux, *Bol. Mus. Paraense Emilio Goeldi, N.S., Bot.* 7 (1): 127 (Jangoux 1991).

VERNACULAR NAMES. — Pa: yahiweṃna, yariwapna • Wp: enēmi’o, nēmi’o, wainimi’o • Cr: vénéré, viniré • Br: caá-pitiú.

HERBARIUM DATA (FG). — 71 collections at CAY. Sel. exs.: *R.A.A. Oldeman* 1916.

SIZE. — Up to 20 cm dbh (Renner & Hausner 2005).

#### Family SOLANACEAE Juss.

##### Genus *Solanum* L.

[1721] *Solanum crinitum* Lam.

*Tabl. Encycl.* 2[4 (1)]: 20 [21 Nov. 1796] (Lamarck 1796).

*Solanum formosum* Humb. & Bonpl. ex Dunal, *Solan. Syn.*: 35 [Oct. 1816] (Dunal 1816).

*Solanum jubatum* Willd., *Syst. Veg. [Roemer & Schultes]* 4: 669 [Mar.-June 1819] (Willdenow 1819). — *Solanum cyananthum* var. *jubatum* (Willd.) Dunal, *Prodr. [A. P. de Candolle]* 13 (1): 316 [10 May 1852] (Dunal 1852).

*Solanum cyananthum* Dunal, *Prodr. [A. P. de Candolle]* 13 (1): 316 [10 May 1852] (Dunal 1852).

NOTE. — *Solanum jubatum* Willd. is to be ascribed to Willdenow alone (Turland *et al.* 2018: Art. 46.3, Ex. 15; see also IPNI, 2020 and Taylor & Gereau, 2019).

VERNACULAR NAMES. — Pa: puduku • Ka: kwasisi, kwašiši, pal-emulu, poto: no palemulu • Wp: yū āšiši • Nt: mantuga maka • Cr: ponm-sousouri, tonmat-sousouri • Br: jurubeba.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *P. Grenand* 15.

SIZE. — Colombia, Nariño. *M.I. Barreto* 141 (MO), 14 m × 30 cm.

[1722] *Solanum endopogon* (Bitter) Bohs  
subsp. *guianense* (Bohs) Bohs

*J. Bot. Res. Inst. Texas* 3 (2): 509 [25 Nov. 2009] (Bohs 2009). — *Cyphomandra endopogon* Bitter subsp. *guianensis* Bohs, *Fl. Neotrop. Monogr.* 63: 90 [5 July 1994] (Bohs 1994).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: awala kāsī, uluwu kāsī • Cr: mavévé-chien • Br: pau-mirim.

HERBARIUM DATA (FG). — 25 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 14709 (holo-, F[V0072836F]); iso-, CAY[CAY070876], NY[00721521]; *S.A. Mori et al.* 15028, 15 m × 20 cm.

[1723] *Solanum splendens* (Dunal) Bohs  
(Fig. 56C)

*Monogr. Syst. Bot. Missouri Bot. Gard.* 131: 320 (Bohs 2015). — *Cyphomandra splendens* Dunal, *Prodr. [A. P. de Candolle]* 13 (1): 395 (Dunal 1852).

*Pionandra hartwegii* Miers, *London J. Bot.* 4: 363 (Miers 1845). — *Cyphomandra hartwegii* (Miers) Sendtn. ex Walp., *Repert. Bot. Syst. [Walpers]* 6 (4): 579 [19-22 May 1847] (Walpers 1847).

*Cyphomandra artocarpophyllos* H.J.P. Winkl., *Repert. Spec. Nov. Regni Veg.* 7: 246 (Winkler 1909).

*Cyphomandra mollicella* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 322 [24 Oct. 1929] (Standley 1929).

*Solanum circinatum* Bohs, *Taxon* 44 (4): 585 [Nov. 1995] (Bohs 1995).

VERNACULAR NAMES. — Pa: isuu-aveya, isuu-vey • Wp: awala kāsī, uluwu kāsī • Cr: mavévé-chien.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *M.-F. Prévost & C. Feuillet* 3964.

SIZE. — Up to 12 m tall (Bohs 1994).

#### Family STEMONURACEAE Kårehed

##### Genus *Discophora* Miers

[1724] *Discophora guianensis* Miers  
(Fig. 56D)

*Ann. Mag. Nat. Hist.*, ser. 2, 10 (56): 119 [Aug. 1852] (Miers 1852). — *Kummeria brasiliensis* Mart. ex Engl., *Fl. Bras. [Martius]* 12 (2): 52 [1 Dec. 1872] (Engler 1872), *nom. illeg. superfl.* (based on *Discophora guianensis*).

*Lasianthera amazonica* Barb. Rodr., *Vellozia*, ed. 2, 1: 12 (Barbosa Rodrigues 1891).

*Discophora panamensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 222 [24 Oct. 1929] (Standley 1929).

*Discophora froesii* Pires, *Bol. Técn. Inst. Agron. N.* 38: 28 (Pires 1960).

VERNACULAR NAMES. — Pa: kanegma • Wp: inámu sī, inámušī wila, mulei sī, yawasi pita • Nt: boni udu • Cr: bwa-léchèl • Br: caferana, ivaí, pombinho.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *B. Riéra & D. Sabatier* 1808.

INVENTORY DATA (FG). — 37 trees in 25 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 15.5$  cm.

Family STYRACACEAE DC. & Spreng.  
Genus *Styrax* L.

[1725] *Styrax glabratus* Schott

*Syst. Veg. [Sprengel]* 4 (2): 406 [Jan.-June 1827] (Schott 1827). — *Strigilia glabrata* (Schott) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 283 [Apr. 1859] (Miers 1859).

*Epigenia integerrima* Vell., *Fl. Flumin.*: 183 [“1825” publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).

*Styrax erymophyllus* Pohl, *Pl. Bras. Icon. Descr.* 2 (2): 57 [Sep. 1830] (Pohl 1830).

*Styrax psilophyllus* A.DC., *Prodr. [A. P. de Candolle]* 8: 266 [mid Mar. 1844] (Candolle 1844), “*psilophyllum*”. — *Strigilia psilophylla* (A.DC.) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 283 [Apr. 1859] (Miers 1859).

*Styrax leiophyllus* Miers, *Veg. Kingd.*, ed. 3: 593a (Miers 1853), “*leiophyllum*”. — *Strigilia leiophylla* (Miers) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 283 [Apr. 1859] (Miers 1859).

*Styrax lauraceus* Perkins, *Bot. Jahrb. Syst.* 31 (3): 478 [10 Dec. 1901] (Perkins 1901).

*Styrax squamulosus* M.F.Silva, *Acta Amazonica* 1 (1): 23 (Silva 1971), “*squamulosa*”.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *Service Forestier 7445*.

INVENTORY DATA (FG). — 1 tree, dbh = 15 cm.

[1726] *Styrax guyanensis* A.DC.

*Prodr. [A. P. de Candolle]* 8: 261 [mid Mar. 1844] (Candolle 1844), “*Guyanense*”. — *Strigilia guyanensis* (A.DC.) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 282 [Apr. 1859] (Miers 1859), “*Guayanensis*”.

*Styrax guyanensis* var. *japurensis* Seub., *Fl. Bras. [Martius]* 7: 188 [1 Aug. 1868] (Seubert 1868), “*guyanense*”, “*japurensis*”.

*Styrax tessmannii* Perkins, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 459 [1 Dec. 1928] (Perkins 1928).

*Styrax longifolius* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (3): 166 (Standley 1940).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 962*.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 17.8$  cm.

[1727] *Styrax macrophyllus* Schott ex Pohl

*Pl. Bras. Icon. Descr.* 2 (2): 61 [Sep. 1830] (Pohl 1830). — *Strigilia macrophylla* (Schott ex Pohl) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 283 [Apr. 1859] (Miers 1859).

*Styrax heteroclitus* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (5.1): 230 (Macbride 1959).

VERNACULAR NAMES. — Pa: suwimba-ahavukune.

HERBARIUM DATA (FG). — a single specimen, *P. Grenand 1933*.

SIZE. — Suriname. *R.S. Cowan & T.R. Soderstrom 1973* (MO), dbh 10 cm.

[1728] *Styrax pallidus* A.DC.  
(Fig. 57A)

*Prodr. [A. P. de Candolle]* 8: 261 [mid Mar. 1844] (Candolle 1844), “*pallidum*”. — *Strigilia pallida* (A.DC.) Miers, *Ann. Mag. Nat. Hist.*, ser. 3, 3 (16): 282 [Apr. 1859] (Miers 1859).

VERNACULAR NAMES. — Wp: suluku’a.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *FM.R. Leprieur 272* (holo-, G-DC[G00142381]; iso-, B[not seen, photo neg. F[F0BN00431], US[00112566]; possible iso-, F[V0076078E, V0076079F]).

INVENTORY DATA (FG). — 10 trees in 9 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[1729] *Styrax sieberi* Perkins

*Pflanzenr. [Engler]* IV.241 (Heft 30): 44 [3 Sep. 1907] (Perkins 1907).

*Styrax burchellii* Perkins, *Pflanzenr. [Engler]* IV.241 (Heft 30): 46 [3 Sep. 1907] (Perkins 1907).

*Styrax pearcei* Perkins, *Pflanzenr. [Engler]* IV.241 (Heft 30): 46 [3 Sep. 1907] (Perkins 1907).

*Styrax pearcei* var. *bolivianus* Perkins, *Pflanzenr. [Engler]* IV.241 (Heft 30): 46 [3 Sep. 1907] (Perkins 1907).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *S.A. Mori et al. 22781*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

Family SYMPLOCACEAE Desf.  
Genus *Symplocos* Jacq.

[1730] *Symplocos guianensis* (Aubl.) Gürke

*Nat. Pflanzenfam. [Engler & Prantl]* 4 (1): 172 (Gürke 1891), “*guyanensis*”. — *Ciponima guianensis* Aubl., *Hist. Pl. Guiane* 1: 566 [Jun.-Dec. 1775] (Aublet 1775). — *Symplocos ciponima* L’Hér., *Trans. Linn. Soc. London* 1: 175 [13 Aug. 1791] (L’Héritier 1791), *nom. illeg. superfl.* (based on *Ciponima guianensis*). — *Ciponima scabridula* Miers, *J. Linn. Soc., Bot.* 17: 288 [“1880” publ. May 1879] (Miers 1879). — *Eugeniodes guianense* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 975 [5 Nov. 1891] (Kuntze 1891).

*Symplocos paraensis* Endl. ex Miq., *Fl. Bras. [Martius]* 7: 24 [15 Mar. 1856] (Miquel 1856), “*paraënsis*”, *nom. nud. pro syn.* — *Symplocos guianensis* var. *paraensis* Brand, *Pflanzenr. [Engler]* IV.242 (Heft 6): 84 [3 Sep. 1907] (Brand 1901), “*paraënsis*”.

*Eugeniodes paraense* Kuntze, *Revis. Gen. Pl.* 2: 975 [5 Nov. 1891] (Kuntze 1891).

VERNACULAR NAMES. — Pa: waravru-puvemna • Ka: alilime’i.



HERBARIUM DATA (FG). — 40 collections at CAY. Sel. exs.: *Y. Caraglio 802*.

SIZE. — Brazil, Pará. *T.C. Plowman et al. 8668* (MO), 8 m × 10 cm.

[1731] *Symplocos martinicensis* Jacq.  
(Fig. 57B)

*Enum. Syst. Pl.*: 5 [Aug.-Sep. 1760] (Jacquin 1760). — *Eugeniodes martinicense* (Jacq.) Kuntze, *Revis. Gen. Pl.* 2: 975 [5 Nov. 1891] (Kuntze 1891).

*Eugeniodes martinicense* var. *paraguayense* Kuntze, *Revis. Gen. Pl.* 3 (2): 196 [28 Sep. 1898] (Kuntze 1898).

VERNACULAR NAMES. — Wp: mulei, mulei pilá, mulei sōwĩ • Br: pau-ferro.

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: *D. Sabatier 1051*.

INVENTORY DATA (FG). — 17 trees in 12 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 29.9$  cm.

Family THEACEAE Mirb.  
Genus *Gordonia* J.Ellis

[1732] *Gordonia fruticosa* (Schrad.) H.Keng  
(Fig. 57C)

*Gard. Bull. Singapore* 33 (2): 310 [1 Jan. 1980] (Keng 1980). — *Wikstroemia fruticosa* Schrad., *Gött. Gel. Anz.* 2: 711 [5 May 1821] (Schrad 1821), “*fruticosa*”. — *Lindleya semiserrata* Nees, *Flora* 4 (1): 328 [21 May 1821] (Nees 1821), *nom. illeg. superfl.* (based on *Wikstroemia fruticosa*). — *Haemocharis semiserrata* Mart., *Nova genera et species plantarum [Martius]* 1 (4): 107 [“1824” publ. Jan.-Mar. 1826] (Martius 1826), *nom. illeg. superfl.* (based on *Wikstroemia fruticosa*). — *Gordonia semiserrata* Spreng., *Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 260, 408 [Jan.-June 1827] (Sprengel 1827), *nom. illeg. superfl.* (based on *Wikstroemia fruticosa* and *Haemocharis semiserrata*). — *Laplacea semiserrata* Cambess., *Fl. Bras. Merid. [A. St.-Hil.]* (quarto ed.) 1 (8): 300 [28 June 1828] (Cambessèdes 1828), *nom. illeg. superfl.* (based on *Haemocharis semiserrata*, thus indirectly on *Wikstroemia fruticosa*). — *Laplacea fruticosa* (Schrad.) Kobuski, *J. Arnold Arbor.* 28 (4): 437 [15 Oct. 1947] (Kobuski 1947).

*Laplacea speciosa* Kunth, *Nova genera et species plantarum [H.B.K.]* 5: 209 [25 Feb. 1822] (Kunth 1822).

*Laplacea parviflora* Spix & Mart., *Reise Bras. [Spix & Mart.]* 1: 207 [Nov. 1823] (Spix & Martius 1823), *nom. nud.*

*Laplacea praemorsa* Splitg., *Tijdschr. Nat. Geschied. Physiol.* 9: 100 [Aug.-Sep. 1842] (Splitgerber 1842). — *Haemocharis praemorsa* (Splitg.) Kuntze, *Revis. Gen. Pl.* 1: 62 [5 Nov. 1891] (Kuntze 1891).

*Laplacea intermedia* Benth., *Pl. Hartw. [Bentham]* 126 [late Dec. 1843-early Jan. 1844] (Bentham 1843). — *Haemocharis intermedia* (Benth.) Choisy, *Mém. Soc. Phys. Genève* 14 (1): 144 (Choisy 1855). — *Wikstroemia intermedia* (Benth.) S.F.Blake, *Contr. Gray Herb.* 53: 40 [26 Feb. 1918] (Blake 1918). — *Laplacea speciosa* var. *intermedia* (Benth.) Kobuski, *J. Arnold Arbor.* 31 (4): 421 [15 Oct. 1950] (Kobuski 1950).

*Laplacea quinoderma* Wedd., *Hist. Nat. Quinquinas* 33 (Weddell 1849).

*Laplacea camellioides* Sond., *Linnaea* 22: 549 (Sonder 1849). — *Haemocharis camellioides* (Sond.) Kuntze, *Revis. Gen. Pl.* 1: 62 [5 Nov. 1891] (Kuntze 1891), “*camellioides*”.

*Haemocharis parviflora* Choisy, *Mém. Soc. Phys. Genève* 14 (1): 144 (Choisy 1855). — *Wikstroemia parviflora* (Choisy) S.F.Blake, *Contr. Gray Herb.* 53: 40 [26 Feb. 1918] (Blake 1918).

*Laplacea pubescens* Planch. & Linden ex Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 4, 18: 269 (Triana & Planchon 1862). — *Haemocharis pubescens* (Planch. & Linden ex Triana & Planch.) Hieron., *Bot. Jahrb. Syst.* 20 (3, Beibl. 49): 48 [9 Apr. 1895] (Hieronymus 1895).

*Laplacea symplocoides* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 4, 18: 269 (Triana & Planchon 1862). — *Haemocharis symplocoides* (Triana & Planch.) Kuntze, *Revis. Gen. Pl.* 1: 62 [5 Nov. 1891] (Kuntze 1891), “*symplocodes*”. — *Wikstroemia symplocoides* (Triana & Planch.) S.F.Blake, *Contr. Gray Herb.* 53: 41 [26 Feb. 1918] (Blake 1918). — *Laplacea fruticosa* var. *symplocoides* (Triana & Planch.) Kobuski, *J. Arnold Arbor.* 31 (4): 414 [15 Oct. 1950] (Kobuski 1950).

*Laplacea camelliifolia* Triana & Planch., *Ann. Sci. Nat., Bot.* sér. 4, 18: 270 (Triana & Planchon 1862), “*camelliaefolia*”. — *Wikstroemia camelliifolia* (Triana & Planch.) S.F.Blake, *Contr. Gray Herb.* 53: 39 [26 Feb. 1918] (Blake 1918), “*camelliaefolia*”. — *Laplacea pubescens* var. *camelliifolia* (Triana & Planch.) Kobuski, *J. Arnold Arbor.* 31 (4): 427 [15 Oct. 1950] (Kobuski 1950), “*camelliaefolia*”.

*Haemocharis caracasana* Linden & Planch., *Pl. Columb.* [Linden] 1: 59 [“1863” publ. 1874-1875] (Linden & Planchon 1874-1875).

*Laplacea caracasana* Klotzsch & H.Karst. ex Wawra, *Fl. Bras. [Martius]* 12 (1): 289 [1 Apr. 1886] (Wawra 1886), *nom. nud. pro syn.*

*Laplacea pulcherrima* Melch., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 136 (Melchior 1925). — *Laplacea fruticosa* var. *pulcherrima* (Melch.) Kobuski, *J. Arnold Arbor.* 31 (4): 414 [15 Oct. 1950] (Kobuski 1950).

*Laplacea raimondiana* Melch., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 136 (Melchior 1925).

*Laplacea pubescens* var. *subcaudata* Kobuski, *J. Arnold Arbor.* 31 (4): 427 [15 Oct. 1950] (Kobuski 1950).

*Gordonia humboldtii* H.Keng, *Gard. Bull. Singapore* 33 (2): 310 [1 Jan. 1980] (Keng 1980).

*Gordonia planchonii* H.Keng, *Gard. Bull. Singapore* 33 (2): 310 [1 Jan. 1980] (Keng 1980).

*Laplacea fruticosa* var. *chimantae* Steyerl., *Ann. Missouri Bot. Gard.* 74 (3): 650 (Steyermark 1987).

*Laplacea pubescens* var. *minor* Steyerl., *Ann. Missouri Bot. Gard.* 74 (3): 652 (Steyermark 1987).

VERNACULAR NAMES. — Wp: pasi'i wapo sili.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *V. Hequet 3003*.

SIZE. — Brazil, Pará. *A.S. Tavares 289* (MO), 30 m.

Family ULMACEAE Mirb.  
Genus *Ampelocera* Klotzsch

[1733] *Ampelocera edentula* Kuhlmann  
(Fig. 57D)

*Anais Reunião Sul-Amer. Bot.* 3: 75 [“1938” publ. 1940] (Kuhlmann 1940).

*Ampelocera latifolia* Ducke, *Trop. Woods* 76: 15 (Ducke 1943).

VERNACULAR NAMES. — Ka: watoipyo, watoyati • Wp: ināmu sī, ināmusī wila • Br: cafezinho, paracanaúba.

HERBARIUM DATA (FG). — 18 collections at CAY. Sel. exs.: S.A. Mori et al. 15115.

INVENTORY DATA (FG). — 41 trees in 27 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 47.1$  cm.

Family URTICACEAE Juss.  
Genus *Cecropia* Loeffl.

[1734] *Cecropia distachya* Huber

*Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 65 (Huber 1910).

*Cecropia riparia* Warb. ex Snethl., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 363 [30 June 1915] (Snethlage 1923).

*Cecropia richardii* Cuatrecasas, *Revista Acad. Colomb. Ci. Exact.* 9 (36/37): 336 [May 1956] (Cuatrecasas 1956).

HERBARIUM DATA (FG). — 14 collections at CAY. Sel. exs.: D. Sabatier et al. 5805.

INVENTORY DATA (FG). — 1 tree,  $dbh = 23.6$  cm.

[1735] *Cecropia granvilleana* C.C. Berg  
(Fig. 58A)

*Bull. Mus. Natl. Hist. Nat., B, Adansonia* 7 (3): 255 [“1985” publ. 1986] (Berg 1986).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: J.-J. de Granville et al. 6000 (holo-, U[U0004467]; iso-, BR[BR0000005296460], CAY[CAY010617], G[G00438028], NY[00284199], P[P00077213]); D. Sabatier & J.-F. Molino 5016,  $dbh = 27$  cm.

[1736] *Cecropia latiloba* Miq.

*Fl. Bras. [Martius]* 4 (1): 147 [1 Dec. 1853] (Miquel 1853). — *Ambaiba latiloba* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia paraensis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 64 (Huber 1910).

*Cecropia orinocensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 22 (1): 14 (Standley 1940).

VERNACULAR NAMES. — Te: kulekule ilebe, kulekule ilupiwat • Br: imbaúba-branca, imbaúba-da-várzea.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: M.-F. Prévost 1693.

INVENTORY DATA (FG). — 7 trees in 1 plot;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 36$  cm.

[1737] *Cecropia obtusa* Trécul

*Ann. Sci. Nat., Bot. sér.* 3, 8: 79 (Trécul 1847). — *Ambaiba obtusa* (Trécul) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891). — *Coilotopalus obtusa* (Trécul) M. Gómez, *Fl. Cuba [Gómez & Roig]* 12 (Gómez 1914).

*Cecropia lisboana* Snethl., *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 171 [30 Dec. 1924] (Snethlage 1924).

VERNACULAR NAMES. — Pa: tukuwi • Ka: tapilen salasala, tuleke, yalayala • Te: kule kule • Wp: ama'i • Wn: kulegli, kulekle • Nt: uman papay • Cr: bwa-kannon • Fr: bois canon • Br: embaúba, imbaúba.

HERBARIUM DATA (FG). — 82 collections at CAY. Sel. exs.: F.M.R. Leprieur 195 (lecto-, P[P00089163], designated by Berg [Berg & Dewolf 1975: 288]; isolecto-, F[V0053465F], P[P00089164]).

INVENTORY DATA (FG). — 187 trees in 107 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 48.5$  cm.

[1738] *Cecropia palmata* Willd.

*Sp. Pl.*, ed. 4 4 (2): 652 [Apr. 1806] (Willdenow 1806). — *Ambaiba palmata* (Willd.) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia bureauiana* V.A. Richt., *Biblioth. Bot.* 43: 19 (Richter 1897).

VERNACULAR NAMES. — Ka: yalayala • Br: imbaúba-vermelha, torém.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: E.M. Mélinon s.n. (holotype of *Cecropia bureauiana*: P[P00089172]; iso-, P[P00089173, P00089174, P00089175]).

SIZE. — Up to 20 m tall (Berg et al. 2005).

[1739] *Cecropia peltata* L.

*Syst. Nat.*, ed. 10, 2: 1286 [7 June 1759] (Linnaeus 1759). — *Ambaiba peltata* (L.) Kuntze, *Revis. Gen. Pl.* 2: 623 [5 Nov. 1891] (Kuntze 1891).

*Cecropia humboldtiana* Klotzsch, *Linnaea* 20: 530 [Oct. 1847] (Klotzsch 1847). — *Ambaiba humboldtiana* (Klotzsch) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia schiedeana* Klotzsch, *Linnaea* 20: 531 [Oct. 1847] (Klotzsch 1847). — *Ambaiba schiedeana* (Klotzsch) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia surinamensis* Miq., *Fl. Bras. [Martius]* 4 (1): 143 [1 Dec. 1853] (Miquel 1853). — *Ambaiba surinamensis* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia digitata* Ten. ex Miq. var. *grisea* Miq., *Fl. Bras. [Martius]* 4 (1): 149 [1 Dec. 1853] (Miquel 1853).



FIG. 56. — Simaroubaceae: **A**, *Homalolepis moretii* (Feuille) Devecchi & Pirani (*M.-F. Prévost & D. Sabatier* 2987). Siparunaceae: **B**, *Siparuna guianensis* Aubl. (*M.-F. Prévost* 4517). Solanaceae: **C**, *Solanum splendens* (Dunal) Bohs (*D. Sabatier* 5852). Stemonuraceae: **D**, *Discophora guianensis* Miers (*B. Riéra & D. Sabatier* 1808). © D. Sabatier/IRD.

*Cecropia propinqua* Miq., *Fl. Bras. [Martius]* 4 (1): 149 [1 Dec. 1853] (Miquel 1853).

*Cecropia scabrifolia* V.A.Richt., *Biblioth. Bot.* 43: 15 (Richter 1897).

*Cecropia dielsiana* Snethl., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 362 [30 June 1915] (Snethlage 1923), "*Dielsana*".

*Cecropia arachnoidea* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 226 [22 Sep. 1917] (Pittier 1917).

*Cecropia asperrima* Pittier, *Contr. U.S. Natl. Herb.* 18 (6): 227 [22 Sep. 1917] (Pittier 1917).

*Cecropia hondurensis* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 4 (8): 302 [24 Oct. 1929] (Standley 1929).

*Cecropia goodspeedii* Cuatrec., *Notas Fl. Colombia* 6: 41 [30 Mar. 1944] (Cuatrecasas 1944).

VERNACULAR NAMES. — Ka: salasala, tapilen salasala, tuleke • Cr: bwa-kannon • Br: embaúba, imbaúba.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *R.A.A. Oldeman T-737*.

SIZE. — Guyana. *M.J. Jansen-Jacobs et al.* 2658 (P), 10 m.

[1740] *Cecropia sciadophylla* Mart.

*Flora* 24 (2, Beibl.): 93 (Martius 1841). — *Ambaiba sciadophylla* (Mart.) Kuntze, *Revis. Gen. Pl.* 2: 624 [5 Nov. 1891] (Kuntze 1891).

*Cecropia juranyiana* V.A.Richt., *Biblioth. Bot.* 43: 13 (Richter 1897). — *Cecropia sciadophylla* var. *juranyiana* (V.A.Richt.) Snethl., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 358 [15 Apr. 1923] (Snethlage 1923).

*Cecropia sciadophylla* var. *decurrens* Snethl., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 358 [15 Apr. 1923] (Snethlage 1923).

*Cecropia sciadophylla* var. *guamuesensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 6 (22/23): 299 [Jan.-Aug. 1945] (Cuatrecasas 1945).

*Cecropia sciadophylla* var. *pedroa* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 6 (22/23): 299 [Jan.-Aug. 1945] (Cuatrecasas 1945).

*Cecropia sciadophylla* var. *subsessilis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 6 (22/23): 299 [Jan.-Aug. 1945] (Cuatrecasas 1945).

*Cecropia inchuensis* Cuatrec., *Revista Acad. Colomb. Ci. Exact.* 9 (36/37): 329 [May 1956] (Cuatrecasas 1956).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: tukuwi-awaig • Ka: tamunen salasala, tuleke, yalayala tupulu • Te: kule kule tapelelapöt • Wp: ama'i átá

• Wn: makamakalu • Nt: diya papay, man papay • Cr: mal-bwa-kannon • Fr: bois canon • Br: imbaúba-da-mata, imbaúba-vermelha.

HERBARIUM DATA (FG). — 43 collections at CAY. Sel. exs.: *P.A. Sagot 861*, 1855 (holotype of *Cecropia juranyiana*: P[P00089178]; isotype, P[P00089179]).

INVENTORY DATA (FG). — 44 trees in 27 plots;  $F_{\max} = 3.6\%$ ;  $dbh_{\text{inv}} = 50.9$  cm.

[1741] *Cecropia silvae* C.C.Berg  
(Fig. 58B)

*Acta Bot. Neerl.* 21: 695 (Berg 1972).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sibatier & J.-F. Molino 5137*, dbh 30.6 cm.

Genus *Coussapoa* Aubl.

[1742] *Coussapoa angustifolia* Aubl.

*Hist. Pl. Guiane* 2: 956 [Jun.-Dec. 1775] (Aublet 1775).

NOTE. — Known only from the Guiana Shield. The original material at BM is a leaf base on the same sheet as the original material of *Coussapoa latifolia* Aubl. and a barcode is attributed to each sample. *C. angustifolia* (BM000993415) is erroneously referenced in JSTOR's Global Plants under the *C. latifolia* (BM000993414) barcode.

VERNACULAR NAMES. — Wp: kwapo'i.

HERBARIUM DATA (FG). — 41 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993415]).

INVENTORY DATA (FG). — 18 trees in 4 plots;  $F_{\max} = 3.6\%$ ;  $dbh_{\text{inv}} = 30.6$  cm.

[1743] *Coussapoa asperifolia* Trécul

*Ann. Sci. Nat., Bot.* sér. 3, 8: 96 (Trécul 1847).

*Coussapoa ficina* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 161 (Standley 1937).

*Coussapoa cayennensis* A.D.Hawkes, *Phytologia* 3 (1): 30 [30 Aug. 1948] (Hawkes 1948).

VERNACULAR NAMES. — Pa: sawu-anen, wiiwis-kamwi • Ka: puluma • Wp: kalate to táláwáwá, kwapo'i kalate • Wn: okopiaphawin • Br: caimbérana.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *W.E. Broadway 880* (holotype of *Coussapoa cayennensis*: NY[00284221]; iso-, GH[GH00034414], US[00090305]).

INVENTORY DATA (FG). — 1 tree, dbh = 17.2 cm.

[1744] *Coussapoa ferruginea* Trécul

*Ann. Sci. Nat., Bot.* sér. 3, 8: 93 (Trécul 1847).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holo-, P[P00756698]; iso-, F[V0053601F], G[G00438122], GH[GH00034421], L[L0039918], P[P00756699, P00756700], R[R000056202], U[U0004507]).

SIZE. — Ecuador, Zamora-Chinchipe. *H. van der Werff et al. 19273* (MO), 25 m.

[1745] *Coussapoa latifolia* Aubl.

*Hist. Pl. Guiane* 2: 955 [Jun.-Dec. 1775] (Aublet 1775). — *Euosma latifolia* (Aubl.) Sterler, *Hort. Nymphenb.*: 46 (Sterler 1821), "*Evosma*".

*Coussapoa obovata* Miq., *Het Instituut* [2] 1842: 200 (Miquel 1843). — *Coussapoa latifolia* var. *obovata* (Miq.) Miq., *Fl. Bras. [Martius]* 4 (1): 135 [1 Dec. 1853] (Miquel 1853).

*Coussapoa froesii* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 162 (Standley 1937).

VERNACULAR NAMES. — Pa: kawukwine-awak • Wp: kwapo'i átá • Br: apuí-grande, muirapenima.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993414, see note under *C. angustifolia*]; *R.A.A. Oldeman B-1338*, 9.5 m × 23 cm.

[1746] *Coussapoa leprieurii* Benoist

*Bull. Mus. Natl. Hist. Nat.* 30: 103 (Benoist 1924).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holo-, P[P00757098]; iso-, P[P00757099]); *R.A.A. Oldeman B-1946*, dbh 25 cm.

[1747] *Coussapoa microcephala* Trécul

*Ann. Sci. Nat., Bot.* sér. 3, 8: 96 (Trécul 1847).

*Coussapoa fagifolia* Klotzsch, *Linnaea* 20: 528 [Oct. 1847] (Klotzsch 1847).

*Coussapoa cuneata* Miq., *Fl. Bras. [Martius]* 4 (1): 138 [1 Dec. 1853] (Miquel 1853).

HERBARIUM DATA (FG). — A single collection, *S.A. Mori et al. 8864*.

SIZE. — Suriname. *B. Maguire 24588* (MO), 15 m × 20 cm.

[1748] *Coussapoa parvifolia* Standl.

*Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 165 (Standley 1937).

*Coussapoa cornifolia* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 160 (Standley 1937). — *Coussapoa microcephala* subsp. *cornifolia* (Standl.) Akkermans & C.C.Berg, *Proc. Kon. Ned. Akad. Wetensch. C* 85 (4): 457 (Akkermans & Berg 1982).

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *S.A. Mori et al. 23682*.

SIZE. — Up to 20 m tall (Berg *et al.* 1990).

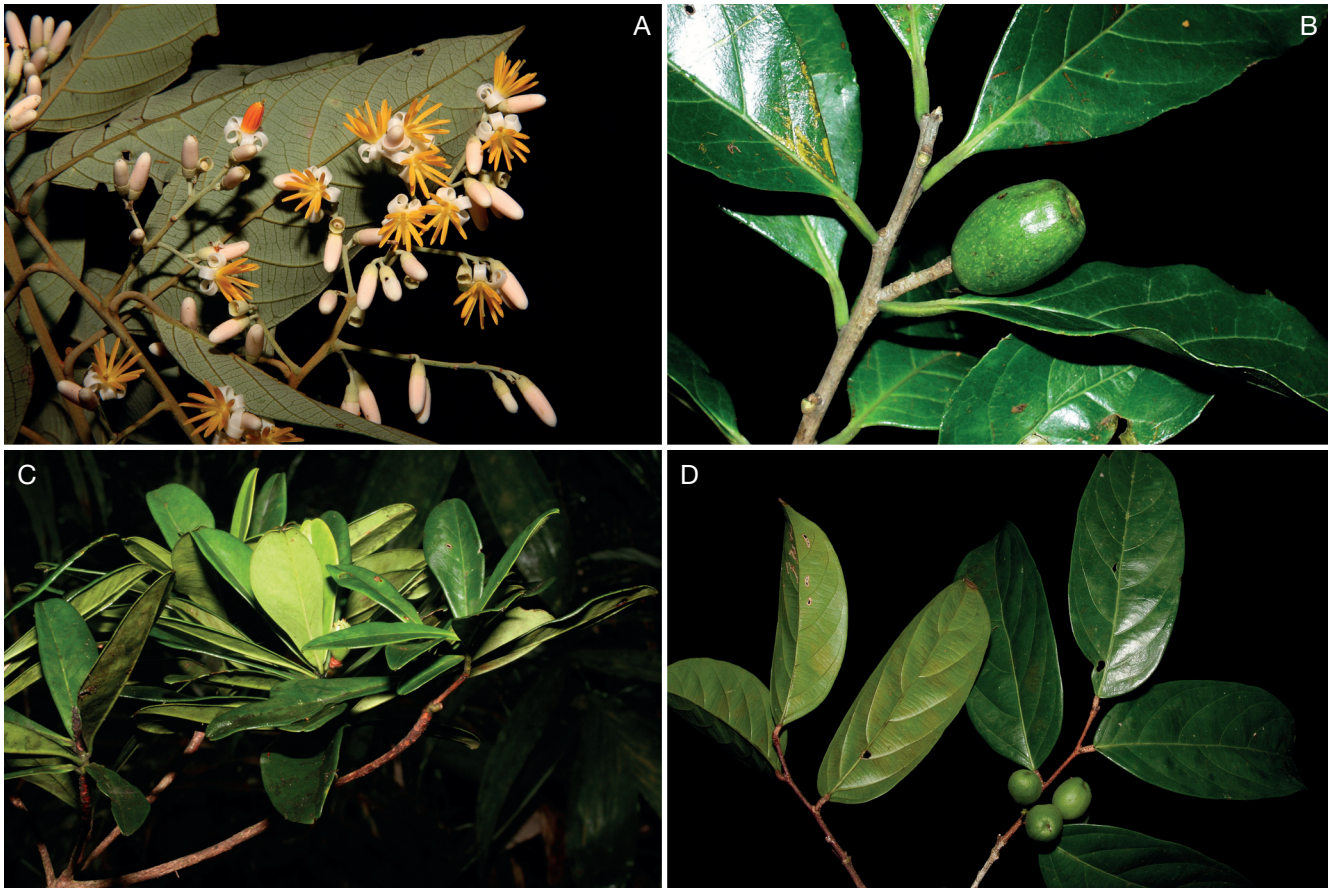


FIG. 57. — Styracaceae: **A**, *Styrax pallidus* A.DC. Symplocaceae: **B**, *Symplocos martinicensis* Jacq. Theaceae: **C**, *Gordonia fruticosa* (Schrad.) H.Keng. Ulmaceae: **D**, *Ampelocera edentula* Kuhl. (D. Sabatier & J.-F. Molino 5641). A, B, D, © D. Sabatier/IRD; C, © C. Girod.

Genus *Pourouma* Aubl.

[1749] *Pourouma bicolor* Mart. subsp. *bicolor*

*Syst. Mat. Med. Veg. Bras.* 34 (Martius 1843).

*Pourouma aspera* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 102 (Trécul 1847).

*Pourouma crassivenosa* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 419 [1 Dec. 1928] (Mildbraed 1928).

*Pourouma lawrancei* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 183 (Standley 1937).

*Pourouma schultesii* Cuatrec., *Caldasia* 7 (34): 303 (Cuatrecasas 1956).

*Pourouma camaratana* Cuatrec., *Acta Bot. Venez.* 2 (5-8): 202 (Cuatrecasas 1967).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Pa: kwem-purubumna • Wp: kulumá tololo • Wn: ulumapi • Nt: busi papay • Cr: mal-bwa-kannon • Fr: pourouma • Br: imbaúbarana.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *PA. Poiteau s.n.* (holotype of *Pourouma aspera*: P[P00757092]; iso-, K[K000512459], LE[LE00011416, LE00011417], P[P00757091]).

INVENTORY DATA (FG). — 63 trees in 41 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38$  cm.

[1750] *Pourouma bicolor* subsp. *digitata* (Trécul) C.C.Berg & Heusden

*Proc. Kon. Ned. Akad. Wetensch.* C 91 (2): 106 (Berg & Heusden 1988). — *Pourouma digitata* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 106 (Trécul 1847).

VERNACULAR NAMES. — Pa: kwem, kwem-purubumna • Wp: a'i lea, kulumá tololo • Cr: mal-bwa-kannon • Br: imbaúbarana, mapatirana.

HERBARIUM DATA (FG). — 31 collections at CAY. Sel. exs.: *PA. Poiteau s.n.* (lecto-, P[P00753657], designated by Berg & van Heusden [Berg *et al.* 1990: 137]; isolecto-, B[B100248462]).

INVENTORY DATA (FG). — 39 trees in 22 plots;  $F_{\max} = 1.2\%$ ;  $dbh_{\text{inv}} = 46.9$  cm.

[1751] *Pourouma guianensis* Aubl.

*Hist. Pl. Guiane* 2: 892 [Jun.-Dec. 1775] (Aublet 1775).

*Pourouma palmata* Poepp. & Endl., *Nova genera ac species plantarum [Poeppig & Endlicher]* 2: 29 [Jan.-Sep. 1838] (Poeppig & Endlicher 1838).

*Pourouma acutiflora* Trécul, *Ann. Sci. Nat., Bot.* sér. 3, 8: 105 (Trécul 1847).

*Pourouma cinerascens* Mart. ex Miq., *Fl. Bras. [Martius]* 4 (1): 125 [1 Dec. 1853] (Miquel 1853).

*Pourouma heterophylla* Mart. ex Miq., *Fl. Bras. [Martius]* 4 (1): 125 [1 Dec. 1853] (Miquel 1853).

*Pourouma fuliginea* Miq., *Fl. Bras. [Martius]* 4 (1): 129 [1 Dec. 1853] (Miquel 1853).

*Pourouma scabra* Rusby, *Bull. New York Bot. Gard.* 6 (22): 498 [30 Nov. 1910] (Rusby 1910).

*Pourouma radula* Benoist, *Bull. Mus. Natl. Hist. Nat.* 28: 320 (Benoist 1922).

*Pourouma subtriloba* Rusby, *Mem. New York Bot. Gard.* 7: 232 (Rusby 1927).

*Pourouma substrigosa* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 192 [20 Dec. 1927] (Mildbraed 1927).

*Pourouma mildbraediana* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 183 (Standley 1937).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: puluma, yalayala • Wp: kulumá kalate, kulumá sī • Cr: mal-bwa-kannon • Br: embaúba-bengué.

HERBARIUM DATA (FG). — 21 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000993430]).

INVENTORY DATA (FG). — 28 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 38.5$  cm.

[1752] *Pourouma melinonii* Benoist

*Bull. Mus. Natl. Hist. Nat.* 28: 318 (Benoist 1922).

*Pourouma apaporiensis* Cuatrec., *Caldasia* 7 (34): 297 (Cuatrecasas 1956).

*Pourouma apaporiensis* var. *macrophylla* Cuatrec., *Caldasia* 7 (34): 298 (Cuatrecasas 1956), “*fma. macrophylla* Cuatr., var. nov.”.

VERNACULAR NAMES. — Pa: kwem purubumna • Ka: puluma, yalayala • Te: pulumá • Wp: kule pi, kulumá tololo • Wn: ulumapi • Nt: busi papay • Cr: mal-bwa-kannon • Fr: pourouma • Br: imbaúba-da-mata, imbaúbarana, tararanga.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *P.A. Sagot 990*, Nov. 1856 (lecto-, P[P06855173], designated by Berg [Berg & Dewolf 1975: 274]; isolecto-, B[B100248451], K[K000512469]).

INVENTORY DATA (FG). — 147 trees in 63 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 50.3$  cm.

[1753] *Pourouma minor* Benoist

*Bull. Mus. Natl. Hist. Nat.* 30: 103 (Benoist 1924).

*Pourouma aurea* Mildbr., *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 418 [1 Dec. 1928] (Mildbraed 1928).

*Pourouma folleata* J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 8 (2): 114 (Macbride 1930).

*Pourouma isoplebia* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 182 (Standley 1937).

*Pourouma subplicata* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 184 (Standley 1937).

*Pourouma umbellata* Standl., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 17 (2): 185 (Standley 1937).

*Coussapoa emarginata* Killip ex J.F.Macbr., *Publ. Field Mus. Nat. Hist., Bot. Ser.* 13 (2.2): 296 [15 Mar. 1937] (Macbride 1937).

*Pourouma cuatrecasasii* Standl., *Revista Acad. Colomb. Ci. Exact.* 9 (36/37): 339 [May 1956] (Standley 1956).

*Pourouma umbellifera* W.C.Burger, *Phytologia* 26 (6): 430 [11 Oct. 1973] (Burger 1973).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). Benoist (1924: 104) cited three collections in the protologue of *P. minor*: *R. Benoist 960*, *R. Benoist 978*, and *Wachenheim, 3e série, 18*. Berg & van Heusden (1990: 186) cited for the type “*Benoist 960* (lectotype, P, chosen here)”; their lectotype corresponds to two specimens at P (P00756799 and P00756800). Both are labelled “*Pourouma minor* R. Ben.” by Benoist, but only one of them (P00756800) is labelled “Revised for *Flora Neotropica. Pourouma minor* Benoist. Lectotype” by Berg and van Heusden. It is therefore hereafter chosen as the lectotype.

VERNACULAR NAMES. — Pa: kwem-seinó, kwem-tino • Wp: kulumá sī • Cr: mal-bwa-kannon • Br: mapatirana, purumaí, tourém.

HERBARIUM DATA (FG). — 64 collections at CAY. Sel. exs.: *R. Benoist 960* (lecto-, P[P00756800, here designated; isolecto-, P[P00756799]).

INVENTORY DATA (FG). — 250 trees in 51 plots;  $F_{\max} = 4.9\%$ ;  $dbh_{\text{inv}} = 45$  cm.

[1754] *Pourouma mollis* Trécul

*Ann. Sci. Nat., Bot. sér.* 3, 8: 102 (Trécul 1847).

VERNACULAR NAMES. — Pa: kwem-duwó, kwem-puvemna • Wp: wilau piyü’á • Cr: mal-bwa-kannon • Br: tararanga-vermelha, uva-de-macaco.

HERBARIUM DATA (FG). — 29 collections at CAY. Sel. exs.: *F.M.R. Leprieur 141* (lecto-, P[P00757085], designated by Berg [Berg & Dewolf 1975: 272]; isolecto-, G[G00438436]).

INVENTORY DATA (FG). — 115 trees in 49 plots;  $F_{\max} = 1.5\%$ ;  $dbh_{\text{inv}} = 45.5$  cm.

[1755] *Pourouma saulensis* C.C.Berg & Kooy  
(Fig. 58C)

*Brittonia* 34 (1): 36 (Berg & Kooy 1982).

NOTE. — Known only from the Guiana Shield.

HERBARIUM DATA (FG). — 10 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-4132* (holo-, U[U0004771]; iso-, CAY[CAY010613], P[P00756778], VEN[VEN179488]).

INVENTORY DATA (FG). — 7 trees in 4 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 40.1$  cm.

[1756] *Pourouma tomentosa* Mart. ex Miq.  
subsp. *maroniensis* (Benoist) C.C.Berg & Heusden  
(Fig. 58D)

*Proc. Kon. Ned. Akad. Wetensch. C* 91 (2): 109 (Berg & Heusden 1988). — *Pourouma maroniensis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 28: 318 (Benoist 1922).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: ayiwilan, yalayala • Wp: a'i lea, kulumá pilá • Cr: mal-bwa-kannon • Br: imbaúba-do-vinho.

HERBARIUM DATA (FG). — 24 collections at CAY. Sel. exs.: *G. Wachenheim sér. 2, 392* (holo-, P[P06855698]; iso-, K[K000512468], P[P06855696, P06855697]).

INVENTORY DATA (FG). — 28 trees in 18 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 59.2$  cm.

[1757] *Pourouma velutina* Mart. ex Miq.

*Fl. Bras. [Martius]* 4 (1): 130 [1 Dec. 1853] (Miquel 1853).

*Pourouma steyermarkii* Standl. & Cuatrec., *Fieldiana, Bot.* 28 (1): 210 (Standley & Cuatrecasas 1951).

VERNACULAR NAMES. — Pa: kwem, kwem-duwó • Wp: wilau piyũã • Cr: mal-bwa-kannon • Br: mapatirana.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2189*.

INVENTORY DATA (FG). — 18 trees in 11 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 22$  cm.

[1758] *Pourouma villosa* Trécul

*Ann. Sci. Nat., Bot. sér. 3, 8:* 103 (Trécul 1847).

*Pourouma laevis* Benoist, *Bull. Mus. Natl. Hist. Nat.* 28: 319 (Benoist 1922).

VERNACULAR NAMES. — Pa: kwem • Wp: kulumá sî • Cr: mal-bwa-kannon • Br: purumá, tararanga.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *F.M.R. Leprieur s.n.* (holo-, P, not seen; iso-, G[G00438449], P[P00756786, P00756787]).

INVENTORY DATA (FG). — 87 trees in 50 plots;  $F_{\max} = 1.4\%$ ;  $dbh_{\text{inv}} = 66.8$  cm.

[1759] *Pourouma* sp. A

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-F. Molino & D. Sabatier 2337*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 17.6$  cm.

[1760] *Pourouma* sp. B

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier 4873*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 48.7$  cm.

Genus *Urera* Gaudich.

[1761] *Urera caracasana* (Jacq.) Gaudich. ex Griseb.

*Fl. Brit. W.I. [Grisebach]* 154 [June 1859] (Grisebach 1859). — *Urta caracasana* Jacq., *Pl. Rar. Hort. Schoenbr.* 3: 71 (Jacquin 1798). — *Urera jacquinii* Wedd., *Ann. Sci. Nat., Bot. sér. 3, 18:* 200 [Aug. 1852] (Weddell 1852), *nom. illeg. superfl.* (based on *Urta caracasana*).

*Urta acuminata* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 4: 226 [29 June 1816] (Poiret 1816). — *Urera acuminata* (Poir.) Gaudich. ex Decne., *Nouv. Ann. Mus. Hist. Nat.* 3: 490 (Decaisne 1834). — *Urera jacquinii* var. *miquelii* Wedd., *Arch. Mus. Hist. Nat.* 9: 145 (Weddell 1856), *nom. illeg. superfl.* (based on *Urera acuminata*). — *Urera caracasana* var. *miquelii* Wedd., *Prodr. [A. P. de Candolle]* 16 (1): 90 [mid Nov. 1869] (Weddell 1869), *nom. illeg. superfl.* (based on *Urera acuminata*).

*Urta alceifolia* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 4: 227 [29 June 1816] (Poiret 1816), “*alceafolia*”. — *Urera alceifolia* (Poir.) Gaudich., *Voy. Uranie, Bot.* 497 [“1826” publ. 6 Mar. 1830] (Gaudichaud 1830), “*alceafolia*”, *nom. inval.* (genus name and epithet not associated).

*Urta tiliifolia* Kunth, *Nova genera et species plantarum [H.B.K.] 2:* 42 [28 Apr. 1817] (Kunth 1817), “*tiliaefolia*”.

*Urta ulmifolia* Kunth, *Nova genera et species plantarum [H.B.K.] 2:* 42 [28 Apr. 1817] (Kunth 1817). — *Urera jacquinii* var. *ulmifolia* (Kunth) Wedd., *Arch. Mus. Hist. Nat.* 9: 145 (Weddell 1856).

*Urta mitis* Vell., *Fl. Flumin. Icon.* 10: t. 19 [“1827” publ. 29 Oct. 1831] (Vellozo 1831). — *Urera mitis* (Vell.) Miq., *Fl. Bras. [Martius]* 4 (1): 191 [1 Dec. 1853] (Miquel 1853). — *Urera caracasana* var. *mitis* (Vell.) Wedd., *Prodr. [A. P. de Candolle]* 16 (1): 90 [mid Nov. 1869] (Weddell 1869).

*Urta corallina* Liebm., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 5, 2:* 295 (Liebmann 1851). — *Urera jacquinii* var. *corallina* (Liebm.) Wedd., *Arch. Mus. Hist. Nat.* 9: 145 (Weddell 1856). — *Urera corallina* (Liebm.) Wedd., *Prodr. [A. P. de Candolle]* 16 (1): 90 [mid Nov. 1869] (Weddell 1869).

*Urera subpeltata* Miq., *Fl. Bras. [Martius]* 4 (1): 189 [1 Dec. 1853] (Miquel 1853). — *Urera jacquinii* var. *subpeltata* (Miq.) Wedd., *Arch. Mus. Hist. Nat.* 9: 145 (Weddell 1856). — *Urera caracasana* var. *subpeltata* (Miq.) Wedd., *Prodr. [A. P. de Candolle]* 16 (1): 90 [mid Nov. 1869] (Weddell 1869).

*Urera acuminata* Miq., *Fl. Bras. [Martius]* 4 (1): 190 [1 Dec. 1853] (Miquel 1853), *nom. illeg. hom., non* (Poir.) Gaudich. ex Decne. (Decaisne 1834).

*Urera subpeltata* var. *morifolia* Miq., *Fl. Bras. [Martius]* 4 (1): 190 [1 Dec. 1853] (Miquel 1853).

*Urera caracasana* var. *tomentosa* Wedd., *Prodr. [A. P. de Candolle]* 16 (1): 90 [mid Nov. 1869] (Weddell 1869).

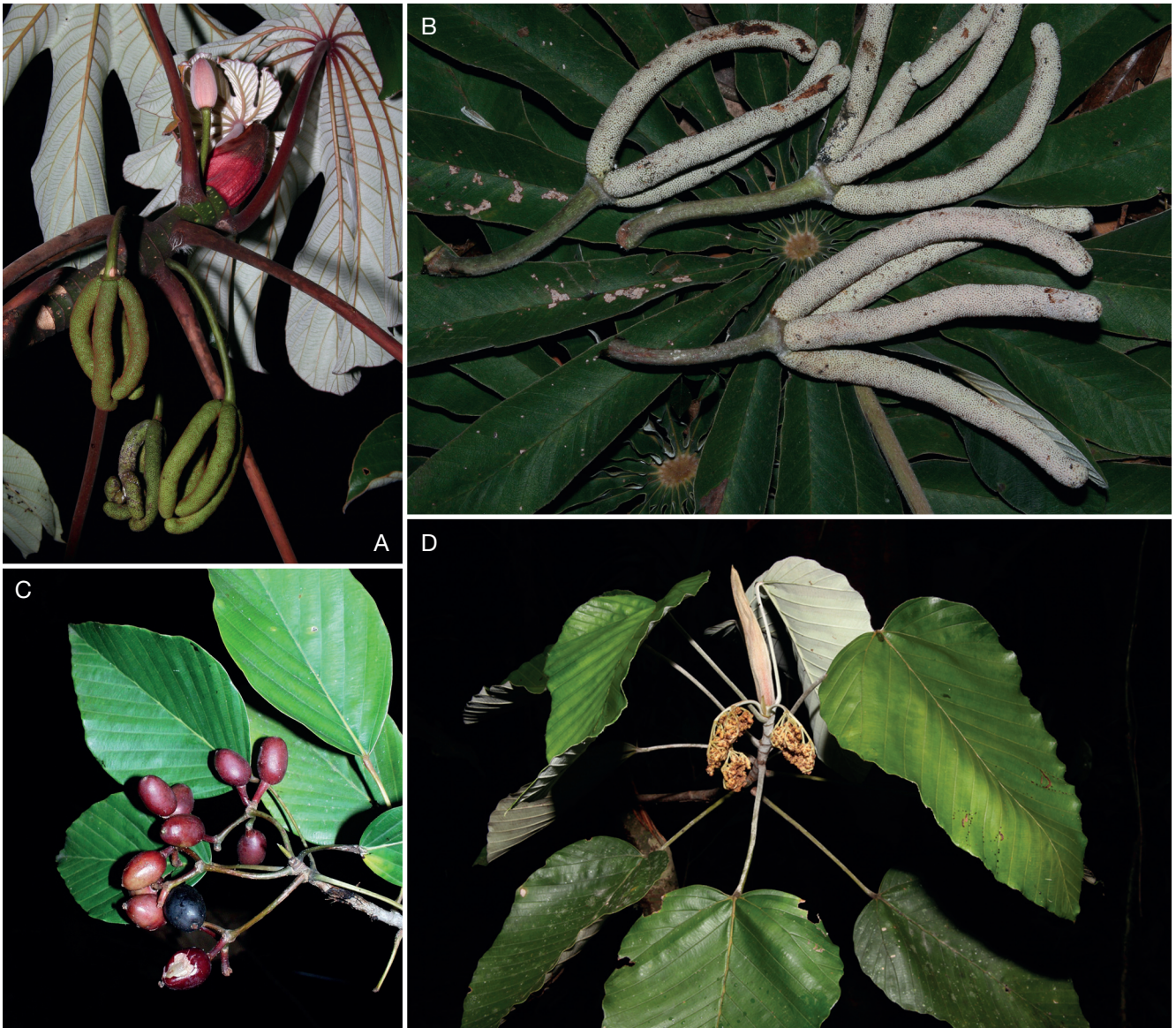


FIG. 58. — Urticaceae: **A**, *Cecropia granvilleana* C.C.Berg (D. Sabatier & J.-F. Molino 5016); **B**, *Cecropia silvae* C.C.Berg (D. Sabatier & J.-F. Molino 5137); **C**, *Pourouma saulensis* C.C.Berg & Kooy (D. Sabatier & M.-F. Prévost 4846); **D**, *Pourouma tomentosa* subsp. *maroniensis* (Benoist) C.C.Berg & Heusden. © D. Sabatier/IRD.

