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► **To cite this version:**

Ann B. Cooper, J.J. Lauvergne, G.L. Malynicz, A.R. Quartermain. Pig husbandry in Papua New Guinea A bibliography 1863-1979. *Annales de génétique et de sélection animale*, 1981, 13 (3), pp.301-330. <hal-00893354>

HAL Id: hal-00893354

<https://hal.science/hal-00893354v1>

Submitted on 11 May 2020

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Revue

Pig husbandry in Papua New Guinea A bibliography 1863-1979

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Summary

A chronological list (beginning in 1863) and containing 267 references from 164 authors devoted to pig husbandry in Papua New Guinea is presented. Books and articles written by 142 authors and concerning over 45 different populations are mentioned. This is definitely not an exhaustive bibliography but it does review a dramatic increase in publications on this subject since the 1950's, and mainly in the 1970's due on the one hand to the opening of the Highlands and on the other to the recent development of zootechnical and ethnographic interests in this area.

1. - Introduction

The domesticated pig has been associated with traditional agriculture in Papua New Guinea (1) for probably as long as 5 000 years. In recent times, new systems of pig husbandry have become prominent with increasing commercialisation and the introduction of exotic breeding stock. The pig is likely to retain its vital role in rural society and to increase in economic importance with continuing rural development.

This paper is a first attempt to provide a comprehensive bibliography for the use of research workers, students and technical officers involved in pig husbandry development.

(1) See map in fig. 1.



FIG. 1

Papua New Guinea
Papouasie - Nouvelle Guinée

2. - Material and methods

A. - Sources

Various sources have been used :

1) The bibliographies provided by authors such as HAYS (1976) and other anthropologists who have worked in Papua New Guinea.

2) Classified abstracts in : *Animal Breeding Abstracts*, *Bulletin Signalétique du C.N.R.S.*, *Abstracts in Anthropology*, etc.

3) Articles in journals such as : *American Anthropologist*, *Ethnology*, *Journal de la Société des Océanistes*, *Mankind*, *Oceania*, *Southwestern Journal of Anthropology*.

4) Card catalogues and collections in libraries of the following institutions : *Collège de France* (Paris), *Laboratoire d'Ethnobotanique et d'Ethnozoologie* du

Muséum d'Histoire Naturelle (Paris), *Muséum d'Histoire Naturelle* (Bibliothèque Centrale), *Musée de l'Homme* (Paris), *Maison des Sciences de l'Homme* (Paris), *Centre National de Recherches Zootechniques*, I.N.R.A. (Jouy-en-Josas), *Department of Primary Industry*, Papua New Guinea, *Papua New Guinea University of Technology*, Lac.

5) Bibliographic basis on line : *Lockeed* (California), Animal Breeding listings and I.A.E.A. (Vienna, Austria) covering years from 1975 to 1980.

B. - *Verification of articles*

The articles and books available were consulted. Other bibliographic information was obtained from abstracts or simply from authors' references.

C. - *Presentation*

Complete (or sometimes incomplete) references have been organised and numbered chronologically. Indexes according to authors, subjects and peoples are presented.

3. - **Chronological bibliographic list**

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5. - Discussion and conclusion

First of all it must be noted that undoubtedly a number of pertinent references have been omitted