VERNACULAR NAMES. — Wp: kelekele, pinô • Cr: zouti-montangn  
• Br: cansação, urtiga-brava.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *M.-F. Prévost 3655*.

SIZE. — Up to 10 m tall (Berg 1992).

Family VERBENACEAE J.St.-Hil.  
Genus *Citharexylum* B.Juss.

[1762] *Citharexylum macrophyllum* Poir.  
(Fig. 59A)

*Encycl. [J. Lamarck et al.] Suppl. 2: 367 [23 Oct. 1811] (Poiret 1811).*

*Citharexylum amazonicum* Moldenke, *Repert. Spec. Nov. Regni Veg.* 37: 216 (Moldenke 1934).

VERNACULAR NAMES. — Pa: ivey • Ka: uluyatu • Wp: ka'i pimá • Cr: bwa-kotlèt • Br: calango-cego.

HERBARIUM DATA (FG). — 16 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material FI[F1011051], P[P00689427]).

SIZE. — Up to 20 m tall (Jansen-Jacobs 1988).

[1763] *Citharexylum spinosum* L.

*Sp. Pl.* 2: 625 [1 May 1753] (Linnaeus 1753).

*Citharexylum fruticosum* L., *Syst. Nat.*, ed. 10, 2: 1115 [7 June 1759] (Linnaeus 1759), "fruticos." — *Citharexylum cinereum* L., *Sp. Pl.*, ed. 2, 2: 872 [Aug. 1763] (Linnaeus 1763), *nom. illeg. superfl.*



- (based on the same references as *Citharexylum fruticosum* ["Pluk. alm. 108. t. 162. f. 1" & "Plum. ic. 157. f. 1"]).
- Citharexylum quadrangulare* Jacq., *Enum. Syst. Pl.*: 26 [Aug.-Sep. 1760] (Jacquin 1760).
- Citharexylum teres* Jacq., *Enum. Syst. Pl.*: 26 [Aug.-Sep. 1760] (Jacquin 1760).
- Citharexylum villosum* Jacq., *Icon. Pl. Rar.* [Jacquin] 1: t. 118 (Jacquin 1784). — *Citharexylum fruticosum* var. *villosum* (Jacq.) O.E.Schulz, *Symb. Antill. [Urban]* 6 (1): 63 [15 July 1909] (Schulz 1909). — *Citharexylum spinosum* f. *villosum* (Jacq.) I.E.Méndez, *Willdenowia* 31 (2): 422 [17 Dec. 2001] (Méndez 2001).
- Citharexylum subserratum* Sw., *Prodr. [Swartz]* 91 [20 Jun.-29 July 1788] (Swartz 1788). — *Citharexylum fruticosum* var. *subserratum* (Sw.) Moldenke, *Phytologia* 1 (1): 17 [Dec. 1933] (Moldenke 1933). — *Citharexylum fruticosum* f. *subserratum* (Sw.) Moldenke, *Phytologia* 36 (3): 164 [22 July 1977] (Moldenke 1977). — *Citharexylum spinosum* f. *subserratum* (Sw.) I.E.Méndez, *Willdenowia* 31 (2): 421 [17 Dec. 2001] (Méndez 2001).
- Citharexylum caudatum* Sw., *Observ. Bot. [Swartz]*: 234 [May-July 1791] (Swartz 1791), *nom. illeg. hom., non L.* (Linnaeus 1759).
- Citharexylum molle* Salisb., *Prodr. Stirp. Chap. Allerton* 108 [Nov.-Dec. 1796] (Salisbury 1796), *nom. illeg. superfl.* (based on *Citharexylum subserratum* and *C. villosum*).
- Citharexylum pentandrum* Vent., *Descr. Pl. Nouv.*: pl. 47 (Ventenat 1800).
- Citharexylum pulverulentum* Pers., *Syn. Pl. [Persoon]* 2 (1): 142 [Nov. 1806] (Persoon 1806).
- Citharexylum tomentosum* Poir., *Encycl. [J. Lamarck et al.] Suppl.* 2: 368 [23 Oct. 1811] (Poiret 1811).
- Citharexylum molle* Jacq. ex Spreng., *Syst. Veg. [Sprengel]* 2: 764 [Jan.-May 1825] (Sprengel 1825), *nom. illeg. hom., non Salisb.* (Salisbury 1796).
- Citharexylum coriaceum* Desf., *Tabl. École Bot.*, ed. 3 [Cat. Pl. Horti Paris.], 392 (Desfontaines 1829).
- Citharexylum cinereum* Moc. & Sessé ex D.Don, *Edinburgh New Philos. J.* 10: 238 [Oct. 1830-Mar. 1831] (Don 1831), *nom. nud. pro syn.*
- Citharexylum laevigatum* Hostmann ex Griseb., *Fl. Brit. W.I. [Grisebach]* 497 [prob. May 1862] (Grisebach 1862), *nom. nud. pro syn.*
- Citharexylum surrectum* Griseb., *Fl. Brit. W.I. [Grisebach]* 497 [prob. May 1862] (Grisebach 1862).
- Citharexylum polystachyum* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (3): 209 (Turczaninow 1863).
- Citharexylum bahamense* Millsp., *Bull. New York Bot. Gard.* 3 (11): 450 [14 Apr. 1905] (Millsbaugh 1905). — *Citharexylum fruticosum* f. *bahamense* (Millsp.) Moldenke, *Phytologia* 13 (4): 242 [16 July 1966] (Moldenke 1966).
- Citharexylum broadwayi* O.E.Schulz, *Symb. Antill. [Urban]* 7 (3): 354 [1 Oct. 1912] (Schulz 1912).
- Citharexylum fruticosum* var. *smallii* Moldenke, *Repert. Spec. Nov. Regni Veg.* 37: 223 (Moldenke 1934). — *Citharexylum spinosum* f. *smallii* (Moldenke) I.E.Méndez, *Willdenowia* 31 (2): 421 [17 Dec. 2001] (Méndez 2001).
- Citharexylum fruticosum* var. *subvillosum* Moldenke, *Repert. Spec. Nov. Regni Veg.* 37: 223 (Moldenke 1934). — *Citharexylum fruticosum* f. *subvillosum* (Moldenke) Moldenke, *Phytologia* 36 (3): 164 [22 July 1977] (Moldenke 1977). — *Citharexylum spinosum* f. *subvillosum* (Moldenke) I.E.Méndez, *Willdenowia* 31 (2): 422 [17 Dec. 2001] (Méndez 2001).
- Citharexylum fruticosum* var. *brittonii* Moldenke, *Lilloa* 4 (2): 311 (Moldenke 1939). — *Citharexylum spinosum* f. *brittonii* (Moldenke) I.E.Méndez, *Willdenowia* 31 (2): 422 [17 Dec. 2001] (Méndez 2001).
- Citharexylum hybridum* Moldenke, *Lilloa* 4 (2): 313 (Moldenke 1939).
- HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *C. Sastre* 265.
- SIZE. — Up to 16 m tall (Jansen-Jacobs 1988).
- Family VIOLACEAE Batsch  
Genus *Amphirrhox* Spreng.
- [1764] *Amphirrhox longifolia* (A.St.-Hil.) Spreng.
- Syst. Veg. [Sprengel]* 4 (2, Cur. Post.): 99 [Jan.-June 1827] (Sprengel 1827). — *Spathularia longifolia* A.St.-Hil., *Mém. Mus. Hist. Nat.* 11: 492 (Saint-Hilaire 1824).
- Braddleya legalis* Vell., *Fl. Flumin.* 94 ["1825" publ. 7 Sep.-28 Nov. 1829] (Vellozo 1829).
- Amphirrhox latifolia* Mart. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 376 [1 Oct. 1871] (Eichler 1871).
- Amphirrhox surinamensis* Eichler, *Fl. Bras. [Martius]* 13 (1): 377 [1 Oct. 1871] (Eichler 1871). — *Hybanthus surinamensis* Miq. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 377 [1 Oct. 1871] (Eichler 1871), *nom. nud. pro syn.* — *Leonia surinamensis* (Eichler) Byng & Christenhusz, *Global Fl.* 4: 128 [9 Feb. 2018] (Byng & Christenhusz 2018).
- Amphirrhox juruana* Ule, *Verh. Bot. Vereins Prov. Brandenburg* 47: 156 [1 Oct. 1905] (Ule 1905).
- NOTE. — As the relationships between *Amphirrhox* Spreng. and *Leonia* Ruiz & Pav. are still unclear (Wahlert *et al.* 2014), the transfer of *A. surinamensis* Eichler to *Leonia* (Christenhusz *et al.* 2018): 128) seems premature.
- VERNACULAR NAMES. — Pa: mavinbi-kamwi, mavinvi-kamwi • Ka: kulali wepo.
- HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *J.-F. Molino* 1766.
- INVENTORY DATA (FG). — 139 trees in 24 plots;  $F_{\max} = 3.1\%$ ;  $dbh_{\text{inv}} = 26.7$  cm.
- Genus *Gloeospermum* Triana & Planch.
- [1765] *Gloeospermum sphaerocarpum* Triana & Planch.
- Ann. Sci. Nat., Bot. sér.* 4, 17: 129 (Triana & Planchon 1862). — *Leonia sphaerocarpum* (Triana & Planch.) Byng & Christenhusz, *Global Fl.* 4: 128 [9 Feb. 2018] (Byng & Christenhusz 2018).

*Gloeospermum sphaerocarpum* var. *latifolium* Melch., *Notizbl. Bot. Gart. Berlin-Dahlem* 8: 622 [15 Nov. 1923] (Melchior 1923).

NOTE. — According to Wahlert *et al.* (2014), there is a close relationship between *Gloeospermum* Triana & Planch. and *Leonia* Ruiz & Pav., but further studies are needed.

HERBARIUM DATA (FG). — 26 collections at CAY. Sel. exs.: *J.-J. de Granville B-3833*.

SIZE. — Colombia, Antioquia. *D. Cárdenas L. 2850* (MO), 8 m × 32.4 cm.

### Genus *Leonia* Ruiz & Pav.

[1766] *Leonia glycyarpa* Ruiz & Pav.  
(Fig. 59B, C)

*Flora Peruviana* 2: 69 (Ruiz & Pavón 1799). — *Theophrasta glycyarpa* (Ruiz & Pav.) Spreng., *Syst. Veg. [Sprengel]* 1: 671 [“1825” publ. late 1824] (Sprengel 1824). — *Leonia racemosa* Mart., *Nova genera et species plantarum [Martius]* 2 (2): 86 [Jan.-June 1827] (Martius 1827), *nom. illeg. superfl.* (based on *Leonia glycyarpa*).

*Stuedelia racemosa* Mart., *Nova genera et species plantarum [Martius]* 2 (2): t. 168 [Jan.-June 1827] (Martius 1827), *nom. nud.*

*Clavija sparsifolia* Miq., *Fl. Bras. [Martius]* 10: 278 [15 Mar. 1856] (Miquel 1856). — *Theophrasta sparsifolia* (Miq.) Kuntze, *Revis. Gen. Pl.* 2: 404 [5 Nov. 1891] (Kuntze 1891).

*Leonia melinoniana* Baill. ex Sagot, *Ann. Sci. Nat., Bot.* sér. 6, 11: 146 (Sagot 1881).

*Leonia glycyarpa* var. *racemosa* L.B.Sm. & A.Fernández, *Caldasia* 6 (28): 169 (Smith & Fernández 1954).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). *L. glycyarpa* var. *racemosa* L.B.Sm. is based on the illegitimate *L. racemosa* Mart., thus authorship is not “(Mart.) L.B.Sm. & A.Fernández”, but otherwise it complies with the requirements for a new name (it was published before 1958, therefore designation of a type is not mandatory).

VERNACULAR NAMES. — Pa: inam-etni-ayeweyo • Wp: eilowakulu, inâmu sî, inâmu sî wîla • Br: gogó-de-guariba.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2753*.

INVENTORY DATA (FG). — 145 trees in 78 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 37.5$  cm.

### Genus *Paypayrola* Aubl.

[1767] *Paypayrola bordenavei* (H.E.Ballard & Munzinger)  
Byng & Christenh.

*Global Fl.* 4: 128 [9 Feb. 2018] (Byng & Christenhusz 2018). — *Hekkingia bordenavei* H.E.Ballard & Munzinger, *Syst. Bot.* 28 (2): 345 [15 May 2003] (Ballard & Munzinger 2003).

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *B. Bordenave 5040* (holo-, P[P00217081]; iso-, K[K001070514, K001070515], U[U0098667, U0098668], US[00902493]).

SIZE. — Up to 15 cm dbh (Munzinger & Ballard 2003).

[1768] *Paypayrola grandiflora* Tul.

*Ann. Sci. Nat., Bot.* sér. 3, 7: 371 (Tulasne 1847).

*Paypayrola ventricosa* Tul., *Ann. Sci. Nat., Bot.* sér. 3, 11: 153 (Tulasne 1849).

HERBARIUM DATA (FG). — A single collection, *R.A.A. Oldeman B-3110*.

SIZE. — Brazil, Amazonas. *B.A. Krukoff 8023* (MO), 50 ft × 5 inch. (15 m × 12.6 cm).

[1769] *Paypayrola guianensis* Aubl.

*Hist. Pl. Guiane* 1: 249 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Lignonia monodynamia* J.F.Gmel., *Syst. Nat.*, ed. 13[bis], 2 (1): 373 [late Sep.-Nov. 1791] (Gmelin 1791), *nom. illeg. superfl.* (based on *Lignonia* Scop., thus indirectly on *Paypayrola guianensis*). — *Payrola guianensis* (Aubl.) Lam., *Tabl. Encycl.* 2[4 (1)]: 72 [21 Nov. 1796] (Lamarck 1796), *nom. illeg. superfl.* (genus name superfluous, based on the type of *Paypayrola*). — *Wibelia guianensis* (Aubl.) Pers., *Syn. Pl. [Persoon]* 1: 210 [1 Apr.-15 June 1805] (Persoon 1805), *nom. illeg. superfl.* (genus name superfluous, based on the type of *Paypayrola*).

*Periclistia latifolia* Benth., *J. Bot. [Hooker]* 4: 109 (Bentham 1842).

VERNACULAR NAMES. — Pa: yauknabui • Ka: kakaulan, kupali elepali • Wp: wila poloelaa • Cr: bwa-poul • Br: manaca-rana.

HERBARIUM DATA (FG). — 132 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777978] designated by Lanjouw & Uittien [1940: 155]).

INVENTORY DATA (FG). — 60 trees in 14 plots;  $F_{\max} = 3.3\%$ ;  $dbh_{\text{inv}} = 21.3$  cm.

[1770] *Paypayrola hulkiana* Pulle  
(Fig. 59D)

*Recueil Trav. Bot. Néerl.* 9: 155 (Pulle 1912).

VERNACULAR NAMES. — Pa: mavinbi-priyu, mavinvi-priyu • Wp: tatu kâsî • Cr: bwa-poul • Br: manaca-rana.

HERBARIUM DATA (FG). — 60 collections at CAY. Sel. exs.: *J.-P. Lescure 723*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 13.8$  cm.

[1771] *Paypayrola longifolia* Tul.

*Ann. Sci. Nat., Bot.* sér. 3, 7: 372 (Tulasne 1847).

VERNACULAR NAMES. — Ka: palipyo, polipyo, polipyoli • Wp: kekelele sili • Cr: bwa-poul • Br: manaca-rana.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *H. Jacquemin 1763*.

SIZE. — Suriname. *J.C. Lindeman et al. 555* (MO), 10 m × 11 cm.

Genus *Rinorea* Aubl.

[1772] *Rinorea amapensis* Hekking

*Phytologia* 43 (5): 476 [24 Sep. 1979] (Hekking 1979).

VERNACULAR NAMES. — Pa: inam-etni, kuuku-ariut-kamwi • Ka: pel-pele apotokon • Wp: iâyü • Cr: ti-bwa-lélé • Br: canela-de-jacamim.

HERBARIUM DATA (FG). — 96 collections at CAY. Sel. exs.: *M.-F. Prévost 3075*.

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.8$  cm.

[1773] *Rinorea bahiensis* (Moric.) Kuntze

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Alsodeia bahiensis* Moric., *Pl. Nouv. Amér.* 68 (Moricand 1839).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-813*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 11.1$  cm.

[1774] *Rinorea brevipes* (Benth.) S.F.Blake

*Contr. U.S. Natl. Herb.* 20 (13): 512 [19 July 1924] (Blake 1924). — *Alsodeia brevipes* Benth., *J. Bot. [Hooker]* 4: 106 (Bentham 1842). — *Conohoria brevipes* (Benth.) Miq., *Linnaea* 22: 556 (Miquel 1849). — *Alsodeia guianensis* (Aubl.) Eichler var. *brevipes* (Benth.) Eichler, *Fl. Bras. [Martius]* 13 (1): 387 [1 Oct. 1871] (Eichler 1871).

*Alsodeia laxiflora* Benth., *J. Bot. [Hooker]* 4: 107 (Bentham 1842). — *Conohoria laxiflora* (Benth.) Miq., *Linnaea* 22: 556 (Miquel 1849). — *Alsodeia guianensis* var. *laxiflora* (Benth.) Eichler, *Fl. Bras. [Martius]* 13 (1): 387 [1 Oct. 1871] (Eichler 1871). — *Rinorea laxiflora* (Benth.) Melch., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 352 (Melchior 1925).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *C. Feuillet et al. 10115*.

INVENTORY DATA (FG). — 28 trees in 4 plots;  $dbh_{\text{inv}} = 19.7$  cm.

[1775] *Rinorea falcata* (Mart. ex Eichler) Kuntze  
(Fig. 59E)

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Alsodeia falcata* Mart. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 386 [1 Oct. 1871] (Eichler 1871).

*Alsodeia guianensis* var. *parviflora* Eichler, *Fl. Bras. [Martius]* 13 (1): 387 [1 Oct. 1871] (Eichler 1871).

*Rinorea surinamensis* Melch., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 352 (Melchior 1925), *nom. nud.*

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 5573*.

SIZE. — Up to 10 m tall (Hekking 1988).

[1776] *Rinorea flavescens* (Aubl.) Kuntze

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Conohoria flavescens* Aubl., *Hist. Pl. Guiane* 1: 239 [Jun.-Dec. 1775] (Aublet 1775). — *Alsodeia flavescens* (Aubl.) Spreng., *Syst. Veg. [Sprengel]* 1: 806 [“1825” publ. late 1824] (Sprengel 1824), “*Alsodeia*”.

VERNACULAR NAMES. — Pa: aaku-priyo, pahe-avan-kamwi • Ka: palipyo, polipyo, polipyoli • Wp: iâyü • Nt: bofo tiki, bofoo tiki • Cr: ti-bwa-lélé • Br: canela-de-jacamim.

HERBARIUM DATA (FG). — 50 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777786] designated by Lanjouw & Uittien [1940: 150]).

INVENTORY DATA (FG). — 24 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.1$  cm.

[1777] *Rinorea guianensis* Aubl.

*Hist. Pl. Guiane* 1: 235 [Jun.-Dec. 1775] (Aublet 1775). — *Conohoria rinorea* A.St.-Hil., *Mém. Mus. Hist. Nat.* 11: 492 (Saint-Hilaire 1824), *nom. illeg. superfl.* (based on *Rinorea guianensis*). — *Alsodeia rinorea* Spreng., *Syst. Veg. [Sprengel]* 1: 807 [“1825” publ. late 1824] (Sprengel 1824), *nom. illeg. superfl.* (based on *Rinorea guianensis*).

*Alsodeia floribunda* Moric., *Pl. Nouv. Amér.* 70 (Moricand 1839).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777787] designated by Lanjouw & Uittien [1940: 156]).

INVENTORY DATA (FG). — 98 trees in 19 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 35$  cm.

[1778] *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Alsodeia macrocarpa* Mart. ex Eichler, *Fl. Bras. [Martius]* 13 (1): 385 [1 Oct. 1871] (Eichler 1871).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *J.-J. de Granville 1169*.

SIZE. — Up to 10 m tall (Hekking 1988).

[1779] *Rinorea neglecta* Sandwith

*Kew Bull.* 10 (3): 371 [20 Dec. 1955] (Sandwith 1955).

HERBARIUM DATA (FG). — 34 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2203*.

INVENTORY DATA (FG). — 2 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 10.5$  cm.

[1780] *Rinorea paniculata* (Mart.) Kuntze

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Alsodeia paniculata* Mart., *Nova genera et species plantarum [Martius]* 1 (2): 30 [late 1823 or Jan.-Feb. 1824] (Martius 1823-1824), “*Alsodea*”.

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *R.A.A. Oldeman B-2084*.

SIZE. — Up to 25 m tall (Hekking 1988).

[1781] *Rinorea pectinosquamata* Hekking

*Phytologia* 53 (4): 252 [2 June 1983] (Hekking 1983), “*pectinosquamata*”.

NOTE. — Known only from French Guiana.

HERBARIUM DATA (FG). — 45 collections at CAY. Sel. exs.: *B. Riéra 470* (holo-, U[U0007081]; iso-, CAY[CAY024975, CAY024976, CAY024977, CAY024978, CAY024979]).

INVENTORY DATA (FG). — 211 trees in 48 plots;  $F_{\max} = 3.4\%$ ;  $dbh_{\text{inv}} = 21$  cm.

[1782] *Rinorea pubiflora* (Benth.) Sprague & Sandwith  
var. *pubiflora*

*Bull. Misc. Inform. Kew* 1931 (4): 171 [18 Apr. 1931] (Sprague & Sandwith 1931). — *Passoura guianensis* Aubl., *Hist. Pl. Guiane* 2 (Suppl.): 21 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Conoboria passoura* DC. ex Ging., *Prodr. [A. P. de Candolle]* 1: 312 [mid Jan. 1824] (Gingins 1824), *nom. illeg. superfl.* (based on *Passoura guianensis*). — *Alsodeia pubiflora* Benth., *J. Bot. [Hooker]* 4: 106 (Bentham 1842). — *Alsodeia guianensis* (Aubl.) Eichler, *Fl. Bras. [Martius]* 13 (1): 387 [1 Oct. 1871] (Eichler 1871). — *Rinorea passoura* Kuntze, *Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891), “*Passura*”, *nom. illeg. superfl.* (based on *Passoura guianensis*).

*Alsodeia martinii* Turcz., *Bull. Soc. Imp. Naturalistes Moscou* 36 (1): 557 (Turczaninow 1863), “*Alsodeja, Martini*”. — *Rinorea martinii* (Turcz.) S.F.Blake, *Contr. U.S. Natl. Herb.* 20 (13): 506 [19 July 1924] (Blake 1924), “*martini*”.

VERNACULAR NAMES. — Wp: iâyü • Nt: bonbekiida • Cr: ti-bwa-lélé • Br: canela-de-jacamim.

HERBARIUM DATA (FG). — 86 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 893*.

INVENTORY DATA (FG). — 2 trees in 1 plot;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 14.7$  cm.

[1783] *Rinorea pubiflora* var. *grandifolia* (Eichler) Hekking

*Fl. Neotrop. Monogr.* 46: 108 [19 Jan. 1988] (Hekking 1988). — *Alsodeia falcata* var. *grandifolia* Eichler, *Fl. Bras. [Martius]* 13 (1): 386 [1 Oct. 1871] (Eichler 1871). — *Rinorea passoura* var. *grandifolia* (Eichler) Hekking, *Phytologia* 53 (4): 257 [2 June 1983] (Hekking 1983). — *Rinorea passoura* f. *grandifolia* (Eichler) Hekking, *Phytologia* 53 (4): 257 [2 June 1983] (Hekking 1983). — *Rinorea pubiflora* f. *grandifolia* (Eichler) Hekking, *Fl. Neotrop. Monogr.* 46: 109 [19 Jan. 1988] (Hekking 1988).

*Rinorea passoura* var. *andersonii* Sandwith ex Hekking, *Phytologia* 43 (5): 479 [24 Sep. 1979] (Hekking 1979).

*Rinorea passoura* f. *andersonii* Sandwith ex Hekking, *Phytologia* 43 (5): 479 [24 Sep. 1979] (Hekking 1979).

*Rinorea pubiflora* f. *andersonii* (Sandwith ex Hekking) Hekking, *Fl. Neotrop. Monogr.* 46: 110 [19 Jan. 1988] (Hekking 1979).

*Rinorea passoura* f. *leiosperma* Hekking, *Phytologia* 43 (5): 480 [24 Sep. 1979] (Hekking 1979).

*Rinorea pulleana* Melch., *Nat. Pflanzenfam. [Engler & Prantl]*, ed. 2, 21: 352 (Melchior 1925), *nom. nud.*

*Rinorea scandens* Ule, *Verh. Bot. Vereins Prov. Brandenburg* 47: 157 [1 Oct. 1905] (Ule 1905).

VERNACULAR NAMES. — Ka: tona, tonawewe • Cr: ti-bwa-lélé.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *J.-J. de Granville et al. 9229A*.

SIZE. — Up to 20 m tall (Hekking 1988).

[1784] *Rinorea riana* Kuntze

*Revis. Gen. Pl.* 1: 42 [5 Nov. 1891] (Kuntze 1891). — *Riana guianensis* Aubl., *Hist. Pl. Guiane* 1: 237 [Jun.-Dec. 1775] (Aublet 1775), “*Guyannensis*” on plate. — *Conoboria riana* DC. ex Ging., *Prodr. [A. P. de Candolle]* 1: 312 [mid Jan. 1824] (Gingins 1824), *nom. illeg. superfl.* (based on *Riana guianensis*). — *Alsodeia prunifolia* Spreng., *Syst. Veg. [Sprengel]* 1: 807 [“1825” publ. late 1824] (Sprengel 1824), *nom. illeg. superfl.* (based on *Riana guianensis*).

NOTES. — The name “*Alsodeia riana* Turcz.”, sometimes given in synonymy, does not exist. Turczaninow (1863): 557 did not associate the genus name with the specific epithet. The text reads: “*Alsodeja (Conoboria Riana* Aubl. *nec* Steud. in Hostm. et Kappl. pl. Surin. No 1126 [...])”. This statement does not refer to *Conoboria riana* DC. ex Ging., but rather to a manuscript annotation by Steudel on specimen *Hostmann and Kappler's 1126*.

VERNACULAR NAMES. — Wp: iâyü, yu'i li • Wn: pakumleimë • Cr: ti-bwa-lélé.

HERBARIUM DATA (FG). — 131 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00777787]), designated by Lanjouw & Uittien [1940: 156]).

SIZE. — Suriname. *S.A. Mori & A. Bolten 8398* (P), 6 m × 10 cm.

Genus *Rinoreocarpus* Ducke[1785] *Rinoreocarpus ulei* (Melch.) Ducke

*Arch. Jard. Bot. Rio de Janeiro* 5: 173 (Ducke 1930). — *Gloeospermum ulei* Melch., *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 164 [30 Dec. 1924] (Melchior 1924). — *Rinoreocarpus salmonaeus* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 4: 144 (Ducke 1925), *nom. illeg. superfl.* (includes the type of *Gloeospermum ulei*). — *Leonia ulei* (Melch.) Byng & Christenh., *Global Fl.* 4: 128 [9 Feb. 2018] (Byng & Christenhusz 2018).

NOTES. — Hyperdominant in Amazonia (ter Steege *et al.* 2020). The position of *Rinoreocarpus* Ducke is still unresolved (Wahlert *et al.* 2014). It is therefore premature to place *R. ulei* in *Leonia*.

VERNACULAR NAMES. — Pa: agagut-aška, ararut-aška • Br: pau-estador.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *M.-F. Prévost & P. Grenand 4324*.

INVENTORY DATA (FG). — 18 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 19.6$  cm.

Family VOCHYSIACEAE A.St.-Hil.  
Genus *Erisma* Rudge

[1786] *Erisma floribundum* Rudge

*Pl. Guian.* [Rudge] 1 (1): 7 [Apr. 1805] (Rudge 1805). — *Debraea floribunda* (Rudge) Roem. & Schult., *Syst. Veg.* [Roemer & Schultes] 1: 34 [Jan.-June 1817] (Roemer & Schultes 1817). — *Ditmaria floribunda* (Rudge) Spreng., *Syst. Veg.* [Sprengel] 1: 16 [“1825” publ. late 1824] (Sprengel 1824).

*Erisma parvifolium* Gleason, *Bull. Torrey Bot. Club* 60 (5): 362 [May 1933] (Gleason 1933).

*Erisma pallidiflorum* Ducke, *Arch. Inst. Biol. Veg.* 2 (1): 54 [Sep. 1935] (Ducke 1935). — *Erisma parvifolium* var. *pallidiflorum* (Ducke) Ducke, *Arch. Inst. Biol. Veg.* 4 (1): 43 [June 1938] (Ducke 1938).

VERNACULAR NAMES. — Ka: kuwalilan • Wp: kwali sili • Nt: feli kwali, jaboti, manhunti kwali • Cr: grignon-fou • Br: jaboti-da-terra-firme.

HERBARIUM DATA (FG). — 12 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material BM[BM000566722, BM000938998], BR, [BR0000005529711], LINN[LINN-HS 17.1], M[M0239626], MO[MO-251856]).

INVENTORY DATA (FG). — 8 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 90$  cm.

[1787] *Erisma nitidum* DC.

*Prodr.* [A. P. de Candolle] 3: 30 [mid Mar. 1828] (Candolle 1828).

*Qualea lutea* Desf. ex Link, *Jahrb. Gewächsk.* 1 (3): 24 (Link 1820), *nom. nud.*

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: makuk • Nt: manhunti kwali.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *J. Martin s.n.* (holo-, FI[FI005833]; iso-, FI[FI005832], P[P00733810, P00733811, P00733812]; probable iso-, B[B -W 00040 -01 0]).

INVENTORY DATA (FG). — 8 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 27.8$  cm.

[1788] *Erisma uncinatum* Warm.

*Fl. Bras.* [Martius] 13 (2): 110 [1 Mar. 1875] (Warming 1875).

*Erisma pulverulentum* Poepp. ex Warm., *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1889: 28 (Warming 1889).

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Ka: kusili yepo, palulu ipyo, walapa kuwalili • Wp: kwali sili • Wn: kalapi alikan • Nt: feli kwali, jaboti, manhunti

kwali • Cr: grignon-fou, kwali • Fr: grignon fou • Br: jaboti-da-terra-firme, quarubarana.

HERBARIUM DATA (FG). — 39 collections at CAY. Sel. exs.: *D. Sabatier 2312*.

INVENTORY DATA (FG). — 69 trees in 30 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 116.5$  cm.

Genus *Qualea* Aubl.

[1789] *Qualea acuminata* Spruce ex Warm.

*Fl. Bras.* [Martius] 13 (2): 40 [1 Mar. 1875] (Warming 1875).

*Qualea speciosa* Huber, *Bol. Mus. Paraense Hist. Nat. Ethnogr.* 3: 425 (Huber 1902).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *F.M.R. Leprieur 284* (P[P04660120]).

SIZE. — Up to 20 m tall (Marcano-Berti 1998).

[1790] *Qualea amapaensis* Balslev & S.A.Mori  
(Fig. 60A)

*Brittonia* 33 (1): 5 (Balslev & Mori 1981), “*amapaensis*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Wp: kulawa'i, kwali sili, pilikolo'i.

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *M.-F. Prévost & D. Sabatier 2755*.

INVENTORY DATA (FG). — 1 tree,  $dbh = 20.4$  cm.

[1791] *Qualea caerulea* Aubl.

*Hist. Pl. Guiane* 1: 7 [Jun.-Dec. 1775] (Aublet 1775), “*coerulea*”.

NOTES. — Maas & Maas-van de Kamer (1993: 30) concluded that the specific epithet “*coerulea*” should be corrected to “*caerulea*”. They stated that for epithets printed in italics in Aublet (1775), “one can see no difference between ‘æ’ and ‘œ’”. However, these signs are clearly distinct. The latter is used in the heading of the description of all species with epithets “*foetida*” (*Agave foetida* L., *Passiflora foetida* L. and *Ticorea foetida* Aubl.), “*foetidum*” (*Eryngium foetidum* L.), “*foetidissima*” (*Tournefortia foetidissima* L.) or “*stoechadifolia*” (*Verbena stoechadifolia* L.), as well as in the index for the same species, except for *Tournefortia “stecadifolia”* (obviously a double typographical error). The sign for “æ” is used both in the heading and in the index for *aestuans* (*Urtica aestuans* L.), *chamaecrista* (*Cassia chamaecrista* L.), *hypogaea* (*Arachis hypogaea* L.), *caribaeum* (*Pancreatium caribaeum* L.), *sagittaeifolium* (*Arum sagittaeifolium* L.), *pes-caprae* (*Convolvulus pes-caprae* L.), *laevis* (*Manabea laevis* Aubl. and *Trigonon laevis* Aubl.), *laevigata* (*Melastoma laevigata* L.), as well as for 4 out of 6 epithets based on the “*caerul*” root: *caerulea* (*Besleria caerulea* Aubl.), *caerulescens* (*Lisianthus caerulescens* Aubl. and *Spermacoce caerulescens* Aubl.) and *caerulea* (*Voyria caerulea* Aubl.) For the remaining two (*Qualea caerulea* Aubl. and *Xiphidium caeruleum* Aubl.), the “æ” sign is also used in the index, although “œ” is used for the heading in the text. It thus seems clear that the latter two should be treated as typographical errors. Meanwhile, the “æ” sign never appears on plates (only nine of the above species are illustrated). However, the

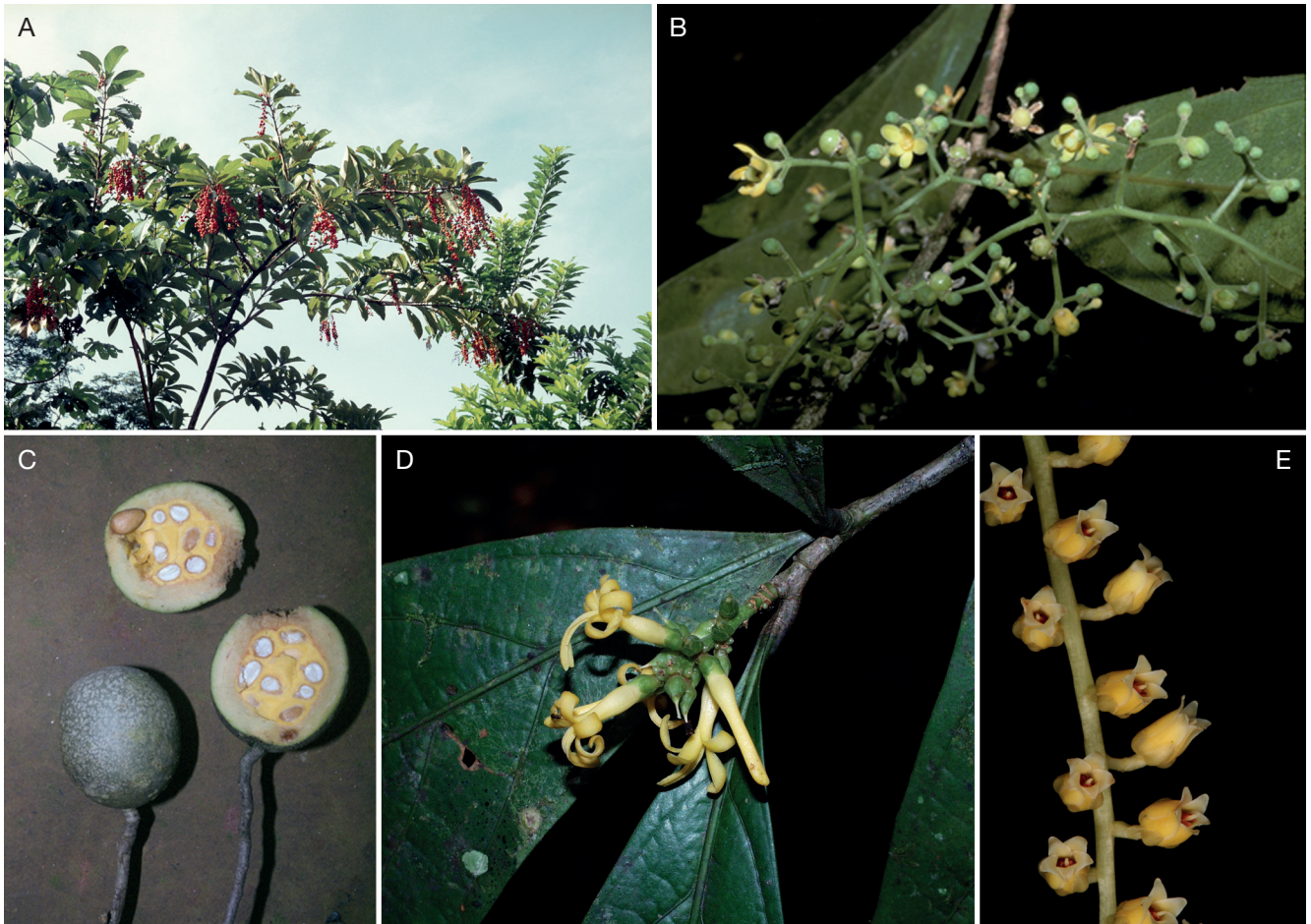


FIG. 59. — Verbenaceae: **A**, *Citharexylum macrophyllum* Poir. (M.-F. Prévost 1404). Violaceae: **B**, **C**, *Leonia glycyarpa* Ruiz & Pav. (D. Sabatier 3502); **D**, *Paypayrola hulkiana* Pulle (M.-F. Prévost et al. 4587); **E**, *Rinorea falcata* (Mart. ex Eichler) Kuntze (D. Sabatier 5573). A, C, © M.-F. Prévost/IRD; B, D, E, © D. Sabatier/IRD.

fact that “*guianensis*” is almost always misspelled “*Guyannensis*” on plates suggests that the figure legends were not checked by Aublet.

VERNACULAR NAMES. — Pa: â-seiminio-puvenna • Ka: kumetilan, kuwali, kwali, tamunen ilakopi • Te: kwadi • Wp: pilima'i • Nt: sabana kwali • Cr: grignon-fou, grignon-sentmarie • Fr: grignon fou • Br: mandioqueira-azul, quaruba-azul.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000566635]).

INVENTORY DATA (FG). — 56 trees in 8 plots;  $F_{\max} = 4.1\%$ ;  $dbh_{\text{inv}} = 92.6$  cm.

[1792] *Qualea dinizii* Ducke

*Arch. Jard. Bot. Rio de Janeiro* 1 (1): 49 (Ducke 1915).

VERNACULAR NAMES. — Wp: pilima'i piyũ, pilima'i wu.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *G. Angel* 29.

INVENTORY DATA (FG). — 3 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50.6$  cm.

[1793] *Qualea moriboomiorum* Marc.-Berti  
(Fig. 60C)

*Pittieria* 18: 5 (Marcano-Berti 1989), “*mori-boomii*”.

NOTE. — Known only from French Guiana. Automatic correction of “*mori-boomii*”, according to Art. 60.8 of the ICN (Turland *et al.* 2018).

VERNACULAR NAMES. — Fr: gonfalo bleu.

HERBARIUM DATA (FG). — 6 collections at CAY. Sel. exs.: *S.A. Mori & B.M. Boom* 15225 (holo-, NY[00001003]; iso-, CAY[CAY024985], P[P00162580]).

INVENTORY DATA (FG). — 44 trees in 18 plots;  $F_{\max} = 1.7\%$ ;  $dbh_{\text{inv}} = 86.1$  cm.

[1794] *Qualea polychroma* Stafleu

*Acta Bot. Neerl.* 2 (2): 182 (Stafleu 1953).

HERBARIUM DATA (FG). — 3 collections at CAY. Sel. exs.: *D. Sabatier* 1462.

INVENTORY DATA (FG). — 6 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 50.4$  cm.

[1795] *Qualea rosea* Aubl.

*Hist. Pl. Guiane* 1: 5 [Jun.-Dec. 1775] (Aublet 1775).

*Qualea violacea* Mart. & Zucc. ex Schult., *Mant.* 3 [Schultes] *Add.* 2: 99 (Schultes 1822), *nom. nud. pro syn.*

*Qualea melinonii* P.Beckm., *Bot. Jahrb. Syst.* 40 (3): 280 [24 Jan. 1908] (Beckmann 1908), “*Mélinonii*”.

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Pa: á-seiminio-seine • Ka: ilakopi • Wp: pilima'i piyü, pilima'i wu • Nt: gonfolo kwali • Cr: grignon-fou • Fr: gonfolo rose • Br: mandioqueira-rosa.

HERBARIUM DATA (FG). — 53 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (original material BM[BM000566650]).

INVENTORY DATA (FG). — 955 trees in 104 plots;  $F_{\max}$  = 11.8 %;  $dbh_{\text{inv}}$  = 125 cm.

[1796] *Qualea tricolor* Benoist  
(Fig. 60B)

*Notul. Syst. (Paris)* 3: 176 [25 Dec. 1915] (Benoist 1915).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: á-seiminio-seine • Nt: gonfolo kwali • Br: mandioqueira.

HERBARIUM DATA (FG). — 7 collections at CAY. Sel. exs.: *R. Benoist 1564* (holo-, P[P00733870]; iso-, P[P00733871]).

INVENTORY DATA (FG). — 37 trees in 14 plots;  $F_{\max}$  = 1.7 %;  $dbh_{\text{inv}}$  = 98.4 cm.

Genus *Ruizterania* Marc.-Berti

[1797] *Ruizterania albiflora* (Warm.) Marc.-Berti

*Pittieria* 2: 9 (Marcano-Berti 1969). — *Qualea albiflora* Warm., *Fl. Bras. [Martius]* 13 (2): 36 [1 Mar. 1875] (Warming 1875).

*Qualea glaberrima* Ducke, *Arch. Jard. Bot. Rio de Janeiro* 1 (1): 46 (Ducke 1915).

VERNACULAR NAMES. — Pa: á-seiminio-puvemna • Ka: tiyapotano ilakopi • Nt: gonfolo kwali • Cr: grignon-boni, grignon-fou • Fr: gonfolo gris • Br: mandioqueira-lisa, mandioqueira-preta.

HERBARIUM DATA (FG). — 35 collections at CAY. Sel. exs.: *M.-F. Prévost 3198*.

INVENTORY DATA (FG). — 174 trees in 94 plots;  $F_{\max}$  = 1.5 %;  $dbh_{\text{inv}}$  = 143.2 cm.

[1798] *Ruizterania ferruginea* (Steierm.) Marc.-Berti

*Pittieria* 2: 11 (Marcano-Berti 1969). — *Qualea ferruginea* Steierm., *Fieldiana, Bot.* 28 (2): 295 (Steiermark 1952).

*Qualea rubiginosa* Stafleu, *Acta Bot. Neerl.* 2 (2): 154 (Stafleu 1953). — *Ruizterania rubiginosa* (Stafleu) Marc.-Berti, *Pittieria* 2: 14 (Marcano-Berti 1969).

*Qualea apodocarpa* Steierm., *Bol. Soc. Venez. Ci. Nat.* 26: 473 (Steiermark 1966). — *Ruizterania apodocarpa* (Steierm.) Marc.-Berti, *Pittieria* 2: 10 (Marcano-Berti 1969).

*Qualea rubiginosa* var. *angustior* Steierm., *Acta Bot. Venez.* 2 (5-8): 239 (Steiermark 1967). — *Ruizterania rubiginosa* var. *angustior* (Steierm.) Marc.-Berti, *Pittieria* 2: 15 (Marcano-Berti 1969).

HERBARIUM DATA (FG). — A single collection, *D. Sabatier 4874*, dbh 90 cm.

Genus *Vochysia* Aubl.

[1799] *Vochysia cayennensis* Warm.

*Fl. Bras. [Martius]* 13 (2): 80 [1 Mar. 1875] (Warming 1875).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Wp: kwali sī, malakapuli'i • Nt: wana kwali • Fr: grignon sainte marie.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *J. Martin s.n.* (original material B[B -W 00038 -01 0], BM[BM000566734], E[E00285635], F[V0074840F, V0074841F], K[K000566091], NY[00001041], P[P00733830, P00733831, P00733832], US[00108791]).

SIZE. — Up to 80 cm dbh (Marcano-Berti 1998).

[1800] *Vochysia densiflora* Spruce ex Warm.  
(Fig. 60D)

*Fl. Bras. [Martius]* 13 (2): 101 [1 Mar. 1875] (Warming 1875).

VERNACULAR NAMES. — Ka: tapilen kuwali • Wp: kwali pilá, kwali pitá • Wn: kanawaimë • Nt: wana kwali • Cr: kwali.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier et al. 6272*.

INVENTORY DATA (FG). — 20 trees in 7 plots;  $F_{\max}$  = 1.4 %;  $dbh_{\text{inv}}$  = 112.7 cm.

[1801] *Vochysia glaberrima* Warm.

*Fl. Bras. [Martius]* 13 (2): 78 [1 Mar. 1875] (Warming 1875).

*Vochysia lucida* Klotzsch ex M.R.Schomb., *Reis. Br.-Guiana [Ri. Schomburgk]* 3: 1099 [“1848” publ. 7-10 Mar. 1849] (Schomburgk 1849), *nom. illeg. hom., non C.Presl* (1834).

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *D. Sabatier & J.-F. Molino 5136*.

INVENTORY DATA (FG). — 1 tree, dbh = 111.4 cm.

[1802] *Vochysia guianensis* Aubl.

*Hist. Pl. Guiane* 1: 18 [Jun.-Dec. 1775] (Aublet 1775) “*Vochy*”, “*Guyannensis*” on plate. — *Cucullaria excelsa* Willd., *Sp. Pl.*, ed. 4 1 (1): 17 [June 1797] (Willdenow 1797), *nom. illeg. superfl.* (based on *Vochysia guianensis*).

*Vochysia excelsa* A.Dietr., *Sp. Pl.*, ed. 6, 1: 103 (Dietrich 1831).

*Vochysia melinonii* P.Beckm., *Bot. Jahrb. Syst.* 40 (3): 280 [24 Jan. 1908] (Beckmann 1908), “*Mélinonii*”.

*Vochysia paraensis* Huber, *Bol. Mus. Goeldi Hist. Nat. Ethnogr.* 6: 214 (Huber 1910), “*paraënsis*”, *nom. nud.*

VERNACULAR NAMES. — Pa: â-seiminio • Ka: kulalu, kumetilan, kuwali, kwali, wosiwosi • Wp: malakapuli'i • Nt: mutende kwali • Cr: bwa-kruzo, kwali • Fr: bois cruzeau • Br: quaruba-branca, quaruba-rosa, quaruba-vermelha, rabo-de-tucano.

HERBARIUM DATA (FG). — 38 collections at CAY. Sel. exs.: *J.B. Aublet s.n.* (lecto-, P-JJR[P00680428] designated by Lanjouw & Uittien [1940: 160]).

INVENTORY DATA (FG). — 45 trees in 24 plots;  $F_{\max} = 1.6\%$ ;  $dbh_{\text{inv}} = 107.3$  cm.

[1803] *Vochysia neyratii* Normand

*Adansonia*, sér. 2, 17 (1): 11 (Normand 1977).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: â-seiminio • Wp: kwali pilã, kwali pitã, kwali sili • Nt: asiwa kwali • Cr: achiwa-kwali • Fr: couali albert.

HERBARIUM DATA (FG). — 20 collections at CAY. Sel. exs.: *I. Petrov 185* (holo-, P[P00733889]; iso-, CAY[CAY024986, CAY024987], P[P00733887, P00733888]).

INVENTORY DATA (FG). — 1 tree,  $dbh = 43.6$  cm.

[1804] *Vochysia rufescens* W.A.Rodrigues

*Acta Amazonica* 1 (2): 33 (Rodrigues 1971).

HERBARIUM DATA (FG). — 9 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 4419*.

INVENTORY DATA (FG). — 5 trees in 3 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 57.9$  cm.

[1805] *Vochysia sabatieri* Marc.-Berti  
(Fig. 60E)

*Pittieria* 18: 9 (Marcano-Berti 1989).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Nt: kopi kwali.

HERBARIUM DATA (FG). — 13 collections at CAY. Sel. exs.: *D. Sabatier 1170* (original material CAY[CAY024988, CAY024989], NY[00927585]).

INVENTORY DATA (FG). — 3 trees in 2 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 87$  cm.

[1806] *Vochysia softiae* Marc.-Berti & Poncy

*Pittieria* 40: 176 (Marcano-Berti & Poncy 2016).

NOTE. — Known only from French Guiana.

VERNACULAR NAMES. — Pa: â-seiminio-purubumna • Cr: kwali • Br: quaruba.

HERBARIUM DATA (FG). — 4 collections at CAY. Sel. exs.: *O. Tostain et al. 2725* (holo-, P[P04776153]; iso-, CAY[CAY101513, CAY101514, CAY101515], P[P04776154]), 35 m.

[1807] *Vochysia speciosa* Warm.

*Fl. Bras. [Martius]* 13 (2): 79 [1 Mar. 1875] (Warming 1875).

HERBARIUM DATA (FG). — 5 collections at CAY. Sel. exs.: *P.A. Poiteau s.n.* (original material G[G00343253, G00343255], K[K000565944], M[M0239555], P[P00733917, P00733918]).

SIZE. — Up to 45 m tall (Marcano-Berti 1998).

[1808] *Vochysia surinamensis* Stafleu

*Meded. Bot. Mus. Herb. Rijks Univ. Utrecht* 95: 439 (Stafleu 1948).

VERNACULAR NAMES. — Ka: wosiwosi • Wp: malakapuli'i • Nt: mutende kwali • Cr: kwali • Fr: couali.

HERBARIUM DATA (FG). — 17 collections at CAY. Sel. exs.: *D. Sabatier & M.-F. Prévost 2942*.

INVENTORY DATA (FG). — 29 trees in 14 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 96.8$  cm.

[1809] *Vochysia tetraphylla* (G.Mey.) DC.

*Prodr. [A. P. de Candolle]* 3: 27 [mid Mar. 1828] (Candolle 1828). — *Cucullaria tetraphylla* G.Mey., *Prim. Fl. Esseq.* 12 [Nov. 1818] (Meyer 1818).

*Vochysia arcuata* Garcke, *Linnaea* 22: 58 (Garcke 1849).

NOTE. — Known only from the Guiana Shield.

VERNACULAR NAMES. — Ka: woto kuwalili.

HERBARIUM DATA (FG). — 8 collections at CAY. Sel. exs.: *D. Sabatier 990*.

SIZE. — Up to 100 cm  $dbh$  (Marcano-Berti 1998).

[1810] *Vochysia tomentosa* (G.Mey.) DC.

*Prodr. [A. P. de Candolle]* 3: 26 [mid Mar. 1828] (Candolle 1828). — *Cucullaria tomentosa* G.Mey., *Prim. Fl. Esseq.* 13 [Nov. 1818] (Meyer 1818).

VERNACULAR NAMES. — Ka: kuwali, kwali, walapa kuwalili, wosiwosi tamunen • Wp: kwali, kwali e'e, kwali pilã, kwali pitã • Nt: wana kwali • Cr: kwali • Fr: couali • Br: quaruba.

HERBARIUM DATA (FG). — 36 collections at CAY. Sel. exs.: *L.C. Richard s.n.* (original material P[P00733963, P00733965]).

INVENTORY DATA (FG). — 74 trees in 28 plots;  $F_{\max} = 2.1\%$ ;  $dbh_{\text{inv}} = 133$  cm.

[1811] *Vochysia vismiifolia* Spruce ex Warm.

*Fl. Bras. [Martius]* 13 (2): 99 [1 Mar. 1875] (Warming 1875), “*vismiaefolia*”.

NOTE. — Hyperdominant in Amazonia (ter Steege *et al.* 2020).

VERNACULAR NAMES. — Br: quaruba-vermelha.

HERBARIUM DATA (FG). — 2 collections at CAY. Sel. exs.: *J.-J. de Granville 5550*.

INVENTORY DATA (FG). — 10 trees in 5 plots;  $F_{\max} < 1\%$ ;  $dbh_{\text{inv}} = 43.6$  cm.



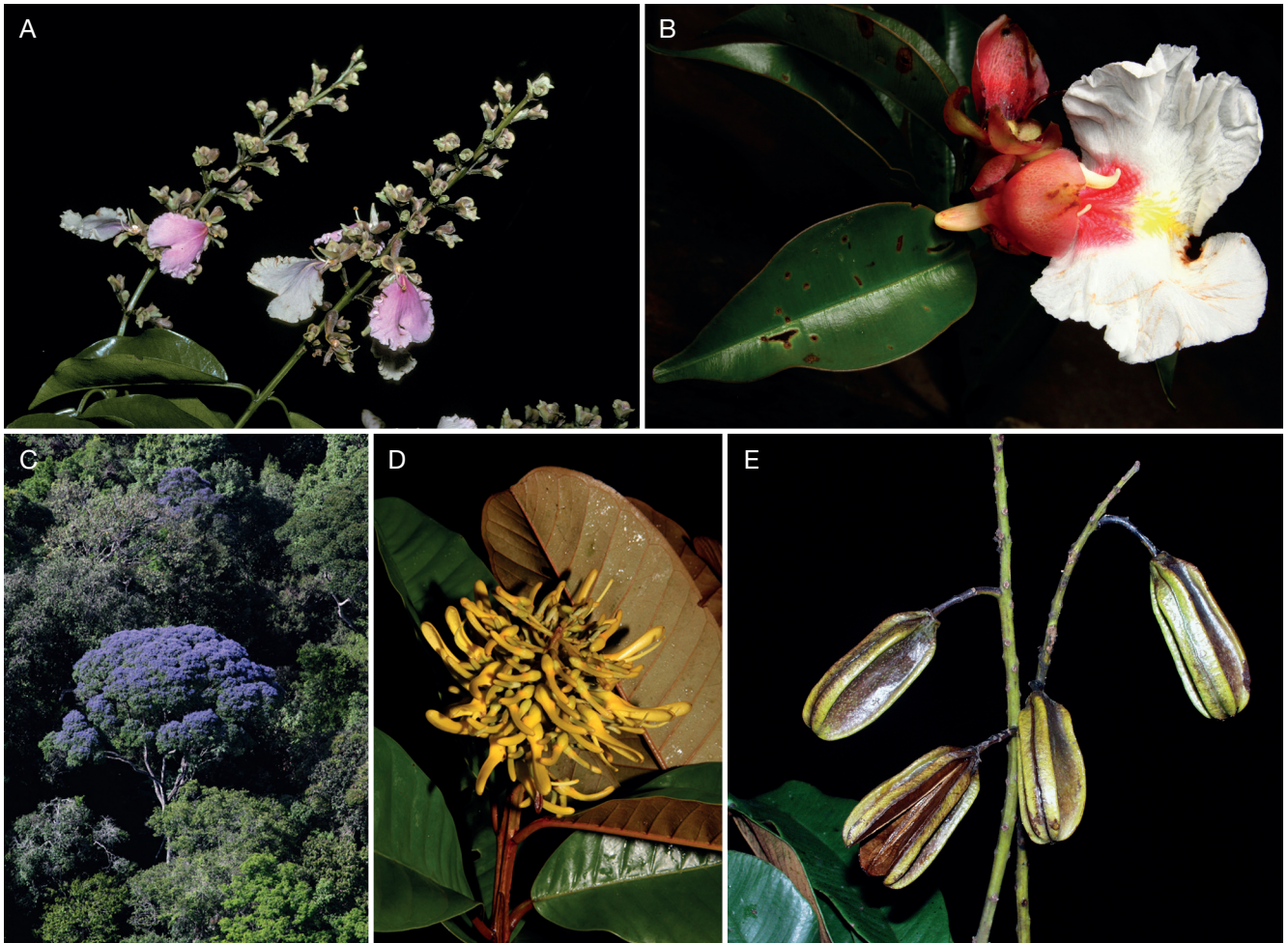


FIG. 60. — Vochysiaceae: **A**, *Qualea amapaensis* Balslev & S.A.Mori (M.-F. Prévost & D. Sabatier 2755); **B**, *Qualea tricolor* Benoist (D. Sabatier 6341); **C**, *Qualea moriboomiorum* Marc.-Berti; **D**, *Vochysia densiflora* Spruce ex Warm.; **E**, *Vochysia sabatieri* Marc.-Berti (D. Sabatier & M.-F. Prévost 4850). © D. Sabatier/IRD.

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APPENDIX 1. — List of Exsiccatae. The numbers between square brackets (**in green**) refer to accepted taxa, as numbered in the checklist/Liste des Exsiccatae. Les numéros entre crochets (**en vert**) font référence aux taxons acceptés, tels que numérotés dans le catalogue.

- Acevedo-Rodríguez P. et al.* 4871 [1580], 4911 [1592], 5012 [1578], 6130 [135]  
*Acosta L. & González L.A.* 14 [1283]  
*Adão Teixeira L.O.* 943 [1553]  
*Aguilar R.* 2961 [1037]  
*Allorge L. & Rombold J.* 335 [111]  
*Alvarez A.* 2510 [258]  
*Andersson L.* 1993 [1476]  
*Angel G.* 29 [1792]  
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## Appendix 1. — Continuation.

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*Martínez Sequeira K.* 280 [1710]  
*Mélinon E.M.* *s.n.* (F0063306F) [439], *s.n.* (G00367876) [961], *s.n.* (K000329677) [1095], *s.n.* (P00053272) [1716], *s.n.* (P00077245) [596], *s.n.* (P00089172) [1738], *s.n.* (P00093864, P00093865) [389], *s.n.* (P00093869) [395], *s.n.* (P00115935) [64], *s.n.* (P00163092) [1294], *s.n.* (P00199448) [939], *s.n.* (P00542463) [1352], *s.n.* (P00624725) [1207], *s.n.* (P00640597) [1656], *s.n.* (P00647901) [1658], *s.n.* (P00649246) [1631], *s.n.* (P00649260) [1637], *s.n.* (P00711133) [673], *s.n.* (P00745439) [666], *s.n.* (P00745621) [584], *s.n.* (P00745675) [632], *s.n.* (P00745952) [325], *s.n.* (P00746050) [336], *s.n.* (P00746074) [345], *s.n.* (P00746107) [352], *s.n.* (P01818703) [1048], *s.n.* (P01900083) [705], *s.n.* (P03275721) [134], *s.n.* (P04848420) [263], 8a (1845) [815], 13 [322], 19 (1864) [81], 42 (1862) [1606], 59 [723], 108 (1863) [1667], 132 (1842) [295], 137 (1877) [421], 147 (1845) [1359], 170 [434], 178 (1842) [1073], 204 (1842) [597], 230 (1842) [261], 250 (1842) [199], 453 (1862) [844], 488 (1862) [1299]  
*Molino J.-F.* (*et al.*) 731 [395] (see [396]), 907 [606], 921 [224], 936 [395] (see [396]), 938 [1103], 1107 [819], 1155 [136], 1181 [16], 1197 [72], 1198 [1668], 1363 [613], 1556 [390], 1617 [1696], 1661 [287], 1703 [69], 1725 [702], 1766 [1764], 1769 [1425], 1852 [1552] (Fig. 52D), 1924 [868], 1948 [394], 1968 [56], 1981 [1305], 1987 [885], 1991 [10], 1993 [1443], 1994 [253], 1995 [1688], 2007 [1179], 2041 [1514] (Fig. 51C), 2070 [1095] (Fig. 37A), 2071 [1326], 2075 [1273], 2076 [1615], 2083 [226], 2086 [255], 2096 [664], 2099 [1340] (Fig. 44A), 2108 [1369], 2112 [1077], 2116 [1263], 2124 [767], 2130 [1416], 2133 [77], 2143 [823], 2144 [1466], 2147 [653], 2158 [77] (Fig. 8C), 2164 [1508] (Fig. 51A), 2173 [1013], 2174 [1513], 2218 [1315], 2230 [491], 2235 [1227], 2246 [963] (Fig. 32F), 2248 [215] (Fig. 13A), 2249 [1214] (Fig. 41B), 2250 [1496], 2254 [1182], 2255 [533] (Fig. 23D), 2262 [636] (Fig. 27A, B), 2267 [1183] (Fig. 39D), 2270 [1085], 2284 [210], 2287 [954], 2290 [38], 2307 [520], 2309 [1262], 2319 [682], 2329 [1313], 2332 [1127], 2335 [1087], 2337 [1759], 2349 [1517], 2365 [503] (Fig. 23A), 2367 [559] (Fig. 25C), 2399 [836], 2401 [1564], 2403 [893], 2417 [639], 2419 [557], 2436 [19], 2437 [1036], 2438 [594], 2442 [1282] (Fig. 42C), 2448 [123], 2461 [1256] (Fig. 42A), 2464 [61] (Fig. 8A), 2469 [1543] (Fig. 52B), 2484 [616] (Fig. 53B), 2496 [1190], 2505 [1124] (Fig. 38C), 2531 [473], 2657 [1261], 2661 [1365], 2664 [991], 2673 [869], 2679 [1003], 2693 [454], 2696 [870], 2713 [80] (Fig. 8D), 2708 [675], 2714 [1260], 2716 [614], 2719 [627], 2736 [65] (Fig. 8B), 2751 [677], 2773 [656] (Fig. 27C, D), 2788 [1713], 2797 [1139], 2803 [601], 2810 [553], 2815 [1078], 2816 [622], 2834 [579] (Fig. 26B), 2844 [1428] (Fig. 48C), 2846 [981], 2850 [251], 2869 [678], 3305 [835], 3309 [621], 3313 [240], 3315 [774], 3325 [871], 3328 [854] (Fig. 30F), 3329 [985] (Fig. 33D), 3333 [578], 3352 [581], 3366 [679], 3371 [568] (Fig. 26A), 3372 [393] (Fig. 18E) (see [396]), 3375 [659], 3382 [1453] (Fig. 49E), 3397 [660], 3406 [619] (Fig. 26D-F), 3423 [681], 3429 [556] (Fig. 25B), 3430 [1273] (Fig. 41D, E).

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- Pacheco M. (et al.) 43 [1310], 96 [1222]
- Paget D. 201 [1264], 204 [1266]
- Patris J.-B. s.n. (G00133858) [162], s.n. (G00201576) [20], s.n. (G00207421) [1552], s.n. (G00208434), s.n. (G00211017) [488], s.n. (G00211384) [489], s.n. (G00222421) [1293], s.n. (G00368709) [569], s.n. (G00389893) [1363], s.n. (G-DC) [1493], s.n. (P02442059) [1554]
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- Pipoly J.J. (et al.) 10414 [373], 13026 [1246], 14832 [90]
- Pires J.M. 47466 [375], 48579 [685]
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## Appendix 1. — Continuation.

- (Fig. 20C), 1506 [1086], 1579 [1401], 1619 [935], 1628 [369], 1636 [438], 1693 [1736], 1718 [167], 1810 [361], 1858 [1074], 1873 [90], 1893 [457], 1910 [1046], 1964 [532], 2027 [268], 2032 [1472], 2057 [930], 2059 [1233], 2071 [1031], 2161 [11], 2169 [377], 2170 [1591], 2193 [221], 2249 [1330], 2280 [1545], 2356 [1558], 2360 [1276], 2377 [114], 2378 [1025], 2464 [814], 2564 [1646], 2610 [1028], 2625 [174], 2680 [108], 2705 [1131], 2719 [528], 2742 [376], 2744 [282], 2755 [1790] (Fig. 60A), 2763 [971], 2767 [638], 2773 [58], 2780 [1153], 2787 [1690], 2789 [311], 2792 [1565], 2805 [733], 2815 [1614], 2817 [896], 2818 [837], 2839 [490], 2848 [877], 2912 [978], 2946 [778], 2950 [924], 2956 [47], 2961 [689], 2966 [894], 2970 [534], 2973 [1629], 2987 [1708] (Fig. 56A), 2990 [481], 2992 [308] (Fig. 17C), 2994 [290], 2996 [1011], 3002 [299] (Fig. 17B), 3007 [812], 3010 [1402] (Fig. 46C), 3064 [1530], 3075 [1772], 3127 [1058], 3198 [1797], 3207 [951], 3278 [225], 3301 [583], 3302 [1557], 3329 [1099], 3330 [13], 3379 [31], 3385 [1332] (Fig. 43B), 3423 [1506], 3442 [912], 3456 [498], 3479 [1577], 3500 [536] (Fig. 24B), 3527 [381], 3567 [1398], 3655 [1761], 3667 [929], 3687 [1314], 3742 [34], 3753 [1509], 3756 [834], 3768 [1386], 3775 [1201], 3778 [1462], 3781 [1523], 3840 [746], 3845 [992], 3847 [505], 3856 [292] (Fig. 17A), 3900 [1], 3964 [1723], 3968 [431], 3986 [1211] (Fig. 41A), 3988 [387], 3990 [384], 3996 [1339], 4000 [1421] (Fig. 47A), 4014 [1044], 4023 [382], 4056 [380], 4058 [1] (Fig. 6A), 4059 [922], 4065 [788], 4081 [1398] (Fig. 45D), 4166 [1608], 4194 [1173], 4214 [702] (Fig. 29B), 4257 [707] (Fig. 29C), 4262 [1394], 4274 [211], 4304 [1664], 4324 [1785], 4435 [867] (Fig. 31A), 4341 [458], 4440 [1709], 4450 [1021], 4465 [852], 4470 [519], 4476 [418], 4478 [245] (Fig. 15A), 4484 [216] (Fig. 12C), 4517 [1718] (Fig. 56B), 4523 [1167], 4550 [398], 4566 [218] (Fig. 13B), 4580 [1008], 4587 [1770] (Fig. 59D), 4604 [1512], 4615 [697] (Fig. 29A), 4623 [1364], 4647 [1620], 4660 [1259], 4662 [466], 4664 [1340], 4671 [441], 4684 [1431], 4686 [1483], 4695 [756] (Fig. 30A), 4701 [53] (Fig. 7D), 4720 [696], 4734 [1499] (Fig. 50D), 4743 [112] (Fig. 9B), 4766 [760] (Fig. 30B), 4792 [475], 4801 [17] (Fig. 6D), 4804 [429] (Fig. 20B), 4818 [169] (Fig. 11B), 4819 [1066], 4822 [551], 4826 [703] (Fig. 28D), 4891 [560], 4895 [407], 4928 [1066] (Fig. 36B), 4936 [230], 4939 [831], 4952 [200] (Fig. 12B), 4976 [795], 5001 [1100] (Fig. 37B), 5014 [477], 5313 [398] (Fig. 19A), 5314 [1301] (Fig. 42D), 5329 [248] (Fig. 15B)
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 Rabelo B.V. (et al.) 2278 [1219], 3741 [532]  
 Ratter J.A. et al. 5672 [1050]  
 Redden K.M. et al. 3306 [883]  
 Richard H. (et al.) 70 [757], 432 [504], 622 [235], 674 [478]  
 Richard L.C. s.n. (B-W07804-000) [575] (see [568]), s.n. (BR0000005221189) [1098], s.n. (BR0000005221417) [1097], s.n. (P00106269) [228], s.n. (P00106270) [227], s.n. (P00115932) [68], s.n. (P00117101) [1566], s.n. (P00199195) [753], s.n. (P00645147) [96], s.n. (P00645496) [1621], s.n. (P00662838) [605], s.n. (P00733963) [1810], s.n. (P00745942) [321], s.n. (P00746083) [344], s.n. (P00835780) [965], s.n. (P00836504) [1481], s.n. (P00836846) [1461], s.n. (P01901082) [223], s.n. (P01901181, P01901182) [371], s.n. (P02142909) [805], s.n. (P02274150) [1129], s.n. (P02288037) [1120], s.n. (P02440864) [193], s.n. (P03465179) [796], s.n. (P03821428) [1444], s.n. (P03892077) [419], s.n. (P03892659) [426], s.n. (P03914186) [1446], s.n. (P04734493) [1555], s.n. (P04821776 ?) [1533], s.n. (P05071041) [365], s.n. (P05574226) [499], 25 [1229], 63 [1301], 76 [1246], 77 [1250]  
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 Rohr J.P.B. von s.n. (B-W11701-020) [567], s.n. (BM000541108) [860], s.n. (BM000541200) [816], s.n. (BM000617503) [292], s.n. (C10012170) [864], s.n. (C10012171) [867], s.n. (C10015707) [1249], 125 [1671]  
 Rosa N.A. (et al.) 1834 [1388], 2812 [33]  
 Rudas L. A. 3391 [1554]  
 Rudge E. s.n. (BM001008906) [1488]  
 Sabatier D. (et al.) 28 [1147], 823 [1702] (Fig. 55E), 824 [953], 828 [1274], 839 [947], 842 [543], 844 [451], 854 [866], 858 [1267], 865 [915], 876 [257], 889 [9], 922 [51], 925 [326], 931 [1206], 960 [1208], 965 [2], 981 [98], 984 [1604], 990 [1809], 996 [711], 1001 [207], 1009 [776], 1018 [800], 1027 [1618], 1031 [976], 1051 [1731], 1052 [813], 1055 [232] (Fig. 14A), 1098 [1669], 1106 [1674], 1170 [1805], 1196 [176], 1213 [1653], 1219 [1655], 1220 [564], 1221 [1633] (Fig. 54D), 1234 [449] (Fig. 22A), 1237 [460], 1242 [783], 1249 [1051], 1266 [1695], 1267 [1627], 1277 [698], 1345 [393] (see [396]), 1351 [1686], 1354 [214], 1363 [384] (see [396]), 1423 [1342], 1424 [1041] (Fig. 36A), 1430 [1650], 1433 [1480], 1462 [1794], 1464 [1610], 1488 [1663], 1512 [658], 1516 [1659], 1528 [1689], 1539 [307], 1541 [1361], 1546 [957], 1559 [875], 1637 [1662], 1648 [1558] (Fig. 53A), 1671 [911], 1672 [972], 1684 [962], 1691 [122] (Fig. 9D), 1741 [1660], 1772 [1705], 1836 [216], 1843 [1673], 1853 [1634], 1856 [97], 1877 [1336], 1917 [588], 1973 [680], 2088 [463] (Fig. 22D), 2100 [1539], 2102 [1571] (Fig. 53C), 2116 [1442], 2121 [927], 2147 [624], 2152 [249], 2157 [794], 2159 [1205], 2173 [887], 2185 [840], 2189 [1757], 2194 [898], 2198 [187], 2203 [1779], 2216 [1039] (Fig. 35D), 2233 [1093], 2241 [1630], 2246 [1174], 2248 [654], 2249 [1279], 2255 [1707], 2259 [399], 2263 [464], 2267 [131], 2268 [453], 2270 [303], 2278 [219], 2279 [919], 2281 [745], 2283 [401] (Fig. 19C), 2294 [1094], 2300 [413], 2302 [940], 2306 [608], 2308 [748], 2312 [1788], 2316 [762], 2317 [549], 2321 [1537], 2329 [1381], 2332 [564] (Fig. 25D), 2338 [1706], 2339 [1638], 2341 [1377], 2343 [1693], 2344 [628], 2346 [497], 2347 [340], 2372 [857],



2417 [308], 2447 [921], 2448 [918], 2450 [1665], 2495 [657], 2510, 2529 [718], 2530 [437], 2537 [333], 2538 [1427] (Fig. 48B), 2541 [250], 2559 [612], 2560 [49], 2561 [980], 2568 [1601], 2569 [847], 2575 [379] (Fig. 18B), 2578 [1010], 2585 [1148], 2602 [202], 2611 [830], 2617 [1652], 2645 [1682], 2696 [1602], 2703 [1389], 2716 [1135], 2718 [833], 2751 [662], 2753 [1766], 2760 [1333], 2780 [312], 2800 [1196], 2831 [1424], 2842 [966], 2872 [1583], 2876 [810], 2882 [112], 2889 [1619], 2894 [1054], 2895 [1701], 2898 [385], 2901 [1518], 2927 [213], 2930 [332], 2942 [1808], 2944 [1347], 2947 [482], 2956 [1322], 2958 [661], 2970 [330], 2973 [1639], 2979 [633], 3005 [357], 3007 [1387] (Fig. 46A), 3012 [1089], 3016 [105], 3021 [231] (Fig. 13D), 3022 [1426] (Fig. 48A), 3035 [358], 3048 [241] (Fig. 14D), 3064 [107], 3065 [1377] (Fig. 45A), 3081 [349], 3086 [874], 3090 [1137], 3102 [1275], 3113 [50], 3117 [229], 3125 [273], 3146 [6], 3161 [75], 3165 [983], 3169 [1337], 3209 [206], 3215 [277], 3219 [1018], 3243 [316], 3253 [1584], 3262 [809], 3296 [296], 3298 [1636], 3306 [42], 3308 [78], 3319 [1703], 3333 [1133], 3346 [829], 3348 [1569], 3354 [393] (see [396]), 3370 [687], 3379 [339], 3382 [179], 3391 [704], 3394 [967], 3400 [1500], 3407 [1677], 3414 [1189], 3420 [900], 3422 [1624], 3426 [1166], 3500 [670], 3502 [1766] (Fig. 59B, C), 3516 [925] (Fig. 31F), 3519 [1617], 3521 [700], 3524 [1644], 3526 [994] (Fig. 34D), 3528 [39], 3533 [1643] (Fig. 55A), 3535 [1611], 3536 [736], 3540 [455] (Fig. 22B), 3547 [1012], 3550 [790], 3553 [1621] (Fig. 54B), 3554 [1440] (Fig. 49B), 3556 [1385], 3562 [355], 3564 [909], 3568 [450], 3571 [1156], 3573 [693], 3574 [1069], 3575 [806], 3756 [106] (Fig. 9A), 3589 [530], 3593 [623], 3640 [859], 3648 [1694], 3651 [1692], 3657 [319], 3658 [1590], 3660 [63], 3663 [1579], 3670 [1265], 3678 [913], 3692 [1191], 3758 [938], 3762 [1285], 3766 [969], 3780 [609], 3788 [1075] (Fig. 36D), 3797 [699], 3833 [1323], 3850 [347], 3855 [1586], 3857 [310], 3886 [1649], 3896 [979], 3937 [93], 3944 [1185], 3946 [654] (see [649]), 3951 [71] (Fig. 7C), 3953 [299], 3967 [897], 3983 [182], 4064 [1544], 4066 [538], 4068 [552], 4072 [215], 4087 [94], 4124 [792], 4126 [459], 4137 [895], 4170 [1019], 4177 [721], 4200 [626], 4201 [1470], 4221 [424], 4226 [828], 4234 [306], 4282 [817], 4356 [979] (Fig. 32E), 4359 [86], 4361 [849], 4370 [577], 4381 [380] (Fig. 18D), 4385 [892], 4393 [697], 4403 [1040], 4404 [724] (Fig. 29D), 4419 [1804], 4421 [471], 4423 [510], 4424 [128], 4425 [737], 4426 [184], 4427 [907], 4429 [467], 4432 [628] (see [649]), 4432, 4434 [652], 4451 [171], 4457 [443], 4462 [1642], 4604 [580], 4608 [1200] (Fig. 40C), 4620 [1605] (Fig. 54A), 4622 [843], 4623 [1329], 4631 [1582], 4675 [975], 4682 [57], 4707 [500], 4712 [1573], 4715 [136] (Fig. 10A), 4780 [1271], 4781 [523], 4786 [252] (Fig. 15C), 4792 [1438] (Fig. 49A), 4794 [1635], 4805 [1341] (Fig. 44B), 4807 [1074] (Fig. 36C), 4815 [743], 4820 [1024] (Fig. 35B), 4826 [163], 4829 [405], 4830 [496], 4834 [320], 4835 [340] (Fig. 17D), 4836 [780], 4839 [1451] (Fig. 49C), 4841 [1385] (Fig. 45C), 4846 [1755] (Fig. 58C), 4848 [472], 4850 [1805] (Fig. 60E), 4853 [899], 4857 [516], 4861 [713], 4862 [998] (Fig. 34C), 4863 [984] (Fig. 33C), 4868 [851] (Fig. 30E), 4872 [397], 4873 [1760], 4874 [1798], 4880 [1338], 4891 [402] (Fig. 19D), 4896 [262], 4897 [452], 4910 [663], 4914 [1138], 4921 [144] (Fig. 10C), 4925 [1422] (Fig. 47B), 4926 [1015], 4928 [1469] (Fig. 50A), 4932 [278] (Fig. 16D), 4935 [1509] (Fig. 51B), 4945 [714], 4951 [1391] (Fig. 46B), 4958 [880], 4962 [968], 4964 [472] (Fig. 22C), 4977 [1358], 5001 [1424] (Fig. 47C), 5002 [222] (Fig. 13C), 5005 [1645], 5006bis [1540] (Fig. 52C), 5012 [1155], 5016 [1735] (Fig. 58A), 5017 [408], 5025 [159], 5026 [759], 5027 [1473], 5029 [1319], 5045 [1658] (Fig. 55B), 5046 [908], 5047 [54], 5049 [353], 5055 [781], 5070 [173] (Fig. 11D), 5071 [1354] (Fig. 44C), 5072 [683], 5076 [1593] (Fig. 53D), 5078 [670] (Fig. 27F), 5079 [291], 5082 [1334], 5086 [1372] (Fig. 43D), 5099 [585], 5101 [917], 5104 [986] (Fig. 34A), 5117 [1683], 5127 [645], 5128 [1661], 5130 [1641], 5134 [1603], 5135 [655], 5136 [1801], 5137 [1741] (Fig. 58B), 5139 [7], 5161 [1187], 5187 [1531] (Fig. 52A), 5194 [208], 5197 [1365] (Fig. 44D), 5198 [494] (Fig. 21D), 5201 [206] (Fig. 12D), 5202 [541], 5203 [181] (Fig. 12A), 5204 [1198] (Fig. 40B), 5205 [198], 5229 [485] (Fig. 21C), 5246 [443] (Fig. 21A), 5250 [1005], 5252 [651], 5262 [1612], 5276 [234], 5300 [317], 5304 [46] (Fig. 7B), 5307 [1452] (Fig. 49D), 5321 [73], 5322bis [1678], 5332 [1609], 5334 [1335], 5340 [695] (Fig. 28B), 5341 [270] (Fig. 16C), 5347 [635], 5370 [278], 5371 [1625] (Fig. 54C), 5381 [1128], 5385 [1651], 5387 [76], 5399 [1128], 5402 [88], 5403 [1370], 5411 [1321], 5421 [1035] (Fig. 35C), 5527 [1433] (Fig. 48D), 5530 [1007], 5541 [1668] (Fig. 55D), 5545 [1411] (Fig. 46D), 5550 [1698], 5552 [1719], 5554 [1697], 5555 [180], 5556 [960], 5571 [882], 5572 [807], 5573 [1775] (Fig. 59E), 5574 [545] (Fig. 24D), 5575 [995] (Fig. 34E), 5588 [163] (Fig. 11A), 5589 [914], 5590 [1464], 5591 [587], 5595 [391], 5597 [133], 5609 [172] (Fig. 11C), 5616 [1328] (Fig. 43A), 5620 [1088], 5625 [1186], 5628 [1699], 5629 [301], 5634 [275], 5641 [1733] (Fig. 57D), 5642 [1538], 5647 [423] (Fig. 20A), 5648 [1140], 5649 [70], 5651 [1613], 5653 [958], 5662 [586] (Fig. 26C), 5671 [886] (Fig. 31B), 5672 [1524] (Fig. 51E), 5683 [1546], 5692 [259], 5702 [1136] (Fig. 38D), 5703 [376] (Fig. 18A), 5705 [445], 5707 [630], 5708 [284] (Fig. 16E), 5717 [1657], 5722 [827], 5723 [139] (Fig. 10B), 5727 [676], 5728 [359], 5738 [987] (Fig. 34B), 5747 [1520] (Fig. 51D), 5750 [348], 5755 [1144] (Fig. 37D), 5760 [514] (Fig. 23C), 5762 [364], 5778 [1367], 5780 [1243] (Fig. 41C), 5782 [540] (Fig. 24C), 5785 [904] (Fig. 31C), 5792 [435], 5793 [1156] (Fig. 39B), 5794 [1257] (Fig. 42B), 5799 [396], 5802 [524], 5803 [448], 5805 [1734], 5806 [479], 5812 [1320], 5843 [1675], 5852 [1723] (Fig. 56C), 5877 [983] (Fig. 33B), 5891 [781] (Fig. 30C), 6003 [237], 6007 [1121] (Fig. 38B), 6009 [932] (Fig. 32B), 6013 [506] (Fig. 23B), 6043 [233] (Fig. 14B), 6045 [981] (Fig. 33A), 6109 [6] (Fig. 6C), 6122 [1632], 6137 [911] (Fig. 31E), 6161 [1113] (Fig. 38A), 6272 [1800], 6283 [931] (Fig. 32A), 6330 [237] (Fig. 14C), 6341 [1796] (Fig. 60B).

## Appendix 1. — Continuation.

- Sagot P.A. s.n.* (P00115911) [65], *s.n.* (P00745955) [324], *s.n.* (P03110846) [920], *s.n.* (P05483039) [483], *s.n.* (P06753650) [1176], 102 (1857) [989], 164 (Aug. 1855) [821], 215 (1857) [1212], 220 (1858) [1091], 259 [1217], 269 (1854) [701], 272 (Jan. 1857) [1218], 447 (Dec. 1856) [429], 491 (1857) [643], 792 (Aug. 1855) [281], 802 (1856) [761], 861 (1855) [1740], 916 (May 1856) [137], 924 (1856) [1106], 940 (1856) [85], 956 (1858) [604], 966 (Sep. 1856) [109], 973 (1956) [12], 978 (Oct. 1856) [650], 987 (P05206288) [1056], 990 (Nov. 1856) [1752], 1037 [787], 1047 (1857) [1589], 1095 (Oct. 1857) [43], 1104 (1858) [709], 1137 (1857), 1182 (1858) [374], 1188 (Aug. 1858) [1574], 1189 (1858) [1681], 1190 (Aug. 1858) [603], 1191 (Aug. 1858) [209], 1194 (1857) [1585], 1195 (Sep. 1858) [1203], 1198 (1858) [1368], 1199 [955], 1202 (Oct. 1858) [17], 1203 (May 1858) [1105], 1214 (Jan. 1859) [1563], 1229 (Mar. 1859) [493]
- Sánchez S. M. et al.* 1653 [1302]
- Sanoja E.* 2708 [1303]
- Sastre C. (et al.)* 265 [1763], 1621 [1560], 3852 [1507], 4009 [766], 4020 [1350], 4125 [542], 4146 [773], 4516 [1083], 4704 [1526], 6178 [1192], 6387 [1304], 6405 [1346], 8125 [949]
- Schnell R.A.A.* 12236 [87]
- Schomburgk M.R.(?) s.n.* (V0057797F) [907]
- Schomburgk R.H. s.n.* (K000264886, K000264887, K000264888) [907]
- Service Forestier M-23* [999], M-63 [103], M-207 [1643], 368M [765], 4005 [832], 4436 [776], 5118 [1232], 5147 [1286], 6096 [959], 7073 [191], 7075 [945], 7237 [289], 7445 [1725], 7603 [974], 7816 [576], 7855 [366], 7911 [1316]
- Silva N.T. & Brazão U.* 60788 [1231]
- Skog L.E. & Feuillet C.* 7440 [1475]
- Sperling C.R.* 6591 [1072]
- Spruce R.* 1817 [1420]
- Steyermark J.A.* 87845 [368]
- Stoupy D. s.n.* (MA475675) [490]
- Strudwick J.J. et al.* 3121 [41]
- Tavares A.S.* 289 [1732]
- Thomas W.W. et al.* 5247 [1220]
- Torke B. & Gonzalez S.* 191 [944]
- Tostain O. (et al.)* 1499 [686], 2725 [1806], 2818 [803]
- Unknown coll. s.n.* (FI005245) [641], *s.n.* (G00177583) [279], *s.n.* (G00201278) [35], *s.n.* (G00201449) [65], *s.n.* (G00210645) [389], *s.n.* (G00226077) [26], *s.n.* (P00631979) [1210], *s.n.* (P00646707) [121], *s.n.* (P01817729) [1288], *s.n.* (P02288143) [1126], *s.n.* (P02428546) [993], *s.n.* (P05308177) [192], *s.n.* (P06671081) [1562]
- Urrego L.E. et al.* 325 [1221]
- Vaillant A. s.n.* (P03464491) [878]
- van der Werff H. (et al.)* 5021 [1428], 12951 [590], 19273 [1744], 23493 [331], 23500 [649]
- Vicentini A.* 1008 [192]
- Villiers J.-F. (et al.)* 1873 [1269], 1974 [1343], 2086 [854]
- Wachenheim G., sér. 2,* 392 [1756], *sér. 3,* 11 [264], 88 [888], 93 [742], 99 [931], 149 [846], 201 [71], 359 [712], 372 [286]
- Westra L.Y.T.* 47298 [1525]
- Zaandam C.J.* 6298 [449]

APPENDIX 2. — Index of vernacular names. The numbers between brackets refer to accepted taxa, as numbered in the checklist/Index des noms vernaculaires. Les chiffres entre parenthèses renvoient aux taxons acceptés, tels que numérotés dans le catalogue.

A

a teki uman udu .....	[76]	abiurana-vermelha .....	[1605], [1664], [1675]
a'ì amiya .....	[728]	abiu-rosadinha .....	[1642]
a'ì kálátá'á .....	[128]	abriba .....	[31]
a'ì lea .....	[1750], [1756]	abriba-sovaj .....	[26]
a'ì makule .....	[562], [1719]	abrico-de-macaco .....	[696]
a'ì meyu .....	[499], [503]	abuluguni .....	[816], [818], [820]
a'ì mididju .....	[499], [501]	acácia .....	[933]
a'ì miniyu .....	[501]	acacia franc .....	[794]
a'ì pane .....	[967]	acacia mâle .....	[793], [913]
a'ì pino .....	[153]	açacu .....	[516]
a'ì walipi .....	[715]	açacurana .....	[802]
a'ì walipi sili .....	[716]	açaí-da-mata .....	[150]
a'ì yù'ì .....	[1205]	açaí-do-pará .....	[149]
a'ìpopita .....	[859]	acajou de Guyane .....	[1114]
ã-agag .....	[525]	acapú .....	[973]
aaku-gawut .....	[1323]	acapurana .....	[809], [967]
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abiu .....	[1646]	achiwa-kwali .....	[1803]
abiu-balatarana .....	[1629]	achuá .....	[541]
abiu-fofo .....	[1618]	açoita-cavalo .....	[1016]
abiu-giboia .....	[1652]	açucena-do-mato .....	[1489], [1490]
abiu-grande .....	[1670]	adai weko .....	[858]
abiu-maparajúba .....	[1680]	adamna .....	[1500]
abiu-pitomba .....	[1655]	ã-danó .....	[751], [982]
abiurana .....	[1599], [1604], [1641], [1644], [1655], [1668], [1674], [1688]	adugwe .....	[547], [943], [946], [948]
abiurana-abiu .....	[1616], [1666]	afa komu .....	[154]
abiurana-acariquara .....	[1646]	afasi boyti .....	[515]
abiurana-arana .....	[1650]	afatu adeeten .....	[496]
abiurana-bacuri .....	[1616]	agagut .....	[484], [557]
abiurana-balatatinha .....	[1690]	agagut-aška .....	[1535], [1785]
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abiurana-branca .....	[1637], [1662], [1666], [1703]	agandyaymay .....	[15]
abiurana-caju .....	[1616]	agi .....	[889], [890]
abiurana-camazal .....	[1686]	ã-gôgo .....	[107]
abiurana-casca-fina .....	[1666]	ã-griyó .....	[673]
abiurana-cascuda .....	[1678]	agu siton .....	[1490]
abiurana-cutiti .....	[1671]	agugagi .....	[246], [248]
abiurana-de-casca-grossa .....	[1669]	ahakyu .....	[1529], [1537]
abiurana-goabinha .....	[1632], [1673]	ahakyu-kamwi .....	[499], [1143]
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abiurana-jarani .....	[1667]	ahavuiye .....	[287], [292], [297]
abiurana-mocambo .....	[1605]	ahavuiye-seine .....	[292]
abiurana-roxa .....	[1632], [1640]	ahavuiye-wašiuene .....	[547]
abiurana-sapota .....	[1669]	ahayumna .....	[1102]
abiurana-seca .....	[1648]	ahayupná .....	[1098], [1102]
		ahikyu .....	[1529], [1537]

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.....	[209], [214], [215], [219]	akiki poa.....	[692]
ahuwahu-puvemna.....	[1137]	akiki'i .....	[926]
aigvan.....	[562]	akila'i.....	[399]
aigvan-kamwi.....	[561]	ako .....	[1389]
aimalaje.....	[181], [211], [216]	akojot.....	[1099]
aimyala posowepo .....	[1490]	aku-aiwut .....	[1248], [1285], [1604], [1628]
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aisili.....	[778]	akuli elepali .....	[331], [715]
aituwu.....	[1141]	akuli epa.....	[1438]
ā-ivuniat.....	[918]	akuli kiyeleli .....	[745]
aiyawa .....	[221]	akuli tumu .....	[1022], [1040]
ajará .....	[1597], [1598], [1706]	akuli wesepotapili.....	[1051]
ajawaimë .....	[15]	akuma .....	[106]
ājelic .....	[778]	akumalan .....	[114]
ajuru .....	[281], [282]	akusi ākänge.....	[95]
ajururana.....	[283]	akusi luway.....	[242], [1104]
aka'i.....	[1040]	akusi walapulu.....	[95]
akabdat .....	[245], [515]	akusi walapulu kanapua.....	[95]
ā-kabebeteye .....	[443]	akusi walapulu poko.....	[95]
akadjun .....	[8]	akusi walapulu tā'î .....	[95]
akajot .....	[1099]	akusi yeti .....	[1245], [1671]
akajou-blan .....	[1714]	akusi'i.....	[788]
akajou-lan .....	[762]	akwansiba.....	[1633]
akajou-rouj.....	[1114]	ala'a.....	[1318]
akalali.....	[1137]	alaidya.....	[81], [1252]
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akale pomi'idyi .....	[79]	alakapuli paindyali.....	[382], [389]
akale tapulala kili.....	[490], [1349]	alakubali.....	[247]
akale wewe .....	[1529]	alakuede .....	[196]
akami ekunali .....	[1492]	alakuheke .....	[196]
akami enulu .....	[1291]	alakuhele .....	[195], [196]
akamna.....	[592], [647]	alaluseli .....	[185], [188], [189], [196]
akamnā.....	[592], [647]	alakušini .....	[185], [196]
akamna-seinō .....	[643]	alākwā inga.....	[863]
akamnā-seinō .....	[643]	alala kā'i.....	[96], [98], [103]
ā-kamwi .....	[1121], [1126], [1717]	alala kā'i sili .....	[1426]
akapna.....	[592], [647]	alala munuwi.....	[404], [407], [411]
akapna-seinō .....	[643]	alala munuwi sili .....	[400]
akapu .....	[973]	alalawaju .....	[945]
ā-kasiuminio .....	[434]	alali .....	[1318]
akasya.....	[733], [805]	alali lā.....	[992]
akasya-fran .....	[794]	alama'i.....	[267]
akau .....	[1038]	alamā'i.....	[652]
akau pepen .....	[1040]	alamakulu alami .....	[1496]
akaya.....	[13]	alamilu .....	[1223], [1298]
akayu.....	[8]	alamilulan .....	[884]
akayu u.....	[7], [9]	alamulu .....	[912]
akayuu.....	[7], [9]	alamulu pilā .....	[916]
akepiimyo.....	[1440]	alamulu si.....	[912]
ā-kiaivū.....	[279], [354], [357]	alamulu sili.....	[911]
ā-kiaivunō .....	[279], [354], [357]	alaone.....	[162]
ā-kiaivunō-tivarabuyenë .....	[333]	alapalapa .....	[96]

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alapali.....	[877], [883]	aliwa'u.....	[188], [196], [202]
alapokwa'i.....	[779], [785]	aliwatso tawa .....	[1099]
alapokwa'i wu.....	[915]	aliwe puman.....	[794]
alasingun.....	[30]	aliyana'i.....	[751], [944], [945], [947], [952]
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alasiiku sili.....	[1145]	almecegueira-do-brejo .....	[210]
alasiityu.....	[30]	almesclão.....	[181]
alasiityulan.....	[28]	alokoyulu.....	[1529]
alata udu.....	[1373]	altinha.....	[439]
alatapa.....	[878]	aluau.....	[174]
alatapali.....	[877], [883]	alukaju.....	[41]
alataweli.....	[1373]	alukasi.....	[208]
alatluka.....	[429], [432]	aluko wonale.....	[427]
alaulama.....	[784], [959]	aluku elepali.....	[1368]
alauna.....	[309]	alukumali.....	[247]
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alawata busulukulu.....	[824], [856]	alupkamata.....	[598]
alawata emulutano.....	[129]	aluti.....	[1210]
alawata muleli.....	[740], [959], [1550]	alwaso.....	[1099]
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alawata posu:lukulu.....	[824], [856], [863]	ama'i.....	[1737]
alawata pupot.....	[824]	ama'i átā.....	[1740]
alawata uhmot.....	[794]	amaba.....	[121]
alawone.....	[159], [162]	amākiya sili.....	[598]
alekikolan.....	[1532], [1547]	amakui.....	[96]
alekosin.....	[533]	amala'i.....	[1099]
alemenango wewe.....	[501]	amanda.....	[403]
alemikilan.....	[1496], [1522]	amandaa.....	[403]
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<i>Bactris pavoniana</i>	390	<i>Bellucia nervosa</i>	560
<i>Bactris sciophila</i>	391	<i>Bellucia quinquenervia</i>	560
<i>Bactrylobium grande</i>	508	<i>Bellucia subrotundifolia</i>	560
<i>Bactrylobium molle</i>	508	<i>Bellucia superba</i>	560
<i>Badamia commersonii</i>	441	<i>Bernardia denticulata</i>	457
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<i>Bagassa sagotiana</i>	583	<i>Bertholletia nobilis</i>	492
<i>Bagassa tiliifolia</i>	583	<i>Besleria caerulea</i>	722
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<i>Batocarpus maranhensis</i>	583	<i>Bocageopsis multiflora</i>	370
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<i>Bellucia circumscissa</i>	560	<i>Bombax flaviflorum</i>	556
<i>Bellucia egensis</i>	559	<i>Bombax globosum</i>	553
<i>Bellucia grossularioides</i>	560	<i>Bombax guineense</i>	552
<i>Bellucia hostmannii</i>	560	<i>Bombax macrocalyx</i>	556
<i>Bellucia macrophylla</i>	560	<i>Bombax macrocarpum</i>	556
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<i>Bombax rigidifolium</i> . . . . .	556	<i>Brosimum platyneurum</i> . . . . .	584
<i>Bombax sclerophyllum</i> . . . . .	553	<i>Brosimum rigidum</i> . . . . .	584
<i>Bombax spruceanum</i> . . . . .	556	<i>Brosimum rotundatum</i> . . . . .	583
<i>Bombax surinamense</i> . . . . .	553	<i>Brosimum rubescens</i> . . . . .	584
<i>Bonafousia attenuata</i> . . . . .	386	<i>Brosimum tessmannii</i> . . . . .	583
<i>Bonafousia latiflora</i> . . . . .	386	<i>Brosimum utile</i> subsp. <i>ovatifolium</i> . . . . .	584
<i>Bonafousia obliqua</i> . . . . .	387	<i>Brosimum velutinum</i> . . . . .	583
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<i>Bowdichia guianensis</i> . . . . .	513	<i>Buchenavia macahensis</i> . . . . .	443
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<i>Britoa acida</i> . . . . .	625	<i>Buchenavia parvifolia</i> . . . . .	443
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<i>Brosimum caloxylon</i> . . . . .	584	<i>Buena obtusifolia</i> . . . . .	653
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<i>Brosimum guianense</i> . . . . .	583	<i>Buena triflora</i> . . . . .	653
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<i>Byrsonima amazonica</i> var. <i>lucidula</i> . . . . .	548	<i>Byrsonima spicata</i> f. <i>propinqua</i> . . . . .	549
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<i>Byrsonima coriacea</i> f. <i>eglandulosa</i> . . . . .	550	<i>Cabralea eichleriana</i> var. <i>macrantha</i> . . . . .	572
<i>Byrsonima coriacea</i> f. <i>propinqua</i> . . . . .	549	<i>Cabralea erismatica</i> . . . . .	572
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<i>Byrsonima cotinifolia</i> . . . . .	548	<i>Cabralea gaudichaudii</i> . . . . .	572
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<i>Byrsonima fagifolia</i> . . . . .	548	<i>Cabralea lundii</i> . . . . .	572
<i>Byrsonima fendleri</i> . . . . .	548	<i>Cabralea macrantha</i> . . . . .	572
<i>Byrsonima ferruginea</i> . . . . .	548	<i>Cabralea macrophylla</i> . . . . .	572
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<i>Fagara pubescens</i>	670	<i>Faramea sertulifera</i>	657
<i>Fagara regnelliana</i>	671	<i>Faramea sessiliflora</i> var. <i>pedunculata</i>	658
<i>Fagara regnelliana</i> var. <i>calvata</i>	671	<i>Faramea sessilifolia</i>	658
<i>Fagara rhoifolia</i>	669-671	<i>Faramea standleyana</i>	657
<i>Fagara rhoifolia</i> f. <i>angustifolia</i>	671	<i>Faramea stenura</i>	657
<i>Fagara rhoifolia</i> f. <i>intermedia</i>	671	<i>Faramea talamancarum</i>	657
<i>Fagara rhoifolia</i> f. <i>latifolia</i>	671	<i>Faramea talamancarum</i> f. <i>acutifolia</i>	657
<i>Fagara rhoifolia</i> f. <i>paucijuga</i>	671	<i>Faramea tenuifolia</i>	657
<i>Fagara rhoifolia</i> subsp. <i>pubescens</i>	670	<i>Faramea truncata</i>	656
<i>Fagara rhoifolia</i> var. <i>intermedia</i>	671	<i>Faramea zetekii</i>	657
<i>Fagara rhoifolia</i> var. <i>peltophora</i>	670	<i>Faramea</i> sp. A	659
<i>Fagara rhoifolia</i> var. <i>petiolulata</i>	670	<i>Ferdinandusa goudotiana</i>	659
<i>Fagara rhoifolia</i> var. <i>surparanaensis</i>	671	<i>Ferdinandusa goudotiana</i> var. <i>eciliata</i>	659
<i>Fagara rothschubii</i>	671	<i>Ferdinandusa goudotiana</i> var. <i>psilocarpa</i>	659
<i>Fagara ruiziana</i>	670	<i>Ferdinandusa paraensis</i>	659
<i>Fagara trinitensis</i>	669	<i>Ferdinandusa paraensis</i> var. <i>palustris</i>	659
<i>Fagara warmingiana</i>	668	<i>Ferdinandusa</i> sp. A	659
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<i>Faramea amazonica</i>	657	<i>Ferolia campestris</i>	430
<i>Faramea belizensis</i>	657	<i>Ferolia excelsa</i>	431
<i>Faramea benensis</i>	657	<i>Ferolia guianensis</i>	584
<i>Faramea coarinnensis</i>	658	<i>Ferolia montana</i>	431
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<i>Feuilleea ingoides</i> . . . . .	520	<i>Ficus anacardiifolia</i> . . . . .	586
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<i>Feuilleea latifolia</i> . . . . .	545	<i>Ficus arctocarpa</i> . . . . .	589
<i>Feuilleea leiocalycina</i> . . . . .	520	<i>Ficus arpazusa</i> . . . . .	590
<i>Feuilleea leptoloba</i> . . . . .	524	<i>Ficus arukensis</i> . . . . .	590
<i>Feuilleea longiflora</i> . . . . .	529	<i>Ficus baccata</i> . . . . .	590
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<i>Feuilleea meissneriana</i> . . . . .	526	<i>Ficus cabusana</i> . . . . .	589
<i>Feuilleea micradenia</i> . . . . .	503	<i>Ficus catappifolia</i> . . . . .	586
<i>Feuilleea myriantha</i> . . . . .	526	<i>Ficus chaconiana</i> . . . . .	589
<i>Feuilleea niopoides</i> . . . . .	504	<i>Ficus chiribiquetensis</i> . . . . .	586
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<i>Feuilleea pedicellaris</i> . . . . .	505	<i>Ficus complicata</i> . . . . .	590
<i>Feuilleea pezizifera</i> . . . . .	523	<i>Ficus corpulenta</i> . . . . .	586
<i>Feuilleea pilosula</i> . . . . .	523	<i>Ficus coybana</i> . . . . .	588
<i>Feuilleea poeppigiana</i> . . . . .	524	<i>Ficus cremersii</i> . . . . .	586
<i>Feuilleea punctata</i> . . . . .	524	<i>Ficus cyclophylla</i> . . . . .	589
<i>Feuilleea quassiiifolia</i> . . . . .	523	<i>Ficus daphniphylla</i> . . . . .	590
<i>Feuilleea rubiginosa</i> . . . . .	524	<i>Ficus doliaria</i> . . . . .	587
<i>Feuilleea rufinervis</i> . . . . .	524	<i>Ficus donnell-smithii</i> . . . . .	587
<i>Feuilleea salzmanniana</i> . . . . .	525	<i>Ficus duartei</i> . . . . .	587
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<i>Feuilleea sessiliflora</i> . . . . .	518	<i>Ficus elliptica</i> . . . . .	590
<i>Feuilleea sesuya</i> . . . . .	520	<i>Ficus erratica</i> . . . . .	586
<i>Feuilleea setifera</i> . . . . .	523	<i>Ficus erythrostickta</i> . . . . .	590
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<i>Ficus garcesii</i> . . . . .	591	<i>Ficus padifolia</i> . . . . .	590
<i>Ficus gemina</i> . . . . .	590	<i>Ficus pakkensis</i> . . . . .	589
<i>Ficus glaucescens</i> . . . . .	588	<i>Ficus palmicida</i> . . . . .	591
<i>Ficus gleasonii</i> . . . . .	586	<i>Ficus paludica</i> . . . . .	589
<i>Ficus gomelleira</i> . . . . .	587	<i>Ficus panamensis</i> . . . . .	589
<i>Ficus grabhamii</i> . . . . .	590	<i>Ficus panurensis</i> . . . . .	589
<i>Ficus grandaeva</i> . . . . .	588	<i>Ficus paraensis</i> . . . . .	589
<i>Ficus greiffiana</i> . . . . .	585	<i>Ficus parkeri</i> . . . . .	588
<i>Ficus grenadensis</i> . . . . .	586	<i>Ficus parkeriana</i> . . . . .	586
<i>Ficus guadalajarana</i> . . . . .	588	<i>Ficus peroblonga</i> . . . . .	590
<i>Ficus guianensis</i> . . . . .	586	<i>Ficus pertusa</i> . . . . .	590
<i>Ficus halliana</i> . . . . .	590	<i>Ficus peruviana</i> . . . . .	590
<i>Ficus haughtii</i> . . . . .	589	<i>Ficus picardae</i> . . . . .	588
<i>Ficus hebetifolia</i> . . . . .	588	<i>Ficus piresiana</i> . . . . .	591
<i>Ficus hernandezii</i> . . . . .	588	<i>Ficus planicostata</i> . . . . .	590
<i>Ficus holosericea</i> . . . . .	587	<i>Ficus plicato-ostiolata</i> . . . . .	591
<i>Ficus hydrophila</i> . . . . .	590	<i>Ficus plumieri</i> . . . . .	588
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<i>Ficus juruensis</i> . . . . .	591	<i>Ficus protensa</i> . . . . .	588
<i>Ficus kanukuensis</i> . . . . .	591	<i>Ficus pseudoradula</i> . . . . .	588
<i>Ficus krukovii</i> . . . . .	588	<i>Ficus putumayonis</i> . . . . .	589
<i>Ficus lancifolia</i> . . . . .	590	<i>Ficus radicans</i> . . . . .	590
<i>Ficus lanjouwii</i> . . . . .	588	<i>Ficus radula</i> . . . . .	588
<i>Ficus laurifolia</i> . . . . .	588	<i>Ficus ramiflora</i> . . . . .	586
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<i>Ficus leucosticta</i> . . . . .	589	<i>Ficus rolanderi</i> . . . . .	590
<i>Ficus llanensis</i> . . . . .	591	<i>Ficus rubricosta</i> . . . . .	588
<i>Ficus llewelynii</i> . . . . .	591	<i>Ficus sapida</i> . . . . .	590
<i>Ficus maguirei</i> . . . . .	589	<i>Ficus savannarum</i> . . . . .	591
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<i>Ficus maroniensis</i> . . . . .	588	<i>Ficus sodiroi</i> . . . . .	589
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<i>Ficus mathewsii</i> . . . . .	586	<i>Ficus splendens</i> . . . . .	586
<i>Ficus maxima</i> . . . . .	588	<i>Ficus sprucei</i> . . . . .	586
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<i>Ficus metensis</i> . . . . .	586	<i>Ficus subtriplinervia</i> . . . . .	590
<i>Ficus mexicana</i> . . . . .	588	<i>Ficus suffocans</i> . . . . .	590
<i>Ficus morantensis</i> . . . . .	590	<i>Ficus sulcipes</i> . . . . .	590
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<i>Ficus myrtifolia</i> . . . . .	590	<i>Ficus trachelosyce</i> . . . . .	591
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<i>Gerascanthus muneco</i> . . . . .	446	<i>Guapeba laurifolia</i> . . . . .	694
<i>Gerascanthus naidophilus</i> . . . . .	445	<i>Guapeba parinarioides</i> . . . . .	698
<i>Gerascanthus opacus</i> . . . . .	446	<i>Guapira broadwayana</i> . . . . .	627
<i>Gerascanthus panicularis</i> . . . . .	445	<i>Guapira eggersiana</i> . . . . .	627
<i>Gerascanthus pubescens</i> . . . . .	447	<i>Guapira guianensis</i> . . . . .	627
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<i>Gerascanthus scabridus</i> . . . . .	444	<i>Guapira salicifolia</i> . . . . .	627
<i>Gerascanthus sericalyx</i> . . . . .	446	<i>Guapira</i> sp. A . . . . .	627
<i>Gerascanthus sprucei</i> . . . . .	446	<i>Guarania laurifolia</i> . . . . .	638
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<i>Gerascanthus tetraphyllus</i> . . . . .	443	<i>Guarea</i> . . . . .	575
<i>Gerascanthus toqueve</i> . . . . .	447	<i>Guarea affinis</i> . . . . .	578
<i>Gerascanthus viridis</i> . . . . .	446	<i>Guarea alba</i> . . . . .	576
<i>Gimbernatia oblonga</i> . . . . .	443	<i>Guarea alternans</i> . . . . .	576
<i>Gimbernatia obovata</i> . . . . .	440	<i>Guarea andreana</i> . . . . .	576
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<i>Gloeospermum sphaerocarpum</i> . . . . .	718, 719	<i>Guarea bahiensis</i> . . . . .	575
<i>Gloeospermum sphaerocarpum</i> var. <i>latifolium</i> . . . . .	719	<i>Guarea bangii</i> . . . . .	577
<i>Gloeospermum ulei</i> . . . . .	721	<i>Guarea bilibil</i> . . . . .	576
<i>Glossocentrum collinum</i> . . . . .	565	<i>Guarea bilocularis</i> . . . . .	579
<i>Glossopetalum glabrum</i> . . . . .	467	<i>Guarea borisii</i> . . . . .	578
<i>Glossopetalum tomentosum</i> . . . . .	467	<i>Guarea brachystachya</i> . . . . .	575
<i>Glycoxylon huberi</i> . . . . .	703	<i>Guarea cabirme</i> . . . . .	576
<i>Glycydendron amazonicum</i> . . . . .	462	<i>Guarea campestris</i> . . . . .	576
<i>Glycyrrhiza undulata</i> . . . . .	506	<i>Guarea carinata</i> . . . . .	575
<i>Goeppertia sericea</i> var. <i>bracteolata</i> . . . . .	479	<i>Guarea chichon</i> . . . . .	578
<i>Gomidesia minutiflora</i> . . . . .	609, 610	<i>Guarea cinnamomea</i> . . . . .	575
<i>Gomphia candollei</i> . . . . .	629	<i>Guarea concinna</i> . . . . .	578
<i>Gordonia fruticosa</i> . . . . .	710	<i>Guarea convergens</i> . . . . .	575
<i>Gordonia humboldtii</i> . . . . .	710	<i>Guarea costata</i> . . . . .	575
<i>Gordonia planchonii</i> . . . . .	710	<i>Guarea costulata</i> . . . . .	577
<i>Gordonia semiserrata</i> . . . . .	710	<i>Guarea culebrana</i> . . . . .	578
<i>Gossampinus alba</i> . . . . .	552	<i>Guarea davisii</i> . . . . .	578
<i>Gossampinus rumphii</i> . . . . .	552	<i>Guarea densiflora</i> . . . . .	576
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<i>Goupia paraensis</i> . . . . .	467	<i>Guarea eggersii</i> . . . . .	576
<i>Goupia tomentosa</i> . . . . .	467	<i>Guarea francavillana</i> . . . . .	576
<i>Granatum guianense</i> . . . . .	573	<i>Guarea gigantea</i> . . . . .	578
<i>Grangeria brasiliensis</i> . . . . .	420	<i>Guarea glauca</i> . . . . .	576
<i>Greeneina affinis</i> . . . . .	592	<i>Guarea gomma</i> . . . . .	575
<i>Greeneina poeppigiana</i> . . . . .	592	<i>Guarea grandiflora</i> . . . . .	578
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<i>Guaiabara uvifera</i> . . . . .	643	<i>Guarea grandifoliola</i> . . . . .	576
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<i>Guapeba brasiliensis</i> . . . . .	695	<i>Guarea huberi</i> . . . . .	578
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<i>Guarea leticiana</i> . . . . .	576	<i>Guarea trichilioides</i> var. <i>pachycarpa</i> . . . . .	577
<i>Guarea longipetiola</i> . . . . .	578	<i>Guarea trichilioides</i> var. <i>pallida</i> . . . . .	576
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<i>Guarea mancharra</i> . . . . .	578	<i>Guarea ulei</i> . . . . .	578
<i>Guarea megalantha</i> . . . . .	578	<i>Guarea williamsii</i> . . . . .	576
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<i>Guarea multijuga</i> . . . . .	575	<i>Gutteria asplundiana</i> . . . . .	376
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<i>Guarea quadrangularis</i> . . . . .	575	<i>Gutteria collina</i> . . . . .	376
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<i>Guarea rhabdotocarpa</i> . . . . .	578	<i>Gutteria crassipetala</i> . . . . .	374
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<i>Guarea rubrisepala</i> . . . . .	576	<i>Gutteria elliptica</i> . . . . .	376
<i>Guarea rusbyi</i> . . . . .	576	<i>Gutteria excellens</i> . . . . .	373
<i>Guarea scabra</i> . . . . .	578	<i>Gutteria flavovirens</i> . . . . .	377
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<i>Guarea sylvestris</i> . . . . .	576	<i>Gutteria insignis</i> . . . . .	377
<i>Guarea trichilioides</i> . . . . .	575-577	<i>Gutteria intermedia</i> . . . . .	374
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<i>Guatteria lanceolata</i> . . . . .	376	<i>Guatteria vestita</i> var. <i>angustifolia</i> . . . . .	376
<i>Guatteria lasiocalyx</i> . . . . .	376	<i>Guatteria vestita</i> var. <i>latifolia</i> . . . . .	376
<i>Guatteria latipetala</i> . . . . .	376	<i>Guatteria wachenheimii</i> . . . . .	377
<i>Guatteria leiocarpa</i> . . . . .	376	<i>Guatteria wessels-boerii</i> . . . . .	376
<i>Guatteria leucotricha</i> . . . . .	374	<i>Guatteriopsis blepharophylla</i> . . . . .	373
<i>Guatteria liesneri</i> . . . . .	374	<i>Guatteriopsis sessiliflora</i> . . . . .	373
<i>Guatteria longestipitata</i> . . . . .	376	<i>Guazuma blumei</i> . . . . .	554
<i>Guatteria macrocalyx</i> . . . . .	376	<i>Guazuma bubroma</i> . . . . .	554
<i>Guatteria micans</i> . . . . .	377	<i>Guazuma coriacea</i> . . . . .	554
<i>Guatteria microsperma</i> . . . . .	377	<i>Guazuma guazuma</i> . . . . .	553
<i>Guatteria montis-trinitatis</i> . . . . .	376	<i>Guazuma guazuma</i> var. <i>tomentosa</i> . . . . .	554
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<i>Guatteria obliqua</i> . . . . .	376	<i>Guazuma parvifolia</i> . . . . .	554
<i>Guatteria oblonga</i> . . . . .	374	<i>Guazuma polybotrya</i> . . . . .	553
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<i>Guatteria pannosa</i> . . . . .	374	<i>Guazuma ulmifolia</i> var. <i>tomentella</i> . . . . .	554
<i>Guatteria paraensis</i> . . . . .	373	<i>Guazuma ulmifolia</i> var. <i>tomentosa</i> . . . . .	553
<i>Guatteria parviflora</i> . . . . .	376	<i>Guazuma ulmifolia</i> var. <i> trianae</i> . . . . .	554
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<i>Guatteria pleiocarpa</i> . . . . .	376	<i>Guenetia macrosperma</i> . . . . .	552
<i>Guatteria podocarpa</i> . . . . .	374	<i>Guettarda acreana</i> . . . . .	666
<i>Guatteria podocarpa</i> var. <i>oligocarpa</i> . . . . .	374	<i>Guettarda argentea</i> . . . . .	660
<i>Guatteria podocarpa</i> var. <i>polycarpa</i> . . . . .	374	<i>Guettarda argentea</i> var. <i>glabrata</i> . . . . .	660
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<i>Guatteria poiteaui</i> . . . . .	370, 371	<i>Guettarda fanshawei</i> . . . . .	666
<i>Guatteria pteropus</i> . . . . .	375, 376	<i>Guettarda leiantha</i> . . . . .	666
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<i>Guatteria rhamnoides</i> . . . . .	376	<i>Guidonia parvifolia</i> . . . . .	672
<i>Guatteria richardii</i> . . . . .	376	<i>Guidonia procera</i> . . . . .	672
<i>Guatteria robusta</i> . . . . .	373	<i>Guidonia ramiflora</i> . . . . .	673
<i>Guatteria sagotiana</i> . . . . .	376	<i>Guidonia stipularis</i> . . . . .	672
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<i>Guatteria schomburgkiana</i> . . . . .	376	<i>Gustavia angusta</i> . . . . .	499
<i>Guatteria schomburgkiana</i> var. <i>angustifolia</i> . . . . .	376	<i>Gustavia antillana</i> . . . . .	499
<i>Guatteria schomburgkiana</i> var. <i>holosericea</i> . . . . .	376	<i>Gustavia augusta</i> . . . . .	499
<i>Guatteria schomburgkiana</i> var. <i>latifolia</i> . . . . .	376	<i>Gustavia augusta</i> var. <i>brasiliensis</i> . . . . .	499
<i>Guatteria scytophylla</i> . . . . .	377	<i>Gustavia augusta</i> var. <i>calycaris</i> . . . . .	499
<i>Guatteria sessiliflora</i> . . . . .	373	<i>Gustavia augusta</i> var. <i>guianensis</i> . . . . .	499
<i>Guatteria sessilis</i> . . . . .	376	<i>Gustavia augusta</i> var. <i>verrucosa</i> . . . . .	499
<i>Guatteria spruceana</i> . . . . .	376	<i>Gustavia brasiliiana</i> . . . . .	500
<i>Guatteria sylvicola</i> . . . . .	376	<i>Gustavia brasiliiana</i> var. <i>minor</i> . . . . .	500
<i>Guatteria ucayaliana</i> . . . . .	373	<i>Gustavia brasiliensis</i> . . . . .	499
<i>Guatteria umbonata</i> . . . . .	376	<i>Gustavia calycaris</i> . . . . .	499

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<i>Gustavia eximia</i> . . . . .	500	<i>Hasseltia pubescens</i> . . . . .	677
<i>Gustavia fastuosa</i> . . . . .	499, 500	<i>Hasseltia rigida</i> . . . . .	677
<i>Gustavia fastuosa</i> var. <i>angustisepala</i> . . . . .	500	<i>Hasseltia tomentulosa</i> . . . . .	677
<i>Gustavia fastuosa</i> var. <i>latisejala</i> . . . . .	500	<i>Havetia flavida</i> . . . . .	432
<i>Gustavia fustis-mortui</i> . . . . .	500	<i>Havetia flexilis</i> . . . . .	432
<i>Gustavia hexapetala</i> . . . . .	499	<i>Havetia octandra</i> . . . . .	433
<i>Gustavia insignis</i> . . . . .	499	<i>Havetia</i> sect. <i>Havetiopsis</i> . . . . .	432
<i>Gustavia laciniosa</i> . . . . .	499	<i>Havetiopsis flavida</i> . . . . .	432
<i>Gustavia marcgraaviana</i> . . . . .	499	<i>Havetiopsis flexilis</i> . . . . .	432
<i>Gustavia meizocarpa</i> . . . . .	499	<i>Hebepetalum humiriifolium</i> . . . . .	546
<i>Gustavia membrillo</i> . . . . .	499	<i>Hedera capitata</i> . . . . .	390
<i>Gustavia mexicana</i> . . . . .	499	<i>Hedera frondosa</i> . . . . .	390
<i>Gustavia microcarpa</i> . . . . .	500	<i>Hedwigia hostmannii</i> . . . . .	405
<i>Gustavia poeppigiana</i> var. <i>rigida</i> . . . . .	499	<i>Hedwigia panamensis</i> . . . . .	404
<i>Gustavia pterocarpa</i> . . . . .	500	<i>Hedwigia rhoifolia</i> . . . . .	404, 407
<i>Gustavia tetrapetala</i> . . . . .	499	<i>Hedwigia simplicifolia</i> . . . . .	580
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<i>Mimusops balata</i> var. <i>domingensis</i> . . . . .	690	<i>Mollinedia grazielae</i> . . . . .	582
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<i>Mimusops balata</i> var. <i>hartii</i> . . . . .	689	<i>Mollinedia krukovii</i> . . . . .	582
<i>Mimusops balata</i> var. <i>melinonii</i> . . . . .	689, 690	<i>Mollinedia latifolia</i> . . . . .	582
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<i>Myrcia opaca</i> var. <i>latifolia</i> . . . . .	621	<i>Myrciaria longipes</i> . . . . .	624
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<i>Myrcia oxyoentophylla</i> . . . . .	621	<i>Myrciaria longipes</i> var. <i>pellucida</i> . . . . .	624
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<i>Myrcia pallida</i> . . . . .	616	<i>Myrciaria nitida</i> . . . . .	615
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<i>Myrcia pellucida</i> . . . . .	620	<i>Myrciaria oneillii</i> . . . . .	625
<i>Myrcia phaeoclada</i> . . . . .	620	<i>Myrciaria polyantha</i> . . . . .	615
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<i>Myrcia renatoana</i> . . . . .	615	<i>Myrciariopsis baporeti</i> . . . . .	625
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<i>Myrcia saxicola</i> . . . . .	619, 621	<i>Myrcia venosa</i> . . . . .	623
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<i>Myrcia spruceana</i> . . . . .	620	<i>Myristica sebifera</i> var. <i>longifolia</i> . . . . .	596
<i>Myrcia sprucei</i> . . . . .	609	<i>Myristica surinamensis</i> . . . . .	596
<i>Myrcia stemmeriana</i> . . . . .	615	<i>Myristica virola</i> . . . . .	595
<i>Myrcia suaveolens</i> . . . . .	613	<i>Myrobalanus badamia</i> . . . . .	441
<i>Myrcia subobliqua</i> . . . . .	622	<i>Myrobalanus catappa</i> . . . . .	440
<i>Myrcia subsessilis</i> . . . . .	622	<i>Myrobalanus commersonii</i> . . . . .	441
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<i>Myrcia sulcata</i> . . . . .	612	<i>Myrobalanus guianensis</i> . . . . .	441
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<i>Myroxylon lucens</i> . . . . .	679	<i>Myrtus lucida</i> . . . . .	622
<i>Myrsine guianensis</i> . . . . .	645	<i>Myrtus lugens</i> . . . . .	604
<i>Myrsine ovalifolia</i> . . . . .	645	<i>Myrtus micrantha</i> . . . . .	624
<i>Myrsine rapanea</i> . . . . .	645, 646	<i>Myrtus mikaniana</i> . . . . .	619
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<i>Myrsine rapanea</i> f. <i>communis</i> . . . . .	645	<i>Myrtus multiflora</i> . . . . .	616
<i>Myrsine rapanea</i> f. <i>paviflora</i> . . . . .	645	<i>Myrtus muricata</i> . . . . .	604
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<i>Myrtus acuminata</i> . . . . .	619	<i>Myrtus riparia</i> . . . . .	604
<i>Myrtus alba</i> . . . . .	609	<i>Myrtus rostrata</i> . . . . .	619
<i>Myrtus amazonica</i> . . . . .	609	<i>Myrtus ruizii</i> . . . . .	619
<i>Myrtus aubletii</i> . . . . .	622	<i>Myrtus saligna</i> . . . . .	608
<i>Myrtus berberis</i> . . . . .	619	<i>Myrtus saxicola</i> . . . . .	619
<i>Myrtus berteriana</i> . . . . .	599	<i>Myrtus sepiaria</i> . . . . .	619
<i>Myrtus biflora</i> . . . . .	598, 599	<i>Myrtus sinemariensis</i> . . . . .	606
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<i>Myrtus cayennensis</i> . . . . .	600	<i>Myrtus verticillata</i> . . . . .	624
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<i>Myrtus elegans</i> . . . . .	613	<i>Nectandra albiflora</i> . . . . .	483
<i>Myrtus exsucca</i> . . . . .	613	<i>Nectandra amazonum</i> . . . . .	482
<i>Myrtus fascicularis</i> . . . . .	597	<i>Nectandra ambigua</i> . . . . .	482
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<i>Myrtus flavescens</i> . . . . .	602	<i>Nectandra bombycina</i> . . . . .	482
<i>Myrtus floribunda</i> . . . . .	624	<i>Nectandra bredemeyeriana</i> . . . . .	482
<i>Myrtus florida</i> . . . . .	602	<i>Nectandra capanahuensis</i> . . . . .	482
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<i>Myrtus guianensis</i> . . . . .	613	<i>Nectandra cissiflora</i> . . . . .	482
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<i>Nectandra globosa</i> var. <i>barbeyana</i> . . . . .	482	<i>Neea constricta</i> . . . . .	627
<i>Nectandra grandiflora</i> var. <i>latifolia</i> . . . . .	483	<i>Neea floribunda</i> . . . . .	627
<i>Nectandra grandis</i> . . . . .	490	<i>Neea mollis</i> . . . . .	627
<i>Nectandra guanaiensis</i> . . . . .	483	<i>Neea ovalifolia</i> . . . . .	627
<i>Nectandra hihua</i> . . . . .	482	<i>Neea</i> sp. A . . . . .	628
<i>Nectandra kunthiana</i> . . . . .	491	<i>Neea</i> sp. B . . . . .	628
<i>Nectandra kuntzeana</i> . . . . .	482	<i>Neea</i> sp. C . . . . .	628
<i>Nectandra latifolia</i> . . . . .	478	<i>Neea spruceana</i> . . . . .	628
<i>Nectandra laurel</i> var. <i>triquetra</i> . . . . .	483	<i>Neea weberbaueri</i> . . . . .	628
<i>Nectandra leucantha</i> var. <i>attenuata</i> . . . . .	483	<i>Neleixa prostrata</i> . . . . .	657
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<i>Nectandra longifolia</i> . . . . .	486	<i>Neocalyptocalyx leprieurii</i> . . . . .	412
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<i>Nectandra magnoliifolia</i> . . . . .	482	<i>Neocalyptocalyx morii</i> . . . . .	412
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<i>Nectandra matogrossensis</i> . . . . .	483	<i>Neohuberia matamata</i> . . . . .	495
<i>Nectandra megaphylla</i> . . . . .	483	<i>Neolabatia glomerata</i> . . . . .	698
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<i>Patrisia parviflora</i> . . . . .	679	<i>Pera schomburgkiana</i> . . . . .	636
<i>Patrisia pyrifera</i> . . . . .	678	<i>Perebea australis</i> . . . . .	593
<i>Patrisia sagotiana</i> . . . . .	678	<i>Perebea calophylla</i> . . . . .	592
<i>Patrisia tomentosa</i> . . . . .	679	<i>Perebea guianensis</i> . . . . .	593
<i>Pausandra densiflora</i> . . . . .	464	<i>Perebea laurifolia</i> . . . . .	592
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<i>Peridium ferrugineum</i> . . . . .	636	<i>Phoebe brasiliensis</i> . . . . .	475
<i>Peridium glabratum</i> . . . . .	636	<i>Phoebe cinnamomifolia</i> . . . . .	475
<i>Peridium oblongifolium</i> . . . . .	636	<i>Phoebe cubensis</i> . . . . .	475
<i>Peridium schomburgkianum</i> . . . . .	636	<i>Phoebe elongata</i> . . . . .	475
<i>Peridium schomburgkii</i> . . . . .	636	<i>Phoebe filamentosa</i> . . . . .	475
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<i>Persea incana</i> . . . . .	483	<i>Phoebe impressa</i> . . . . .	474
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<i>Persea leucoxydon</i> . . . . .	486	<i>Phoebe maynensis</i> . . . . .	475
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<i>Pharmacosycea pseudoradula</i> . . . . .	588	<i>Picramnia guianensis</i> . . . . .	639
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<i>Picramnia macrostachys</i> . . . . .	639	<i>Piper flavescens</i> . . . . .	640
<i>Picramnia sellowii</i> subsp. <i>spruceana</i> . . . . .	640	<i>Piper gigantifolium</i> . . . . .	642
<i>Picramnia spruceana</i> . . . . .	640	<i>Piper guanaianum</i> . . . . .	640
<i>Picramnia tariri</i> . . . . .	639	<i>Piper herzogii</i> . . . . .	640
<i>Picramnia tenuis</i> . . . . .	640	<i>Piper illudens</i> . . . . .	641
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<i>Pilocarpus latifolius</i> . . . . .	668	<i>Piper latum</i> . . . . .	642
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<i>Piper angustifolium</i> . . . . .	640	<i>Piper nonconformans</i> . . . . .	640
<i>Piper angustifolium</i> var. <i>cordulatum</i> . . . . .	640	<i>Piper oblanceolatum</i> var. <i>fragilicaule</i> . . . . .	640
<i>Piper araguense</i> . . . . .	642	<i>Piper obliquum</i> var. <i>eximium</i> . . . . .	642
<i>Piper arbelaezii</i> var. <i>subglaberrameum</i> . . . . .	642	<i>Piper ovalifolium</i> . . . . .	642
<i>Piper bolivianum</i> . . . . .	642	<i>Piper pangoense</i> . . . . .	642
<i>Piper cabellense</i> . . . . .	642	<i>Piper perlongispicum</i> . . . . .	642
<i>Piper cardenasii</i> . . . . .	640	<i>Piper pseudovelutinum</i> var. <i>flavescens</i> . . . . .	640
<i>Piper celtidifolium</i> . . . . .	640	<i>Piper purpurascens</i> . . . . .	640
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<i>Piper cernuum</i> var. <i>glabricaule</i> . . . . .	642	<i>Piper richardiiifolium</i> . . . . .	642
<i>Piper cernuum</i> var. <i>perlongispicum</i> . . . . .	642	<i>Piper smilacifolium</i> . . . . .	642
<i>Piper coccoloboides</i> . . . . .	642	<i>Piper stevensonii</i> . . . . .	640
<i>Piper consanguineum</i> . . . . .	640	<i>Piper submolle</i> . . . . .	640
<i>Piper cuatrecasasii</i> . . . . .	641	<i>Piper tarapotianum</i> . . . . .	642
<i>Piper cumbricola</i> . . . . .	641	<i>Piper tiliifolium</i> . . . . .	583
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<i>Piper disparispicum</i> . . . . .	640	<i>Piptadenia cobi</i> . . . . .	538
<i>Piper duchassaingii</i> . . . . .	642	<i>Piptadenia guianensis</i> . . . . .	538
<i>Piper elongatifolium</i> . . . . .	640	<i>Piptadenia niopo</i> . . . . .	505
<i>Piper elongatum</i> . . . . .	640	<i>Piptadenia peregrina</i> . . . . .	505
<i>Piper elongatum</i> var. <i>brachyarthrum</i> . . . . .	640	<i>Piptadenia polystachya</i> . . . . .	538
<i>Piper elongatum</i> var. <i>cordulatum</i> . . . . .	640	<i>Piptadenia psilostachya</i> . . . . .	535
<i>Piper elongatum</i> var. <i>laevifolium</i> . . . . .	640	<i>Piptadenia suaveolens</i> . . . . .	536
<i>Piper elongatum</i> var. <i>pampayacusum</i> . . . . .	640	<i>Piratinera acutifolia</i> . . . . .	583
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<i>Piratinera mollis</i> . . . . .	583	<i>Pitumba guianensis</i> . . . . .	674
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<i>Pithecellobium polycarpum</i> . . . . .	504	<i>Poecilanthe hostmannii</i> . . . . .	527
<i>Pithecellobium racemiflorum</i> . . . . .	546	<i>Poecilanthe ovalifolia</i> . . . . .	505
<i>Pithecellobium racemosum</i> . . . . .	546	<i>Pogonophora schomburgkiana</i> . . . . .	636
<i>Pithecellobium schomburgkii</i> . . . . .	514	<i>Pogonophora schomburgkiana</i> f. <i>elliptica</i> . . . . .	636



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<i>Pogonophora schomburgkiana</i> var. <i>longifolia</i> . . . . .	636	<i>Pourouma cinerascens</i> . . . . .	715
<i>Pogonophora trianae</i> . . . . .	464	<i>Pourouma crassivenosa</i> . . . . .	714
<i>Pogonophyllum elatum</i> . . . . .	463	<i>Pourouma cuatrecasasii</i> . . . . .	715
<i>Pogonorhynchus amplexans</i> . . . . .	569	<i>Pourouma digitata</i> . . . . .	714
<i>Pogonorhynchus sessillifolius</i> . . . . .	569	<i>Pourouma folleata</i> . . . . .	715
<i>Pogopetalum acutum</i> . . . . .	582	<i>Pourouma fuliginea</i> . . . . .	715
<i>Pohlana instrumentaria</i> . . . . .	669	<i>Pourouma guianensis</i> . . . . .	714
<i>Pohlana langsdorffii</i> . . . . .	669	<i>Pourouma heterophylla</i> . . . . .	715
<i>Polembryum castanocarpum</i> . . . . .	667	<i>Pourouma isophlebia</i> . . . . .	715
<i>Polembryum jussieui</i> . . . . .	667	<i>Pourouma laevis</i> . . . . .	716
POLYGONACEAE . . . . .	642	<i>Pourouma lawrancei</i> . . . . .	714
<i>Polygonum uvifera</i> . . . . .	643	<i>Pourouma maroniensis</i> . . . . .	716
<i>Poraqueiba guianensis</i> . . . . .	582	<i>Pourouma melinonii</i> . . . . .	715
<i>Poraqueiba surinamensis</i> . . . . .	582	<i>Pourouma mildbraediana</i> . . . . .	715
<i>Poraresia anomala</i> . . . . .	636	<i>Pourouma minor</i> . . . . .	715
<i>Portesia diversifolia</i> . . . . .	580	<i>Pourouma mollis</i> . . . . .	715
<i>Portesia echinocarpa</i> . . . . .	580	<i>Pourouma palmata</i> . . . . .	714
<i>Portesia montana</i> . . . . .	580	<i>Pourouma radula</i> . . . . .	715
<i>Portesia ovata</i> . . . . .	580	<i>Pourouma saulensis</i> . . . . .	715
<i>Portesia simplicifolia</i> . . . . .	580	<i>Pourouma scabra</i> . . . . .	715
<i>Portesia trinitensis</i> . . . . .	580	<i>Pourouma schultesii</i> . . . . .	714
<i>Portlandia acuminata</i> . . . . .	655	<i>Pourouma steyermarkii</i> . . . . .	716
<i>Portlandia hexandra</i> . . . . .	655	<i>Pourouma subplicata</i> . . . . .	715
<i>Portlandia speciosa</i> . . . . .	655	<i>Pourouma substrigosa</i> . . . . .	715
<i>Posoqueria acuminata</i> . . . . .	663	<i>Pourouma subtriloba</i> . . . . .	715
<i>Posoqueria decora</i> . . . . .	663	<i>Pourouma tomentosa</i> subsp. <i>maroniensis</i> . . . . .	—
<i>Posoqueria gracilis</i> . . . . .	663	<i>Pourouma umbellata</i> . . . . .	715
<i>Posoqueria insignis</i> . . . . .	663	<i>Pourouma umbellifera</i> . . . . .	715
<i>Posoqueria latifolia</i> . . . . .	663	<i>Pourouma velutina</i> . . . . .	716
<i>Posoqueria latifolia</i> subsp. <i>gracilis</i> . . . . .	663	<i>Pourouma villosa</i> . . . . .	716
<i>Posoqueria longiflora</i> . . . . .	663	<i>Pourouma</i> sp. A . . . . .	716
<i>Posoqueria lucida</i> . . . . .	663	<i>Pourouma</i> sp. B . . . . .	716
<i>Posoqueria macrophylla</i> . . . . .	663	<i>Pouteria</i> . . . . .	693
<i>Posoqueria macropus</i> . . . . .	663	<i>Pouteria achradoformis</i> . . . . .	691
<i>Posoqueria metensis</i> . . . . .	663	<i>Pouteria acutangula</i> . . . . .	691
<i>Posoqueria multiflora</i> . . . . .	663	<i>Pouteria aeranea</i> . . . . .	692
<i>Posoqueria mutisii</i> . . . . .	663	<i>Pouteria ambelaniifolia</i> . . . . .	693
<i>Posoqueria panamensis</i> . . . . .	663	<i>Pouteria anibifolia</i> . . . . .	701
<i>Posoqueria panamensis</i> subsp. <i>grandiflora</i> . . . . .	663	<i>Pouteria anomala</i> . . . . .	693
<i>Posoqueria revoluta</i> . . . . .	663	<i>Pouteria aubrevillei</i> . . . . .	694
<i>Posoqueria spraguei</i> . . . . .	663	<i>Pouteria auyantepuiensis</i> . . . . .	689
<i>Possina arborescens</i> . . . . .	539	<i>Pouteria balata</i> . . . . .	692
<i>Possina dodecandra</i> . . . . .	539	<i>Pouteria bangii</i> . . . . .	694
<i>Possina triphylla</i> . . . . .	539	<i>Pouteria benai</i> . . . . .	694
<i>Potamoxyylon fluviatile</i> . . . . .	398	<i>Pouteria benoistii</i> . . . . .	699
<i>Poulsenia</i> sp. A . . . . .	593	<i>Pouteria bilocularis</i> . . . . .	694
<i>Pourouma acutiflora</i> . . . . .	714	<i>Pouteria bopiensis</i> . . . . .	692
<i>Pourouma apaporiensis</i> . . . . .	715	<i>Pouteria bouffardiana</i> . . . . .	699
<i>Pourouma apaporiensis</i> var. <i>macrophylla</i> . . . . .	715	<i>Pouteria brachyandra</i> . . . . .	694
<i>Pourouma aspera</i> . . . . .	714	<i>Pouteria caimito</i> . . . . .	694, 699
<i>Pourouma aurea</i> . . . . .	715	<i>Pouteria caimito</i> var. <i>laurifolia</i> . . . . .	694
<i>Pourouma bicolor</i> subsp. <i>bicolor</i> . . . . .	714	<i>Pouteria caimito</i> var. <i>strigosa</i> . . . . .	699
<i>Pourouma bicolor</i> subsp. <i>digitata</i> . . . . .	714	<i>Pouteria cataractae</i> . . . . .	693
<i>Pourouma camaratana</i> . . . . .	714	<i>Pouteria cayennensis</i> . . . . .	695

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<i>Pouteria cearensis</i> . . . . .	701	<i>Pouteria leucophaea</i> . . . . .	695
<i>Pouteria chrysophylloides</i> . . . . .	691	<i>Pouteria lorentensis</i> . . . . .	695
<i>Pouteria cladantha</i> . . . . .	695	<i>Pouteria lucentifolia</i> . . . . .	687
<i>Pouteria congestifolia</i> . . . . .	685	<i>Pouteria macrocarpa</i> . . . . .	699
<i>Pouteria cooperi</i> . . . . .	702	<i>Pouteria macrophylla</i> . . . . .	699
<i>Pouteria coriacea</i> . . . . .	695	<i>Pouteria marginata</i> var. <i>impressa</i> . . . . .	—
<i>Pouteria cruegeriana</i> . . . . .	691	<i>Pouteria maxima</i> . . . . .	700
<i>Pouteria cuatrecasasii</i> . . . . .	699	<i>Pouteria mayana</i> . . . . .	687
<i>Pouteria cuspidata</i> . . . . .	695, 696	<i>Pouteria melanopoda</i> . . . . .	700
<i>Pouteria cuspidata</i> subsp. <i>dura</i> . . . . .	695	<i>Pouteria melinoniana</i> . . . . .	692
<i>Pouteria cuspidata</i> subsp. <i>robusta</i> . . . . .	696	<i>Pouteria melinonii</i> . . . . .	691
<i>Pouteria cyrtobotrya</i> . . . . .	691	<i>Pouteria mensalis</i> . . . . .	692
<i>Pouteria dasystyla</i> . . . . .	702	<i>Pouteria meyeri</i> . . . . .	701
<i>Pouteria dasystyla</i> var. <i>abaetensis</i> . . . . .	702	<i>Pouteria micans</i> . . . . .	694
<i>Pouteria decorticans</i> . . . . .	696	<i>Pouteria minutiflora</i> . . . . .	695
<i>Pouteria deliciosa</i> . . . . .	696	<i>Pouteria neglecta</i> . . . . .	702
<i>Pouteria demerarae</i> . . . . .	698	<i>Pouteria nuda</i> . . . . .	689
<i>Pouteria dibrachiata</i> . . . . .	687	<i>Pouteria obidensis</i> . . . . .	698
<i>Pouteria discolor</i> . . . . .	692	<i>Pouteria oblanceolata</i> . . . . .	700
<i>Pouteria dissepala</i> . . . . .	702	<i>Pouteria paraensis</i> . . . . .	699
<i>Pouteria dominicensis</i> . . . . .	692	<i>Pouteria pedunculata</i> . . . . .	698
<i>Pouteria duckeana</i> . . . . .	692	<i>Pouteria pentasperma</i> . . . . .	687
<i>Pouteria dura</i> . . . . .	695	<i>Pouteria petenensis</i> . . . . .	687
<i>Pouteria durlandii</i> . . . . .	697	<i>Pouteria piresii</i> . . . . .	692
<i>Pouteria echinocarpa</i> . . . . .	702	<i>Pouteria pittieri</i> . . . . .	698
<i>Pouteria egensis</i> . . . . .	691	<i>Pouteria platyphylla</i> . . . . .	700
<i>Pouteria egregia</i> . . . . .	697	<i>Pouteria polyneura</i> . . . . .	693
<i>Pouteria engleri</i> . . . . .	697	<i>Pouteria pomifera</i> . . . . .	687
<i>Pouteria ephedrantha</i> . . . . .	697	<i>Pouteria porphyrocarpa</i> . . . . .	693
<i>Pouteria eugeniiifolia</i> . . . . .	697	<i>Pouteria potosina</i> . . . . .	697
<i>Pouteria excelsa</i> . . . . .	700	<i>Pouteria procera</i> . . . . .	700
<i>Pouteria filipes</i> . . . . .	697	<i>Pouteria ptychandra</i> . . . . .	703
<i>Pouteria fimbriata</i> . . . . .	697	<i>Pouteria putamen-ovi</i> . . . . .	700
<i>Pouteria flava</i> . . . . .	693	<i>Pouteria reticulata</i> . . . . .	700
<i>Pouteria flavilatex</i> . . . . .	697	<i>Pouteria retinervis</i> . . . . .	701
<i>Pouteria franciscana</i> . . . . .	698	<i>Pouteria rivularis</i> . . . . .	693
<i>Pouteria glazioviana</i> . . . . .	698	<i>Pouteria robusta</i> . . . . .	696
<i>Pouteria glomerata</i> . . . . .	698	<i>Pouteria robusta</i> var. <i>longifolia</i> . . . . .	696
<i>Pouteria glomerata</i> var. <i>glabrescens</i> . . . . .	698	<i>Pouteria robusta</i> var. <i>typica</i> . . . . .	696
<i>Pouteria glomerata</i> var. <i>typica</i> . . . . .	698	<i>Pouteria rodriguesiana</i> . . . . .	701
<i>Pouteria gonggrijpii</i> . . . . .	698	<i>Pouteria rufa</i> . . . . .	691
<i>Pouteria grandis</i> . . . . .	698	<i>Pouteria sagotiana</i> . . . . .	701
<i>Pouteria guianensis</i> . . . . .	698	<i>Pouteria sanctae-rosae</i> . . . . .	693
<i>Pouteria gutta</i> . . . . .	702	<i>Pouteria scytalophora</i> . . . . .	694
<i>Pouteria hartii</i> . . . . .	698, 699	<i>Pouteria setosa</i> . . . . .	691
<i>Pouteria hispida</i> . . . . .	699	<i>Pouteria silvicola</i> . . . . .	692
<i>Pouteria hondurensis</i> . . . . .	701	<i>Pouteria singularis</i> . . . . .	701
<i>Pouteria hypoglauca</i> . . . . .	698	<i>Pouteria solimoensis</i> . . . . .	699
<i>Pouteria jariensis</i> . . . . .	699	<i>Pouteria speciosa</i> . . . . .	701
<i>Pouteria jenmanii</i> . . . . .	702	<i>Pouteria steyermarkii</i> . . . . .	697
<i>Pouteria klugii</i> . . . . .	693	<i>Pouteria stipulifera</i> . . . . .	701
<i>Pouteria laevigata</i> . . . . .	699	<i>Pouteria suffulta</i> . . . . .	697
<i>Pouteria lasiocarpa</i> . . . . .	695	<i>Pouteria surinamensis</i> . . . . .	704
<i>Pouteria laurifolia</i> . . . . .	694	<i>Pouteria temare</i> . . . . .	694

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<i>Pouteria tenuisepala</i> . . . . .	701	<i>Protium excelsior</i> . . . . .	399
<i>Pouteria torta</i> subsp. <i>glabra</i> . . . . .	—	<i>Protium fimbriatum</i> . . . . .	400
<i>Pouteria torta</i> subsp. <i>tuberculata</i> . . . . .	702	<i>Protium firmum</i> . . . . .	400
<i>Pouteria tovarensis</i> . . . . .	698	<i>Protium gallicum</i> . . . . .	402
<i>Pouteria trichopoda</i> . . . . .	699	<i>Protium giganteum</i> var. <i>crassifolium</i> . . . . .	402
<i>Pouteria truncata</i> . . . . .	691	<i>Protium giganteum</i> var. <i>giganteum</i> . . . . .	402
<i>Pouteria ulei</i> . . . . .	691	<i>Protium goudotianum</i> . . . . .	402
<i>Pouteria unilocularis</i> . . . . .	700	<i>Protium guianense</i> . . . . .	402
<i>Pouteria venosa</i> subsp. <i>amazonica</i> . . . . .	702	<i>Protium heptaphyllum</i> . . . . .	402, 403
<i>Pouteria venulosa</i> . . . . .	693	<i>Protium heptaphyllum</i> var. <i>floribundum</i> . . . . .	403
<i>Pouteria virescens</i> . . . . .	702	<i>Protium heptaphyllum</i> var. <i>multiflorum</i> . . . . .	402
<i>Pouteria weddelliana</i> . . . . .	698	<i>Protium heptaphyllum</i> var. <i>puberulum</i> . . . . .	402
<i>Pouteria williamii</i> . . . . .	702	<i>Protium heptaphyllum</i> var. <i>surinamense</i> . . . . .	402
<i>Pouteria wurdackii</i> . . . . .	702	<i>Protium heptaphyllum</i> var. <i>unifoliolatum</i> . . . . .	403
<i>Pouteria</i> sp. A . . . . .	702	<i>Protium hostmannii</i> . . . . .	402, 403
<i>Pouteria</i> sp. B . . . . .	703	<i>Protium hostmannii</i> var. <i>brasiliense</i> . . . . .	403
<i>Pouteria</i> sp. C . . . . .	703	<i>Protium inodorum</i> . . . . .	403
<i>Pouteria</i> sp. D . . . . .	703	<i>Protium insigne</i> . . . . .	403
<i>Pouteria</i> sp. E . . . . .	703	<i>Protium joannis</i> . . . . .	405
<i>Pouteria</i> sp. F . . . . .	703	<i>Protium martianum</i> . . . . .	405
<i>Pouteria</i> sp. G . . . . .	703	<i>Protium melinonii</i> . . . . .	403
<i>Pouteria</i> sp. H . . . . .	703	<i>Protium morii</i> . . . . .	403
<i>Pouteria</i> sp. I . . . . .	703	<i>Protium multiflorum</i> . . . . .	402
<i>Pradosia cochlearia</i> . . . . .	703	<i>Protium neglectum</i> . . . . .	404, 405
<i>Pradosia huberi</i> . . . . .	703	<i>Protium neglectum</i> var. <i>robustum</i> . . . . .	404
<i>Pradosia ptychandra</i> . . . . .	703	<i>Protium occultum</i> . . . . .	403
<i>Pradosia subverticillata</i> . . . . .	704	<i>Protium octandrum</i> . . . . .	403
<i>Pradosia surinamensis</i> . . . . .	704	<i>Protium opacum</i> subsp. <i>rabelianum</i> . . . . .	403
<i>Pradosia verticillata</i> . . . . .	704	<i>Protium orinocense</i> . . . . .	401
<i>Pradosia</i> sp. A . . . . .	704	<i>Protium pallidum</i> . . . . .	403
<i>Preslianthus pittieri</i> . . . . .	412	<i>Protium paraense</i> . . . . .	400
<i>Prieurella cuneifolia</i> . . . . .	686	<i>Protium pauciflorum</i> . . . . .	405
<i>Prieurella manaosensis</i> . . . . .	686	<i>Protium pernervatum</i> . . . . .	402
<i>Prieurella prieurii</i> . . . . .	687	<i>Protium picramnioides</i> . . . . .	404
PRIMULACEAE . . . . .	644	<i>Protium pilosum</i> . . . . .	403
PROTEACEAE . . . . .	646	<i>Protium plagiocarpium</i> . . . . .	404
<i>Protium</i> . . . . .	399	<i>Protium polybotryum</i> . . . . .	404
<i>Protium almecega</i> . . . . .	404	<i>Protium puberulentum</i> . . . . .	400
<i>Protium altissimum</i> . . . . .	399	<i>Protium rhoifolium</i> . . . . .	404
<i>Protium altsonii</i> . . . . .	400	<i>Protium robustum</i> . . . . .	404
<i>Protium amazonicum</i> . . . . .	400	<i>Protium sagotianum</i> . . . . .	404
<i>Protium angustifolium</i> . . . . .	403	<i>Protium schomburgkianum</i> . . . . .	401
<i>Protium apiculatum</i> . . . . .	400	<i>Protium spruceanum</i> . . . . .	404
<i>Protium aracouchini</i> . . . . .	400	<i>Protium stevensonii</i> . . . . .	404
<i>Protium aracouchini</i> var. <i>angustifolium</i> . . . . .	400	<i>Protium strumosum</i> . . . . .	405
<i>Protium calendulinum</i> . . . . .	400	<i>Protium subserratum</i> . . . . .	405
<i>Protium crassifolium</i> . . . . .	402	<i>Protium surinamense</i> . . . . .	405
<i>Protium cuneatum</i> . . . . .	400	<i>Protium tenuifolium</i> . . . . .	405
<i>Protium cupreatum</i> . . . . .	402	<i>Protium titubans</i> . . . . .	405
<i>Protium decandrum</i> . . . . .	400	<i>Protium trifoliolatum</i> . . . . .	405
<i>Protium demerarensis</i> . . . . .	401	<i>Prunus accumulans</i> . . . . .	649
<i>Protium divaricatum</i> subsp. <i>fumarium</i> . . . . .	402	<i>Prunus myrtifolia</i> . . . . .	649, 650
<i>Protium divaricatum</i> var. <i>intermedium</i> . . . . .	400	<i>Prunus myrtifolia</i> var. <i>accumulans</i> . . . . .	649
<i>Protium duckei</i> . . . . .	402	<i>Prunus sphaerocarpa</i> . . . . .	650

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<i>Prunus tikalana</i> . . . . .	650	<i>Psidium persoonii</i> . . . . .	625
<i>Pseudima frutescens</i> . . . . .	681, 683	<i>Psidium protractum</i> . . . . .	626
<i>Pseudobombax amapaense</i> . . . . .	556	<i>Psidium salutare</i> . . . . .	626
<i>Pseudobombax munguba</i> . . . . .	556	<i>Psidium sartorianum</i> . . . . .	626
<i>Pseudochimarrhis difformis</i> . . . . .	652	<i>Psidium sartorianum</i> var. <i>yucatanense</i> . . . . .	626
<i>Pseudochimarrhis turbinata</i> . . . . .	652	<i>Psidium socorrense</i> . . . . .	626
<i>Pseudocladia colombiana</i> . . . . .	694	<i>Psidium solisii</i> . . . . .	626
<i>Pseudocladia melinonii</i> . . . . .	694	<i>Psidium tenuifolium</i> . . . . .	597
<i>Pseudocladia minutiflora</i> . . . . .	695	<i>Psidium yucatanense</i> . . . . .	626
<i>Pseudocladia neblinaensis</i> . . . . .	694	<i>Psychotria anceps</i> . . . . .	664
<i>Pseudocladia scytalophora</i> . . . . .	694	<i>Psychotria anceps</i> var. <i>robustior</i> . . . . .	664
<i>Pseudolabatia filipes</i> . . . . .	697	<i>Psychotria ardisiifolia</i> . . . . .	664
<i>Pseudolabatia raoulantonii</i> . . . . .	697	<i>Psychotria boliviana</i> . . . . .	656
<i>Pseudolmedia alnifolia</i> . . . . .	593	<i>Psychotria brachyloba</i> . . . . .	662
<i>Pseudolmedia brosimifolia</i> . . . . .	593	<i>Psychotria carthagenensis</i> . . . . .	664
<i>Pseudolmedia bucidifolia</i> . . . . .	443	<i>Psychotria cataractarum</i> . . . . .	662
<i>Pseudolmedia ferruginea</i> . . . . .	593	<i>Psychotria chionantha</i> . . . . .	665
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<i>Uragoga viburnoides</i> . . . . .	664	<i>Urostigma subtriplinervium</i> . . . . .	590
<i>Urbanella buehananiifolia</i> . . . . .	700	<i>Urostigma subtriplinervium</i> f. <i>ellipticum</i> . . . . .	590
<i>Urbanella cuspidata</i> . . . . .	700	<i>Urostigma subtriplinervium</i> f. <i>major</i> . . . . .	590
<i>Urbanella excelsa</i> . . . . .	700	<i>Urostigma sulcipes</i> . . . . .	590

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<i>Urostigma trigonum</i> . . . . .	591	<i>Virola michelii</i> . . . . .	595
<i>Urostigma turbinatum</i> . . . . .	590	<i>Virola mocoa</i> . . . . .	595
<i>Urostigma williamsii</i> . . . . .	589	<i>Virola multicostata</i> . . . . .	595
<i>Urtica acuminata</i> . . . . .	716	<i>Virola mycetis</i> . . . . .	596
<i>Urtica aestuans</i> . . . . .	722	<i>Virola panamensis</i> . . . . .	595
<i>Urtica alceifolia</i> . . . . .	716	<i>Virola peruviana</i> var. <i>tomentosa</i> . . . . .	—
<i>Urtica alnifolia</i> . . . . .	409	<i>Virola sebifera</i> . . . . .	595
<i>Urtica caracasana</i> . . . . .	716	<i>Virola sebifera</i> var. <i>curvinervia</i> . . . . .	595
URTICACEAE . . . . .	711	<i>Virola surinamensis</i> . . . . .	596
<i>Urtica corallina</i> . . . . .	716	<i>Virola venezuelensis</i> . . . . .	596
<i>Urtica mitis</i> . . . . .	716	<i>Virola warburgii</i> . . . . .	596
<i>Urtica tiliifolia</i> . . . . .	716	<i>Vismia</i> . . . . .	470, 471, 625
<i>Urtica ulmifolia</i> . . . . .	716	<i>Vismia acuminata</i> . . . . .	470
<i>Utea guyannensis</i> . . . . .	529	<i>Vismia amazonica</i> . . . . .	470
<i>Utterveria frondosa</i> . . . . .	411	<i>Vismia angusta</i> . . . . .	470
<i>Uva brasiliensis</i> . . . . .	371	<i>Vismia buchtienii</i> . . . . .	470
<i>Uvaria aromatica</i> . . . . .	379	<i>Vismia caparosa</i> . . . . .	470
<i>Uvaria brasiliensis</i> . . . . .	371	<i>Vismia cayennensis</i> . . . . .	470, 471
<i>Uvaria febrifuga</i> . . . . .	379	<i>Vismia cayennensis</i> var. <i>sessilifolia</i> . . . . .	471
<i>Uvaria guatterioides</i> . . . . .	378	<i>Vismia ferruginea</i> . . . . .	470
<i>Uvaria monosperma</i> . . . . .	374	<i>Vismia floribunda</i> . . . . .	470
<i>Uvaria ouregou</i> . . . . .	374	<i>Vismia glaziovii</i> . . . . .	470
<i>Uvaria spectabilis</i> . . . . .	372	<i>Vismia gracilis</i> . . . . .	470
<i>Uvaria viridiflora</i> . . . . .	371	<i>Vismia guianensis</i> . . . . .	470
<i>Uvifera latifolia</i> . . . . .	642	<i>Vismia guianensis</i> var. <i>acuminata</i> . . . . .	470
<i>Uvifera polystachya</i> . . . . .	643	<i>Vismia guttifera</i> var. <i>guianensis</i> . . . . .	470
		<i>Vismia latifolia</i> . . . . .	470
		<i>Vismia macrophylla</i> . . . . .	470
		<i>Vismia macrophylla</i> var. <i>glabrescens</i> . . . . .	470
		<i>Vismia ramuliflora</i> . . . . .	471
		<i>Vismia reticulata</i> . . . . .	470
		<i>Vismia rufescens</i> . . . . .	471
		<i>Vismia sandwichii</i> . . . . .	471
		<i>Vismia sessilifolia</i> . . . . .	471
		<i>Vitellaria dissepala</i> . . . . .	702
		<i>Vitellaria glaucophylla</i> . . . . .	699
		<i>Vitellaria littoralis</i> . . . . .	702
		<i>Vitellaria procera</i> . . . . .	700
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<i>Virola kwatae</i> . . . . .	595		
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<i>Vitex triflora</i> var. <i>tenuifolia</i> . . . . .	474	<i>Wikstroemia fruticosa</i> . . . . .	710
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<i>Vochysia cayennensis</i> . . . . .	724	<i>Wikstroemia parviflora</i> . . . . .	710
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<i>Vochysia vismiifolia</i> . . . . .	725	<i>Ximenia elliptica</i> . . . . .	634, 635
<i>Votomita guianensis</i> . . . . .	572	<i>Ximenia fluminensis</i> . . . . .	635
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<i>Vouacapoua amazonum</i> . . . . .	544	<i>Ximenia laurina</i> . . . . .	635
<i>Vouacapoua americana</i> . . . . .	544	<i>Ximenia loranthifolia</i> . . . . .	635
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<i>Vouacapoua surinamensis</i> . . . . .	506	<i>Ximenia verrucosa</i> . . . . .	634
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<i>Vouapa angustifolia</i> . . . . .	528	<i>Xyladenius glandulosus</i> . . . . .	671
<i>Vouapa bifolia</i> . . . . .	529	<i>Xylocarpus carapa</i> . . . . .	573
<i>Vouapa chrysostachya</i> . . . . .	528	<i>Xylon pentandrum</i> . . . . .	552
<i>Vouapa guianensis</i> . . . . .	529	<i>Xylopia acuminata</i> . . . . .	366
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<i>Vouapa staminea</i> . . . . .	529	<i>Xylopia benthamii</i> . . . . .	379
<i>Vouarana guianensis</i> . . . . .	685	<i>Xylopia benthamii</i> var. <i>dolichopetala</i> . . . . .	379
<i>Voyara montana</i> . . . . .	703	<i>Xylopia benthamii</i> var. <i>subnuda</i> . . . . .	379
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W		<i>Xylopia crinita</i> . . . . .	379
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<i>Wallenia myrianthos</i> . . . . .	645	<i>Xylopia discreta</i> . . . . .	380
<i>Webera quinquenervia</i> . . . . .	560	<i>Xylopia dunaliana</i> . . . . .	379
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<i>Weigeltia microbotrys</i> . . . . .	644	<i>Xylopia frutescens</i> . . . . .	380
<i>Weigeltia myrianthos</i> . . . . .	645	<i>Xylopia grandiflora</i> . . . . .	379
<i>Weigeltia parviflora</i> . . . . .	644	<i>Xylopia longifolia</i> . . . . .	379
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<i>Weigeltia schomburgkiana</i> . . . . .	645	<i>Xylopia meridensis</i> . . . . .	380
<i>Weigeltia surinamensis</i> . . . . .	645	<i>Xylopia neglecta</i> . . . . .	380
<i>Wibelia guianensis</i> . . . . .	719	<i>Xylopia nervosa</i> . . . . .	380
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<i>Xylopi parviflora</i> . . . . .	380	<i>Zanthoxylum</i>	<i>machadoi</i> . . . . . 668
<i>Xylopi pulcherrima</i> . . . . .	380	<i>Zanthoxylum</i>	<i>microcarpum</i> . . . . . 670
<i>Xylopi salicifolia</i> . . . . .	380	<i>Zanthoxylum</i>	<i>minutiflorum</i> . . . . . 668
<i>Xylopi setosa</i> . . . . .	380	<i>Zanthoxylum</i>	<i>obscurum</i> . . . . . 670
<i>Xylopi surinamensis</i> . . . . .	380	<i>Zanthoxylum</i>	<i>obscurum</i> var. <i>ruizianum</i> . . . . . 670
<i>Xylopi ulei</i> . . . . .	379	<i>Zanthoxylum</i>	<i>occidentale</i> . . . . . 669
<i>Xylopi xylopioides</i> . . . . .	379	<i>Zanthoxylum</i>	<i>ocumarens</i> . . . . . 668
<i>Xylopicrum</i>		<i>Zanthoxylum</i>	<i>paulae</i> . . . . . 669
<i>Xylopicrum acuminatum</i> . . . . .	366	<i>Zanthoxylum</i>	<i>peltophorum</i> . . . . . 670
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<i>Xylopicrum frutescens</i> . . . . .	380	<i>Zanthoxylum</i>	<i>perrottetii</i> . . . . . 669
<i>Xylopicrum grandiflorum</i> . . . . .	379	<i>Zanthoxylum</i>	<i>pringlei</i> . . . . . 668
<i>Xylopicrum longifolium</i> . . . . .	379	<i>Zanthoxylum</i>	<i>procerum</i> . . . . . 668
<i>Xylopicrum neglectum</i> . . . . .	380	<i>Zanthoxylum</i>	<i>pubescens</i> . . . . . 669
<i>Xylopicrum nitidum</i> . . . . .	380	<i>Zanthoxylum</i>	<i>regnellianum</i> . . . . . 671
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<i>Xylosma benthamii</i> . . . . .	679	<i>Zanthoxylum</i>	<i>rhoifolium</i> var. <i>peltophorum</i> . . . . . 670
<i>Xylosma ciliatifolia</i> . . . . .	679	<i>Zanthoxylum</i>	<i>rhoifolium</i> var. <i>petiolulatum</i> . . . . . 671
<i>Xylosma digyna</i> . . . . .	679	<i>Zanthoxylum</i>	<i>rhoifolium</i> var. <i>pubescens</i> . . . . . 670
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<i>Xylosma tessmannii</i> . . . . .	679	<i>Zanthoxylum</i>	<i>sobrevielae</i> . . . . . 669
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<i>Zanthoxylum acreanum</i> . . . . .	668	<i>Zwingera</i>	<i>aruba</i> . . . . . 705
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<i>Zanthoxylum apiculatum</i> . . . . .	669	<i>Zygia</i>	<i>divaricata</i> . . . . . 545
<i>Zanthoxylum astrigerum</i> . . . . .	671	<i>Zygia</i>	<i>foreroi</i> . . . . . 545
<i>Zanthoxylum belizense</i> . . . . .	669	<i>Zygia</i>	<i>glomerata</i> . . . . . 545
<i>Zanthoxylum caribaeum</i> . . . . .	669	<i>Zygia</i>	<i>huberi</i> . . . . . 545
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<i>Zanthoxylum elephantiasis</i> . . . . .	669	<i>Zygia</i>	<i>longinamosa</i> . . . . . 545
<i>Zanthoxylum genilei</i> . . . . .	669	<i>Zygia</i>	<i>racemosa</i> . . . . . 546
<i>Zanthoxylum hermaphroditum</i> . . . . .	669	<i>Zygia</i>	<i>sabatieri</i> . . . . . 546
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APPENDIX 4. — List of cited exsiccata held at CAY, with the corresponding barcode(s) and identifier in the CAY database/Liste des exsiccata cités conservés à CAY, avec le(s) code(s)-barres et l'identifiant correspondants dans la base de données de CAY.

Collecte	CB	id_échantillon	Collecte	CB	id_échantillon
<i>A. Le Goff</i> 201	CAY002062	49848	<i>C. Moretti</i> 1027	CAY024960	54949
<i>A.H. Gentry &amp; C. Feuillet</i> 63218	CAY057498	125443	<i>C. Moretti</i> 1027	CAY024961	54949
<i>A.H. Gentry &amp; E.M. Zardini</i> 50232	CAY117685	26300	<i>C. Moretti</i> 1027	CAY024962	54949
<i>A.H. Gentry &amp; E.M. Zardini</i> 50232	CAY117686	26300	<i>C. Moretti</i> 1035	CAY097284	54956
<i>A.H. Gentry &amp; E.M. Zardini</i> 50232	CAY117687	26300	<i>C. Moretti</i> 354	CAY031793	54631
<i>A.H. Gentry et al.</i> 63044	CAY107936	26408	<i>C. Moretti</i> 354	CAY031794	54631
<i>A.H. Gentry et al.</i> 63129	CAY065839	26428	<i>C. Moretti</i> 354	CAY076072	54631
<i>A.J.M. Leeuwenberg</i> 11653	CAY084756	50267	<i>C. Moretti</i> 354	CAY076073	54631
<i>B. Bordenave &amp; Bétian</i> 7946	CAY052938	128460	<i>C. Moretti</i> 354	CAY076074	54631
<i>B. Bordenave</i> 5040	CAY031363	120284	<i>C. Moretti</i> 358	CAY024909	54634
<i>B. Bordenave</i> 5040	CAY037898	120284	<i>C. Moretti</i> 571	CAY090070	54724
<i>B. Bordenave</i> 887	CAY035965	118859	<i>C. Moretti</i> 606	CAY017475	113993
<i>B. Dutrière &amp; F. Crozier</i> 19	CAY014118	110320	<i>C. Moretti</i> 606	CAY017476	113993
<i>B. Dutrière &amp; F. Crozier</i> 7	CAY014160	109706	<i>C. Moretti</i> 626	CAY084776	54760
<i>B. Dutrière &amp; F. Crozier</i> 7	CAY014161	109706	<i>C. Moretti</i> 626	CAY084777	54760
<i>B. Dutrière</i> 388	CAY046121	129711	<i>C. Moretti</i> 626	CAY084778	54760
<i>B. Dutrière</i> 399	CAY046135	129722	<i>C. Moretti</i> 626	CAY084779	54760
<i>B. Dutrière</i> 489	CAY046165	129747	<i>C. Moretti</i> 979	CAY189796	54930
<i>B. Dutrière</i> 489	CAY046166	129747	<i>C. Moretti</i> 979	CAY189797	54930
<i>B. Dutrière</i> 569	CAY046265	129826	<i>C. Moretti</i> 979	CAY189798	54930
<i>B. Dutrière</i> 569	CAY046266	129826	<i>C. Moretti</i> 979	CAY189799	54930
<i>B. Riéra &amp; D. Sabatier</i> 1282	CAY111689	71097	<i>C. Persson et al.</i> 2069	CAY074182	65513
<i>B. Riéra &amp; D. Sabatier</i> 1808	CAY184383	71366	<i>C. Sastre &amp; C. Moretti</i> 3852	CAY031333	78155
<i>B. Riéra &amp; D. Sabatier</i> 1904	CAY080261	71471	<i>C. Sastre &amp; C. Moretti</i> 4020	CAY081340	78284
<i>B. Riéra &amp; D. Sabatier</i> 1925	CAY177421	71498	<i>C. Sastre &amp; D.A. Bell</i> 8125	CAY092717	101602
<i>B. Riéra</i> 1092	CAY082971	70926	<i>C. Sastre</i> 1621	CAY006060	101468
<i>B. Riéra</i> 1257	CAY089645	71079	<i>C. Sastre</i> 265	CAY039442	121682
<i>B. Riéra</i> 470	CAY024975	70367	<i>C. Sastre</i> 4009	CAY029953	78277
<i>B. Riéra</i> 470	CAY024976	70367	<i>C. Sastre</i> 4146	CAY087851	78386
<i>B. Riéra</i> 470	CAY024977	70367	<i>C. Sastre</i> 4516	CAY047646	78586
<i>B. Riéra</i> 470	CAY024978	70367	<i>C. Sastre</i> 4704	CAY111999	78744
<i>B. Riéra</i> 470	CAY024979	70367	<i>C. Sastre</i> 6178	CAY195078	79381
<i>B. Riéra</i> 715	CAY047253	70587	<i>C. Sastre</i> 6387	CAY030370	79528
<i>B. Torke &amp; S. Gonzalez</i> 191	CAY017584	114080	<i>C. Sastre</i> 6387	CAY206007	79528
<i>B.M. Boom &amp; S.A. Mori</i> 1795	CAY007760	5647	<i>C. Sastre</i> 6405	CAY024890	79543
<i>B.M. Boom &amp; S.A. Mori</i> 1805	CAY108143	5657	<i>C. Sastre et al.</i> 4125	CAY002146	78367
<i>B.M. Boom &amp; S.A. Mori</i> 1811	CAY027866	5661	<i>D. Larpin</i> 1021	CAY079504	49627
<i>B.M. Boom &amp; S.A. Mori</i> 1885	CAY081790	5727	<i>D. Larpin</i> 670	CAY178249	49285
<i>B.M. Boom &amp; S.A. Mori</i> 2116		5951	<i>D. Larpin</i> 687	CAY090052	49302
<i>B.M. Boom &amp; S.A. Mori</i> 2222	CAY065795	6056	<i>D. Larpin</i> 687	CAY090053	49302
<i>B.M. Boom &amp; S.A. Mori</i> 2344	CAY003294	6175	<i>D. Larpin</i> 702	CAY093451	49317
<i>B.M. Boom &amp; S.A. Mori</i> 2362	CAY107512	6192	<i>D. Larpin</i> 846	CAY090420	49461
<i>B.M. Boom &amp; S.A. Mori</i> 2415	CAY204020	6243	<i>D. Larpin</i> 882	CAY007947	49497
<i>C. Baraloto et al.</i> 3500	CAY100717	303164	<i>D. Larpin</i> 885	CAY100031	49500
<i>C. Baraloto et al.</i> 8056	CAY111112	309085	<i>D. Larpin</i> 946	CAY178975	49561
<i>C. Delnatte</i> 1445	CAY080555	135143	<i>D. Larpin</i> 946	CAY178976	49561
<i>C. Delnatte</i> 1549	CAY083525	135993	<i>D. Loubry</i> 1122	CAY028739	52181
<i>C. Delnatte</i> 1556	CAY083808	136195	<i>D. Loubry</i> 1122	CAY028740	52181
<i>C. Feuillet</i> 10338		23966	<i>D. Loubry</i> 1122	CAY028741	52181
<i>C. Feuillet</i> 1122	CAY208440	21457	<i>D. Loubry</i> 1135	CAY086128	52194
<i>C. Feuillet</i> 1122	CAY208441	21457	<i>D. Loubry</i> 1579	CAY191201	52634
<i>C. Feuillet</i> 2263	CAY082560	22031	<i>D. Loubry</i> 1579	CAY191202	52634
<i>C. Feuillet</i> 2961	CAY086169	22347	<i>D. Loubry</i> 1626	CAY064032	52681
<i>C. Feuillet</i> 3936	CAY098062	22778	<i>D. Loubry</i> 1626	CAY064033	52681
<i>C. Feuillet</i> 616	CAY026346	20987	<i>D. Loubry</i> 1698	CAY162707	52756
<i>C. Feuillet</i> 616	CAY026347	20987	<i>D. Loubry</i> 1774	CAY189288	52835
<i>C. Feuillet</i> 715	CAY195226	21082	<i>D. Loubry</i> 1892	CAY001594	52955
<i>C. Feuillet et al.</i> 10067		23699	<i>D. Loubry</i> 1892	CAY001595	52955
<i>C. Feuillet et al.</i> 10083		23715	<i>D. Loubry</i> 1892	CAY001596	52955
<i>C. Feuillet et al.</i> 10115	CAY027154	23746	<i>D. Loubry</i> 1892	CAY001597	52955
<i>C. Feuillet et al.</i> 10319	CAY057803	23947	<i>D. Loubry</i> 1934	CAY010151	52988
<i>C. Feuillet et al.</i> 10319	CAY057803	23947	<i>D. Loubry</i> 2000	CAY214652	53054
<i>C. Feuillet et al.</i> 10354		23982	<i>D. Loubry</i> 2097	CAY166396	53151
			<i>D. Loubry</i> 2097	CAY166397	53151
			<i>D. Loubry</i> 2097	CAY166398	53151
			<i>D. Loubry</i> 2097	CAY001297	53379
			<i>D. Loubry</i> 2339	CAY001298	53379
			<i>D. Loubry</i> 2339		



Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>D. Loubry 2339</i>	CAY001299	53379	<i>D. Sabatier &amp; J.-F. Molino 5135</i>	CAY104867	306670
<i>D. Loubry 2392</i>	CAY097482	53432	<i>D. Sabatier &amp; J.-F. Molino 5135</i>	CAY104868	306670
<i>D. Loubry 2413</i>	CAY079895	53453	<i>D. Sabatier &amp; J.-F. Molino 5136</i>	CAY103757	305608
<i>D. Loubry 2413</i>	CAY079896	53453	<i>D. Sabatier &amp; J.-F. Molino 5137</i>	CAY068500	133559
<i>D. Loubry 55</i>	CAY178198	51470	<i>D. Sabatier &amp; J.-F. Molino 5137</i>	CAY068501	133559
<i>D. Loubry 621</i>	CAY109565	51819	<i>D. Sabatier &amp; J.-F. Molino 5187</i>	CAY077841	134265
<i>D. Loubry 621</i>	CAY109566	51819	<i>D. Sabatier &amp; J.-F. Molino 5194</i>	CAY077848	134271
<i>D. Loubry 833</i>	CAY089648	52026	<i>D. Sabatier &amp; J.-F. Molino 5194</i>	CAY077849	134271
<i>D. Paget 201</i>	CAY019505	109889	<i>D. Sabatier &amp; J.-F. Molino 5198</i>	CAY081047	135560
<i>D. Paget 204</i>	CAY019507	109887	<i>D. Sabatier &amp; J.-F. Molino 5202</i>	CAY081048	135561
<i>D. Sabatier &amp; B. Riéra 1741</i>	CAY024999	73036	<i>D. Sabatier &amp; J.-F. Molino 5204</i>	CAY077876	134292
<i>D. Sabatier &amp; B. Riéra 3113</i>		74341	<i>D. Sabatier &amp; J.-F. Molino 5204</i>	CAY077877	134292
<i>D. Sabatier &amp; D.-Y. Alexandre 889</i>	CAY002037	72313	<i>D. Sabatier &amp; J.-F. Molino 5205</i>	CAY077878	134293
<i>D. Sabatier &amp; E. Fonty 5589</i>	CAY111701	307863	<i>D. Sabatier &amp; J.-F. Molino 5300</i>	CAY109448	307861
<i>D. Sabatier &amp; E. Fonty 5589</i>	CAY111702	307863	<i>D. Sabatier &amp; J.-F. Molino 5300</i>	CAY111699	307861
<i>D. Sabatier &amp; E. Fonty 5590</i>	CAY109367	308430	<i>D. Sabatier &amp; J.-F. Molino 5304</i>	CAY083534	135997
<i>D. Sabatier &amp; E. Fonty 5590</i>	CAY109368	308430	<i>D. Sabatier &amp; J.-F. Molino 5321</i>	CAY083538	136000
<i>D. Sabatier &amp; E. Fonty 5591</i>	CAY111636	307812	<i>D. Sabatier &amp; J.-F. Molino 5322bis</i>	CAY083618	136063
<i>D. Sabatier &amp; E. Fonty 5597</i>	CAY108458	307929	<i>D. Sabatier &amp; J.-F. Molino 5332</i>	CAY084961	136466
<i>D. Sabatier &amp; E. Fonty 5662</i>	CAY108064	307251	<i>D. Sabatier &amp; J.-F. Molino 5334</i>	CAY109142	308351
<i>D. Sabatier &amp; E. Fonty 5662</i>	CAY108065	307251	<i>D. Sabatier &amp; J.-F. Molino 5334</i>	CAY109143	308351
<i>D. Sabatier &amp; E. Fonty 5760</i>	CAY108076	307262	<i>D. Sabatier &amp; J.-F. Molino 5340</i>	CAY083542	136003
<i>D. Sabatier &amp; E. Fonty 5760</i>	CAY108077	307262	<i>D. Sabatier &amp; J.-F. Molino 5340</i>	CAY083543	136003
<i>D. Sabatier &amp; E. Fonty 5762</i>	CAY111808	308679	<i>D. Sabatier &amp; J.-F. Molino 5341</i>	CAY083625	136069
<i>D. Sabatier &amp; J.-F. Molino 4820</i>	CAY055483	122728	<i>D. Sabatier &amp; J.-F. Molino 5347</i>	CAY083544	136004
<i>D. Sabatier &amp; J.-F. Molino 4834</i>	CAY108332	307580	<i>D. Sabatier &amp; J.-F. Molino 5530</i>	CAY110483	302615
<i>D. Sabatier &amp; J.-F. Molino 4834</i>	CAY108333	307580	<i>D. Sabatier &amp; J.-F. Molino 5530</i>	CAY110484	302615
<i>D. Sabatier &amp; J.-F. Molino 4836</i>	CAY065673	180231	<i>D. Sabatier &amp; J.-F. Molino 5550</i>	CAY110476	302605
<i>D. Sabatier &amp; J.-F. Molino 4836</i>	CAY065674	180231	<i>D. Sabatier &amp; J.-F. Molino 5552</i>	CAY112311	309008
<i>D. Sabatier &amp; J.-F. Molino 4836</i>	CAY065675	180231	<i>D. Sabatier &amp; J.-F. Molino 5552</i>	CAY112312	309008
<i>D. Sabatier &amp; J.-F. Molino 4945</i>	CAY072480	131724	<i>D. Sabatier &amp; J.-F. Molino 5554</i>	CAY110485	302616
<i>D. Sabatier &amp; J.-F. Molino 4945</i>	CAY072481	131724	<i>D. Sabatier &amp; J.-F. Molino 5555</i>	CAY112313	309009
<i>D. Sabatier &amp; J.-F. Molino 4951</i>	CAY072512	131751	<i>D. Sabatier &amp; J.-F. Molino 5555</i>	CAY112314	309009
<i>D. Sabatier &amp; J.-F. Molino 4958</i>	CAY047409	130061	<i>D. Sabatier &amp; J.-F. Molino 5556</i>	CAY101324	303983
<i>D. Sabatier &amp; J.-F. Molino 4977</i>	CAY072482	131725	<i>D. Sabatier &amp; J.-F. Molino 5556</i>	CAY101325	303983
<i>D. Sabatier &amp; J.-F. Molino 5005</i>	CAY073264	132362	<i>D. Sabatier &amp; J.-F. Molino 5620</i>	CAY111731	308503
<i>D. Sabatier &amp; J.-F. Molino 5006bis</i>	CAY072487	131730	<i>D. Sabatier &amp; J.-F. Molino 5620</i>	CAY111732	308503
<i>D. Sabatier &amp; J.-F. Molino 5012</i>	CAY073265	132363	<i>D. Sabatier &amp; J.-F. Molino 5625</i>	CAY111938	308821
<i>D. Sabatier &amp; J.-F. Molino 5016</i>	CAY072491	131734	<i>D. Sabatier &amp; J.-F. Molino 5628</i>	CAY108476	307642
<i>D. Sabatier &amp; J.-F. Molino 5017</i>	CAY072532	131765	<i>D. Sabatier &amp; J.-F. Molino 5629</i>	CAY108286	307529
<i>D. Sabatier &amp; J.-F. Molino 5025</i>	CAY072494	131736	<i>D. Sabatier &amp; J.-F. Molino 5629</i>	CAY108287	307529
<i>D. Sabatier &amp; J.-F. Molino 5026</i>	CAY072495	131737	<i>D. Sabatier &amp; J.-F. Molino 5634</i>	CAY108327	307576
<i>D. Sabatier &amp; J.-F. Molino 5026</i>	CAY072496	131737	<i>D. Sabatier &amp; J.-F. Molino 5634</i>	CAY108328	307576
<i>D. Sabatier &amp; J.-F. Molino 5027</i>	CAY072537	131770	<i>D. Sabatier &amp; J.-F. Molino 5642</i>	CAY111829	308693
<i>D. Sabatier &amp; J.-F. Molino 5029</i>	CAY072538	131771	<i>D. Sabatier &amp; J.-F. Molino 5647</i>	CAY110480	302611
<i>D. Sabatier &amp; J.-F. Molino 5070</i>	CAY068572	133594	<i>D. Sabatier &amp; J.-F. Molino 5648</i>	CAY108460	307931
<i>D. Sabatier &amp; J.-F. Molino 5070</i>	CAY068573	133594	<i>D. Sabatier &amp; J.-F. Molino 5649</i>	CAY111827	308692
<i>D. Sabatier &amp; J.-F. Molino 5072</i>	CAY104862	306667	<i>D. Sabatier &amp; J.-F. Molino 5649</i>	CAY111828	308692
<i>D. Sabatier &amp; J.-F. Molino 5072</i>	CAY104863	306667	<i>D. Sabatier &amp; J.-F. Molino 5651</i>	CAY108383	307637
<i>D. Sabatier &amp; J.-F. Molino 5076</i>	CAY070542	134070	<i>D. Sabatier &amp; J.-F. Molino 5653</i>	CAY103390	305358
<i>D. Sabatier &amp; J.-F. Molino 5076</i>	CAY070543	134070	<i>D. Sabatier &amp; J.-F. Molino 5653</i>	CAY103391	305358
<i>D. Sabatier &amp; J.-F. Molino 5079</i>	CAY078252	200672	<i>D. Sabatier &amp; J.-F. Molino 5671</i>	CAY104439	306530
<i>D. Sabatier &amp; J.-F. Molino 5082</i>	CAY111930	308816	<i>D. Sabatier &amp; J.-F. Molino 5671</i>	CAY104440	306530
<i>D. Sabatier &amp; J.-F. Molino 5082</i>	CAY111931	308816	<i>D. Sabatier &amp; J.-F. Molino 5672</i>	CAY108082	307267
<i>D. Sabatier &amp; J.-F. Molino 5082</i>	CAY111932	308816	<i>D. Sabatier &amp; J.-F. Molino 5672</i>	CAY108083	307267
<i>D. Sabatier &amp; J.-F. Molino 5086</i>	CAY068717	133647	<i>D. Sabatier &amp; J.-F. Molino 5683</i>	CAY103758	305609
<i>D. Sabatier &amp; J.-F. Molino 5086</i>	CAY068718	133647	<i>D. Sabatier &amp; J.-F. Molino 5683</i>	CAY103759	305609
<i>D. Sabatier &amp; J.-F. Molino 5099</i>	CAY104857	306663	<i>D. Sabatier &amp; J.-F. Molino 5692</i>	CAY108088	307270
<i>D. Sabatier &amp; J.-F. Molino 5101</i>	CAY069672	133839	<i>D. Sabatier &amp; J.-F. Molino 5692</i>	CAY108089	307270
<i>D. Sabatier &amp; J.-F. Molino 5117</i>	CAY069682	133849	<i>D. Sabatier &amp; J.-F. Molino 5705</i>	CAY108095	307275
<i>D. Sabatier &amp; J.-F. Molino 5127</i>	CAY104860	306666	<i>D. Sabatier &amp; J.-F. Molino 5707</i>	CAY103444	305366
<i>D. Sabatier &amp; J.-F. Molino 5127</i>	CAY104861	306666	<i>D. Sabatier &amp; J.-F. Molino 5708</i>	CAY103794	305702
<i>D. Sabatier &amp; J.-F. Molino 5128</i>	CAY069684	133851	<i>D. Sabatier &amp; J.-F. Molino 5717</i>	CAY111651	307826
<i>D. Sabatier &amp; J.-F. Molino 5130</i>	CAY110516	302651	<i>D. Sabatier &amp; J.-F. Molino 5717</i>	CAY111652	307826
<i>D. Sabatier &amp; J.-F. Molino 5134</i>	CAY108479	307645	<i>D. Sabatier &amp; J.-F. Molino 5722</i>	CAY108450	307921
			<i>D. Sabatier &amp; J.-F. Molino 5722</i>	CAY192120	307921
			<i>D. Sabatier &amp; J.-F. Molino 5727</i>	CAY108504	307666
			<i>D. Sabatier &amp; J.-F. Molino 5728</i>	CAY103772	305620

## Appendix 4. — Continuation.

Collecte	CB	id_ echantillon	Collecte	CB	id_ echantillon
<i>D. Sabatier &amp; J.-F. Molino 5728</i>	CAY103773	305620	<i>D. Sabatier &amp; M.-F. Prévost 2559</i>	CAY042696	73809
<i>D. Sabatier &amp; J.-F. Molino 5738</i>	CAY108086	307269	<i>D. Sabatier &amp; M.-F. Prévost 2560</i>	CAY033960	73810
<i>D. Sabatier &amp; J.-F. Molino 5738</i>	CAY108087	307269	<i>D. Sabatier &amp; M.-F. Prévost 2561</i>		73811
<i>D. Sabatier &amp; J.-F. Molino 5750</i>	CAY108581	307953	<i>D. Sabatier &amp; M.-F. Prévost 2568</i>	CAY097787	73818
<i>D. Sabatier &amp; J.-F. Molino 5750</i>	CAY165648	307953	<i>D. Sabatier &amp; M.-F. Prévost 2569</i>	CAY000778	73819
<i>D. Sabatier &amp; J.-F. Molino 5794</i>	CAY109144	308352	<i>D. Sabatier &amp; M.-F. Prévost 2575</i>	CAY168700	73823
<i>D. Sabatier &amp; J.-F. Molino 5794</i>	CAY112385	308352	<i>D. Sabatier &amp; M.-F. Prévost 2578</i>	CAY008653	73825
<i>D. Sabatier &amp; J.-F. Molino 5794</i>	CAY112386	308352	<i>D. Sabatier &amp; M.-F. Prévost 2578</i>	CAY008654	73825
<i>D. Sabatier &amp; J.-L. Smock 5782</i>	CAY108457	307928	<i>D. Sabatier &amp; M.-F. Prévost 2585</i>	CAY107805	73833
<i>D. Sabatier &amp; M.-F. Prévost 1266</i>	CAY100045	72614	<i>D. Sabatier &amp; M.-F. Prévost 2602</i>	CAY031108	73850
<i>D. Sabatier &amp; M.-F. Prévost 1266</i>	CAY100046	72614	<i>D. Sabatier &amp; M.-F. Prévost 2611</i>	CAY192105	73860
<i>D. Sabatier &amp; M.-F. Prévost 1345</i>	CAY107354	72705	<i>D. Sabatier &amp; M.-F. Prévost 2617</i>	CAY099164	73866
<i>D. Sabatier &amp; M.-F. Prévost 1345</i>	CAY107355	72705	<i>D. Sabatier &amp; M.-F. Prévost 2645</i>	CAY099881	73896
<i>D. Sabatier &amp; M.-F. Prévost 1351</i>	CAY100022	72713	<i>D. Sabatier &amp; M.-F. Prévost 2696</i>	CAY097849	73949
<i>D. Sabatier &amp; M.-F. Prévost 1354</i>	CAY082906	72717	<i>D. Sabatier &amp; M.-F. Prévost 2703</i>	CAY049672	73956
<i>D. Sabatier &amp; M.-F. Prévost 1354</i>	CAY082907	72717	<i>D. Sabatier &amp; M.-F. Prévost 2716</i>	CAY189806	73971
<i>D. Sabatier &amp; M.-F. Prévost 1363</i>	CAY156799	72726	<i>D. Sabatier &amp; M.-F. Prévost 2718</i>	CAY192141	73973
<i>D. Sabatier &amp; M.-F. Prévost 1363</i>	CAY156800	72726	<i>D. Sabatier &amp; M.-F. Prévost 2751</i>	CAY043034	73996
<i>D. Sabatier &amp; M.-F. Prévost 1559</i>	CAY097591	72902	<i>D. Sabatier &amp; M.-F. Prévost 2753</i>	CAY026799	73998
<i>D. Sabatier &amp; M.-F. Prévost 1637</i>	CAY099288	72958	<i>D. Sabatier &amp; M.-F. Prévost 2760</i>	CAY031023	74006
<i>D. Sabatier &amp; M.-F. Prévost 1671</i>	CAY193432	72985	<i>D. Sabatier &amp; M.-F. Prévost 2780</i>		86961
<i>D. Sabatier &amp; M.-F. Prévost 1671</i>	CAY193433	72985	<i>D. Sabatier &amp; M.-F. Prévost 2800</i>	CAY195214	74044
<i>D. Sabatier &amp; M.-F. Prévost 1672</i>	CAY199260	72986	<i>D. Sabatier &amp; M.-F. Prévost 2831</i>	CAY177097	74073
<i>D. Sabatier &amp; M.-F. Prévost 1684</i>	CAY102052	72995	<i>D. Sabatier &amp; M.-F. Prévost 2842</i>	CAY042966	74084
<i>D. Sabatier &amp; M.-F. Prévost 1836</i>	CAY082642	73126	<i>D. Sabatier &amp; M.-F. Prévost 2872</i>	CAY007061	74107
<i>D. Sabatier &amp; M.-F. Prévost 1843</i>	CAY099804	73132	<i>D. Sabatier &amp; M.-F. Prévost 2876</i>	CAY001845	74111
<i>D. Sabatier &amp; M.-F. Prévost 1853</i>	CAY098820	73143	<i>D. Sabatier &amp; M.-F. Prévost 2882</i>	CAY009447	74117
<i>D. Sabatier &amp; M.-F. Prévost 1856</i>	CAY084813	73146	<i>D. Sabatier &amp; M.-F. Prévost 2889</i>	CAY088924	74125
<i>D. Sabatier &amp; M.-F. Prévost 1877</i>	CAY031026	73170	<i>D. Sabatier &amp; M.-F. Prévost 2894</i>		74130
<i>D. Sabatier &amp; M.-F. Prévost 1917</i>	CAY043030	73210	<i>D. Sabatier &amp; M.-F. Prévost 2895</i>	CAY100190	74131
<i>D. Sabatier &amp; M.-F. Prévost 1973</i>	CAY043076	73261	<i>D. Sabatier &amp; M.-F. Prévost 2898</i>	CAY167670	74134
<i>D. Sabatier &amp; M.-F. Prévost 2116</i>	CAY042266	73388	<i>D. Sabatier &amp; M.-F. Prévost 2901</i>	CAY075801	74135
<i>D. Sabatier &amp; M.-F. Prévost 2121</i>	CAY193730	73393	<i>D. Sabatier &amp; M.-F. Prévost 2927</i>	CAY043774	74166
<i>D. Sabatier &amp; M.-F. Prévost 2147</i>	CAY185133	73420	<i>D. Sabatier &amp; M.-F. Prévost 2930</i>	CAY165217	74171
<i>D. Sabatier &amp; M.-F. Prévost 2152</i>	CAY183282	73425	<i>D. Sabatier &amp; M.-F. Prévost 2942</i>		74182
<i>D. Sabatier &amp; M.-F. Prévost 2157</i>	CAY191411	73431	<i>D. Sabatier &amp; M.-F. Prévost 2944</i>	CAY080172	74185
<i>D. Sabatier &amp; M.-F. Prévost 2157</i>	CAY191412	73431	<i>D. Sabatier &amp; M.-F. Prévost 2947</i>	CAY185764	74189
<i>D. Sabatier &amp; M.-F. Prévost 2159</i>	CAY190613	73433	<i>D. Sabatier &amp; M.-F. Prévost 2956</i>		74197
<i>D. Sabatier &amp; M.-F. Prévost 2173</i>	CAY030032	73445	<i>D. Sabatier &amp; M.-F. Prévost 2958</i>	CAY160216	74199
<i>D. Sabatier &amp; M.-F. Prévost 2173</i>	CAY030033	73445	<i>D. Sabatier &amp; M.-F. Prévost 2970</i>	CAY165157	74212
<i>D. Sabatier &amp; M.-F. Prévost 2173</i>	CAY080685	73445	<i>D. Sabatier &amp; M.-F. Prévost 2973</i>	CAY098899	74216
<i>D. Sabatier &amp; M.-F. Prévost 2173</i>	CAY080686	73445	<i>D. Sabatier &amp; M.-F. Prévost 2979</i>	CAY042066	74222
<i>D. Sabatier &amp; M.-F. Prévost 2185</i>	CAY192317	73456	<i>D. Sabatier &amp; M.-F. Prévost 3016</i>	CAY003325	74250
<i>D. Sabatier &amp; M.-F. Prévost 2189</i>	CAY116863	73463	<i>D. Sabatier &amp; M.-F. Prévost 3022</i>	CAY214371	74256
<i>D. Sabatier &amp; M.-F. Prévost 2194</i>	CAY043877	73468	<i>D. Sabatier &amp; M.-F. Prévost 3035</i>	CAY165798	74269
<i>D. Sabatier &amp; M.-F. Prévost 2198</i>	CAY081991	73473	<i>D. Sabatier &amp; M.-F. Prévost 3064</i>	CAY087415	74293
<i>D. Sabatier &amp; M.-F. Prévost 2203</i>	CAY027253	73478	<i>D. Sabatier &amp; M.-F. Prévost 3081</i>	CAY111686	74310
<i>D. Sabatier &amp; M.-F. Prévost 2233</i>	CAY048406	73507	<i>D. Sabatier &amp; M.-F. Prévost 3086</i>	CAY191286	74315
<i>D. Sabatier &amp; M.-F. Prévost 2248</i>	CAY178538	73518	<i>D. Sabatier &amp; M.-F. Prévost 3090</i>	CAY189896	74319
<i>D. Sabatier &amp; M.-F. Prévost 2249</i>	CAY096542	73519	<i>D. Sabatier &amp; M.-F. Prévost 3102</i>	CAY114685	74330
<i>D. Sabatier &amp; M.-F. Prévost 2255</i>	CAY178805	73524	<i>D. Sabatier &amp; M.-F. Prévost 3117</i>	CAY167030	74345
<i>D. Sabatier &amp; M.-F. Prévost 2255</i>	CAY178806	73524	<i>D. Sabatier &amp; M.-F. Prévost 3117</i>	CAY167031	74345
<i>D. Sabatier &amp; M.-F. Prévost 2263</i>		73531	<i>D. Sabatier &amp; M.-F. Prévost 3125</i>	CAY162725	74353
<i>D. Sabatier &amp; M.-F. Prévost 2267</i>	CAY200963	73535	<i>D. Sabatier &amp; M.-F. Prévost 3161</i>	CAY029984	74388
<i>D. Sabatier &amp; M.-F. Prévost 2268</i>	CAY089646	73537	<i>D. Sabatier &amp; M.-F. Prévost 3165</i>	CAY076943	74392
<i>D. Sabatier &amp; M.-F. Prévost 2270</i>	CAY165155	73540	<i>D. Sabatier &amp; M.-F. Prévost 3169</i>	CAY031029	74396
<i>D. Sabatier &amp; M.-F. Prévost 2278</i>	CAY043876	73548	<i>D. Sabatier &amp; M.-F. Prévost 3209</i>	CAY082410	74436
<i>D. Sabatier &amp; M.-F. Prévost 2279</i>	CAY158812	73549	<i>D. Sabatier &amp; M.-F. Prévost 3215</i>	CAY162616	74442
<i>D. Sabatier &amp; M.-F. Prévost 2281</i>	CAY196811	73551	<i>D. Sabatier &amp; M.-F. Prévost 3219</i>		74445
<i>D. Sabatier &amp; M.-F. Prévost 2341</i>	CAY196731	73603	<i>D. Sabatier &amp; M.-F. Prévost 3243</i>	CAY165393	74466
<i>D. Sabatier &amp; M.-F. Prévost 2343</i>	CAY109649	73605	<i>D. Sabatier &amp; M.-F. Prévost 3253</i>	CAY006187	74476
<i>D. Sabatier &amp; M.-F. Prévost 2344</i>	CAY042014	73606	<i>D. Sabatier &amp; M.-F. Prévost 3262</i>	CAY197999	74485
<i>D. Sabatier &amp; M.-F. Prévost 2417</i>	CAY165272	73681	<i>D. Sabatier &amp; M.-F. Prévost 3296</i>	CAY163440	74519
<i>D. Sabatier &amp; M.-F. Prévost 2495</i>	CAY043096	73753	<i>D. Sabatier &amp; M.-F. Prévost 3298</i>	CAY088902	74521
<i>D. Sabatier &amp; M.-F. Prévost 2537</i>	CAY165235	73788	<i>D. Sabatier &amp; M.-F. Prévost 3306</i>	CAY033552	74529
<i>D. Sabatier &amp; M.-F. Prévost 2538</i>	CAY214488	73789	<i>D. Sabatier &amp; M.-F. Prévost 3308</i>	CAY034501	74532
<i>D. Sabatier &amp; M.-F. Prévost 2541</i>	CAY043746	73791	<i>D. Sabatier &amp; M.-F. Prévost 3308</i>	CAY034502	74532
<i>D. Sabatier &amp; M.-F. Prévost 2541</i>	CAY043747	73791	<i>D. Sabatier &amp; M.-F. Prévost 3319</i>	CAY100306	74543

Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>D. Sabatier &amp; M.-F. Prévost 3333</i>	CAY189775	74556	<i>D. Sabatier &amp; M.-F. Prévost 4341</i>	CAY206212	88502
<i>D. Sabatier &amp; M.-F. Prévost 3346</i>	CAY001999	74568	<i>D. Sabatier &amp; M.-F. Prévost 4359</i>	CAY017468	113987
<i>D. Sabatier &amp; M.-F. Prévost 3348</i>		74570	<i>D. Sabatier &amp; M.-F. Prévost 4359</i>	CAY200803	113987
<i>D. Sabatier &amp; M.-F. Prévost 3354</i>	CAY107358	74576	<i>D. Sabatier &amp; M.-F. Prévost 4361</i>	CAY192538	320838
<i>D. Sabatier &amp; M.-F. Prévost 3370</i>	CAY028646	74593	<i>D. Sabatier &amp; M.-F. Prévost 4385</i>	CAY198563	89253
<i>D. Sabatier &amp; M.-F. Prévost 3379</i>	CAY163881	74603	<i>D. Sabatier &amp; M.-F. Prévost 4403</i>	CAY215462	89260
<i>D. Sabatier &amp; M.-F. Prévost 3382</i>	CAY081853	74605	<i>D. Sabatier &amp; M.-F. Prévost 4419</i>	CAY108566	307898
<i>D. Sabatier &amp; M.-F. Prévost 3391</i>	CAY029186	74612	<i>D. Sabatier &amp; M.-F. Prévost 4421</i>	CAY089644	200750
<i>D. Sabatier &amp; M.-F. Prévost 3394</i>	CAY199131	74614	<i>D. Sabatier &amp; M.-F. Prévost 4423</i>	CAY000185	107662
<i>D. Sabatier &amp; M.-F. Prévost 3400</i>	CAY079378	74619	<i>D. Sabatier &amp; M.-F. Prévost 4424</i>	CAY085370	136540
<i>D. Sabatier &amp; M.-F. Prévost 3407</i>	CAY099816	74623	<i>D. Sabatier &amp; M.-F. Prévost 4425</i>	CAY107529	307016
<i>D. Sabatier &amp; M.-F. Prévost 3414</i>	CAY195010	74630	<i>D. Sabatier &amp; M.-F. Prévost 4426</i>	CAY001097	108122
<i>D. Sabatier &amp; M.-F. Prévost 3420</i>	CAY030040	74636	<i>D. Sabatier &amp; M.-F. Prévost 4426</i>	CAY001098	108122
<i>D. Sabatier &amp; M.-F. Prévost 3422</i>	CAY098399	74638	<i>D. Sabatier &amp; M.-F. Prévost 4427</i>	CAY016723	110526
<i>D. Sabatier &amp; M.-F. Prévost 3426</i>	CAY034924	74642	<i>D. Sabatier &amp; M.-F. Prévost 4427</i>	CAY016724	110526
<i>D. Sabatier &amp; M.-F. Prévost 3550</i>	CAY197874	74706	<i>D. Sabatier &amp; M.-F. Prévost 4427</i>	CAY016725	110526
<i>D. Sabatier &amp; M.-F. Prévost 3562</i>	CAY165792	74716	<i>D. Sabatier &amp; M.-F. Prévost 4429</i>	CAY206224	313288
<i>D. Sabatier &amp; M.-F. Prévost 3564</i>	CAY198650	74718	<i>D. Sabatier &amp; M.-F. Prévost 4429</i>	CAY206225	313288
<i>D. Sabatier &amp; M.-F. Prévost 3568</i>	CAY089965	74722	<i>D. Sabatier &amp; M.-F. Prévost 4432</i>	CAY004660	108813
<i>D. Sabatier &amp; M.-F. Prévost 3589</i>	CAY178561	74744	<i>D. Sabatier &amp; M.-F. Prévost 4432</i>	CAY004661	108813
<i>D. Sabatier &amp; M.-F. Prévost 3593</i>	CAY185126	74748	<i>D. Sabatier &amp; M.-F. Prévost 4434</i>	CAY004662	108814
<i>D. Sabatier &amp; M.-F. Prévost 3640</i>	CAY001864	74799	<i>D. Sabatier &amp; M.-F. Prévost 4434</i>	CAY004663	108814
<i>D. Sabatier &amp; M.-F. Prévost 3648</i>	CAY089709	74806	<i>D. Sabatier &amp; M.-F. Prévost 4631</i>	CAY018341	109274
<i>D. Sabatier &amp; M.-F. Prévost 3651</i>	CAY109612	74808	<i>D. Sabatier &amp; M.-F. Prévost 4675</i>	CAY193839	321169
<i>D. Sabatier &amp; M.-F. Prévost 3657</i>	CAY165639	74814	<i>D. Sabatier &amp; M.-F. Prévost 4826</i>	CAY055784	123501
<i>D. Sabatier &amp; M.-F. Prévost 3658</i>	CAY007148	74815	<i>D. Sabatier &amp; M.-F. Prévost 4826</i>	CAY055785	123501
<i>D. Sabatier &amp; M.-F. Prévost 3658</i>	CAY007149	74815	<i>D. Sabatier &amp; M.-F. Prévost 4829</i>	CAY065661	180223
<i>D. Sabatier &amp; M.-F. Prévost 3660</i>	CAY034219	74817	<i>D. Sabatier &amp; M.-F. Prévost 4830</i>	CAY055795	123917
<i>D. Sabatier &amp; M.-F. Prévost 3660</i>	CAY034220	74817	<i>D. Sabatier &amp; M.-F. Prévost 4830</i>	CAY055796	123917
<i>D. Sabatier &amp; M.-F. Prévost 3663</i>	CAY007037	74820	<i>D. Sabatier &amp; M.-F. Prévost 4848</i>	CAY164787	317540
<i>D. Sabatier &amp; M.-F. Prévost 3670</i>	CAY114692	74827	<i>D. Sabatier &amp; M.-F. Prévost 4857</i>	CAY058938	126741
<i>D. Sabatier &amp; M.-F. Prévost 3678</i>	CAY193511	74836	<i>D. Sabatier &amp; M.-F. Prévost 4857</i>	CAY058939	126741
<i>D. Sabatier &amp; M.-F. Prévost 3692</i>	CAY003899	74850	<i>D. Sabatier &amp; M.-F. Prévost 4910</i>	CAY047412	130063
<i>D. Sabatier &amp; M.-F. Prévost 3758</i>	CAY193781	74918	<i>D. Sabatier &amp; M.-F. Prévost 4910</i>	CAY047413	130063
<i>D. Sabatier &amp; M.-F. Prévost 3762</i>	CAY096960	74922	<i>D. Sabatier &amp; M.-F. Prévost 4914</i>	CAY047415	130065
<i>D. Sabatier &amp; M.-F. Prévost 3766</i>	CAY199246	74925	<i>D. Sabatier &amp; M.-F. Prévost 4921</i>	CAY065641	180210
<i>D. Sabatier &amp; M.-F. Prévost 3780</i>	CAY043050	74939	<i>D. Sabatier &amp; M.-F. Prévost 4921</i>	CAY065642	180210
<i>D. Sabatier &amp; M.-F. Prévost 3797</i>	CAY028845	74955	<i>D. Sabatier &amp; M.-F. Prévost 4921</i>	CAY065643	180210
<i>D. Sabatier &amp; M.-F. Prévost 3797</i>	CAY028846	74955	<i>D. Sabatier &amp; M.-F. Prévost 4926</i>	CAY047418	130067
<i>D. Sabatier &amp; M.-F. Prévost 3833</i>	CAY031036	74989	<i>D. Sabatier &amp; M.-F. Prévost 4926</i>	CAY047419	130067
<i>D. Sabatier &amp; M.-F. Prévost 3850</i>	CAY166404	75005	<i>D. Sabatier &amp; M.-F. Prévost 4928</i>	CAY072506	131746
<i>D. Sabatier &amp; M.-F. Prévost 3855</i>	CAY007081	75010	<i>D. Sabatier &amp; M.-F. Prévost 4928</i>	CAY072507	131746
<i>D. Sabatier &amp; M.-F. Prévost 3857</i>	CAY215784	75012	<i>D. Sabatier &amp; M.-F. Prévost 4962</i>	CAY065656	180219
<i>D. Sabatier &amp; M.-F. Prévost 3886</i>	CAY109661	75039	<i>D. Sabatier &amp; M.-F. Prévost 4962</i>	CAY065657	180219
<i>D. Sabatier &amp; M.-F. Prévost 3896</i>	CAY097639	75052	<i>D. Sabatier &amp; M.-F. Prévost 5046</i>	CAY073268	132366
<i>D. Sabatier &amp; M.-F. Prévost 3937</i>	CAY034915	75090	<i>D. Sabatier &amp; M.-F. Prévost 5046</i>	CAY073269	132366
<i>D. Sabatier &amp; M.-F. Prévost 3944</i>	CAY194933	75097	<i>D. Sabatier &amp; M.-F. Prévost 5047</i>	CAY073329	132395
<i>D. Sabatier &amp; M.-F. Prévost 3946</i>	CAY041950	75099	<i>D. Sabatier &amp; M.-F. Prévost 5047</i>	CAY073330	132395
<i>D. Sabatier &amp; M.-F. Prévost 3946</i>	CAY041950	75099	<i>D. Sabatier &amp; M.-F. Prévost 5049</i>	CAY073270	132367
<i>D. Sabatier &amp; M.-F. Prévost 3953</i>	CAY163640	75106	<i>D. Sabatier &amp; M.-F. Prévost 5055</i>	CAY073318	132387
<i>D. Sabatier &amp; M.-F. Prévost 3967</i>	CAY198628	75115	<i>D. Sabatier &amp; M.-F. Prévost 5055</i>	CAY073319	132387
<i>D. Sabatier &amp; M.-F. Prévost 3983</i>	CAY081846	75132	<i>D. Sabatier &amp; M.-F. Prévost 5276</i>	CAY093832	300365
<i>D. Sabatier &amp; M.-F. Prévost 4064</i>	CAY166403	75201	<i>D. Sabatier &amp; M.-F. Prévost 5402</i>	CAY089482	137854
<i>D. Sabatier &amp; M.-F. Prévost 4066</i>	CAY184139	75203	<i>D. Sabatier &amp; M.-F. Prévost 5403</i>	CAY086411	136681
<i>D. Sabatier &amp; M.-F. Prévost 4068</i>	CAY169307	75205	<i>D. Sabatier &amp; M.-F. Prévost 5411</i>	CAY088389	137359
<i>D. Sabatier &amp; M.-F. Prévost 4072</i>	CAY043897	75207	<i>D. Sabatier &amp; M.-F. Prévost 5421</i>	CAY110488	302620
<i>D. Sabatier &amp; M.-F. Prévost 4087</i>	CAY008073	75221	<i>D. Sabatier &amp; M.-F. Prévost 5421</i>	CAY110489	302620
<i>D. Sabatier &amp; M.-F. Prévost 4124</i>	CAY115324	75249	<i>D. Sabatier &amp; M.-F. Prévost 5595</i>	CAY112114	308827
<i>D. Sabatier &amp; M.-F. Prévost 4126</i>	CAY206134	75251			
<i>D. Sabatier &amp; M.-F. Prévost 4137</i>	CAY198606	75259	<i>D. Sabatier &amp; P. Birnbaum 4451</i>	CAY004655	108809
<i>D. Sabatier &amp; M.-F. Prévost 4170</i>		75282	<i>D. Sabatier &amp; P. Birnbaum 4608</i>	CAY032504	122343
<i>D. Sabatier &amp; M.-F. Prévost 4177</i>	CAY024594	75288			
<i>D. Sabatier &amp; M.-F. Prévost 4200</i>	CAY042105	75301	<i>D. Sabatier &amp; S. Gonzalez 5370</i>	CAY088478	137377
<i>D. Sabatier &amp; M.-F. Prévost 4201</i>	CAY074911	75302	<i>D. Sabatier &amp; S. Gonzalez 5371</i>	CAY089473	137845
<i>D. Sabatier &amp; M.-F. Prévost 4221</i>	CAY178911	318524	<i>D. Sabatier &amp; S. Gonzalez 5381</i>	CAY088483	137382
<i>D. Sabatier &amp; M.-F. Prévost 4226</i>	CAY090187	75307	<i>D. Sabatier &amp; S. Gonzalez 5385</i>	CAY110349	302445
<i>D. Sabatier &amp; M.-F. Prévost 4234</i>	CAY165256	75309	<i>D. Sabatier &amp; S. Gonzalez 5385</i>	CAY110350	302445
<i>D. Sabatier &amp; M.-F. Prévost 4282</i>	CAY191746	320771	<i>D. Sabatier &amp; S. Gonzalez 5387</i>	CAY109443	307864
			<i>D. Sabatier &amp; S. Gonzalez 5387</i>	CAY111703	307864
			<i>D. Sabatier &amp; S. Gonzalez 5387</i>	CAY111704	307864
			<i>D. Sabatier &amp; S. Gonzalez 5399</i>	CAY088490	137387

## Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>D. Sabatier 1001</i>	CAY081771	72387	<i>D. Sabatier 3146</i>	CAY002075	74374
<i>D. Sabatier 1009</i>	CAY157743	72395	<i>D. Sabatier 3500</i>	CAY027874	74658
<i>D. Sabatier 1018</i>	CAY158435	72404	<i>D. Sabatier 3516</i>	CAY049349	74673
<i>D. Sabatier 1018</i>	CAY158436	72404	<i>D. Sabatier 3519</i>	CAY098228	74675
<i>D. Sabatier 1027</i>	CAY098263	72413	<i>D. Sabatier 3519</i>	CAY098229	74675
<i>D. Sabatier 1027</i>	CAY098264	72413	<i>D. Sabatier 3521</i>	CAY028874	74677
<i>D. Sabatier 1031</i>	CAY193899	72417	<i>D. Sabatier 3524</i>	CAY109616	74680
<i>D. Sabatier 1051</i>	CAY216065	72435	<i>D. Sabatier 3526</i>	CAY003186	74681
<i>D. Sabatier 1052</i>	CAY191524	72436	<i>D. Sabatier 3528</i>	CAY033408	74683
<i>D. Sabatier 1055</i>	CAY075808	72439	<i>D. Sabatier 3535</i>	CAY089738	74693
<i>D. Sabatier 1098</i>	CAY099540	72476	<i>D. Sabatier 3536</i>	CAY191122	74695
<i>D. Sabatier 1106</i>	CAY099808	88434	<i>D. Sabatier 3540</i>	CAY208014	74699
<i>D. Sabatier 1170</i>	CAY024988	72540	<i>D. Sabatier 3547</i>	CAY021939	115835
<i>D. Sabatier 1170</i>	CAY024989	72540	<i>D. Sabatier 3556</i>	CAY178426	74710
<i>D. Sabatier 1196</i>	CAY081839	72563	<i>D. Sabatier 3571</i>	CAY194240	74726
<i>D. Sabatier 1213</i>	CAY024995	88445	<i>D. Sabatier 3573</i>	CAY028735	74729
<i>D. Sabatier 1219</i>	CAY099184	72578	<i>D. Sabatier 3573</i>	CAY028736	74729
<i>D. Sabatier 1220</i>		72579	<i>D. Sabatier 3574</i>		100683
<i>D. Sabatier 1234</i>	CAY160526	315544	<i>D. Sabatier 3575</i>	CAY158548	74730
<i>D. Sabatier 1237</i>	CAY089915	72587	<i>D. Sabatier 4370</i>	CAY059003	126801
<i>D. Sabatier 1242</i>	CAY157848	72592	<i>D. Sabatier 4462</i>	CAY018329	109260
<i>D. Sabatier 1249</i>	CAY062800	72599	<i>D. Sabatier 4462</i>	CAY018330	109260
<i>D. Sabatier 1267</i>	CAY098464	72615	<i>D. Sabatier 4462</i>	CAY018331	109260
<i>D. Sabatier 1277</i>	CAY028804	72625	<i>D. Sabatier 4682</i>	CAY056511	124542
<i>D. Sabatier 1423</i>	CAY214275	72785	<i>D. Sabatier 4707</i>	CAY037573	120032
<i>D. Sabatier 1430</i>	CAY099105	72792	<i>D. Sabatier 4815</i>	CAY032512	122350
<i>D. Sabatier 1433</i>	CAY007948	72795	<i>D. Sabatier 4853</i>	CAY112115	308828
<i>D. Sabatier 1462</i>	CAY107609	72817	<i>D. Sabatier 4861</i>	CAY065604	180175
<i>D. Sabatier 1464</i>	CAY097878	72819	<i>D. Sabatier 4861</i>	CAY065605	180175
<i>D. Sabatier 1488</i>	CAY089687	72843	<i>D. Sabatier 4862</i>	CAY072503	131743
<i>D. Sabatier 1512</i>	CAY042000	72867	<i>D. Sabatier 4863</i>	CAY072504	131744
<i>D. Sabatier 1516</i>		72871	<i>D. Sabatier 4872</i>	CAY065607	180177
<i>D. Sabatier 1528</i>	CAY100055	72881	<i>D. Sabatier 4873</i>	CAY065608	180178
<i>D. Sabatier 1539</i>	CAY165265	72891	<i>D. Sabatier 4874</i>	CAY065609	180180
<i>D. Sabatier 1541</i>	CAY214307	72893	<i>D. Sabatier 4896</i>	CAY175566	319490
<i>D. Sabatier 1546</i>	CAY030251	72896	<i>D. Sabatier 4896</i>	CAY175567	319490
<i>D. Sabatier 1691</i>	CAY088543	73001	<i>D. Sabatier 4897</i>	CAY065610	180181
<i>D. Sabatier 1772</i>	CAY089724	73064	<i>D. Sabatier 4897</i>	CAY213525	180181
<i>D. Sabatier 2100</i>	CAY049582	73372	<i>D. Sabatier 4897</i>	CAY213526	180181
<i>D. Sabatier 2102</i>	CAY016579	109948	<i>D. Sabatier 5139</i>	CAY088462	137363
<i>D. Sabatier 2102</i>	CAY016580	109948	<i>D. Sabatier 5571</i>	CAY104864	306668
<i>D. Sabatier 2241</i>	CAY098713	73512	<i>D. Sabatier 5571</i>	CAY104865	306668
<i>D. Sabatier 2246</i>	CAY194601	73516	<i>D. Sabatier 5572</i>	CAY108066	307252
<i>D. Sabatier 2259</i>	CAY010165	73528	<i>D. Sabatier 5573</i>	CAY104787	306623
<i>D. Sabatier 2294</i>	CAY043878	73561	<i>D. Sabatier 5574</i>	CAY109439	307855
<i>D. Sabatier 2300</i>	CAY010148	73566	<i>D. Sabatier 5574</i>	CAY111685	307855
<i>D. Sabatier 2302</i>	CAY007810	73568	<i>D. Sabatier 5778</i>	CAY108070	307257
<i>D. Sabatier 2306</i>	CAY042703	73572	<i>D. Sabatier 5785</i>	CAY112111	308825
<i>D. Sabatier 2308</i>	CAY091640	73574	<i>D. Sabatier 5785</i>	CAY112112	308825
<i>D. Sabatier 2312</i>		73577	<i>D. Sabatier 5792</i>	CAY111681	307853
<i>D. Sabatier 2316</i>	CAY191365	73580	<i>D. Sabatier 5792</i>	CAY111682	307853
<i>D. Sabatier 2317</i>	CAY033078	73581	<i>D. Sabatier 5799</i>	CAY112116	308829
<i>D. Sabatier 2321</i>	CAY032799	73585	<i>D. Sabatier 5843</i>	CAY164785	317538
<i>D. Sabatier 2329</i>	CAY176772	73590	<i>D. Sabatier 824</i>	CAY009805	72262
<i>D. Sabatier 2338</i>	CAY100320	73600	<i>D. Sabatier 824</i>	CAY009806	72262
<i>D. Sabatier 2339</i>	CAY098596	73601	<i>D. Sabatier 824</i>	CAY009807	72262
<i>D. Sabatier 2346</i>		73608	<i>D. Sabatier 828</i>	CAY114668	72265
<i>D. Sabatier 2347</i>	CAY165574	73609	<i>D. Sabatier 839</i>	CAY009621	72276
<i>D. Sabatier 2372</i>	CAY192736	73637	<i>D. Sabatier 839</i>	CAY009622	72276
<i>D. Sabatier 2447</i>	CAY158896	73707	<i>D. Sabatier 839</i>	CAY009623	72276
<i>D. Sabatier 2448</i>	CAY158810	73708	<i>D. Sabatier 842</i>		72279
<i>D. Sabatier 2450</i>	CAY099386	73710	<i>D. Sabatier 844</i>	CAY160615	72281
<i>D. Sabatier 2529</i>	CAY023804	73781	<i>D. Sabatier 844</i>	CAY160769	72281
<i>D. Sabatier 2530</i>	CAY174605	73782	<i>D. Sabatier 854</i>	CAY104025	72290
<i>D. Sabatier 28</i>	CAY107778	71638	<i>D. Sabatier 854</i>	CAY104026	72290
<i>D. Sabatier 28</i>	CAY107779	71638	<i>D. Sabatier 858</i>	CAY097377	72293
<i>D. Sabatier 3005</i>	CAY165795	74237	<i>D. Sabatier 865</i>	CAY086653	72300
<i>D. Sabatier 3012</i>	CAY046448	74246	<i>D. Sabatier 865</i>	CAY086654	72300

Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>D. Sabatier 876</i>	CAY183724	72310	<i>G. Cremers &amp; M. Hoff 11240</i>	CAY046830	16510
<i>D. Sabatier 876</i>	CAY183725	72310	<i>G. Cremers &amp; P. Petronelli 11776</i>	CAY090377	17038
<i>D. Sabatier 922</i>	CAY034012	72333	<i>G. Cremers 14582</i>	CAY157875	86731
<i>D. Sabatier 925</i>	CAY163835	72336	<i>G. Cremers 14582</i>	CAY157876	86731
<i>D. Sabatier 931</i>	CAY024880	200021	<i>G. Cremers 6509</i>	CAY043457	11766
<i>D. Sabatier 931</i>	CAY024881	200021	<i>G. Cremers 6509</i>	CAY043458	11766
<i>D. Sabatier 960</i>	CAY190805	320674	<i>G. Cremers 7287</i>	CAY030116	12561
<i>D. Sabatier 965</i>	CAY180659	72360	<i>G. Cremers 7287</i>	CAY074017	12561
<i>D. Sabatier 965</i>	CAY180660	72360	<i>G. Cremers 8233</i>		13527
<i>D. Sabatier 981</i>	CAY084858	72369	<i>G. Cremers 8385</i>	CAY178924	13678
<i>D. Sabatier 984</i>	CAY097873	72370	<i>G. Cremers 8385</i>	CAY178925	13678
<i>D. Sabatier 984</i>	CAY097874	72370	<i>G. Cremers 8397</i>	CAY030810	13690
<i>D. Sabatier 990</i>		72376	<i>G. Cremers 8397</i>	CAY030811	13690
<i>D. Sabatier 996</i>	CAY029806	72382	<i>G. Cremers 8448</i>	CAY074712	13741
<i>D. Sabatier et al. 4393</i>	CAY028795	89250	<i>G. Cremers 8448</i>	CAY074713	13741
<i>D. Sabatier et al. 4457</i>	CAY018320	109264	<i>G. Cremers 8448</i>	CAY074714	13741
<i>D. Sabatier et al. 4457</i>	CAY018321	109264	<i>H. de Foresta 125ter</i>	CAY028226	116329
<i>D. Sabatier et al. 4604</i>	CAY004963	109255	<i>H. de Foresta 125ter</i>	CAY028227	116329
<i>D. Sabatier et al. 4622</i>	CAY018373	109315	<i>H. de Foresta 490</i>	CAY062806	25083
<i>D. Sabatier et al. 4623</i>	CAY018363	109312	<i>H. de Foresta 760</i>	CAY213342	25338
<i>D. Sabatier et al. 4623</i>	CAY018364	109312	<i>H. de Foresta 760</i>	CAY213343	25338
<i>D. Sabatier et al. 4712</i>	CAY028312	116348	<i>H. Jacquemin 1763</i>	CAY027031	47219
<i>D. Sabatier et al. 4712</i>	CAY028313	116348	<i>H. Jacquemin 1763</i>	CAY027032	47219
<i>D. Sabatier et al. 4780</i>	CAY032505	122344	<i>H. Jacquemin 1903</i>	CAY084951	47350
<i>D. Sabatier et al. 4781</i>	CAY036008	118893	<i>H. Jacquemin 1903</i>	CAY084952	47350
<i>D. Sabatier et al. 4786</i>	CAY036005	118891	<i>H. Jacquemin 1903</i>	CAY084953	47350
<i>D. Sabatier et al. 4794</i>	CAY037587	120045	<i>H. Jacquemin 1903</i>	CAY084953	47350
<i>D. Sabatier et al. 4880</i>	CAY112647	309162	<i>H. Jacquemin 2435</i>	CAY178197	47821
<i>D. Sabatier et al. 4891</i>	CAY182887	322615	<i>H. Puig 12055</i>	CAY040283	68911
<i>D. Sabatier et al. 5161</i>	CAY069651	133820	<i>H. Richard &amp; A. Mambe 622</i>	CAY113931	310344
<i>D. Sabatier et al. 5250</i>	CAY089467	137841	<i>H. Richard &amp; Bagadi 674</i>	CAY113954	310464
<i>D. Sabatier et al. 5252</i>	CAY088465	137366	<i>H. Richard &amp; J. Ateni 432</i>	CAY113910	310325
<i>D. Sabatier et al. 5252</i>	CAY088466	137366	<i>H. Richard 70</i>	CAY084997	136501
<i>D. Sabatier et al. 5262</i>	CAY088473	137372	<i>H. Richard 70</i>	CAY084998	136501
<i>D. Sabatier et al. 5802</i>	CAY109471	308551	<i>H. van der Werff et al. 12951</i>	CAY184925	86206
<i>D. Sabatier et al. 5802</i>	CAY109472	308551	<i>H.D. Clarke 3146</i>	CAY177774	318415
<i>D. Sabatier et al. 5803</i>	CAY109473	308552	<i>H.D. Clarke 5485</i>	CAY167091	316444
<i>D. Sabatier et al. 5805</i>	CAY109478	308558	<i>I. Petrov 185</i>	CAY024986	65590
<i>D. Sabatier et al. 5805</i>	CAY109479	308558	<i>I. Petrov 185</i>	CAY024987	65590
<i>D. Sabatier et al. 5806</i>	CAY111815	308684	<i>J. Engel &amp; P. Petronelli 19</i>		324443
<i>D. Sabatier et al. 5806</i>	CAY111816	308684	<i>J. Engel et al. 14</i>		324140
<i>D. Sabatier et al. 5812</i>	CAY175547	319483	<i>J.-F. Molino &amp; D. Sabatier 1703</i>	CAY101028	123719
<i>D. Sabatier et al. 5812</i>	CAY175548	319483	<i>J.-F. Molino &amp; D. Sabatier 1725</i>	CAY029130	108271
<i>D. Sabatier et al. 6003</i>	CAY175584	319504	<i>J.-F. Molino &amp; D. Sabatier 1948</i>	CAY004673	108822
<i>D. Sabatier et al. 6009</i>		324134	<i>J.-F. Molino &amp; D. Sabatier 1968</i>	CAY004968	112287
<i>D. Sabatier et al. 6043</i>		324133	<i>J.-F. Molino &amp; D. Sabatier 1987</i>	CAY037600	120056
<i>D. Sabatier et al. 6122</i>	CAY175563	319489	<i>J.-F. Molino &amp; D. Sabatier 1991</i>	CAY037604	120060
<i>D. Sabatier et al. 6122</i>	CAY175564	319489	<i>J.-F. Molino &amp; D. Sabatier 1993</i>		123908
<i>D. Sabatier et al. 6122</i>	CAY175565	319489	<i>J.-F. Molino &amp; D. Sabatier 1994</i>	CAY037607	120062
<i>D. Sabatier et al. 6161</i>		324135	<i>J.-F. Molino &amp; D. Sabatier 1994</i>	CAY037608	120062
<i>D. Sabatier et al. 6272</i>	CAY175612	319540	<i>J.-F. Molino &amp; D. Sabatier 1994</i>	CAY037608	120062
<i>F. Billiet &amp; B. Jadin 1232</i>	CAY203839	3797	<i>J.-F. Molino &amp; D. Sabatier 1995</i>	CAY037609	120063
<i>F. Billiet &amp; B. Jadin 1232</i>	CAY203840	3797	<i>J.-F. Molino &amp; D. Sabatier 1995</i>	CAY037610	120063
<i>F. Billiet &amp; B. Jadin 1431</i>		3875	<i>J.-F. Molino &amp; D. Sabatier 2096</i>	CAY056355	124406
<i>F. Billiet 1286</i>	CAY188245	3834	<i>J.-F. Molino &amp; D. Sabatier 2099</i>	CAY056358	124409
<i>F. Hallé 1018</i>	CAY028108	43133	<i>J.-F. Molino &amp; D. Sabatier 2133</i>	CAY071558	131545
<i>F. Hallé 1018</i>	CAY028109	43133	<i>J.-F. Molino &amp; D. Sabatier 2147</i>	CAY071566	131551
<i>F. Hallé 626</i>	CAY009779	43056	<i>J.-F. Molino &amp; D. Sabatier 2158</i>	CAY071577	131560
<i>F. Hallé 629</i>	CAY030373	43057	<i>J.-F. Molino &amp; D. Sabatier 2158</i>	CAY071578	131560
<i>G. Angel 29</i>	CAY107617	87030	<i>J.-F. Molino &amp; D. Sabatier 2158</i>	CAY071579	131560
<i>G. Bourdy 2941</i>	CAY057276	125237	<i>J.-F. Molino &amp; D. Sabatier 2164</i>	CAY073354	132410
<i>G. Cremers &amp; F. Crozier 15215</i>	CAY101097	303911	<i>J.-F. Molino &amp; D. Sabatier 2164</i>	CAY073355	132410
<i>G. Cremers &amp; J.-J. de Granville 13176</i>	CAY042621	18399	<i>J.-F. Molino &amp; D. Sabatier 2173</i>	CAY073213	132320
<i>G. Cremers &amp; J.-J. de Granville 13176</i>	CAY042622	18399	<i>J.-F. Molino &amp; D. Sabatier 2174</i>	CAY073372	132424
<i>G. Cremers &amp; J.-J. de Granville 13176</i>	CAY101109	18399			
<i>G. Cremers &amp; J.-J. de Granville 13176</i>	CAY101110	18399			

## Appendix 4. — Continuation.

Collecte	CB	id_ echantillon	Collecte	CB	id_ echantillon
<i>J.-F. Molino &amp; D. Sabatier 2174</i>	CAY073373	132424	<i>J.-F. Molino &amp; D. Sabatier 2773</i>	CAY111910	308774
<i>J.-F. Molino &amp; D. Sabatier 2218</i>	CAY073393	132439	<i>J.-F. Molino &amp; D. Sabatier 2788</i>	CAY112310	309007
<i>J.-F. Molino &amp; D. Sabatier 2230</i>	CAY073402	132448	<i>J.-F. Molino &amp; D. Sabatier 2797</i>	CAY104841	306649
<i>J.-F. Molino &amp; D. Sabatier 2230</i>	CAY073403	132448	<i>J.-F. Molino &amp; D. Sabatier 2803</i>	CAY111676	307849
<i>J.-F. Molino &amp; D. Sabatier 2246</i>	CAY073228	132332	<i>J.-F. Molino &amp; D. Sabatier 2810</i>	CAY104628	306572
<i>J.-F. Molino &amp; D. Sabatier 2248</i>	CAY073420	132462	<i>J.-F. Molino &amp; D. Sabatier 2815</i>	CAY104634	306578
<i>J.-F. Molino &amp; D. Sabatier 2249</i>	CAY073421	132463	<i>J.-F. Molino &amp; D. Sabatier 2816</i>	CAY111653	307828
<i>J.-F. Molino &amp; D. Sabatier 2249</i>	CAY073422	132463	<i>J.-F. Molino &amp; D. Sabatier 2834</i>	CAY111678	307851
<i>J.-F. Molino &amp; D. Sabatier 2250</i>	CAY073423	132464	<i>J.-F. Molino &amp; D. Sabatier 2834</i>	CAY111679	307851
<i>J.-F. Molino &amp; D. Sabatier 2254</i>	CAY073424	132465	<i>J.-F. Molino &amp; D. Sabatier 2844</i>	CAY104840	306648
<i>J.-F. Molino &amp; D. Sabatier 2254</i>	CAY073425	132465	<i>J.-F. Molino &amp; D. Sabatier 2846</i>	CAY104847	306653
<i>J.-F. Molino &amp; D. Sabatier 2255</i>	CAY073350	132408	<i>J.-F. Molino &amp; D. Sabatier 2850</i>	CAY164794	317545
<i>J.-F. Molino &amp; D. Sabatier 2255</i>	CAY073351	132408	<i>J.-F. Molino &amp; D. Sabatier 2869</i>	CAY164543	317086
<i>J.-F. Molino &amp; D. Sabatier 2262</i>	CAY073235	132338	<i>J.-F. Molino &amp; D. Sabatier 2871</i>	CAY164544	317087
<i>J.-F. Molino &amp; D. Sabatier 2262</i>	CAY073236	132338	<i>J.-F. Molino &amp; D. Sabatier 3313</i>	CAY164504	317046
<i>J.-F. Molino &amp; D. Sabatier 2267</i>	CAY073429	132469	<i>J.-F. Molino &amp; D. Sabatier 3313</i>	CAY164505	317046
<i>J.-F. Molino &amp; D. Sabatier 2270</i>	CAY073357	132412	<i>J.-F. Molino &amp; M.-F. Prévost 2531</i>	CAY104426	306499
<i>J.-F. Molino &amp; D. Sabatier 2270</i>	CAY073358	132412	<i>J.-F. Molino 731</i>	CAY043008	122879
<i>J.-F. Molino &amp; D. Sabatier 2284</i>	CAY081074	135581	<i>J.-F. Molino 907</i>	CAY185009	123010
<i>J.-F. Molino &amp; D. Sabatier 2287</i>	CAY077768	134209	<i>J.-F. Molino 907</i>	CAY185010	123010
<i>J.-F. Molino &amp; D. Sabatier 2287</i>	CAY077769	134209	<i>J.-F. Molino 921</i>	CAY165928	123016
<i>J.-F. Molino &amp; D. Sabatier 2290</i>	CAY077772	134211	<i>J.-F. Molino 921</i>	CAY165929	123016
<i>J.-F. Molino &amp; D. Sabatier 2307</i>	CAY081084	135591	<i>J.-F. Molino 936</i>	CAY043011	123024
<i>J.-F. Molino &amp; D. Sabatier 2309</i>	CAY081085	135592	<i>J.-F. Molino 938</i>	CAY048618	123026
<i>J.-F. Molino &amp; D. Sabatier 2319</i>	CAY093843	300376	<i>J.-F. Molino 1107</i>	CAY191831	123150
<i>J.-F. Molino &amp; D. Sabatier 2329</i>	CAY081089	135596	<i>J.-F. Molino 1155</i>	CAY201026	123188
<i>J.-F. Molino &amp; D. Sabatier 2332</i>	CAY077786	134223	<i>J.-F. Molino 1181</i>	CAY017300	123207
<i>J.-F. Molino &amp; D. Sabatier 2332</i>	CAY077787	134223	<i>J.-F. Molino 1181</i>	CAY117276	123207
<i>J.-F. Molino &amp; D. Sabatier 2335</i>	CAY077789	134225	<i>J.-F. Molino 1197</i>	CAY034281	123228
<i>J.-F. Molino &amp; D. Sabatier 2337</i>	CAY077791	134227	<i>J.-F. Molino 1197</i>	CAY034282	123228
<i>J.-F. Molino &amp; D. Sabatier 2349</i>	CAY077796	134232	<i>J.-F. Molino 1198</i>	CAY099521	107184
<i>J.-F. Molino &amp; D. Sabatier 2365</i>	CAY081096	135603	<i>J.-F. Molino 1363</i>	CAY093089	123434
<i>J.-F. Molino &amp; D. Sabatier 2367</i>	CAY081098	135605	<i>J.-F. Molino 1556</i>	CAY042995	123599
<i>J.-F. Molino &amp; D. Sabatier 2399</i>	CAY081104	135611	<i>J.-F. Molino 1556</i>	CAY042996	123599
<i>J.-F. Molino &amp; D. Sabatier 2401</i>	CAY080998	135515	<i>J.-F. Molino 1617</i>	CAY097555	123648
<i>J.-F. Molino &amp; D. Sabatier 2403</i>	CAY081000	135517	<i>J.-F. Molino 1766</i>		107190
<i>J.-F. Molino &amp; D. Sabatier 2417</i>	CAY093847	300380	<i>J.-F. Molino 1769</i>	CAY177161	123762
<i>J.-F. Molino &amp; D. Sabatier 2419</i>	CAY081018	135535	<i>J.-F. Molino 1769</i>	CAY177162	123762
<i>J.-F. Molino &amp; D. Sabatier 2436</i>	CAY081027	135543	<i>J.-F. Molino 1924</i>	CAY080698	123886
<i>J.-F. Molino &amp; D. Sabatier 2437</i>	CAY089462	137836	<i>J.-F. Molino 2144</i>	CAY071196	131444
<i>J.-F. Molino &amp; D. Sabatier 2438</i>	CAY093794	300327	<i>J.-F. Molino 2144</i>	CAY071197	131444
<i>J.-F. Molino &amp; D. Sabatier 2442</i>	CAY081032	135547	<i>J.-F. Molino 2235</i>	CAY073409	132453
<i>J.-F. Molino &amp; D. Sabatier 2448</i>	CAY081109	135616	<i>J.-F. Molino 3328</i>	CAY173359	317945
<i>J.-F. Molino &amp; D. Sabatier 2461</i>	CAY083920	136296	<i>J.-F. Molino 3429</i>	CAY220112	323767
<i>J.-F. Molino &amp; D. Sabatier 2464</i>	CAY109508	308460	<i>J.-F. Molino 3430</i>	CAY220109	323762
<i>J.-F. Molino &amp; D. Sabatier 2464</i>	CAY109509	308460			
<i>J.-F. Molino &amp; D. Sabatier 2484</i>	CAY093799	300332	<i>J.-F. Molino et al. 1661</i>	CAY162966	123683
<i>J.-F. Molino &amp; D. Sabatier 2469</i>	CAY083639	136082	<i>J.-F. Molino et al. 1661</i>	CAY162967	123683
<i>J.-F. Molino &amp; D. Sabatier 2496</i>	CAY084969	136474	<i>J.-F. Molino et al. 1852</i>	CAY181740	123825
<i>J.-F. Molino &amp; D. Sabatier 2505</i>	CAY084972	136477	<i>J.-F. Molino et al. 1981</i>	CAY004960	112292
<i>J.-F. Molino &amp; D. Sabatier 2657</i>	CAY104420	306484	<i>J.-F. Molino et al. 2007</i>	CAY035622	118650
<i>J.-F. Molino &amp; D. Sabatier 2661</i>	CAY104416	306481	<i>J.-F. Molino et al. 2041</i>	CAY035638	118666
<i>J.-F. Molino &amp; D. Sabatier 2664</i>	CAY109464	307843	<i>J.-F. Molino et al. 2041</i>	CAY035639	118666
<i>J.-F. Molino &amp; D. Sabatier 2664</i>	CAY111670	307843	<i>J.-F. Molino et al. 2070</i>	CAY056330	124386
<i>J.-F. Molino &amp; D. Sabatier 2673</i>	CAY104854	306660	<i>J.-F. Molino et al. 2070</i>	CAY056331	124386
<i>J.-F. Molino &amp; D. Sabatier 2679</i>	CAY220162	323823	<i>J.-F. Molino et al. 2071</i>	CAY056332	124387
<i>J.-F. Molino &amp; D. Sabatier 2679</i>	CAY220163	323823	<i>J.-F. Molino et al. 2075</i>	CAY056338	124391
<i>J.-F. Molino &amp; D. Sabatier 2692</i>	CAY108505	307667	<i>J.-F. Molino et al. 2076</i>	CAY056339	124392
<i>J.-F. Molino &amp; D. Sabatier 2692</i>	CAY109460	307667	<i>J.-F. Molino et al. 2083</i>	CAY071165	131426
<i>J.-F. Molino &amp; D. Sabatier 2693</i>	CAY104869	306671	<i>J.-F. Molino et al. 2083</i>	CAY071166	131426
<i>J.-F. Molino &amp; D. Sabatier 2696</i>	CAY104853	306659	<i>J.-F. Molino et al. 2086</i>	CAY056348	124399
<i>J.-F. Molino &amp; D. Sabatier 2708</i>	CAY111648	307823	<i>J.-F. Molino et al. 2108</i>	CAY056367	124417
<i>J.-F. Molino &amp; D. Sabatier 2713</i>	CAY111909	308771	<i>J.-F. Molino et al. 2112</i>	CAY056372	124421
<i>J.-F. Molino &amp; D. Sabatier 2714</i>	CAY108330	307578	<i>J.-F. Molino et al. 2112</i>	CAY056373	124421
<i>J.-F. Molino &amp; D. Sabatier 2716</i>	CAY111640	307816	<i>J.-F. Molino et al. 2116</i>	CAY056376	124424
<i>J.-F. Molino &amp; D. Sabatier 2719</i>	CAY111677	307850	<i>J.-F. Molino et al. 2124</i>	CAY071173	131430
<i>J.-F. Molino &amp; D. Sabatier 2736</i>	CAY111907	308769	<i>J.-F. Molino et al. 2130</i>	CAY071184	131437
<i>J.-F. Molino &amp; D. Sabatier 2751</i>	CAY111649	307824	<i>J.-F. Molino et al. 2143</i>	CAY071564	131549

Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>J.-F. Molino et al. 3305</i>	CAY161999	317040	<i>J.-J. de Granville 17659</i>	CAY111313	304502
<i>J.-F. Molino et al. 3309</i>	CAY164501	317043	<i>J.-J. de Granville 17659</i>	CAY111314	304502
<i>J.-F. Molino et al. 3315</i>	CAY220157	323815	<i>J.-J. de Granville 17659</i>	CAY111322	304502
<i>J.-F. Molino et al. 3325</i>	CAY164512	317052	<i>J.-J. de Granville 17664</i>	CAY111335	304599
<i>J.-F. Molino et al. 3329</i>	CAY164793	317544	<i>J.-J. de Granville 17664</i>	CAY111336	304599
<i>J.-F. Molino et al. 3333</i>	CAY164515	317056	<i>J.-J. de Granville 17664</i>	CAY111337	304599
<i>J.-F. Molino et al. 3352</i>	CAY164530	317073	<i>J.-J. de Granville 1869</i>	CAY097293	28657
<i>J.-F. Molino et al. 3366</i>	CAY164532	317075	<i>J.-J. de Granville 2200</i>	CAY167222	28938
<i>J.-F. Molino et al. 3371</i>	CAY164541	317084	<i>J.-J. de Granville 2200</i>	CAY167223	28938
<i>J.-F. Molino et al. 3372</i>	CAY164542	317085	<i>J.-J. de Granville 2902</i>	CAY104000	29618
<i>J.-F. Molino et al. 3375</i>	CAY164535	317078	<i>J.-J. de Granville 2902</i>	CAY104001	29618
<i>J.-F. Molino et al. 3382</i>	CAY220124	323783	<i>J.-J. de Granville 3327</i>	CAY097273	30033
<i>J.-F. Molino et al. 3397</i>	CAY164520	317061	<i>J.-J. de Granville 3411</i>	CAY203825	30115
<i>J.-F. Molino et al. 3406</i>	CAY164526	317069	<i>J.-J. de Granville 3411</i>	CAY203826	30115
<i>J.-F. Molino et al. 3423</i>	CAY164517	317058	<i>J.-J. de Granville 3411</i>	CAY203827	30115
<i>J.-F. Villiers &amp; C. Feuillet 1974</i>	CAY115300	85196	<i>J.-J. de Granville 3411</i>	CAY203828	30115
<i>J.-F. Villiers &amp; C. Feuillet 2086</i>	CAY028096	85307	<i>J.-J. de Granville 3750</i>	CAY203890	30581
<i>J.-F. Villiers 1873</i>	CAY090056	85093	<i>J.-J. de Granville 3750</i>	CAY203891	30581
<i>J.-F. Villiers 1873</i>	CAY090057	85093	<i>J.-J. de Granville 44</i>	CAY024895	26602
<i>J.-J. de Granville &amp; F. Crozier 17010</i>	CAY045625	129332	<i>J.-J. de Granville 44</i>	CAY024896	26602
<i>J.-J. de Granville &amp; F. Crozier 17010</i>	CAY045626	129332	<i>J.-J. de Granville 4866</i>	CAY157732	32310
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201174	108516	<i>J.-J. de Granville 4866</i>	CAY157733	32310
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201175	108516	<i>J.-J. de Granville 488</i>	CAY163694	27222
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201176	108516	<i>J.-J. de Granville 488</i>	CAY163695	27222
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201177	108516	<i>J.-J. de Granville 5550</i>	CAY161483	33674
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201178	108516	<i>J.-J. de Granville 5550</i>	CAY161484	33674
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201179	108516	<i>J.-J. de Granville 5550</i>	CAY003766	34003
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201180	108516	<i>J.-J. de Granville 5909</i>	CAY074838	27367
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201181	108516	<i>J.-J. de Granville 638</i>	CAY196158	27381
<i>J.-J. de Granville &amp; F. Kahn 11201</i>	CAY201182	108516	<i>J.-J. de Granville 652</i>	CAY196159	27381
<i>J.-J. de Granville &amp; F. Kahn 5410</i>	CAY024862	33420	<i>J.-J. de Granville 652</i>	CAY088444	35006
<i>J.-J. de Granville &amp; F. Kahn 5410</i>	CAY024863	33420	<i>J.-J. de Granville 7000</i>	CAY088445	35006
<i>J.-J. de Granville 10319</i>	CAY203865	38339	<i>J.-J. de Granville 7000</i>	CAY088446	35006
<i>J.-J. de Granville 10319</i>	CAY203866	38339	<i>J.-J. de Granville 7000</i>	CAY088447	35006
<i>J.-J. de Granville 10319</i>	CAY203867	38339	<i>J.-J. de Granville 7000</i>	CAY202720	35200
<i>J.-J. de Granville 10319</i>	CAY203868	38339	<i>J.-J. de Granville 7203</i>	CAY202721	35200
<i>J.-J. de Granville 10319</i>	CAY203869	38339	<i>J.-J. de Granville 7203</i>	CAY202722	35200
<i>J.-J. de Granville 10319</i>	CAY203870	38339	<i>J.-J. de Granville 7203</i>	CAY202723	35200
<i>J.-J. de Granville 10319</i>	CAY203871	38339	<i>J.-J. de Granville 7203</i>	CAY202724	35200
<i>J.-J. de Granville 1169</i>	CAY027241	91843	<i>J.-J. de Granville 7203</i>	CAY202725	35200
<i>J.-J. de Granville 1169</i>	CAY027242	91843	<i>J.-J. de Granville 7734</i>	CAY043476	35717
<i>J.-J. de Granville 1197</i>	CAY028081	91852	<i>J.-J. de Granville 7734</i>	CAY210504	35717
<i>J.-J. de Granville 1197</i>	CAY028082	91852	<i>J.-J. de Granville 7755</i>	CAY115173	35738
<i>J.-J. de Granville 1220</i>	CAY063800	91870	<i>J.-J. de Granville 8340</i>	CAY117750	36327
<i>J.-J. de Granville 13403</i>	CAY176702	88381	<i>J.-J. de Granville 8340</i>	CAY117751	36327
<i>J.-J. de Granville 13833</i>	CAY019012	108321	<i>J.-J. de Granville 8340</i>	CAY117752	36327
<i>J.-J. de Granville 13833</i>	CAY019013	108321	<i>J.-J. de Granville 8340</i>	CAY117753	36327
<i>J.-J. de Granville 14611</i>	CAY025248	115336	<i>J.-J. de Granville B-3724</i>	CAY194665	30527
<i>J.-J. de Granville 1475</i>	CAY028088	28273	<i>J.-J. de Granville B-3724</i>	CAY194666	30527
<i>J.-J. de Granville 1475</i>	CAY028089	28273	<i>J.-J. de Granville B-3833</i>	CAY026682	30723
<i>J.-J. de Granville 1475</i>	CAY028090	28273	<i>J.-J. de Granville B-3833</i>	CAY026683	30723
<i>J.-J. de Granville 16824</i>	CAY052495	128058	<i>J.-J. de Granville B-4467</i>	CAY007959	31550
<i>J.-J. de Granville 17272</i>	CAY047585	130226	<i>J.-J. de Granville B-4467</i>	CAY007960	31550
<i>J.-J. de Granville 17272</i>	CAY047586	130226	<i>J.-J. de Granville B-4482</i>	CAY046717	31578
<i>J.-J. de Granville 17651</i>	CAY098123	301315	<i>J.-J. de Granville B-4488</i>	CAY088442	31590
<i>J.-J. de Granville 17651</i>	CAY098124	301315	<i>J.-J. de Granville B-4488</i>	CAY088443	31590
<i>J.-J. de Granville 17651</i>	CAY098125	301315	<i>J.-J. de Granville B-4549</i>	CAY090068	91964
<i>J.-J. de Granville 17651</i>	CAY098126	301315	<i>J.-J. de Granville B-4549</i>	CAY090069	91964
<i>J.-J. de Granville 17651</i>	CAY098127	301315	<i>J.-J. de Granville B-4563</i>	CAY007736	31707
<i>J.-J. de Granville 17651</i>	CAY098128	301315	<i>J.-J. de Granville B-4563</i>	CAY007737	31707
<i>J.-J. de Granville 17651</i>	CAY098129	301315	<i>J.-J. de Granville B-4741</i>	CAY007576	32066
<i>J.-J. de Granville 17659</i>	CAY111306	304502	<i>J.-J. de Granville B-4741</i>	CAY007577	32066
<i>J.-J. de Granville 17659</i>	CAY111308	304502	<i>J.-J. de Granville B-4744</i>	CAY007384	32072
<i>J.-J. de Granville 17659</i>	CAY111309	304502	<i>J.-J. de Granville B-4744</i>	CAY046478	32105
<i>J.-J. de Granville 17659</i>	CAY111311	304502	<i>J.-J. de Granville B-4760</i>	CAY046479	32105
<i>J.-J. de Granville 17659</i>	CAY111312	304502	<i>J.-J. de Granville B-4792</i>	CAY169834	32167
			<i>J.-J. de Granville B-4792</i>	CAY169835	32167
			<i>J.-J. de Granville B-4989</i>	CAY048596	32551

## Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>J.-J. de Granville B-4989</i>	CAY048597	32551	<i>J.W. Grimes &amp; P. Acevedo-Rodríguez</i>	CAY106937	89306
<i>J.-J. de Granville B-5195</i>	CAY027845	32979	3322		
<i>J.-J. de Granville B-5195</i>	CAY171665	32979	<i>J.W. Grimes &amp; P. Acevedo-Rodríguez</i>	CAY106938	89306
<i>J.-J. de Granville B-5195</i>	CAY171666	32979	3322		
<i>J.-J. de Granville B-5356</i>	CAY007638	33310	<i>J.W. Grimes &amp; P. Acevedo-Rodríguez</i>	CAY106939	89306
<i>J.-J. de Granville B-5356</i>	CAY007639	33310	3322		
<i>J.-J. de Granville B-5392</i>	CAY160514	33382	<i>J.W. Grimes &amp; P. Acevedo-Rodríguez</i>	CAY106940	89306
<i>J.-J. de Granville B-5392</i>	CAY160515	33382	3322		
<i>J.-J. de Granville B-5401</i>	CAY167206	33401			
<i>J.-J. de Granville B-5401</i>	CAY167207	33401	<i>J.W. Grimes et al. 3312</i>	CAY191022	42702
<i>J.-J. de Granville B-5436</i>	CAY020414	33473			
<i>J.-J. de Granville B-5436</i>	CAY020415	33473	<i>K.M. Redden et al. 3306</i>	CAY110361	302458
<i>J.-J. de Granville B-5486</i>	CAY010453	33574			
<i>J.-J. de Granville B-5486</i>	CAY010454	33574	<i>L. Andersson 1993</i>	CAY075547	1284
<i>J.-J. de Granville et al. 10656</i>	CAY171867	38682	<i>L. Barrabé 232</i>	CAY058760	126582
<i>J.-J. de Granville et al. 10765</i>	CAY214685	38792	<i>L. Barrabé 232</i>	CAY058761	126582
<i>J.-J. de Granville et al. 10796</i>	CAY184787	38823			
<i>J.-J. de Granville et al. 10907</i>		38935	<i>L.E. Skog &amp; C. Feuillet 7440</i>	CAY075446	82206
<i>J.-J. de Granville et al. 15000</i>	CAY039089	121353			
<i>J.-J. de Granville et al. 15000</i>	CAY039090	121353	<i>L.R. Philippe et al. 26984</i>	CAY167623	316578
<i>J.-J. de Granville et al. 15181</i>	CAY039292	121543			
<i>J.-J. de Granville et al. 16138</i>	CAY058515	126378	<i>M. Blanc 128</i>	CAY000097	107207
<i>J.-J. de Granville et al. 16705</i>	CAY050221	127939			
<i>J.-J. de Granville et al. 6000</i>	CAY010617	34088	<i>M. Fleury 1348</i>	CAY020646	107484
<i>J.-J. de Granville et al. 6121</i>	CAY092504	34199	<i>M. Fleury 1348</i>	CAY020647	107484
<i>J.-J. de Granville et al. 6268</i>	CAY075704	34327	<i>M. Fleury 2053</i>	CAY108609	307982
<i>J.-J. de Granville et al. 6330</i>	CAY003561	34381	<i>M. Fleury 2166</i>	CAY108718	308083
			<i>M. Fleury 2176</i>	CAY108711	308076
			<i>M. Fleury 238</i>		24136
			<i>M. Fleury 567</i>		24402
			<i>M. Fleury 911</i>	CAY198646	322153
<i>J.-J. de Granville et al. 6480</i>	CAY176089	34518	<i>M. Hoff 5980</i>	CAY165586	44749
<i>J.-J. de Granville et al. 6480</i>	CAY176090	34518			
<i>J.-J. de Granville et al. 6503</i>	CAY097245	34541	<i>M.-F. Prévost &amp; C. Feuillet 3964</i>	CAY016768	110873
<i>J.-J. de Granville et al. 7632</i>	CAY089669	35615	<i>M.-F. Prévost &amp; C. Feuillet 3964</i>	CAY016769	110873
<i>J.-J. de Granville et al. 7911</i>	CAY198417	35894	<i>M.-F. Prévost &amp; C. Feuillet 3968</i>	CAY014333	110867
<i>J.-J. de Granville et al. 8057</i>	CAY203092	36039	<i>M.-F. Prévost &amp; C. Feuillet 3968</i>	CAY014334	110867
<i>J.-J. de Granville et al. 8057</i>	CAY203093	36039			
<i>J.-J. de Granville et al. 8057</i>	CAY203094	36039	<i>M.-F. Prévost &amp; C. Proisy 4550</i>	CAY035533	118581
<i>J.-J. de Granville et al. 8057</i>	CAY203095	36039			
<i>J.-J. de Granville et al. 8057</i>	CAY203096	36039	<i>M.-F. Prévost &amp; D. Barthélémy 3687</i>	CAY018142	109289
<i>J.-J. de Granville et al. 8057</i>	CAY203097	36039	<i>M.-F. Prévost &amp; D. Barthélémy 3687</i>	CAY018143	109289
<i>J.-J. de Granville et al. 8057</i>	CAY089805	36081			
<i>J.-J. de Granville et al. 8099</i>	CAY007476	36595	<i>M.-F. Prévost &amp; D. Sabatier 2193</i>	CAY031106	68100
<i>J.-J. de Granville et al. 8601</i>	CAY039581	36759	<i>M.-F. Prévost &amp; D. Sabatier 2193</i>	CAY031107	68100
<i>J.-J. de Granville et al. 8765</i>	CAY009689	36912	<i>M.-F. Prévost &amp; D. Sabatier 2249</i>	CAY109502	68143
<i>J.-J. de Granville et al. 8915</i>	CAY075775	37030	<i>M.-F. Prévost &amp; D. Sabatier 2280</i>	CAY114014	68170
<i>J.-J. de Granville et al. 9032</i>	CAY075776	37030	<i>M.-F. Prévost &amp; D. Sabatier 2356</i>	CAY006020	68227
<i>J.-J. de Granville et al. 9032</i>	CAY075777	37030	<i>M.-F. Prévost &amp; D. Sabatier 2360</i>	CAY114695	310536
<i>J.-J. de Granville et al. 9032</i>	CAY075778	37030	<i>M.-F. Prévost &amp; D. Sabatier 2377</i>	CAY087604	68243
<i>J.-J. de Granville et al. 9229A</i>	CAY027380	37232	<i>M.-F. Prévost &amp; D. Sabatier 2378</i>	CAY086802	68244
<i>J.-J. de Granville et al. 9455</i>	CAY095706	37466	<i>M.-F. Prévost &amp; D. Sabatier 2464</i>	CAY191557	68303
<i>J.-J. de Granville et al. 9913</i>	CAY204075	37933	<i>M.-F. Prévost &amp; D. Sabatier 2564</i>	CAY088947	68395
<i>J.-J. de Granville et al. 9913</i>	CAY204076	37933	<i>M.-F. Prévost &amp; D. Sabatier 2610</i>	CAY043767	68440
<i>J.-J. de Granville et al. 9913</i>	CAY204077	37933	<i>M.-F. Prévost &amp; D. Sabatier 2625</i>	CAY081821	68452
<i>J.-J. de Granville et al. 9913</i>	CAY204078	37933	<i>M.-F. Prévost &amp; D. Sabatier 2680</i>	CAY087447	68496
<i>J.-J. de Granville et al. 9913</i>	CAY204079	37933	<i>M.-F. Prévost &amp; D. Sabatier 2705</i>	CAY189764	68829
			<i>M.-F. Prévost &amp; D. Sabatier 2742</i>	CAY167649	68545
<i>J.J. Pipoly 10414</i>	CAY167895	99924	<i>M.-F. Prévost &amp; D. Sabatier 2744</i>	CAY162831	68547
			<i>M.-F. Prévost &amp; D. Sabatier 2755</i>	CAY078270	68558
<i>J.-P. Lescure 708</i>	CAY162898	51129	<i>M.-F. Prévost &amp; D. Sabatier 2755</i>	CAY078272	68558
<i>J.-P. Lescure 708</i>	CAY162899	51129	<i>M.-F. Prévost &amp; D. Sabatier 2763</i>	CAY199220	68565
<i>J.-P. Lescure 723</i>	CAY026991	51144	<i>M.-F. Prévost &amp; D. Sabatier 2763</i>	CAY199221	68565
<i>J.-P. Lescure 723</i>	CAY026992	51144	<i>M.-F. Prévost &amp; D. Sabatier 2767</i>	CAY185274	68569
<i>J.-P. Lescure 816</i>	CAY062769	51238	<i>M.-F. Prévost &amp; D. Sabatier 2773</i>	CAY034138	68575
<i>J.-P. Lescure 816</i>	CAY062770	51238	<i>M.-F. Prévost &amp; D. Sabatier 2773</i>	CAY034139	68575
<i>J.-P. Lescure 816</i>	CAY062771	51238	<i>M.-F. Prévost &amp; D. Sabatier 2780</i>	CAY049606	68582
<i>J.-P. Lescure 839</i>	CAY167890	51262	<i>M.-F. Prévost &amp; D. Sabatier 2787</i>	CAY100077	68589
<i>J.-P. Lescure 839</i>	CAY167891	51262	<i>M.-F. Prévost &amp; D. Sabatier 2789</i>	CAY107595	68591
<i>J.-P. Lescure 839</i>	CAY167892	51262	<i>M.-F. Prévost &amp; D. Sabatier 2792</i>	CAY006326	68594
<i>J.-P. Lescure 877</i>	CAY028065	51301	<i>M.-F. Prévost &amp; D. Sabatier 2805</i>	CAY191048	68607
<i>J.-P. Lescure 877</i>	CAY028066	51301	<i>M.-F. Prévost &amp; D. Sabatier 2815</i>	CAY098056	68616
<i>J.-P. Lescure 943</i>	CAY046542	51365	<i>M.-F. Prévost &amp; D. Sabatier 2817</i>	CAY167376	68618
<i>J.-P. Lescure 943</i>	CAY046543	51365	<i>M.-F. Prévost &amp; D. Sabatier 2817</i>	CAY167377	68618



Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>M.-F. Prévost &amp; D. Sabatier 2818</i>	CAY192272	320807	<i>M.-F. Prévost &amp; P. Grenand 885</i>	CAY189873	66918
<i>M.-F. Prévost &amp; D. Sabatier 2839</i>	CAY161492	68638	<i>M.-F. Prévost &amp; P. Grenand 885</i>	CAY189874	66918
<i>M.-F. Prévost &amp; D. Sabatier 2848</i>	CAY158591	68646	<i>M.-F. Prévost &amp; P. Grenand 890</i>	CAY169449	66923
<i>M.-F. Prévost &amp; D. Sabatier 2912</i>	CAY193961	68660	<i>M.-F. Prévost &amp; P. Grenand 893</i>	CAY027427	66926
<i>M.-F. Prévost &amp; D. Sabatier 2946</i>	CAY092152	68691	<i>M.-F. Prévost &amp; P. Grenand 893</i>	CAY027428	66926
<i>M.-F. Prévost &amp; D. Sabatier 2950</i>	CAY049352	68695	<i>M.-F. Prévost &amp; P. Grenand 904</i>	CAY189577	66934
<i>M.-F. Prévost &amp; D. Sabatier 2956</i>	CAY033896	68701	<i>M.-F. Prévost &amp; P. Grenand 904</i>	CAY189578	66934
<i>M.-F. Prévost &amp; D. Sabatier 2961</i>	CAY028654	68706	<i>M.-F. Prévost &amp; P. Grenand 904</i>	CAY189579	66934
<i>M.-F. Prévost &amp; D. Sabatier 2961</i>	CAY028655	68706	<i>M.-F. Prévost &amp; P. Grenand 904</i>	CAY189580	66934
<i>M.-F. Prévost &amp; D. Sabatier 2970</i>	CAY178628	68716	<i>M.-F. Prévost &amp; P. Grenand 910</i>	CAY162365	66940
<i>M.-F. Prévost &amp; D. Sabatier 2973</i>	CAY098605	68719	<i>M.-F. Prévost &amp; P. Grenand 910</i>	CAY162366	66940
<i>M.-F. Prévost &amp; D. Sabatier 2990</i>	CAY206150	68735	<i>M.-F. Prévost &amp; P. Grenand 910</i>	CAY162367	66940
<i>M.-F. Prévost &amp; D. Sabatier 2990</i>	CAY206151	68735	<i>M.-F. Prévost &amp; P. Grenand 930</i>	CAY095715	66957
<i>M.-F. Prévost &amp; D. Sabatier 2994</i>	CAY163016	315579	<i>M.-F. Prévost &amp; P. Grenand 934</i>	CAY186809	66961
<i>M.-F. Prévost &amp; D. Sabatier 2996</i>	CAY028340	68740	<i>M.-F. Prévost &amp; P. Grenand 943</i>	CAY049826	66970
<i>M.-F. Prévost &amp; D. Sabatier 3007</i>	CAY204426	68751	<i>M.-F. Prévost &amp; P. Grenand 943</i>	CAY049827	66970
<i>M.-F. Prévost &amp; D. Sabatier 3010</i>	CAY213274	68753	<i>M.-F. Prévost &amp; P. Grenand 943</i>	CAY049828	66970
<i>M.-F. Prévost &amp; D. Sabatier 3385</i>	CAY196073	321625	<i>M.-F. Prévost &amp; P. Grenand 944</i>	CAY215805	323571
<i>M.-F. Prévost &amp; D. Sabatier 3479</i>	CAY016640	110074	<i>M.-F. Prévost &amp; P. Grenand 944</i>	CAY215806	323571
<i>M.-F. Prévost &amp; D. Sabatier 3986</i>	CAY047382	130038	<i>M.-F. Prévost &amp; P. Grenand 946</i>	CAY184316	66972
<i>M.-F. Prévost &amp; D. Sabatier 3988</i>	CAY017302	113265	<i>M.-F. Prévost &amp; P. Grenand 946</i>	CAY184317	66972
<i>M.-F. Prévost &amp; D. Sabatier 3990</i>	CAY017305	113267	<i>M.-F. Prévost &amp; P. Grenand 947</i>	CAY084887	66973
<i>M.-F. Prévost &amp; D. Sabatier 3990</i>	CAY017306	113267	<i>M.-F. Prévost &amp; P. Grenand 947</i>	CAY084888	66973
<i>M.-F. Prévost &amp; D. Sabatier 3996</i>	CAY022605	116236	<i>M.-F. Prévost &amp; P. Grenand 947</i>	CAY084889	66973
<i>M.-F. Prévost &amp; D. Sabatier 4457</i>	CAY037497	119976	<i>M.-F. Prévost &amp; P. Grenand 947</i>	CAY084890	66973
<i>M.-F. Prévost &amp; D. Sabatier 4580</i>	CAY035541	118586	<i>M.-F. Prévost &amp; P. Grenand 956</i>	CAY085966	66980
<i>M.-F. Prévost &amp; D. Sabatier 4580</i>	CAY035542	118586	<i>M.-F. Prévost &amp; P. Grenand 962</i>	CAY112096	66985
<i>M.-F. Prévost &amp; D. Sabatier 4623</i>	CAY035431	118492	<i>M.-F. Prévost &amp; P. Grenand 962</i>	CAY112097	66985
<i>M.-F. Prévost &amp; D. Sabatier 4647</i>	CAY035043	200243			
<i>M.-F. Prévost &amp; D. Sabatier 4660</i>	CAY035828	118798	<i>M.-F. Prévost &amp; P. Grenand 970</i>		66992
<i>M.-F. Prévost &amp; D. Sabatier 4662</i>	CAY037512	119989	<i>M.-F. Prévost &amp; P. Grenand 976</i>	CAY194684	66997
<i>M.-F. Prévost &amp; D. Sabatier 4664</i>	CAY035420	118481	<i>M.-F. Prévost &amp; P. Grenand 976</i>	CAY194685	66997
<i>M.-F. Prévost &amp; D. Sabatier 4720</i>	CAY037535	120003	<i>M.-F. Prévost &amp; P. Grenand 992</i>	CAY086074	67013
<i>M.-F. Prévost &amp; D. Sabatier 4766</i>	CAY055517	122757	<i>M.-F. Prévost &amp; P. Grenand 995</i>	CAY095744	67016
<i>M.-F. Prévost &amp; D. Sabatier 4766</i>	CAY055518	122757	<i>M.-F. Prévost &amp; P. Grenand 995</i>	CAY095745	67016
<i>M.-F. Prévost &amp; D. Sabatier 4766</i>	CAY091966	122757	<i>M.-F. Prévost &amp; P. Grenand 995</i>	CAY095746	67016
<i>M.-F. Prévost &amp; D. Sabatier 4792</i>	CAY065618	180190	<i>M.-F. Prévost &amp; P. Grenand 996</i>	CAY032977	67017
<i>M.-F. Prévost &amp; D. Sabatier 4818</i>	CAY055776	123495	<i>M.-F. Prévost &amp; P. Grenand 996</i>	CAY115404	67017
<i>M.-F. Prévost &amp; D. Sabatier 4819</i>	CAY055777	123496			
<i>M.-F. Prévost &amp; D. Sabatier 4822</i>	CAY056566	124584	<i>M.-F. Prévost 1076</i>	CAY032111	67090
<i>M.-F. Prévost &amp; D. Sabatier 4891</i>	CAY065627	180196	<i>M.-F. Prévost 1082</i>	CAY017053	112488
<i>M.-F. Prévost &amp; D. Sabatier 4895</i>	CAY065629	180198	<i>M.-F. Prévost 1082</i>	CAY017054	112488
<i>M.-F. Prévost &amp; D. Sabatier 4936</i>	CAY073332	132397	<i>M.-F. Prévost 1106</i>	CAY069181	67111
<i>M.-F. Prévost &amp; D. Sabatier 4939</i>	CAY080192	200687	<i>M.-F. Prévost 1106</i>	CAY069182	67111
<i>M.-F. Prévost &amp; D. Sabatier 4952</i>	CAY076261	200661	<i>M.-F. Prévost 1110</i>	CAY034825	67115
<i>M.-F. Prévost &amp; D. Sabatier 4976</i>	CAY082055	135784	<i>M.-F. Prévost 1119</i>	CAY205954	67123
			<i>M.-F. Prévost 1135</i>	CAY040240	67138
<i>M.-F. Prévost &amp; P. Grenand 1000</i>	CAY032110	67021	<i>M.-F. Prévost 1135</i>	CAY040241	67138
<i>M.-F. Prévost &amp; P. Grenand 1000</i>	CAY185117	67021	<i>M.-F. Prévost 1137</i>	CAY003896	67140
<i>M.-F. Prévost &amp; P. Grenand 1005</i>	CAY046932	67025	<i>M.-F. Prévost 1137</i>	CAY003897	67140
<i>M.-F. Prévost &amp; P. Grenand 1005</i>	CAY046933	67025	<i>M.-F. Prévost 1146</i>	CAY115500	67149
<i>M.-F. Prévost &amp; P. Grenand 1005</i>	CAY046934	67025	<i>M.-F. Prévost 1148</i>	CAY192292	67151
<i>M.-F. Prévost &amp; P. Grenand 1042</i>	CAY191332	67056	<i>M.-F. Prévost 1148</i>	CAY192293	67151
<i>M.-F. Prévost &amp; P. Grenand 1064</i>	CAY003905	67078	<i>M.-F. Prévost 1205</i>	CAY187198	67197
<i>M.-F. Prévost &amp; P. Grenand 1964</i>		67902	<i>M.-F. Prévost 1205</i>	CAY187199	67197
<i>M.-F. Prévost &amp; P. Grenand 2027</i>	CAY162666	67955	<i>M.-F. Prévost 1206</i>	CAY047013	67198
<i>M.-F. Prévost &amp; P. Grenand 2032</i>	CAY075007	67960	<i>M.-F. Prévost 1206</i>	CAY047014	67198
<i>M.-F. Prévost &amp; P. Grenand 2032</i>	CAY075008	67960	<i>M.-F. Prévost 1207</i>	CAY197953	67199
<i>M.-F. Prévost &amp; P. Grenand 2057</i>	CAY198921	67975	<i>M.-F. Prévost 1207</i>	CAY197954	67199
<i>M.-F. Prévost &amp; P. Grenand 2057</i>	CAY198922	67975	<i>M.-F. Prévost 1207</i>	CAY197955	67199
<i>M.-F. Prévost &amp; P. Grenand 2059</i>	CAY003956	67977	<i>M.-F. Prévost 1221</i>	CAY170325	67213
<i>M.-F. Prévost &amp; P. Grenand 3753</i>	CAY021967	115857	<i>M.-F. Prévost 1221</i>	CAY170326	67213
<i>M.-F. Prévost &amp; P. Grenand 3753</i>	CAY021968	115857	<i>M.-F. Prévost 1271</i>	CAY192614	67262
<i>M.-F. Prévost &amp; P. Grenand 3778</i>	CAY019286	109631	<i>M.-F. Prévost 1271</i>	CAY192615	67262
<i>M.-F. Prévost &amp; P. Grenand 3778</i>	CAY019287	109631	<i>M.-F. Prévost 1281</i>	CAY194218	67272
<i>M.-F. Prévost &amp; P. Grenand 4274</i>	CAY022008	115898	<i>M.-F. Prévost 1281</i>	CAY194219	67272
<i>M.-F. Prévost &amp; P. Grenand 4304</i>	CAY022635	116258	<i>M.-F. Prévost 1291</i>	CAY024874	67282
<i>M.-F. Prévost &amp; P. Grenand 4324</i>	CAY022650	116268	<i>M.-F. Prévost 1301</i>	CAY165338	67292
<i>M.-F. Prévost &amp; P. Grenand 885</i>	CAY189872	66918	<i>M.-F. Prévost 1301</i>	CAY165339	67292
			<i>M.-F. Prévost 1361</i>	CAY162093	67351

## Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
M.-F. Prévost 1361	CAY162094	67351	M.-F. Prévost 3742	CAY018189	109284
M.-F. Prévost 1364	CAY165432	67354	M.-F. Prévost 3756	CAY004937	109030
M.-F. Prévost 1364	CAY165433	67354	M.-F. Prévost 3768	CAY019216	109588
M.-F. Prévost 1460		67446	M.-F. Prévost 3768	CAY019217	109588
M.-F. Prévost 1472	CAY194491	67457	M.-F. Prévost 3775	CAY019288	109630
M.-F. Prévost 1472	CAY194492	67457	M.-F. Prévost 3775	CAY019289	109630
M.-F. Prévost 1506	CAY047772	67487	M.-F. Prévost 3781	CAY018053	109110
M.-F. Prévost 1506	CAY047773	67487	M.-F. Prévost 3840	CAY019222	109592
M.-F. Prévost 1579	CAY031957	67556	M.-F. Prévost 3840	CAY019223	109592
M.-F. Prévost 1619	CAY043575	67594	M.-F. Prévost 3845	CAY019265	109638
M.-F. Prévost 1619	CAY043576	67594	M.-F. Prévost 3847	CAY018311	109472
M.-F. Prévost 1619	CAY043577	67594	M.-F. Prévost 3856	CAY018450	109431
M.-F. Prévost 1628	CAY048355	67603	M.-F. Prévost 3900	CAY014019	110845
M.-F. Prévost 1628	CAY048356	67603	M.-F. Prévost 3900	CAY014020	110845
M.-F. Prévost 1636	CAY174617	67611	M.-F. Prévost 4014	CAY045804	129427
M.-F. Prévost 165	CAY215194	66229	M.-F. Prévost 4023	CAY017303	113266
M.-F. Prévost 165	CAY215195	66229	M.-F. Prévost 4023	CAY017304	113266
M.-F. Prévost 169	CAY164494	66233	M.-F. Prévost 4056	CAY166247	316826
M.-F. Prévost 169	CAY164495	66233	M.-F. Prévost 4056	CAY166248	316826
M.-F. Prévost 169	CAY164496	66233	M.-F. Prévost 4059	CAY017088	112515
M.-F. Prévost 1693	CAY115338	67665	M.-F. Prévost 4059	CAY017088	112515
M.-F. Prévost 1693	CAY115339	67665	M.-F. Prévost 4059	CAY017089	112515
M.-F. Prévost 1693	CAY115340	67665	M.-F. Prévost 4059	CAY017089	112515
M.-F. Prévost 1718	CAY033105	67689	M.-F. Prévost 4065	CAY015618	112538
M.-F. Prévost 1718	CAY033106	67689	M.-F. Prévost 4065	CAY015619	112538
M.-F. Prévost 178	CAY007294	66242	M.-F. Prévost 4166	CAY022009	115899
M.-F. Prévost 1810	CAY041533	67772	M.-F. Prévost 4166	CAY022010	115899
M.-F. Prévost 1810	CAY041534	67772	M.-F. Prévost 4194	CAY016006	113000
M.-F. Prévost 185	CAY176761	66249	M.-F. Prévost 4262	CAY035563	118600
M.-F. Prévost 185	CAY176762	66249	M.-F. Prévost 4262	CAY035564	118600
M.-F. Prévost 1858	CAY046758	67816	M.-F. Prévost 4476	CAY022401	116108
M.-F. Prévost 1858	CAY046759	67816	M.-F. Prévost 4523	CAY022620	116246
M.-F. Prévost 1873	CAY034904	67830	M.-F. Prévost 4523	CAY022621	116246
M.-F. Prévost 1873	CAY034905	67830	M.-F. Prévost 4566	CAY035556	118596
M.-F. Prévost 1893	CAY033226	67841	M.-F. Prévost 4566	CAY035557	118596
M.-F. Prévost 1910	CAY078356	67858	M.-F. Prévost 4684	CAY035551	118592
M.-F. Prévost 204	CAY187171	66268	M.-F. Prévost 4684	CAY035552	118592
M.-F. Prévost 204	CAY187172	66268	M.-F. Prévost 4686	CAY037524	119996
M.-F. Prévost 2071	CAY215263	67988	M.-F. Prévost 4686	CAY037525	119996
M.-F. Prévost 2071	CAY215264	67988	M.-F. Prévost 478	CAY028077	66533
M.-F. Prévost 2161	CAY117327	68069	M.-F. Prévost 478	CAY028078	66533
M.-F. Prévost 2161	CAY117328	68069	M.-F. Prévost 478	CAY028079	66533
M.-F. Prévost 2169	CAY167581	68077	M.-F. Prévost 478	CAY028080	66533
M.-F. Prévost 2170	CAY030208	68078	M.-F. Prévost 649	CAY178208	66699
M.-F. Prévost 2170	CAY030209	68078	M.-F. Prévost 709	CAY096769	66754
M.-F. Prévost 2719	CAY013727	68525	M.-F. Prévost 750	CAY213505	66794
M.-F. Prévost 2966	CAY043781	68712	M.-F. Prévost 750	CAY213506	66794
M.-F. Prévost 3064	CAY181018	68790	M.-F. Prévost 752	CAY198923	66796
M.-F. Prévost 3075	CAY027098	88498	M.-F. Prévost 752	CAY198924	66796
M.-F. Prévost 3127	CAY033816	200579	M.-F. Prévost 761	CAY191860	66804
M.-F. Prévost 3198	CAY177045	107047	M.-F. Prévost 761	CAY191861	66804
M.-F. Prévost 3207	CAY159811	107046	M.-F. Prévost 761	CAY191862	66804
M.-F. Prévost 3278	CAY165959	316382	M.-F. Prévost 791	CAY194328	66831
M.-F. Prévost 3301	CAY172179	319660	M.-F. Prévost 791	CAY194329	66831
M.-F. Prévost 3302	CAY033231	89235	M.-F. Prévost 840		66877
M.-F. Prévost 3329	CAY050029	127759	M.-F. Prévost 854	CAY194660	66889
M.-F. Prévost 3330	CAY117322	312115	M.-F. Prévost et al. 4440	CAY022769	116398
M.-F. Prévost 3379	CAY056844	124839	M.-F. Prévost et al. 4450	CAY028307	116344
M.-F. Prévost 3423	CAY068411	133490	M.-F. Prévost et al. 4465	CAY035203	200383
M.-F. Prévost 3442	CAY035913	118818	M.-F. Prévost et al. 4470	CAY028308	116345
M.-F. Prévost 3442	CAY035914	118818	M.-F. Prévost et al. 4470	CAY028309	116345
M.-F. Prévost 3456	CAY176448	318162	M.-F. Prévost et al. 4604	CAY035500	118553
M.-F. Prévost 3527	CAY168912	316876	M.-F. Prévost et al. 4604	CAY035501	118553
M.-F. Prévost 3567	CAY000004	107577	M.-F. Prévost et al. 4604	CAY035502	118553
M.-F. Prévost 3655	CAY002610	108943	M.-F. Prévost et al. 4671	CAY035519	118569
M.-F. Prévost 3655	CAY002611	108943	M.-F. Prévost et al. 4695	CAY037526	119997
M.-F. Prévost 3667	CAY018274	109309	M.-F. Prévost et al. 4695	CAY037527	119997
M.-F. Prévost 3667	CAY018275	109309	M.-F. Prévost et al. 5014	CAY110474	302602

Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>M.J. Jansen-Jacobs et al. 230</i>	CAY180746	94573	<i>P. Grenand 1503</i>	CAY089768	41997
<i>M.J. Jansen-Jacobs et al. 2658</i>	CAY115377	95950	<i>P. Grenand 1503</i>	CAY089769	41997
<i>M.J. Jansen-Jacobs et al. 78</i>	CAY074927	94485	<i>P. Grenand 1503</i>	CAY089770	41997
<i>N. Marshall &amp; J. Rombold 146</i>		53747	<i>P. Grenand 1510</i>	CAY062790	42004
<i>O. Poncy &amp; J. Munzinger 1637</i>	CAY114414	310431	<i>P. Grenand 1510</i>	CAY062791	42004
<i>O. Poncy 2866</i>	CAY156945	315004	<i>P. Grenand 1525</i>	CAY030390	42017
<i>O. Poncy 901</i>	CAY004773	107242	<i>P. Grenand 1525</i>	CAY030391	42017
<i>O. Poncy et al. 1430</i>	CAY021960	115850	<i>P. Grenand 1525</i>	CAY030393	42017
<i>O. Poncy et al. 1430</i>	CAY021961	115850	<i>P. Grenand 1527</i>	CAY189082	42019
<i>O. Poncy et al. 1680</i>	CAY056663	124671	<i>P. Grenand 1527</i>	CAY189083	42019
<i>O. Poncy et al. 1746</i>	CAY059163	126951	<i>P. Grenand 1543</i>	CAY112401	42035
<i>O. Poncy et al. 1748</i>	CAY059164	126952	<i>P. Grenand 1543</i>	CAY112402	42035
<i>O. Poncy et al. 1830</i>	CAY059234	127019	<i>P. Grenand 1543</i>	CAY112403	42035
<i>O. Tostain 2818</i>	CAY111559	307743	<i>P. Grenand 1543</i>	CAY112404	42035
<i>O. Tostain 2818</i>	CAY111560	307743	<i>P. Grenand 1594</i>		42087
<i>O. Tostain et al. 1499</i>	CAY086490	136757	<i>P. Grenand 1776</i>	CAY169823	42262
<i>O. Tostain et al. 2725</i>	CAY101513	304295	<i>P. Grenand 1776</i>	CAY169824	42262
<i>O. Tostain et al. 2725</i>	CAY101514	304295	<i>P. Grenand 1776</i>	CAY169825	42262
<i>O. Tostain et al. 2725</i>	CAY101515	304295	<i>P. Grenand 1776</i>	CAY003139	42297
<i>P. Acevedo-Rodríguez et al. 4871</i>	CAY007030	364	<i>P. Grenand 1808</i>	CAY003140	42297
<i>P. Acevedo-Rodríguez et al. 4871</i>	CAY007031	364	<i>P. Grenand 1808</i>	CAY033940	42334
<i>P. Acevedo-Rodríguez et al. 4911</i>	CAY007157	402	<i>P. Grenand 1845</i>	CAY033941	42334
<i>P. Acevedo-Rodríguez et al. 5012</i>	CAY001980	479	<i>P. Grenand 1845</i>	CAY117367	42334
<i>P. Acevedo-Rodríguez et al. 5012</i>	CAY001981	479	<i>P. Grenand 1902</i>	CAY049851	42396
<i>P. Acevedo-Rodríguez et al. 6130</i>	CAY201024	101126	<i>P. Grenand 1902</i>	CAY115098	42396
<i>P. Acevedo-Rodríguez et al. 6130</i>	CAY201025	101126	<i>P. Grenand 1902</i>	CAY115099	42396
<i>P. Béna 1232</i>	CAY005436	113911	<i>P. Grenand 1933</i>	CAY112101	42428
<i>P. Béna 1232</i>	CAY005437	113911	<i>P. Grenand 1933</i>	CAY112102	42428
<i>P. Béna 1232</i>	CAY005438	113911	<i>P. Grenand 2107</i>	CAY196014	42601
<i>P. Béna 1313</i>	CAY169866	3413	<i>P. Grenand 2107</i>	CAY196015	42601
<i>P. Béna 1313</i>	CAY169867	3413	<i>P. Grenand 2118</i>	CAY083302	42612
<i>P. Béna 1313</i>	CAY169868	3413	<i>P. Grenand 2118</i>	CAY083303	42612
<i>P. Chareyre 30D</i>	CAY019730	110212	<i>P. Grenand 2119</i>	CAY097324	42613
<i>P. Grenand &amp; M.-F. Prévost 1959</i>	CAY181806	42454	<i>P. Grenand 237</i>	CAY179001	40766
<i>P. Grenand &amp; M.-F. Prévost 1959</i>	CAY181807	42454	<i>P. Grenand 237</i>	CAY179002	40766
<i>P. Grenand &amp; M.-F. Prévost 2017</i>	CAY083291	42512	<i>P. Grenand 2868</i>	CAY095068	42663
<i>P. Grenand &amp; M.-F. Prévost 2040</i>		42535	<i>P. Grenand 3131</i>	CAY000352	107789
<i>P. Grenand 1013</i>	CAY095057	41575	<i>P. Grenand 3502</i>	CAY109168	308374
<i>P. Grenand 1013</i>	CAY095058	41575	<i>P. Grenand 3502</i>	CAY109169	308374
<i>P. Grenand 1013</i>	CAY095059	41575	<i>P. Grenand 356</i>	CAY096533	40889
<i>P. Grenand 1044</i>	CAY162020	41606	<i>P. Grenand 510</i>	CAY024893	41057
<i>P. Grenand 1044</i>	CAY162021	41606	<i>P. Grenand 510</i>	CAY024894	41057
<i>P. Grenand 1116</i>	CAY157851	41679	<i>P. Grenand 510</i>	CAY081233	41057
<i>P. Grenand 1116</i>	CAY157852	41679	<i>P. Grenand 510</i>	CAY081234	41057
<i>P. Grenand 1126</i>	CAY193940	41689	<i>P. Grenand 543</i>	CAY083285	41094
<i>P. Grenand 1126</i>	CAY193941	41689	<i>P. Grenand 543</i>	CAY083286	41094
<i>P. Grenand 1126</i>	CAY193942	41689	<i>P. Grenand 574</i>	CAY034859	41127
<i>P. Grenand 1126</i>	CAY193943	41689	<i>P. Grenand 574</i>	CAY034860	41127
<i>P. Grenand 1222</i>	CAY109273	41739	<i>P. Grenand 574</i>	CAY200809	41127
<i>P. Grenand 1222</i>	CAY109274	41739	<i>P. Grenand 574</i>	CAY200810	41127
<i>P. Grenand 1291</i>	CAY083390	41810	<i>P. Grenand 626</i>	CAY031015	41181
<i>P. Grenand 1291</i>	CAY083391	41810	<i>P. Grenand 626</i>	CAY031016	41181
<i>P. Grenand 1303</i>	CAY170332	41821	<i>P. Grenand 626</i>	CAY214258	41181
<i>P. Grenand 1303</i>	CAY170333	41821	<i>P. Grenand 626</i>	CAY214259	41181
<i>P. Grenand 1303</i>	CAY170334	41821	<i>P. Grenand 637</i>	CAY165874	41192
<i>P. Grenand 1328</i>	CAY075402	41847	<i>P. Grenand 637</i>	CAY165875	41192
<i>P. Grenand 1328</i>	CAY075403	41847	<i>P. Grenand 642</i>	CAY107505	41197
<i>P. Grenand 1328</i>	CAY075404	41847	<i>P. Grenand 642</i>	CAY107506	41197
<i>P. Grenand 1488</i>	CAY098286	41982	<i>P. Grenand 642</i>	CAY107507	41197
<i>P. Grenand 1488</i>	CAY098287	41982	<i>P. Grenand 642</i>	CAY107508	41197
<i>P. Grenand 1488</i>	CAY098364	41982	<i>P. Grenand 645</i>	CAY180721	41200
<i>P. Grenand 1488</i>	CAY098365	41982	<i>P. Grenand 645</i>	CAY180722	41200
<i>P. Grenand 15</i>	CAY071711	40535	<i>P. Grenand 649</i>	CAY007416	41204
			<i>P. Grenand 649</i>	CAY007417	41204
			<i>P. Grenand 649</i>	CAY007418	41204
			<i>P. Grenand 649</i>	CAY007419	41204
			<i>P. Grenand 677</i>	CAY155295	41232
			<i>P. Grenand 677</i>	CAY155296	41232
			<i>P. Grenand 699</i>	CAY089665	41255

## Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
<i>P. Grenand</i> 699	CAY089666	41255	<i>R.A.A. Oldeman</i> 2627		63180
<i>P. Grenand</i> 699	CAY089667	41255	<i>R.A.A. Oldeman</i> 2672	CAY196899	63265
<i>P. Grenand</i> 699	CAY089668	41255	<i>R.A.A. Oldeman</i> 2673	CAY064785	63268
<i>P. Grenand</i> 701	CAY006784	41257	<i>R.A.A. Oldeman</i> 2673	CAY064786	63268
<i>P. Grenand</i> 701	CAY006785	41257	<i>R.A.A. Oldeman</i> 2756	CAY079748	63430
<i>P. Grenand</i> 715	CAY074719	41271	<i>R.A.A. Oldeman</i> 2756	CAY079749	63430
<i>P. Grenand</i> 715	CAY074720	41271	<i>R.A.A. Oldeman</i> 3060	CAY032624	63990
<i>P. Grenand</i> 738	CAY048125	41294	<i>R.A.A. Oldeman</i> 3060	CAY032625	63990
<i>P. Grenand</i> 738	CAY048126	41294	<i>R.A.A. Oldeman</i> 3064	CAY093904	63998
<i>P. Grenand</i> 738	CAY048127	41294	<i>R.A.A. Oldeman</i> 3064	CAY093905	63998
<i>P. Grenand</i> 738	CAY048128	41294	<i>R.A.A. Oldeman</i> 3066	CAY056165	124240
<i>P. Grenand</i> 756	CAY048790	41312	<i>R.A.A. Oldeman</i> 3066	CAY056166	124240
<i>P. Grenand</i> 756	CAY048791	41312	<i>R.A.A. Oldeman</i> 3066	CAY200632	124240
<i>P. Grenand</i> 756	CAY048792	41312	<i>R.A.A. Oldeman</i> 3188	CAY198002	64244
<i>P. Grenand</i> 774	CAY196777	41330	<i>R.A.A. Oldeman</i> 3191	CAY032737	64249
<i>P. Grenand</i> 774	CAY196778	41330	<i>R.A.A. Oldeman</i> 3191	CAY032738	64249
<i>P. Grenand</i> 774	CAY196779	41330	<i>R.A.A. Oldeman</i> B-1017	CAY010019	60032
<i>P. Grenand</i> 774	CAY196780	41330	<i>R.A.A. Oldeman</i> B-1017	CAY010020	60032
			<i>R.A.A. Oldeman</i> B-1122	CAY047845	60230
<i>P. Grenand et al.</i> 3380	CAY098141	301327	<i>R.A.A. Oldeman</i> B-1205	CAY111153	304123
<i>P. Grenand et al.</i> 3425	CAY108763	308133	<i>R.A.A. Oldeman</i> B-1205	CAY111154	304123
<i>P. Grenand et al.</i> 3442	CAY093693	300234	<i>R.A.A. Oldeman</i> B-1338	CAY116262	60650
<i>P. Grenand et al.</i> 3521	CAY108467	307938	<i>R.A.A. Oldeman</i> B-1441	CAY198164	60854
			<i>R.A.A. Oldeman</i> B-1441	CAY198165	60854
<i>P. Mutchnick</i> 773	CAY161614	315466	<i>R.A.A. Oldeman</i> B-1467	CAY165590	60916
			<i>R.A.A. Oldeman</i> B-1467	CAY165591	60916
<i>P. Petronelli</i> 277	CAY015654	112560	<i>R.A.A. Oldeman</i> B-1468	CAY165292	60919
<i>P. Petronelli</i> 300	CAY089483	137855	<i>R.A.A. Oldeman</i> B-1645	CAY167084	61251
<i>P. Petronelli</i> 300	CAY089484	137855	<i>R.A.A. Oldeman</i> B-1645	CAY167085	61251
<i>P. Petronelli</i> 300	CAY089485	137855	<i>R.A.A. Oldeman</i> B-1825	CAY090339	61602
			<i>R.A.A. Oldeman</i> B-1825	CAY090340	61602
<i>P.G. Delprete &amp; F. Crozier</i> 7127	CAY022363	116079	<i>R.A.A. Oldeman</i> B-1913	CAY097321	61766
<i>P.G. Delprete &amp; F. Crozier</i> 7150	CAY022338	116057	<i>R.A.A. Oldeman</i> B-1936	CAY075203	61810
			<i>R.A.A. Oldeman</i> B-1936	CAY075204	61810
<i>P.J.M. Maas et al.</i> 8062	CAY200779	53695	<i>R.A.A. Oldeman</i> B-1946	CAY116311	61830
<i>P.J.M. Maas et al.</i> 9351	CAY039532	121758	<i>R.A.A. Oldeman</i> B-2026	CAY090151	61993
<i>P.J.M. Maas et al.</i> 9635	CAY070183	133946	<i>R.A.A. Oldeman</i> B-2028	CAY183737	61997
			<i>R.A.A. Oldeman</i> B-2084	CAY027273	62120
<i>R.A.A. Oldeman &amp; C. Sastre</i> 156	CAY095820	58381	<i>R.A.A. Oldeman</i> B-2101	CAY048587	62155
<i>R.A.A. Oldeman &amp; C. Sastre</i> 163	CAY049496	58395	<i>R.A.A. Oldeman</i> B-2312	CAY101119	62543
<i>R.A.A. Oldeman &amp; C. Sastre</i> 167	CAY009778	58405	<i>R.A.A. Oldeman</i> B-2317	CAY194287	62554
<i>R.A.A. Oldeman &amp; C. Sastre</i> 77	CAY049495	58210	<i>R.A.A. Oldeman</i> B-2398	CAY096048	62712
			<i>R.A.A. Oldeman</i> B-2398	CAY096049	62712
<i>R.A.A. Oldeman</i> 1221	CAY189304	60423	<i>R.A.A. Oldeman</i> B-2424	CAY176060	62764
<i>R.A.A. Oldeman</i> 1221	CAY189305	60423	<i>R.A.A. Oldeman</i> B-2424	CAY176061	62764
<i>R.A.A. Oldeman</i> 1314	CAY191357	60601	<i>R.A.A. Oldeman</i> B-2687	CAY194502	63293
<i>R.A.A. Oldeman</i> 1862	CAY008581	61672	<i>R.A.A. Oldeman</i> B-2784	CAY189138	63486
<i>R.A.A. Oldeman</i> 1862	CAY008582	61672	<i>R.A.A. Oldeman</i> B-2784	CAY189139	63486
<i>R.A.A. Oldeman</i> 1862	CAY008583	61672	<i>R.A.A. Oldeman</i> B-2825	CAY090210	63568
<i>R.A.A. Oldeman</i> 1897	CAY033263	61736	<i>R.A.A. Oldeman</i> B-2825	CAY090211	63568
<i>R.A.A. Oldeman</i> 1897	CAY033264	61736	<i>R.A.A. Oldeman</i> B-3045	CAY195727	63960
<i>R.A.A. Oldeman</i> 1908	CAY064796	61758	<i>R.A.A. Oldeman</i> B-3045	CAY195728	63960
<i>R.A.A. Oldeman</i> 1908	CAY064797	61758	<i>R.A.A. Oldeman</i> B-3097	CAY030485	64062
<i>R.A.A. Oldeman</i> 1912	CAY085710	61764	<i>R.A.A. Oldeman</i> B-3097	CAY030486	64062
<i>R.A.A. Oldeman</i> 1912	CAY085711	61764	<i>R.A.A. Oldeman</i> B-3110	CAY026857	64089
<i>R.A.A. Oldeman</i> 1912	CAY085712	61764	<i>R.A.A. Oldeman</i> B-3110	CAY026858	64089
<i>R.A.A. Oldeman</i> 1916	CAY109520	61773	<i>R.A.A. Oldeman</i> B-3139	CAY020459	64144
<i>R.A.A. Oldeman</i> 1916	CAY109521	61773	<i>R.A.A. Oldeman</i> B-3139	CAY020460	64144
<i>R.A.A. Oldeman</i> 2001		61942	<i>R.A.A. Oldeman</i> B-3228	CAY090435	64322
<i>R.A.A. Oldeman</i> 2106	CAY065392	62164	<i>R.A.A. Oldeman</i> B-3261	CAY178283	64387
<i>R.A.A. Oldeman</i> 2106	CAY065393	62164	<i>R.A.A. Oldeman</i> B-3288	CAY194388	64438
<i>R.A.A. Oldeman</i> 2106	CAY065396	62164	<i>R.A.A. Oldeman</i> B-3358		64556
<i>R.A.A. Oldeman</i> 2193	CAY180743	62325	<i>R.A.A. Oldeman</i> B-3538	CAY163912	64739
<i>R.A.A. Oldeman</i> 2238	CAY176237	62408	<i>R.A.A. Oldeman</i> B-3553	CAY010466	64753
<i>R.A.A. Oldeman</i> 2238	CAY176238	62408	<i>R.A.A. Oldeman</i> B-3579	CAY046739	64779
<i>R.A.A. Oldeman</i> 2242	CAY028067	62412	<i>R.A.A. Oldeman</i> B-3580	CAY184971	64780
<i>R.A.A. Oldeman</i> 2242	CAY028068	62412	<i>R.A.A. Oldeman</i> B-3602	CAY159683	64803
<i>R.A.A. Oldeman</i> 2386	CAY181760	62690	<i>R.A.A. Oldeman</i> B-4007	CAY001986	64984
<i>R.A.A. Oldeman</i> 2386	CAY181761	62690			
<i>R.A.A. Oldeman</i> 2386	CAY181762	62690			
<i>R.A.A. Oldeman</i> 2386	CAY181763	62690			

Appendix 4. — Continuation.

Collecte	CB	id_echantillon	Collecte	CB	id_echantillon
R.A.A. Oldeman B-4007	CAY001987	64984	S.A. Mori & C. Gracie 23929	CAY030129	57889
R.A.A. Oldeman B-4125	CAY100867	65097	S.A. Mori & C. Gracie 24205	CAY196036	57978
R.A.A. Oldeman B-4125	CAY100868	65097	S.A. Mori & C. Gracie 24212	CAY076795	57984
R.A.A. Oldeman B-4132	CAY010613	65105			
R.A.A. Oldeman B-4183	CAY021241	65156	S.A. Mori & J.J. Pipoly 15425	CAY214546	55888
R.A.A. Oldeman B-4183	CAY021242	65156	S.A. Mori & J.J. Pipoly 15459	CAY078062	55909
R.A.A. Oldeman B-4183	CAY021243	65156	S.A. Mori & J.J. Pipoly 15475	CAY195224	55920
R.A.A. Oldeman B-521	CAY195533	59035	S.A. Mori & J.J. Pipoly 15498	CAY160589	55930
R.A.A. Oldeman B-521	CAY195534	59035	S.A. Mori & J.J. Pipoly 15515	CAY099204	55941
R.A.A. Oldeman B-652	CAY087527	59306	S.A. Mori & J.J. Pipoly 15515	CAY099205	55941
R.A.A. Oldeman B-652	CAY087528	59306	S.A. Mori & J.J. Pipoly 15528	CAY195632	55949
R.A.A. Oldeman B-688	CAY096501	59377	S.A. Mori & J.J. Pipoly 15534	CAY183773	55955
R.A.A. Oldeman B-723	CAY192676	59446	S.A. Mori & J.J. Pipoly 15554		55970
R.A.A. Oldeman B-813	CAY027149	59621	S.A. Mori & J.J. Pipoly 15562	CAY042235	55978
R.A.A. Oldeman B-813	CAY027150	59621	S.A. Mori & J.J. Pipoly 15603	CAY075992	56009
R.A.A. Oldeman B-849A	CAY097307	59702	S.A. Mori & J.J. Pipoly 15603	CAY075993	56009
R.A.A. Oldeman B-884	CAY208397	59772			
R.A.A. Oldeman T-321	CAY220404	58730	S.A. Mori & N.P. Smith 25047	CAY015333	111604
R.A.A. Oldeman T-390	CAY048625	58800			
R.A.A. Oldeman T-390	CAY048626	58800	S.A. Mori & T.D. Pennington 17937	CAY001970	56086
R.A.A. Oldeman T-650	CAY097373	59302	S.A. Mori & T.D. Pennington 17983	CAY030470	56117
R.A.A. Oldeman T-663	CAY176074	59329	S.A. Mori & T.D. Pennington 18001	CAY084878	56125
R.A.A. Oldeman T-734	CAY189767	59465	S.A. Mori & T.D. Pennington 18034		56134
R.A.A. Oldeman T-737	CAY169726	59471	S.A. Mori & T.D. Pennington 18052	CAY166399	56151
R.A.A. Oldeman T-737	CAY169727	59471	S.A. Mori & T.D. Pennington 18056	CAY050679	56155
R.A.A. Oldeman T-762	CAY098221	59523	S.A. Mori & T.D. Pennington 18124	CAY032735	56190
R.A.A. Oldeman T-763	CAY064194	59524			
R.A.A. Oldeman T-763	CAY064195	59524	S.A. Mori & Y. Veyret 8972	CAY160549	55310
R.A.A. Oldeman T-909	CAY195460	59822			
R.A.A. Oldeman T-909	CAY195461	59822	S.A. Mori 14824	CAY030473	55410
R.C. Ek 1745	CAY070249	134009	S.A. Mori 15537	CAY087682	55958
R.C. Ek 1835	CAY070281	134041	S.A. Mori 22252	CAY043765	57074
			S.A. Mori 25053	CAY015344	111593
R.S. Cowan 38757		8784			
S. Barrier & C. Feuillet 2633	CAY104592	1809	S.A. Mori et al. 14899	CAY027852	55466
S. Barrier 4026	CAY076916	2117	S.A. Mori et al. 14900	CAY024885	55467
S. Barrier 5018	CAY106194	2648	S.A. Mori et al. 14900	CAY024886	55467
S. Barrier 5018	CAY206287	2648	S.A. Mori et al. 14927	CAY002334	55486
S. Barrier 5018	CAY206288	2648	S.A. Mori et al. 15014	CAY027877	55559
S. Gonzalez 1093	CAY108491	307655	S.A. Mori et al. 15024	CAY066071	55567
S. Gonzalez 1093	CAY108492	307655	S.A. Mori et al. 15027	CAY006115	55570
S. Gonzalez 1093	CAY116659	307655	S.A. Mori et al. 15028	CAY070881	55571
S. Gonzalez 1093	CAY116660	307655	S.A. Mori et al. 15075	CAY027885	55609
S. Gonzalez 2334	CAY168495	316669	S.A. Mori et al. 15115		55642
S. Gonzalez 2334	CAY168496	316669	S.A. Mori et al. 15394	CAY174957	55867
S.A. Mori & B.M. Boom 14691	CAY075173	55318	S.A. Mori et al. 15690	CAY028666	56066
S.A. Mori & B.M. Boom 14709	CAY070876	55332	S.A. Mori et al. 15701	CAY024585	56075
S.A. Mori & B.M. Boom 14721	CAY032732	55341	S.A. Mori et al. 15702	CAY023778	56076
S.A. Mori & B.M. Boom 14746	CAY027879	55358	S.A. Mori et al. 19160	CAY024967	56422
S.A. Mori & B.M. Boom 14752	CAY005994	55363	S.A. Mori et al. 19167		56424
S.A. Mori & B.M. Boom 14764	CAY010621	55372	S.A. Mori et al. 20758	CAY027837	56468
S.A. Mori & B.M. Boom 14784	CAY098781	55382	S.A. Mori et al. 20774	CAY027849	56483
S.A. Mori & B.M. Boom 15146	CAY177609	55665	S.A. Mori et al. 20790	CAY165775	56494
S.A. Mori & B.M. Boom 15162	CAY194077	55681	S.A. Mori et al. 20800	CAY027880	56505
S.A. Mori & B.M. Boom 15192	CAY090007	55702	S.A. Mori et al. 20808	CAY163914	56511
S.A. Mori & B.M. Boom 15225	CAY024985	55727	S.A. Mori et al. 20850	CAY027861	56545
S.A. Mori & B.M. Boom 15232	CAY165309	55734	S.A. Mori et al. 20862	CAY032144	56552
S.A. Mori & B.M. Boom 15236		55737	S.A. Mori et al. 20862	CAY032145	56552
S.A. Mori & B.M. Boom 15239	CAY044794	55740	S.A. Mori et al. 20928	CAY027842	56588
S.A. Mori & B.M. Boom 15253	CAY005527	55754	S.A. Mori et al. 20960	CAY096704	56604
S.A. Mori & B.M. Boom 15288	CAY027882	55782	S.A. Mori et al. 20968	CAY030998	56610
S.A. Mori & B.M. Boom 15302	CAY034925	55794	S.A. Mori et al. 20973	CAY028674	56611
S.A. Mori & B.M. Boom 15333	CAY196068	55819	S.A. Mori et al. 21018	CAY001603	56639
S.A. Mori & B.M. Boom 15360	CAY034217	55840	S.A. Mori et al. 21520	CAY007334	56802
			S.A. Mori et al. 21661	CAY076393	56918
			S.A. Mori et al. 21691	CAY157843	56942
			S.A. Mori et al. 21691	CAY157844	56942
			S.A. Mori et al. 22034	CAY031535	56992
			S.A. Mori et al. 22719	CAY065474	57126
			S.A. Mori et al. 22781	CAY112106	57168
			S.A. Mori et al. 22810	CAY065484	57183
			S.A. Mori et al. 22811	CAY177077	57184

## Appendix 4. — Continuation.

Collecte	CB	id_ echantillon	Collecte	CB	id_ echantillon
S.A. Mori et al. 23207	CAY115073	57378	Service Forestier 4005	CAY192123	80409
S.A. Mori et al. 23276	CAY024335	57406	Service Forestier 4005	CAY192124	80409
S.A. Mori et al. 23307	CAY009838	57420	Service Forestier 4436	CAY157745	314891
S.A. Mori et al. 23320	CAY087072	57431	Service Forestier 4436	CAY157746	314891
S.A. Mori et al. 23340	CAY190586	57441	Service Forestier 5118	CAY093537	300099
S.A. Mori et al. 23344	CAY032771	57444	Service Forestier 5147	CAY093548	300108
S.A. Mori et al. 23417	CAY155254	57496	Service Forestier 6096	CAY010398	80743
S.A. Mori et al. 23427	CAY048485	57506	Service Forestier 6096	CAY010399	80743
S.A. Mori et al. 23464	CAY162797	57543	Service Forestier 7075	CAY092950	80892
S.A. Mori et al. 23532	CAY167283	57611	Service Forestier 7075	CAY092951	80892
S.A. Mori et al. 23682	CAY116373	57762	Service Forestier 7237	CAY163015	81011
S.A. Mori et al. 23694	CAY206070	57774	Service Forestier 7445	CAY112105	81116
S.A. Mori et al. 23792	CAY009462	57823	Service Forestier 7816	CAY101549	81321
S.A. Mori et al. 23841	CAY163902	57842	Service Forestier 7816	CAY101550	81321
S.A. Mori et al. 23898	CAY076794	57870	Service Forestier 7855	CAY167196	81351
S.A. Mori et al. 23938	CAY191099	57896	Service Forestier 7855	CAY167197	81351
S.A. Mori et al. 24002	CAY167624	57935	Service Forestier 7911	CAY097016	81400
S.A. Mori et al. 24011	CAY065537	57942	Service Forestier 7911	CAY097017	81400
S.A. Mori et al. 24021	CAY074676	57949	Service Forestier 7911	CAY097018	81400
S.A. Mori et al. 24136	CAY091925	138263	Service Forestier M-23	CAY187648	80098
S.A. Mori et al. 24258	CAY066418	131253	Service Forestier M-23	CAY187649	80098
S.A. Mori et al. 24370	CAY165615	316336	Service Forestier M-63	CAY085057	6915
S.A. Mori et al. 24757	CAY000383	107818	Service Forestier M-63	CAY085058	6915
S.A. Mori et al. 24778	CAY000379	107814			
S.A. Mori et al. 24798	CAY002718	109238	T.D. Pennington & S.A. Mori 12134	CAY100315	65402
S.A. Mori et al. 24828	CAY015406	111776	T.D. Pennington & S.A. Mori 12137	CAY088949	65405
S.A. Mori et al. 24980	CAY019864	111654	T.D. Pennington & S.A. Mori 12177	CAY089800	65446
S.A. Mori et al. 24995	CAY035293	200456			
S.A. Mori et al. 25034	CAY015359	111582	T.D. Pennington et al. 13840	CAY097565	65466
S.A. Mori et al. 25174	CAY015318	111566	T.D. Pennington et al. 13840	CAY097566	65466
S.A. Mori et al. 25177	CAY015315	111569	T.D. Pennington et al. 13867	CAY192014	65493
S.A. Mori et al. 25303	CAY015677	113251			
S.A. Mori et al. 25427	CAY023010	117161	T.W. Henkel et al. 3133	CAY191514	105317
S.A. Mori et al. 25434	CAY023028	117178			
S.A. Mori et al. 25515	CAY022666	116284	V. Hequet 159	CAY030889	88648
S.A. Mori et al. 25536	CAY036865	119417	V. Hequet 3003	CAY073057	132183
S.A. Mori et al. 25554	CAY036885	119436	V. Hequet 3018bis	CAY073070	132196
S.A. Mori et al. 25564	CAY036895	119447	V. Hequet 3018bis	CAY073114	132196
S.A. Mori et al. 25667	CAY057038	125019			
S.A. Mori et al. 25669	CAY057040	125021	W.J. Hahn 3534	CAY169018	42803
S.A. Mori et al. 25711	CAY057079	125060			
S.A. Mori et al. 25729	CAY057094	125075	X. Cuniberti 22	CAY109376	308440
S.A. Mori et al. 26472	CAY077948	134355			
S.A. Mori et al. 26487	CAY077959	134365	Y. Caraglio 508	CAY073077	132203
S.A. Mori et al. 26487	CAY077960	134365	Y. Caraglio 802	CAY019094	109542
S.A. Mori et al. 26487	CAY077961	134365			
S.A. Mori et al. 26487	CAY077962	134365			
S.A. Mori et al. 26542	CAY080517	135106			
S.A. Mori et al. 26555	CAY080521	135110			
S.A. Mori et al. 26555	CAY080522	135110			
S.A. Mori et al. 26565	CAY077995	134397			
S.A. Mori et al. 8864	CAY116315	311203			

Titre_abr	[Auteurs]	Titre
Abh. Königl. Böhm. Ges. Wiss. Abh. Königl. Ges. Wiss. Göttingen		Abhandlungen der Königlichen Böhmischen Gesellschaft der Wissenschaften Abhandlungen der Königlichen Gesellschaft der Wissenschaften zu Göttingen
Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.		Abhandlungen der Mathematisch-Physikalischen Klasse der Königlich Bayerischen Akademie der Wissenschaften
Acta Amazonica Supl.		Acta Amazonica. Suplemento
Acta Biol. Venez.		Acta Biologica Venezuelica
Acta Bot. Hung.		Acta Botanica Hungarica
Acta Bot. Neerl.		Acta Botanica Neerlandica
Acta Bot. Venez.		Acta Botánica Venezuéllica
Acta Helv. Phys.-Math.		Acta Helvetica Physico-Mathematico-Anatomico-Botanico-Medica
Acta Horti Berg.		Acta Horti Bergiani
Actes Soc. Hist. Nat. Paris		Actes de la Société d'Histoire Naturelle de Paris
Adansonia [Baillon]	Baillon	Adansonia
Adnot. Bot.		Adnotationes botanicae
Advances Econ. Bot.		Advances in Economic Botany
Agric. Colon.		Agricultura Colonial
Allg. Med.-Pharm. Fl.		Allgemeine medizinisch-pharmazeutische Flora
Allg. Naturgesch.		Allgemeine Naturgeschichte für alle Stände
Alsogr. Amer.		Alsographia Americana
Amer. J. Bot.		American Journal of Botany
Amer. Midl. Naturalist		American Midland Naturalist
Anais 15 Congr. Soc. Bot. Brasil		Anais do XV Congresso da Sociedade de Botânica do Brasil
Anais Acad. Brasil. Ci.		Anais da Academia Brasileira de Ciências
Anais Reunião Sul-Amer. Bot.		Anais Reunião Sul-Americana de Botânica
Anal. Soc. Rural Argent. (Cat. Descr. Maderas)		Catalogo descriptivo de las maderas
Anales Acad. Ci. Med. Habana		Anales de la Academia de Ciencias Médicas
Anales Ci. Parag.		Anales Científicos Paraguayos
Anales Inst. Biol. Univ. Nac. México		Anales del Instituto de Biología de la Universidad Nacional de México
Anales Inst. Bot. Cavanilles		Anales del Instituto Botanico A. J. Cavanilles
Anales Inst. Méd.-Nac. México		Anales del Instituto Médico Nacional
Anales Jard. Bot. Madrid		Anales del Jardín Botánico de Madrid
Anales Mus. Hist. Nat. Montevideo		Anales del Museo de Historia Natural de Montevideo
Anales Soc. Esp. Hist. Nat.		Anales de la Sociedad Española de Historia Natural
Anexos Mem. Inst. Butantan, Secc. Bot.		Anexos das Memórias do Instituto de Butantan, Secção de Botânica
Ann. Acad. Brasil Sci.		Annaes da Academia Brasileira de Ciências
Ann. Bot. Syst. [Walpers]	Walpers	Annales botanices systematicae
Ann. Carnegie Mus.		Annals of the Carnegie Museum
Ann. Gen. Sci. Phys.		Annales Générales des Sciences Physiques
Ann. Hort. Belge Étrangère		Annales d'Horticulture Belge et Étrangère
Ann. Inst. Colon. Marseille		Annales de l'Institut Colonial de Marseille
Ann. Jard. Bot. Buitenzorg, Suppl.		Annales du Jardin Botanique de Buitenzorg, Supplément
Ann. K. K. Naturhist. Hofmus.		Annalen des K.K. Naturhistorischen Hofmuseums
Ann. Mag. Nat. Hist.		The Annals and Magazine of Natural History
Ann. Missouri Bot. Gard.		Annals of the Missouri Botanical Garden
Ann. Mus. Bot. Lugduno-Batavi		Annales Musei Botanici Lugduno-Batavi
Ann. Mus. Colon. Marseille		Annales du Musée Colonial de Marseille
Ann. Mus. Congo		Annales du Musée du Congo Belge
Ann. Mus. Natl. Hist. Nat.		Annales du Muséum national d'Histoire Naturelle
Ann. Naturhist. Mus. Wien		Annalen des Naturhistorischen Museums in Wien
Ann. New York Acad. Sci.		Annals of the New York Academy of Sciences
Ann. Sci. Nat. (Paris)		Annales des Sciences Naturelles
Ann. Sci. Nat., Bot.		Annales des Sciences Naturelles, Botanique
Ann. Soc. Bot. Lyon		Annales de la Société Botanique de Lyon
Ann. Univ. Abidjan, C.		Annales de l'Université d'Abidjan, série C
Annuaire Conserv. Jard. Bot. Genève		Annuaire du Conservatoire et du Jardin Botaniques de Genève
Apocyn. S. Am.		On the Apocynaceae of South America
Apont.		Apontamentos phytogeographicos
Arb. Arbust. Venez.		Arboles y arbustos nuevos de Venezuela
Arbeiten Königl. Bot. Gart. Breslau		Arbeiten aus dem Kgl. Botanischen Garten zu Breslau
Arch. Bot.		Archives de Botanique (Caen)
Arch. Bot. Bull. Mens.		Archives de Botanique, Bulletin Mensuel
Arch. Bot. São Paulo		Archivos de Botânica do São Paulo
Arch. Inst. Biol. Veg.		Archivos do Instituto de Biologia Vegetal
Arch. Jard. Bot. Rio de Janeiro		Arquivos do Jardim Botânico do Rio de Janeiro
Arch. Med. Bras.		Arquivo Medico Brasileiro
Arch. Mus. Hist. Nat.		Archives du Muséum d'Histoire Naturelle
Arch. Mus. Nac. Rio de Janeiro		Arquivos do Museu Nacional do Rio de Janeiro
Ark. Bot.		Arkiv för Botanik

## Appendix 5. — Continuation.

Titre_abr	[Auteurs]	Titre
Ark. Bot., n.s.		Arkiv för Botanik, Andra Serien
Arq. Bot. Estado São Paulo		Arquivos de Botânica do Estado de São Paulo
Arq. Serv. Florest.		Arquivos do Serviço Florestal
Atas Simp. Biota Amazônica		Atas do Simpósio sobre a Biota Amazônica
Atlantic J.		Atlantic Journal, and Friend of Knowledge
Atti Riunione Sci. Ital.		Atti della Riunione degli Scienziati Italiani
Autik. Bot.		Autikon Botanikon
Beih. Bot. Centralbl.		Beihefte zum Botanischen Centralblatt
Beitr. Erythroxyton		Beiträge zur Kenntniss der Gattung Erythroxyton
Ber. Deutsch. Bot. Ges.		Berichte der Deutschen Botanischen Gesellschaft
Beskr. Guin. Pl.		Beskrivelse af Guineiske Planter
Biblioth. Bot.		Bibliotheca Botanica
Bih. Kongl. Svenska Vetensk.-Akad. Handl.		Bihang til Kongliga Svenska Vetenskaps-Akademiens Handlingar
Biol. Cent.-Amer.		Biologia Centrali-Americana
BioLlania, ed. espec.		BioLlania, edición especial
Bol. Bot. Univ. São Paulo		Boletim de Botânica
Bol. Centro Invest. Biol. Univ. Zulia		Boletín del Centro de Investigaciones Biológicas, Universidad de Zulia, Maracaibo, Venezuela.
Bol. Ci. Técn. Mus. Comercial Venezuela		Boletín Científico y Técnico del Museo Comercial de Venezuela
Bol. Inst. Bot. (São Paulo)		Boletim do Instituto de Botânica
Bol. Mens. Mus. Prod. Argent.		Boletín Mensual del Museo de Productos Argentinos
Bol. Mus. Goeldi Hist. Nat. Ethnogr.		Boletim do Museu Goeldi de Historia Natural e Ethnographia
Bol. Mus. Nac. Rio de Janeiro, Bot.		Boletim do Museu Nacional de Rio de Janeiro, Botânica
Bol. Mus. Paraense Emílio Goeldi, N.S., Bot.		Boletim do Museu Paraense Emílio Goeldi, nova série, Botânica
Bol. Mus. Paraense Hist. Nat. Ethnogr.		Boletim do Museu Paraense de Historia Natural e Ethnographia
Bol. Soc. Argent. Bot.		Boletín de la Sociedad Argentina de Botánica
Bol. Soc. Venez. Ci. Nat.		Boletín de la Sociedad Venezolana de Ciencias Naturales
Bol. Técn. Inst. Agron. N.		Boletim Técnico do Instituto Agrônomo de Norte
Bol. Técn. Minist. Agric.		Boletín Técnico. Ministerio de Agricultura y Cria
Bot. Beechey Voy.		The Botany of Captain Beechey's Voyage
Bot. Centralbl.		Botanisches Centralblatt
Bot. Cult.		Le Botaniste Cultivateur
Bot. Gaz.		Botanical Gazette
Bot. J. Linn. Soc.		Botanical Journal of the Linnean Society
Bot. Jahrb. Syst.		Botanische Jahrbücher für Systematik
Bot. Közlem.		Botanikae Közlemények
Bot. Mag.		Botanical Magazine
Bot. Mat. Med.		A Botanical Materia Medica
Bot. Misc.		Botanical Miscellany
Bot. Mus. Leaflet.		Botanical Museum Leaflets
Bot. Nomencl.		A Botanical Nomenclator
Bot. Sam. Venez		Über die Behandlung von Sämereien und Pflanzen des tropischen Süd-Amerika, besonders Venezuela's
Bot. Tidsskr.		Botanisk Tidsskrift
Bot. Voy. Herald [Seemann]	Seemann	The Botany of the Voyage of H.M.S. Herald
Bot. Voy. Sulphur [Bentham]	Bentham	The Botany of the Voyage of H.M.S. Sulphur
Bull. Acad. Roy. Sci. Belgique		Bulletin de l'Académie Royale des Sciences et Belles-lettres de Belgique
Bull. Acad. Roy. Sci. Bruxelles		Bulletin de l'Académie Royale des Sciences et Belles-lettres de Bruxelles
Bull. Bernice P. Bishop Mus.		Bulletin of the Bernice P. Bishop Museum. Honolulu
Bull. Bur. Pl. Industr. U.S.D.A.		U.S. Department of Agriculture Bureau of Plant Industry Bulletin
Bull. Herb. Boissier		Bulletin de l'Herbier Boissier
Bull. Jard. Bot. Buitenzorg		Bulletin du Jardin Botanique de Buitenzorg
Bull. Jard. Bot. État Bruxelles		Bulletin du Jardin Botanique de l'État à Bruxelles
Bull. Jard. Bot. Natl. Belg.		Bulletin du Jardin Botanique National de Belgique
Bull. Mens. Soc. Linn. Paris		Bulletin Mensuel de la Société Linnéenne de Paris
Bull. Misc. Inform. Kew		Bulletin of Miscellaneous Information
Bull. Mus. Natl. Hist. Nat.		Bulletin du Muséum National d'Histoire Naturelle
Bull. Mus. Natl. Hist. Nat., B, Adansonia		Bulletin du Muséum National d'Histoire Naturelle, série B, Adansonia
Bull. New York Bot. Gard.		Bulletin of the New York Botanical Garden
Bull. Soc. Bot. France		Bulletin de la Société Botanique de France
Bull. Soc. Bot. France, Lett. Bot.		Bulletin de la Société Botanique de France, Lettres botaniques
Bull. Soc. Bot. Genève		Bulletin de la Société Botanique de Genève
Bull. Soc. Imp. Naturalistes Moscou		Bulletin de la Société Impériale des Naturalistes de Moscou
Bull. Soc. Linn. Normandie		Bulletin de la Société Linnéenne de Normandie
Bull. Soc. Natl. Acclim. France		Bulletin de la Société Nationale d'Acclimatation de France
Bull. Soc. Roy. Bot. Belgique		Bulletin de la Société Royale de Botanique de Belgique
Bull. Torrey Bot. Club		Bulletin of the Torrey Botanical Club
Bull. U.S. Natl. Mus.		Bulletin of the United States National Museum



Titre_abr	[Auteurs]	Titre
Byrsonima		<i>Arbeiten aus dem Botanischen Institut des Kgl. Lyceum Hosianum in Braunsberg</i>
Cacao Manual [F. Hardy]	Hardy	<i>Hardy's Cacao Manual</i>
Caribbean Forest.		<i>Caribbean Forester</i>
Cat. Fl. Domingensis		<i>Catalogus florae domingensis</i>
Cat. Fl. Venez. [Pittier]	Pittier	<i>Catálogo de la Flora Venezolana</i>
Cat. Hist. Nat. Corrientes		<i>Catalogo Historia Natural de Corrientes</i>
Cat. Horti Vindob.		<i>Catalogus horti academici vindobonensis</i>
Cat. Pl. Cub. [Grisebach]	Grisebach	<i>Catalogus plantarum cubensium</i>
Cat. Pl. Horti Monsp.		<i>Catalogus plantarum Horti Botanici Monspeliensis</i>
Char. Gen. Pl.		<i>Characteres generum plantarum</i>
Choix Pl.		<i>Choix de plantes</i>
Ci. & Cult.		<i>Ciencia e Cultura</i>
Civ. Nat. Hist. Jamaica.		<i>The Civil and Natural History of Jamaica in Three Parts</i>
Comm. Lin. Telegr., Bot.		<i>Comissão de Linhas Telegraphicas estrategicas de Matto Grosso ao Amazonia. Anexo no. 5 Historia natural. Botanica</i>
Comm. Phytogr.		<i>Commentarii Phytographici</i>
Commentat. Legum. Gen.		<i>Commentationes de leguminosarum generibus</i>
Compt. Rend. Séances Soc. Biogéogr.		<i>Comptes Rendus des Séances de la Société de biogéographie</i>
Commun. Bot. Mus. Hist. Nat. Montevideo		<i>Comunicaciones Botanicas del Museo de Historia Natural de Montevideo</i>
Contr. Arnold Arbor.		<i>Contributions from the Arnold Arboretum of Harvard University</i>
Contr. Conoc. Arb. Argent.		<i>Contribucion al Conocimiento de los Árboles de la Argentina</i>
Contr. Gray Herb.		<i>Contributions from the Gray Herbarium of Harvard University</i>
Contr. Hist. Nat. Colomb.		<i>Contribuciones a la historia natural Colombiana</i>
Contr. Jard. Bot. Rio de Janeiro		<i>Contributions du Jardin Botanique de Rio de Janeiro</i>
Contr. Ocas. Mus. Hist. Nat. Colegio De La Salle		<i>Contribuciones Ocasionales del Museo de Historia Natural del Colegio De La Salle</i>
Contr. U.S. Natl. Herb.		<i>Contributions from the United States National Herbarium</i>
Contr. Univ. Michigan Herb.		<i>Contributions from the University of Michigan Herbarium</i>
Cort. Geoffr. Surinam.		<i>Dissertatio de Cortice Geoffraeae Surinamensis</i>
Cult. Prot.		<i>On the cultivation of the plants belonging to the natural order of Proteeae</i>
Cycl. [Rees]	Rees	<i>The Cyclopædia</i>
Dagb. Ostind. Resa		<i>Dagbok öfwer en Ostindisk resa</i>
Denkschr. Königl. Akad. Wiss. München		<i>Denkschriften der Königlichen Akademie der Wissenschaften zu München</i>
Descr. Guttif. Inde		<i>Description des Guttifères de l'Inde</i>
Descr. Pinus		<i>Description of the genus Pinus</i>
Descr. Pl. Nouv.		<i>Description des plantes nouvelles</i>
Descr. Rar. Pl. Surin. [Rottbøll]	Rottbøll	<i>Descriptionis rariorum plantarum</i>
Descr. S. Amer. Pl.		<i>Descriptions of three hundred new species of South American Plants</i>
Diagn. Pl. Nov. Mexic.		<i>Diagnoses plantarum novarum Mexicanarum</i>
Dicc. Bot. Nombres Vulg. Cub. Puerto-Riq.		<i>Diccionario botánico de los nombres vulgares cubanos y puerto-riqueños</i>
Dict. Sci. Nat.		<i>Dictionnaire des Sciences Naturelles</i>
Diss.		<i>Monadelphiae Classis Dissertationes Decem</i>
Diss. Pl. Brazil		<i>Dissertação sobre as plantas do Brazil</i>
Druggists' Circ.		<i>The Druggists' Circular</i>
Echitis		<i>In genus Echitis observationes</i>
Eclog. Amer.		<i>Eclogae Americanae</i>
Edinburgh New Philos. J.		<i>The Edinburgh New Philosophical journal</i>
Edinburgh Philos. J.		<i>Edinburgh Philosophical Journal</i>
Empire For. J.		<i>Empire Forestry Journal</i>
Encycl. [J. Lamarck & al.]	Lamarck & al.	<i>Encyclopédie Méthodique</i>
Encycl. [J. Lamarck & al.] Suppl.	Lamarck & al.	<i>Encyclopédie Méthodique. Supplément</i>
Enum. Hort. Berol. Alt.		<i>Enumeratio plantarum Horti regii botanici Berolinensis altera</i>
Enum. Myrt. Bras.		<i>Enumeratio Myrtacearum Brasiliensium</i>
Enum. Palm. Nov.		<i>Enumeratio Palmarum Novarum</i>
Enum. Pl. [Vahl]	Vahl	<i>Enumeratio Plantarum</i>
Enum. Pl. [Willdenow]	Willdenow	<i>Enumeratio Plantarum Horti Regii Berolinensis</i>
Enum. Pl. Guatem.		<i>Enumeratio Plantarum Guatemalensium</i>
Enum. Pl. Suppl. [Willdenow]	Willdenow	<i>Enumeratio Plantarum Horti Regii Berolinensis. Supplementum</i>
Enum. Subst. Braz.		<i>Enumeração das substancias brasileiras</i>
Enum. Syst. Pl.		<i>Enumeratio Systematica Plantarum</i>
Enum. Vasc. Pl. Surinam		<i>An enumeration of the vascular plants known from Surinam</i>
Essai Propr. Méd. Pl.		<i>Essai sur les propriétés médicales des plantes</i>
Essay Pl. Burdekin		<i>Essay on the plants collected by Mr. Eugene Fitzalan during Lieut. Smith's expedition to the estuary of the Burdekin (1860)</i>
Estud. Bot. Nordeste Braz.		<i>Estudo botânico do Nordeste</i>
Estudios Científicos		<i>Estudios científicos del doctor Andres Posada</i>
Étude Euphorb.		<i>Étude générale du groupe des Euphorbiacées</i>
Euphorb. Gen.		<i>De Euphorbiacearum Generibus</i>

## Appendix 5. — Continuation.

Titre_abr	[Auteurs]	Titre
<i>Euphorb. Surinam</i>		<i>The Euphorbiaceae of Surinam</i>
<i>Exped. Roosevelt-Rondon. Bot.</i>		<i>Expedição Científica Roosevelt-Rondon. Anexo n. 2. Botanica</i>
<i>Expl. Bot. Cuenca Maracaibo</i>		<i>Exploraciones Botánicas y otras en la Cuenca de Maracaibo</i>
<i>Explor. Bot. Afrique Occ. Franç.</i>		<i>Exploration botanique de l'Afrique occidentale française</i>
<i>Expos. Fam. Nat.</i>		<i>Exposition des familles naturelles et de la germination des plantes</i>
<i>Fam. Nat. Syn. Monogr.</i>		<i>Familiarum Naturalium Regni Vegetabilis Synopses Monographicae</i>
<i>Feddes Repert.</i>		<i>Feddes Repertorium</i>
<i>Festschr. Ascherson</i>		<i>Festschrift zur Feier des siebenzigsten Geburtstages des Herrn Professor Dr. Paul Ascherson</i>
<i>Ficus</i>		<i>Ficus Genus</i>
<i>Field &amp; Lab.</i>		<i>Field &amp; Laboratory</i>
<i>Fieldiana, Bot.</i>		<i>Fieldiana, Botany</i>
<i>Fitologija</i>		<i>Fitologija</i>
<i>Fl. Antill.</i>		<i>Flore des Antilles</i>
<i>Fl. Avila</i>		<i>Flora del Avila</i>
<i>Fl. Bras. [Martius]</i>	Martius	<i>Flora Brasiliensis</i>
<i>Fl. Bras. Merid. [A. St.-Hil.] (quarto ed.)</i>	Saint-Hilaire	<i>Flora Brasiliae meridionalis (quarto edition)</i>
<i>Fl. Brit. W.I. [Grisebach]</i>	Grisebach	<i>Flora of the British West Indian islands</i>
<i>Fl. Cochinch.</i>		<i>Flora Cochinchinensis</i>
<i>Fl. Coimbatore [M. Chandrabose &amp; N.C. Nair]</i>	Chandrabose & Nair	<i>Flora of Coimbatore</i>
<i>Fl. Columb. [H. Karsten]</i>	Karsten	<i>Florae Columbiae</i>
<i>Fl. Cuba [Gómez &amp; Roig]</i>	Gómez	<i>Flora de Cuba</i>
<i>Fl. Cuba [Gómez]</i>	Gómez & Roig	<i>Flora de Cuba</i>
<i>Fl. Ecuador</i>		<i>Flora of Ecuador</i>
<i>Fl. Filip. [F.M. Blanco]</i>	Blanco	<i>Flora de Filipinas</i>
<i>Fl. Flumin.</i>		<i>Florae Fluminensis</i>
<i>Fl. Flumin. Icon.</i>		<i>Florae Fluminensis Icones</i>
<i>Fl. Guadeloupe [Stehlé]</i>	Stehlé	<i>La Flore de la Guadeloupe et Dépendance</i>
<i>Fl. Guianas</i>		<i>Flora of the Guianas</i>
<i>Fl. Guyane Franç.</i>		<i>Flore de la Guyane française</i>
<i>Fl. Habanera</i>		<i>Flora Habanera</i>
<i>Fl. Hawaii. Fam.</i>		<i>Flora Hawaiiensis</i>
<i>Fl. Huayaquilensis</i>		<i>Flora Huayaquilensis</i>
<i>Fl. Illustr. Catar.</i>		<i>Flora Illustrada Catarinense</i>
<i>Fl. Ind.</i>		<i>Flora Indica</i>
<i>Fl. Ind. Occid.</i>		<i>Flora Indiae Occidentalis</i>
<i>Fl. Indica [N.L. Burman]</i>	Burman	<i>Flora Indica</i>
<i>Fl. Ins. Austr.</i>		<i>Florulae Insularum Australium Prodromus</i>
<i>Fl. Jamaic. [Linnaeus]</i>	Linnaeus	<i>Flora Jamaicensis</i>
<i>Fl. Jamaica [Fawcett &amp; Rendle]</i>	Fawcett & Rendle	<i>Flora of Jamaica</i>
<i>Fl. Jamaica [Macfadyen]</i>	Macfadyen	<i>Flora of Jamaica</i>
<i>Fl. Mexic.</i>		<i>Flora mexicana</i>
<i>Fl. N. Territory</i>		<i>The flora of the Northern Territory</i>
<i>Fl. Ned. Ind.</i>		<i>Flora van Nederlandsch Indie</i>
<i>Fl. Neotrop. Monogr.</i>		<i>Flora Neotropica Monographs</i>
<i>Fl. Oware</i>		<i>Flore d'Oware</i>
<i>Fl. Peruv. [Ruiz &amp; Pavón]</i>	Ruiz & Pavón	<i>Flora Peruviana</i>
<i>Fl. Peruv. Prodr.</i>		<i>Flora Peruviana, et Chilensis prodromus</i>
<i>Fl. Phan. Antill. Franç.</i>		<i>Flore phanérogamique des Antilles françaises</i>
<i>Fl. S.E. U.S. [Small]</i>	Small	<i>Flora of the Southeastern United States</i>
<i>Fl. Seneg. Tent.</i>		<i>Florae Senegambiae Tentamen</i>
<i>Fl. Serres Jard. Eur.</i>		<i>Flore des serres et des jardins de l'Europe</i>
<i>Fl. South. U.S.</i>		<i>Flora of the southern United States</i>
<i>Fl. Suriname</i>		<i>Flora of Suriname</i>
<i>Fl. Trinidad &amp; Tobago</i>		<i>Flora of Trinidad and Tobago</i>
<i>Fl. Trop. Afr.</i>		<i>Flora of Tropical Africa</i>
<i>Fl. Venez.</i>		<i>Flora de Venezuela</i>
<i>Fl. Venez. Guayana</i>		<i>Flora of the Venezuelan Guayana</i>
<i>Fragm. Bot.</i>		<i>Fragmenta Botanica</i>
<i>Fruct. Sem. Pl.</i>		<i>De fructibus et seminibus plantarum</i>
<i>Gard. Bull. Singapore</i>		<i>Gardens' Bulletin Singapore</i>
<i>Gard. Dict.</i>		<i>The Gardeners Dictionary</i>
<i>Gen. Cass. Syn.</i>		<i>Synopsis generis Cassiae</i>
<i>Gen. Fl. Pl.</i>		<i>The Genera of Flowering Plants</i>
<i>Gen. Hist.</i>		<i>A General History of the Dichlamydeous Plants</i>
<i>Gen. Inga, Bot.</i>		<i>The genus Inga, Botany</i>

Titre_abr	[Auteurs]	Titre
<i>Gen. Pl.</i> [Bentham & Hooker f.]	Bentham & Hooker	<i>Genera Plantarum</i>
<i>Gen. Sp. Synon. Cand.</i>		<i>Genera, species et synonyma Candolleana</i>
<i>Gentes Herb.</i>		<i>Gentes Herbarum</i>
<i>Ges. Naturf. Freunde Berlin Neue Schriften</i>		<i>Der Gesellschaft Naturforschender Freunde zu Berlin Neue Schriften</i>
<i>Getreue Darstell. Gew.</i>		<i>Getreue Darstellung und Beschreibung der in der Arzneykunde Gebräuchlichen Gewächse</i>
<i>Global Fl.</i>		<i>Plant Gateway's the Global Flora</i>
<i>Gött. Gel. Anz.</i>		<i>Göttingische Gelehrte Anzeigen</i>
<i>Harvard Pap. Bot.</i>		<i>Harvard Papers in Botany</i>
<i>Herb. Amb.</i>		<i>Herbarium Amboinense</i>
<i>Het Instituut</i>		<i>Het Instituut of Verslagen en Mededeelingen</i>
<i>Hieronima alchorneoides</i>		<i>Euphorbiacea. Hieronima (Gen. nov.) alchorneoides (Sp. nov.)</i>
<i>Hist. Fis. Cuba, Bot.</i>		<i>Historia física, política y natural de la Isla de Cuba. Botanica</i>
<i>Hist. Nat. Palm.</i>		<i>Historia naturalis Palmarum</i>
<i>Hist. Nat. Quinquinas</i>		<i>Histoire naturelle des Quinquinas</i>
<i>Hist. Phys. Cuba, Pl. Vasc.</i>		<i>Histoire physique, politique et naturelle de l'île de Cuba. Botanique. Plantes vasculaires</i>
<i>Hist. Pl.</i> [Baillon]	Baillon	<i>Histoire des Plantes</i>
<i>Hist. Pl. Guiane</i>		<i>Histoire des plantes de la Guiane Française</i>
<i>Hist. Univ. Règne Vég., Planches</i>		<i>Histoire Universelle du Règne Végétal, Planches</i>
<i>Hooker's Icon. Pl.</i>		<i>Hooker's Icones Plantarum; or figures, with brief descriptive characters and remarks of new or rare plants</i>
<i>Hooker's J. Bot. Kew Gard. Misc.</i>		<i>Hooker's Journal of Botany and Kew Garden Miscellany</i>
<i>Hort. Brit.</i> [Loudon]	Loudon	<i>Hortus Britannicus</i>
<i>Hort. Brit.</i> [Sweet]	Sweet	<i>Hortus Britannicus</i>
<i>Hort. Jamaic.</i>		<i>Hortus Jamaicensis</i>
<i>Hort. Nymphenb.</i>		<i>Hortus Nymphenburgensis</i>
<i>Hort. Suburb. Calcutt.</i>		<i>Hortus suburbanus Calcuttensis</i>
<i>Horti Bonon. Pl. Nov.</i>		<i>Horti botanici Bononiensis plantae novae vel minus cognitae</i>
<i>Hufeland. Ill.</i>		<i>Hufelandiae Illustratio</i>
<i>Icon.</i> [Cavanilles]	Cavanilles	<i>Icones et descriptiones plantarum</i>
<i>Icon. Pict. Pl. Rar.</i>		<i>Icones pictae plantarum rariorum</i>
<i>Icon. Pl.</i>		<i>Icones plantarum</i>
<i>Icon. Pl. Rar.</i> [Jacquin]	Jacquin	<i>Icones plantarum rariorum</i>
<i>Icon. Sel. Pl.</i>		<i>Icones selectae plantarum</i>
<i>Ill. Bot. Himal. Mts.</i>		<i>Illustrations of the botany and other branches of the natural history of the Himalayan mountains</i>
<i>Ill. Dict. Gard.</i>		<i>The Illustrated Dictionary of Gardening</i>
<i>Ill. Hort.</i>		<i>L'illustration Horticole</i>
<i>Ind. Bibl. Pl. Col. Com. Rondon</i>		<i>Indice bibliografico e numerico das plantas colhidas pela Comissao Rondon</i>
<i>Index Kew.</i>		<i>Index Kewensis plantarum phanerogamarum</i>
<i>Index Kew. Suppl.</i>		<i>Index Kewensis plantarum phanerogamarum; Supplementum</i>
<i>Index Linn. Herb.</i>		<i>Index to the Linnean Herbarium</i>
<i>Index Palm.</i>		<i>Index Palmarum</i>
<i>Index Seminum (Berlin)</i>		<i>Index seminum in Horti Botanici Berolinensis</i>
<i>Indig. Palms Surin.</i>		<i>The Indigenous Palms of Suriname</i>
<i>Inst. Rei Herb.</i>		<i>Institutiones Rei Herbariae</i>
<i>Isis [Oken]</i>	Oken	<i>Isis oder Encyclopädische Zeitung.</i>
<i>Iter Hispan.</i>		<i>Iter Hispanicum</i>
<i>J. Arnold Arbor.</i>		<i>Journal of the Arnold Arboretum</i>
<i>J. Board Agric. British Guiana</i>		<i>Journal of the Board of Agriculture of British Guiana</i>
<i>J. Bot.</i>	Hooker	<i>Journal of Botany</i>
<i>J. Bot.</i> [Hooker]	Hooker	<i>Journal of Botany, British and Foreign</i>
<i>J. Bot.</i> [Morot]	Morot	<i>Journal de Botanique</i>
<i>J. Bot. Agric.</i>		<i>Journal de Botanique appliquée à l'Agriculture</i>
<i>J. Bot. Res. Inst. Texas</i>		<i>Journal of the Botanical Research Institute of Texas</i>
<i>J. Dept. Agric. Porto Rico</i>		<i>The journal of the Department of Agriculture of Porto Rico</i>
<i>J. Hist. Nat.</i>		<i>Journal d'Histoire Naturelle</i>
<i>J. Linn. Soc., Bot.</i>		<i>Journal of the Linnean Society, Botany</i>
<i>J. Proc. Linn. Soc., Bot.</i>		<i>Journal of the Proceedings of the Linnean Society, Botany</i>
<i>J. Straits Branch Roy. Asiat. Soc.</i>		<i>Journal of the Straits Branch of the Royal Asiatic Society</i>
<i>J. Wash. Acad. Sci.</i>		<i>Journal of the Washington Academy of Sciences</i>
<i>Jaarb. Kon. Ned. Maatsch. Aanm. Tuinb.</i>		<i>Jaarboek van de Koninklijke Nederlandsche Maatschappij tot Aanmoediging van den Tuinbouw</i>
<i>Jahrb. Gewächsk.</i>		<i>Jahrbücher der Gewächskunde</i>
<i>Jahrb. Königl. Bot. Gart. Berlin</i>		<i>Jahrbuch des Königlichen Botanischen Gartens und des Botanischen Museums zu Berlin</i>
<i>Jour. As. Soc. Bengal</i>		<i>Journal of the Asiatic Society of Bengal</i>

## Appendix 5. — Continuation.

Titre_abr	[Auteurs]	Titre
Kew Bull.		Kew Bulletin
Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.		Kongelige Danske videnskabernes Selskabs Skrifter, Naturvidenskabeli Mathematisk Afdeling
Kongl. Svenska Vetensk.-Akad. Handl.		Kongliga Svenska Vetenskaps-Akademiens Handlingar
Kongl. Vetensk.-Akad. Handl.		Kongliga Vetenskaps-Akademiens Handlingar
Kungl. Svenska Vetenskapsakad. Handl.		Kungliga Svenska Vetenskapsakademiens Handlingar
Legum. Argent.		Las Leguminosas Argentinas
Legum. Pl. Hawaii		The Leguminous Plants of Hawaii
Legumes Ilha de Maracá		Legumes of the Ilha de Maracá
Lista Pl. Salvador [Standley & S. Calderon]	Standley & Calderon	Tropical Woods
London J. Bot.		London Journal of Botany
London Med. J.		The London Medical Journal
Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin		Magazin für die neuesten Entdeckungen in der gesammten Naturkunde, Gesellschaft Naturforschender Freunde zu Berlin
Malvenfam.		Ueber einige künstliche Geschlechter aus der Malven-Familie
Man. S.E. Fl.		Manual of the Southeastern Flora
Mant. 1 [Schultes]	Schultes	Mantissa in volumen primum
Mant. 3 [Schultes] Add.	Schultes	Mantissa in volumen tertium. Additamentum
Mant. Pl.		Mantissa Plantarum
Mater. Med.		Materia Medica
Meded. Bot. Mus. Herb. Rijks Univ. Utrecht		Mededeelingen van het Botanisch Museum en Herbarium van de Rijks Universiteit te Utrecht
Meded. Landbouwhoogeschool Wageningen		Mededeelingen van de Landbouwhoogeschool te Wageningen
Meded. Rijks-Herb.		Mededeelingen van 's Rijks Herbarium
Melast. Bras.		Melastome Brasiliane
Melet. Bot.		Meletemata Botanica
Mém. Acad. Imp. Sci. Saint-Pétersbourg, sér. 6, Sci. Math., Seconde Pt. Sci. Nat.		Mémoires de l'Académie Impériale des Sciences de Saint-Pétersbourg
Mém. Acad. Sci. Toulouse		Mémoires de l'Académie des Sciences, Inscriptions et Belles-Lettres de Toulouse
Mem. Cl. Sci. Fis. Mat. Nat. Reale Accad. Italia		Memorie della Classe di Scienze Fisiche, Matematiche e Naturali. Reale Accademia d'Italia
Mem. Mat. Fis. Soc. Ital. Sci. Modena		Memorie di Matematica e di Fisica della Società Italiana delle Scienze Residente in Modena
Mem. Math. Phis. Acad. Real Sci. Lisboa		Memorias da Academia Real das Sciencias de Lisboa
Mém. Mus. Hist. Nat.		Mémoires du Muséum d'Histoire Naturelle
Mém. Mus. Natl. Hist. Nat., sér. B, Bot.		Mémoires du Muséum National d'Histoire Naturelle, série B, Botanique
Mem. New York Bot. Gard.		Memoirs of the New York Botanical Garden
Mem. Pacific Trop. Bot. Gard.		Memoirs of Pacific Tropical Botanical Garden
Mém. Rubiac.		Mémoire sur la famille des Rubiacées
Mem. Soc. Ci. Nat. La Salle		Memoria de la Sociedad de Ciencias Naturales La Salle
Mem. Soc. Cub. Hist. Nat. «Felipe Poey»		Memorias de la Sociedad Cubana de Historia Natural «Felipe Poey»
Mém. Soc. Hist. Nat. Paris		Mémoires de la Société d'Histoire Naturelle de Paris
Mém. Soc. Phys. Genève		Mémoires de la Société de Physique et d'Histoire Naturelle de Genève
Mem. Torrey Bot. Club		Memoirs of the Torrey Botanical Club
Mem. Wern. Nat. Hist. Soc.		Memoirs of the Wernerian Natural History Society
Mimos.		Mimoses
Misc. Bot. [Bertol.]	Bertoloni	Miscellanea Botanica
Mitt. Bot. Vereins Kreis Freiburg		Mitteilungen des Botanischen Vereins für den Kreis Freiburg und das Land Baden
Mitt. Inst. Allg. Bot. Hamburg		Mitteilungen aus dem Institut für Allgemeine Botanik in Hamburg
Molec. Phylogen. Evol.		Molecular Phylogenetics and Evolution
Monog. Bux.		Monographie des Buxacees et des Stylocérées
Monogr. Anonac.		Monographie de la famille des Anonacées
Monogr. Melast.		Monographia Melastomacearum
Monogr. Paullinia		Monographie der Sapindaceengattung Paullinia
Monogr. Phan. [A.DC. & C.DC.]	Candolle & Candolle	Monographiae Phanerogamarum
Monogr. Syst. Bot. Missouri Bot. Gard.		Monographs in Systematic Botany from the Missouri Botanical Garden
Mus. Bot.		Museum Botanicum
N. Amer. Fl.		North American Flora
N. Amer. Sylv.		The North American sylvia
N. Amer. Trees		North American Trees
Nachtr. Vollst. Lex. Gärtn.		Nachtrag zum Vollständigen Lexicon der Gärtnerei und Botanik
Narr. Exped. Zaire		Narrative of an expedition to explore the river Zaire, usually called the Congo, in South Africa, in 1816
Nat. Appl. Sci. Bull. Univ. Philipp.		Natural and Applied Science Bulletin
Nat. Hist. Misc.		Natural History Miscellanea

Titre_abr	[Auteurs]	Titre
Nat. Pflanzenfam. [Engler & Prantl]	Engler & Prantl	<i>Die Natürlichen Pflanzenfamilien</i>
Nat. Pflanzenfam. [Engler & Prantl] Nachtr.	Engler & Prantl	<i>Die Natürlichen Pflanzenfamilien Nachträge</i>
Natl. Hort. Mag.		<i>National Horticultural Magazine</i>
Natuurk. Verh. Wet. Haarlem		<i>Natuurkundige verhandelingen van de Hollandsche Maatschappij der Wetenschappen te Haarlem</i>
Natuurw. Stud. Suriname & Curacao		<i>Uitgaven Natuurwetenschappelijke Studiekring voor Suriname en de Nederlandse Antillen</i>
Ned. Kruidk. Arch.		<i>Nederlandsch Kruidkundig Archief</i>
Neue Denkschr. Schw. Naturf. Ges.		<i>Neue Denkschriften der Allgemeinen Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften</i>
Neue Entdeck. Pflanzenk.		<i>Neue Entdeckungen im Ganzen Umfang der Pflanzenkunde</i>
Neue Schriften Ges. Naturf. Freunde Berlin		<i>Der Gesellschaft Naturforschender Freunde zu Berlin</i>
New Fl. [Rafinesque]	Rafinesque	<i>New Flora and Botany of North America</i>
Nomencl. Bot. [Dennstedt]	Dennstedt	<i>Nomenclator Botanicus</i>
Nomencl. Bot. [Raeusch.]	Raeuschel	<i>Nomenclator Botanicus</i>
Nomencl. Bot. [Steudel]	Steudel	<i>Nomenclator Botanicus</i>
Nordic J. Bot.		<i>Nordic Journal of Botany</i>
Not. Pl. Asiat.		<i>Notulae ad Plantas Asiaticas</i>
Notas Fl. Colombia		<i>Notas a la Flora de Colombia</i>
Notes Bot. Amaz.		<i>Notes of a Botanist on the Amazon &amp; Andes</i>
Notes Bot. Sapot.		<i>Notes botaniques. Sapotacées</i>
Notes Roy. Bot. Gard. Edinburgh		<i>Notes from the Royal Botanic Garden</i>
Notizbl. Bot. Gart. Berlin-Dahlem		<i>Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem</i>
Notizbl. Königl. Bot. Gart. Berlin		<i>Notizblatt des Königl. Botanischen Gartens und Museums zu Dahlem bei Steglitz (Berlin)</i>
Notul. Syst. (Paris)		<i>Notulae Systematicae</i>
Nouv. Ann. Mus. Hist. Nat.		<i>Nouvelles Annales du Muséum d'Histoire Naturelle</i>
Nouv. Bull. Sci. Soc. Philom. Paris		<i>Nouveau Bulletin des Sciences, publié par la Société Philomatique de Paris</i>
Nov. Gen. Sp. [H.B.K.]	Humboldt, Bonpland & Kunth	<i>Nova genera et species plantarum</i>
Nov. Gen. Sp. Pl. [Martius]	Martius	<i>Nova genera et species plantarum</i>
Nov. Gen. Sp. Pl. [Poeppig & Endlicher]	Poeppig & Endlicher	<i>Nova genera ac species plantarum</i>
Nov. Pl. Sp.		<i>Novae plantarum species praeserti Indiae Orientalis</i>
Nov. Stirp. Bras.		<i>Novarum stirpium : Brasiliensium decades</i>
Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.		<i>Nova Acta Academiae Caesareae Leopoldino-Carolinae Germanicae Naturae Curiosorum</i>
Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.		<i>Nova Acta Physico-medica Academiae Caesareae Leopoldino-Carolinae Naturae Curiosorum</i>
Nuevo Cat. Fl. Vasc. Venezuela		<i>Nuevo Catálogo de la Flora Vascular de Venezuela</i>
Numer. List		<i>A numerical list of dried specimens of plants, in the East India Company's Museum collected under the superintendence of Dr. Wallich of the Company's botanic garden at Calcutta</i>
Nuovi Ann. Sci. Nat.		<i>Nuovi annali delle scienze naturali</i>
Observ. Bot. [Jacquin]	Jacquin	<i>Observationum botanicarum</i>
Observ. Bot. [Swartz]	Swartz	<i>Observationes botanicae</i>
Observ. Bot. [Van Heurck]	Van Heurck	<i>Observationes botanicae</i>
Occas. Pap. Bernice Pauahi Bishop Mus.		<i>Occasional Papers of the Bernice Pauahi Bishop Museum of Polynesian Ethology and Natural History</i>
Opusc. Neotrop.		<i>Opuscula Neotropica</i>
Palm. Mattogross.		<i>Palmae Mattogrossenses</i>
Palmiers [Kerchove]	Kerchove	<i>Les palmiers</i>
Palms Amazon		<i>Palms of the Amazon</i>
Pflanzenr. [Engler]	Engler	<i>Das Pflanzenreich</i>
Pflanzenw. Ost-Afrikas		<i>Die Pflanzenwelt Ost-Afrikas</i>
Pharm. J. Trans.		<i>The Pharmaceutical Journal and Transactions</i>
Physis (Buenos Aires)		<i>Physis : Revista de la Sociedad Argentina de Ciencias Naturales</i>
Piperac. N. South Amer.		<i>The Piperaceae of Northern South America</i>
Pl. Aequinoct.		<i>Plantae Aequinoctiales</i>
Pl. Bequaert.		<i>Plantae Bequaertianae</i>
Pl. Bras.		<i>Plantarum Brasiliensium</i>
Pl. Bras. Icon. Descr.		<i>Plantarum Brasiliae icones et descriptiones hactenus ineditae</i>
Pl. Columb. [Linden]	Linden	<i>Plantae Columbianae</i>
Pl. Guian. [Rudge]	Rudge	<i>Plantarum Guianae rariorum icones et descriptiones</i>
Pl. Hartw. [Bentham]	Bentham	<i>Plantas Hartwegianas</i>
Pl. Jard. Rio de Janeiro		<i>Plantas novas cultivadas no Jardim Botânico do Rio de Janeiro</i>
Pl. Jav. Rar. [Bennett]	Bennett	<i>Plantae Javanicae Rariores</i>
Pl. Nam.		<i>Plant names</i>

## Appendix 5. — Continuation.

Titre_abr	[Auteurs]	Titre
<i>Pl. Nouv. Amér.</i>		<i>Plantes nouvelles d'Amérique</i>
<i>Pl. Nouv. Découv.</i>		<i>Plantes nouvellement découvertes récemment dénommées et classées</i>
<i>Pl. Nov. Hisp.</i>		<i>Plantae Novae Hispaniae</i>
<i>Pl. Rar. Hort. Schoenbr.</i>		<i>Plantarum rariorum horti caesarei Schoenbrunnensis descriptiones et icones</i>
<i>Pl. Surin.</i>		<i>Plantæ Surinamenses</i>
<i>Pl. Syst. Evol.</i>		<i>Plant Systematics and Evolution</i>
<i>Pl. Usuel. Bras.</i>		<i>Plantes usuelles des Brasiiliens</i>
<i>Pl. Util. Col. Franç.</i>		<i>Les plantes utiles des colonies françaises</i>
<i>Pl. Wright. [Grisebach]</i>	Grisebach	<i>Plantae Wrightianae e Cuba orientali</i>
<i>Polygon. Guttif. Lecythid. Surinam</i>		<i>The Polygonaceae, Guttiferae and Lecythidaceae of Surinam</i>
<i>Pomona Coll. J. Econ. Bot.</i>		<i>Pomona College Journal of Economic Botany and Subtropical Horticulture</i>
<i>Prim. Fl. Esseq.</i>		<i>Primitiae Florae Essequiboensis</i>
<i>P. ir. Rostlin</i>		<i>O P. irozenosti Rostlin</i>
<i>Proc. Amer. Acad. Arts</i>		<i>Proceedings of the American Academy of Arts and Sciences</i>
<i>Proc. Biol. Soc. Washington</i>		<i>Proceedings of the Biological Society of Washington</i>
<i>Proc. Calif. Acad. Sci.</i>		<i>Proceedings of the California Academy of Sciences</i>
<i>Proc. Kon. Ned. Akad. Wetensch. C</i>		<i>Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen</i>
<i>Proc. Linn. Soc. New South Wales</i>		<i>Proceedings of the Linnean Society of New South Wales</i>
<i>Proc. Roy. Hort. Soc. London</i>		<i>Proceedings of the Royal Horticultural Society of London</i>
<i>Proc. Roy. Soc. Queensland</i>		<i>Proceedings of the Royal Society of Queensland</i>
<i>Prodr. [A. P. de Candolle]</i>	Candolle	<i>Prodromus systematis naturalis regni vegetabilis</i>
<i>Prodr. [Swartz]</i>	Swartz	<i>Prodromus descriptionum vegetabilium</i>
<i>Prodr. Fl. Ind. Orient.</i>		<i>Prodromus florum peninsulae Indiae Orientalis</i>
<i>Prodr. Fl. Nov. Holland.</i>		<i>Prodromus florum Novae Hollandiae</i>
<i>Prodr. Monogr. Hypéric.</i>		<i>Prodromus d'une monographie de la famille des Hypéricinées</i>
<i>Prodr. Pl. Ind. Occid. [Hamilton]</i>	Hamilton	<i>Prodromus plantarum Indiae Occidentalis</i>
<i>Prodr. Stirp. Chap. Allerton</i>		<i>Prodromus stirpium in horto ad Chapel Allerton vigentium</i>
<i>Prot.-App. Enum. Palm. Nov.</i>		<i>Protesto Appendice ad Enumeratio Palmarum Novarum</i>
<i>Publ. Avulsas Mus. Paraense Emílio Goeldi</i>		<i>Publicações Avulsas do Museu Goeldi</i>
<i>Publ. Carnegie Inst. Wash.</i>		<i>Publications of the Carnegie Institution of Washington</i>
<i>Publ. Field Mus. Nat. Hist., Bot. Ser.</i>		<i>Publications of the Field Museum of Natural History, Botanical Series</i>
<i>Publ. Inst. Nac. Pesq. Amaz., Bot.</i>		<i>Publicações Instituto Nacional de Pesquisas de Amazônia Botânica</i>
<i>Pug. Pl. Amer. Centr.</i>		<i>Pugillus plantarum novarum Americae Centralis et Meridionalis</i>
<i>Rain Forests Golfo Dulce</i>		<i>The Rain Forests of Golfo Dulce</i>
<i>Recueil Trav. Bot. Néerl.</i>		<i>Recueil des Travaux Botaniques Néerlandais</i>
<i>Reis. Br.-Guiana [Ri. Schomburgk]</i>	Schomburgk	<i>Reisen in British-Guiana in den Jahren 1840-1844</i>
<i>Reise Bras. [Spix &amp; Mart.]</i>	Spix & Martius	<i>Reise in Brasilien</i>
<i>Rep. (Annual) Missouri Bot. Gard.</i>		<i>Annual Report of the Missouri Botanical Garden</i>
<i>Repert. Bot. Syst. [Walpers]</i>	Walpers	<i>Repertorium botanices systematicae</i>
<i>Repert. Pharm. [J.A. Buchner]</i>	Buchner	<i>Repertorium für die Pharmacie</i>
<i>Repert. Spec. Nov. Regni Veg.</i>		<i>Repertorium specierum novarum regni vegetabilis</i>
<i>Repert. Spec. Nov. Regni Veg. Beih.</i>		<i>Repertorium specierum novarum regni vegetabilis, Beihefte</i>
<i>Rev. Anacard.</i>		<i>Révision du groupe des Anacardiacees</i>
<i>Rev. Bot. Appl. Agric. Colon.</i>		<i>Revue de botanique appliquée et d'agriculture coloniale</i>
<i>Rev. Bot. Appl. Agric. Trop.</i>		<i>Revue de botanique appliquée et d'agriculture tropicale</i>
<i>Rev. Engenh.</i>		<i>Revista Engenharia</i>
<i>Rev. Hort. (Paris)</i>		<i>Revue Horticole - Journal d'horticulture pratique</i>
<i>Revis. Gen. Pl.</i>		<i>Revisio generum plantarum</i>
<i>Revis. Tabernaemontana</i>		<i>A Revision of Tabernaemontana</i>
<i>Revista Acad. Colomb. Ci. Exact.</i>		<i>Revista de la Academia Colombiana de Ciencias Exactas</i>
<i>Revista Argent. Agron.</i>		<i>Revista Argentina de Agronomía</i>
<i>Revista Argent. Bot.</i>		<i>Revista Argentina de Botánica</i>
<i>Revista Brasil. Biol.</i>		<i>Revista Brasileira de Biologia</i>
<i>Revista Braz.</i>		<i>Revista Brasileira</i>
<i>Revista Fac. Agron. (Maracay)</i>		<i>Revista de la Facultad de Agronomía</i>
<i>Revista Inst. Parag.</i>		<i>Revista del Instituto Paraguayo</i>
<i>Revista Soc. Cub. Bot.</i>		<i>Revista de la Sociedad Cubana de Botánica</i>
<i>Revista Sudamer. Bot.</i>		<i>Revista Sudamericana de Botánica</i>
<i>Rutac.</i>		<i>Rutaceae, fragmenta botanica</i>
<i>Sci. Surv. Porto Rico &amp; Virgin Islands</i>		<i>Scientific Survey of Porto Rico and the Virgin Islands</i>
<i>Seg. Contr. Conoc. Arbol. Argent.</i>		<i>Segunda contribución al conocimiento de los árboles de la Argentina</i>
<i>Select. Stirp. Amer. Hist.</i>		<i>Selectarum stirpium americanarum historia</i>
<i>Sert. Palm. Brasil.</i>		<i>Sertum Palmarum Brasiliensium</i>
<i>Sitzungsber. Ges. Naturf. Freunde Berlin</i>		<i>Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin</i>
<i>Sitzungsber. Math.-Phys. Cl. Königl. Bayer.</i>		<i>Sitzungsberichte der Mathematisch-Physikalischen Classe (Klasse) der K. B.</i>
<i>Akad. Wiss. München</i>		<i>Akademie der Wissenschaften zu München</i>
<i>Skr. Naturhist.-Selsk.</i>		<i>Skrivter af Naturhistorie-Selskabet</i>
<i>Smithsonian Contr. Bot.</i>		<i>Smithsonian Contributions to Botany</i>
<i>Smithsonian Misc. Collect.</i>		<i>Smithsonian Miscellaneous Collections</i>

Titre_abr	[Auteurs]	Titre
<i>Solan. Syn.</i>		<i>Solanorum generumque affinium synopsis</i>
<i>Sp. Pl.</i>		<i>Species Plantarum</i>
<i>Sp. Pl., ed. 4 [Willdenow]</i>	Willdenow	<i>Species Plantarum, edition 4</i>
<i>Stand. Cycl. Hort.</i>		<i>The Standard Cyclopedia of Horticulture</i>
<i>Stirp. Surinam. Select.</i>		<i>Stirpes Surinamenses selectae</i>
<i>Suppl. Carp.</i>		<i>Supplementum carpologiae</i>
<i>Suppl. Hort. Bot. Hafn.</i>		<i>Supplementum horti botanici Hafniensis</i>
<i>Suppl. Pl.</i>		<i>Supplementum Plantarum</i>
<i>Surinam Exsic. [Weigelt]</i>	Weigelt	<i>Surinam exsiccatae</i>
<i>Sylva Tellur.</i>		<i>Sylva Telluriana</i>
<i>Symb. Antill. [Urban]</i>	Urban	<i>Symbolae Antillanae seu fundamenta florae Indiae occidentalis</i>
<i>Symb. Bot. [C. Presl]</i>	Presl	<i>Symbolae botanicae</i>
<i>Symb. Bot. [Vahl]</i>	Vahl	<i>Symbolae botanicae</i>
<i>Symb. Fl. Argent.</i>		<i>Symbolae ad floram Argentinae</i>
<i>Syn. Pl. [D. Dietrich]</i>	Dietrich	<i>Synopsis plantarum</i>
<i>Syn. Pl. [Persoon]</i>	Persoon	<i>Synopsis plantarum</i>
<i>Syn. Queensl. Fl.</i>		<i>A synopsis of the Queensland flora</i>
<i>Syst. Bot.</i>		<i>Systematic Botany</i>
<i>Syst. Geogr. Pl.</i>		<i>Systematics and Geography of Plants</i>
<i>Syst. Laur.</i>		<i>Systema Laurinarum</i>
<i>Syst. Mat. Med. Veg. Bras.</i>		<i>Systema materiae medicae vegetabilis Brasiliensis</i>
<i>Syst. Nat. [A. P. de Candolle]</i>	Candolle	<i>Regni vegetabilis systema naturale</i>
<i>Syst. Piperac. [F.A.W. Miquel]</i>	Miquel	<i>Systema Piperacearum</i>
<i>Syst. Veg. [Roemer &amp; Schultes]</i>	Roemer & Schultes	<i>Systema vegetabilium</i>
<i>Syst. Veg. [Sprengel]</i>	Sprengel	<i>Systema vegetabilium</i>
<i>Syst. Veg. Fl. Peruv. Chil.</i>		<i>Systema vegetabilium florae Peruvianae et Chilensis</i>
<i>Tabl. École Bot.</i>		<i>Tableau de l'École de Botanique du Jardin du Roi</i>
<i>Tabl. Encycl.</i>		<i>Tableau Encyclopédique et Méthodique des trois Règnes de la Nature</i>
<i>Tent. Suppl.</i>		<i>Tentamen supplementi ad systematis vegetabilium</i>
<i>Third Conf. Interamer. Agric. Caracas</i>		<i>Third Inter-american Conference on Agriculture Caracas</i>
<i>Tijdschr. Nat. Geschied. Physiol.</i>		<i>Tijdschrift voor natuurlijke geschiedenis en physiologie</i>
<i>Trab. Comm. Sci. Expl., Bot., Rio de Janeiro</i>		<i>Trabalhos da Comissão Científica de Exploração</i>
<i>Trab. Mus. Comercial Venezuela</i>		<i>Trabajos del Museo Comercial de Venezuela</i>
<i>Trab. Mus. Nac. Ci. Nat., Ser. Bot.</i>		<i>Trabajos del Museo Nacional de Ciencias Naturales y Jardín Botánico, Serie Botánica</i>
<i>Trab. Soc. Vellos.</i>		<i>Trabalhos da Sociedade Vellosiana</i>
<i>Traité Arbr. Arbust.</i>		<i>Traité des arbres et arbustes que l'on cultive en France</i>
<i>Traité Bot. Méd. Phan.</i>		<i>Traité de botanique médicale phanérogamique</i>
<i>Trans. &amp; Proc. Bot. Soc. Edinburgh</i>		<i>Transactions and Proceedings of the Botanical Society of Edinburgh</i>
<i>Trans. Cambridge Philos. Soc.</i>		<i>Transactions of the Cambridge Philosophical Society</i>
<i>Trans. Hort. Soc. London</i>		<i>Transactions of the Horticultural Society of London</i>
<i>Trans. Linn. Soc. London</i>		<i>Transactions of the Linnean Society of London</i>
<i>Trans. Linn. Soc. London, Bot.</i>		<i>Transactions of the Linnean Society of London, 2nd series: Botany</i>
<i>Trans. Soc. London Encour. Arts</i>		<i>Transations of the Society (London) for the Encouragement of Arts</i>
<i>Trat. Elem. Bot.</i>		<i>Tratado elemental de botánica</i>
<i>Trav. Brazil [H. Koster]</i>	Koster	<i>Travels in Brazil</i>
<i>Trop. Woods</i>		<i>Tropical Woods</i>
<i>U.S.D.A. Div. Bot. Bull.</i>		<i>U.S. Department of Agriculture. Division of Botany Bulletin</i>
<i>Uebersicht Theobroma</i>		<i>Übersicht der bis jetzt bekannten Arten von Theobroma</i>
<i>Univ. Calif. Publ. Bot.</i>		<i>University of California Publications in Botany</i>
<i>Veg. Kingd.</i>		<i>The Vegetable Kingdom</i>
<i>Vég. Ut. Afr. Trop. Franç.</i>		<i>Les végétaux utiles de l'Afrique tropicale française</i>
<i>Vegetationsbilder [G. Karsten &amp; H. Schenck]</i>	Karsten & Schenck	<i>Vegetationsbilder</i>
<i>Verh. Batav. Genootsch. Kunst.</i>		<i>Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen</i>
<i>Verh. Bot. Vereins Prov. Brandenburg</i>		<i>Verhandlungen des Botanischen Vereins für die Provinz Brandenburg</i>
<i>Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk.</i>		<i>Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen</i>
<i>Verslagen Meded. Afd. Natuurk. Kon. Akad. Wetensch.</i>		<i>Verslagen en Mededeelingen van de Afdeling Natuurkunde</i>
<i>Verz. Landwirtsch. Gartn. Kulturpfl.</i>		<i>Verzeichnis Landwirtschaftlicher und Gärtnerischer Kulturpflanzen</i>
<i>Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn</i>		<i>Videnskabelige meddelelser fra den Naturhistoriske forening i Kjøbenhavn</i>
<i>Voy. Amér. Mér.</i>		<i>Voyage dans l'Amérique Méridionale</i>
<i>Voy. Uranie, Bot.</i>		<i>Voyage autour du monde</i>
<i>Wiss. Erg. Deut. Zentr.-Afr. Exped., Bot.</i>		<i>Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908</i>

## Appendix 5. — Continuation.

<b>Titre_abr</b>	<b>[Auteurs]</b>	<b>Titre</b>
<i>Wiss. Z. Friedrich-Schiller-Univ. Jena, Math.- Naturwiss. Reihe (Beitr. Phytotax., 6)</i>		<i>Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena</i>
<i>World Checkl. &amp; Bibliogr. Araliaceae</i>		<i>World Checklist and Bibliography of Araliaceae</i>



APPENDIX 6. — List of the 143 unnamed species/Liste des 143 espèces non nommées.

<i>Abarema</i> sp. A.....	[737]	<i>Helicostylis</i> sp. A.....	[1186]
<i>Aniba</i> sp. A.....	[587]	<i>Hymenaea</i> sp. A.....	[807]
<i>Aniba</i> sp. B.....	[588]	<i>Ilex</i> sp. A.....	[135]
<i>Aniba</i> sp. C.....	[589]	<i>Ilex</i> sp. B.....	[136]
<i>Apeiba</i> sp. A.....	[1003]	<i>Inga</i> sp. A.....	[868]
<i>Aspidosperma</i> sp. A.....	[105]	<i>Inga</i> sp. B.....	[869]
<i>Bixa</i> sp. A.....	[172]	<i>Inga</i> sp. C.....	[870]
<i>Calliandra</i> sp. A.....	[756]	<i>Inga</i> sp. D.....	[871]
<i>Caraipa</i> sp. A.....	[229]	<i>Lauraceae</i> sp. A.....	[674]
<i>Caraipa</i> sp. B.....	[230]	<i>Lauraceae</i> sp. B.....	[675]
<i>Casearia</i> sp. A.....	[1542]	<i>Lauraceae</i> sp. C.....	[676]
<i>Casearia</i> sp. B.....	[1543]	<i>Lauraceae</i> sp. D.....	[677]
<i>Casearia</i> sp. C.....	[1544]	<i>Lauraceae</i> sp. E.....	[678]
<i>Casearia</i> sp. D.....	[1545]	<i>Lauraceae</i> sp. F.....	[679]
<i>Catostemma</i> sp. A.....	[1007]	<i>Lauraceae</i> sp. G.....	[680]
<i>Chaetocarpus</i> sp. A.....	[1382]	<i>Lauraceae</i> sp. H.....	[681]
<i>Chrysophyllum</i> sp. A.....	[1609]	<i>Lauraceae</i> sp. I.....	[682]
<i>Chrysophyllum</i> sp. B.....	[1610]	<i>Lauraceae</i> sp. J.....	[683]
<i>Chrysophyllum</i> sp. C.....	[1611]	<i>Licania</i> sp. A.....	[348]
<i>Chrysophyllum</i> sp. D.....	[1612]	<i>Licania</i> sp. B.....	[349]
<i>Chrysophyllum</i> sp. E.....	[1613]	<i>Licania</i> sp. C.....	[350]
<i>Chrysophyllum</i> sp. F.....	[1614]	<i>Maquira</i> sp. A.....	[1190]
<i>Copaifera</i> sp. A.....	[767]	<i>Maytenus</i> sp. A.....	[251]
<i>Couepia</i> sp. A.....	[275]	<i>Maytenus</i> sp. B.....	[252]
<i>Croton</i> sp. A.....	[511]	<i>Meliosma</i> sp. A.....	[1524]
<i>Cybianthus</i> sp. A.....	[1416]	<i>Micropholis</i> sp. A.....	[1638]
<i>Dacryodes</i> sp. A.....	[180]	<i>Moquilea</i> sp. A.....	[353]
<i>Diospyros</i> sp. A.....	[448]	<i>Myrcia</i> sp. A.....	[1312]
<i>Elaeoluma</i> sp. A.....	[1620]	<i>Myrcia</i> sp. B.....	[1313]
<i>Endlicheria</i> sp. A.....	[601]	<i>Myrtaceae</i> sp. A.....	[1320]
<i>Enterolobium</i> sp. A.....	[795]	<i>Myrtaceae</i> sp. B.....	[1321]
<i>Eriotheca</i> sp. A.....	[1013]	<i>Myrtaceae</i> sp. C.....	[1322]
<i>Eschweilera</i> sp. A.....	[713]	<i>Nectandra</i> sp. A.....	[622]
<i>Eschweilera</i> sp. B.....	[714]	<i>Neea</i> sp. A.....	[1332]
<i>Eugenia</i> sp. A.....	[1259]	<i>Neea</i> sp. B.....	[1333]
<i>Eugenia</i> sp. B.....	[1260]	<i>Neea</i> sp. C.....	[1334]
<i>Eugenia</i> sp. C.....	[1261]	<i>Nyctaginaceae</i> sp. A.....	[1335]
<i>Eugenia</i> sp. D.....	[1262]	<i>Nyctaginaceae</i> sp. B.....	[1336]
<i>Eugenia</i> sp. E.....	[1263]	<i>Nyctaginaceae</i> sp. C.....	[1337]
<i>Eugenia</i> sp. F.....	[1264]	<i>Nyctaginaceae</i> sp. D.....	[1338]
<i>Eugenia</i> sp. G.....	[1265]	<i>Ocotea</i> sp. A.....	[653]
<i>Eugenia</i> sp. H.....	[1266]	<i>Ocotea</i> sp. B.....	[654]
<i>Eugenia</i> sp. I.....	[1267]	<i>Ocotea</i> sp. C.....	[655]
<i>Eugenia</i> sp. J.....	[1268]	<i>Ocotea</i> sp. D.....	[656]
<i>Eugenia</i> sp. K.....	[1269]	<i>Ocotea</i> sp. E.....	[657]
<i>Eugenia</i> sp. L.....	[1270]	<i>Ocotea</i> sp. F.....	[658]
<i>Eugenia</i> sp. M.....	[1271]	<i>Ocotea</i> sp. G.....	[659]
<i>Eugenia</i> sp. N.....	[1272]	<i>Ocotea</i> sp. H.....	[660]
<i>Eugenia</i> sp. O.....	[1273]	<i>Ocotea</i> sp. I.....	[661]
<i>Eugenia</i> sp. P.....	[1274]	<i>Ocotea</i> sp. J.....	[662]
<i>Eugenia</i> sp. Q.....	[1275]	<i>Ormosia</i> sp. A.....	[899]
<i>Eugenia</i> sp. R.....	[1276]	<i>Ormosia</i> sp. B.....	[900]
<i>Faramea</i> sp. A.....	[1466]	<i>Ormosia</i> sp. C.....	[901]
<i>Ferdinandusa</i> sp. A.....	[1469]	<i>Parinari</i> sp. A.....	[359]
<i>Guapira</i> sp. A.....	[1326]	<i>Parkia</i> sp. A.....	[917]

## Appendix 6. — Continuation.

<i>Peltogyne</i> sp. A.....	[921]	<i>Raputia</i> sp. A.....	[1513]
<i>Persea</i> sp. A.....	[664]	<i>Ruptiliocarpon</i> sp. A.....	[981]
<i>Poulsenia</i> sp. A.....	[1194]	<i>Sloanea</i> sp. A.....	[475]
<i>Pourouma</i> sp. A.....	[1759]	<i>Sloanea</i> sp. B.....	[476]
<i>Pourouma</i> sp. B.....	[1760]	<i>Sloanea</i> sp. C.....	[477]
<i>Pouteria</i> sp. A.....	[1691]	<i>Sloanea</i> sp. D.....	[478]
<i>Pouteria</i> sp. A.....	[1705]	<i>Sloanea</i> sp. E.....	[479]
<i>Pouteria</i> sp. B.....	[1692]	<i>Sloanea</i> sp. F.....	[480]
<i>Pouteria</i> sp. C.....	[1693]	<i>Sloanea</i> sp. G.....	[481]
<i>Pouteria</i> sp. D.....	[1694]	<i>Sloanea</i> sp. H.....	[482]
<i>Pouteria</i> sp. E.....	[1695]	<i>Stryphnodendron</i> sp. A.....	[940]
<i>Pouteria</i> sp. F.....	[1696]	<i>Symphonia</i> sp. A.....	[381]
<i>Pouteria</i> sp. G.....	[1697]	<i>Tachigali</i> sp. A.....	[966]
<i>Pouteria</i> sp. H.....	[1698]	<i>Taralea</i> sp. A.....	[968]
<i>Pouteria</i> sp. I.....	[1699]	<i>Tovomita</i> sp. A.....	[397]
<i>Pseudoxandra</i> sp. A.....	[75]	<i>Trichilia</i> sp. A.....	[1140]
<i>Quiina</i> sp. A.....	[1365]		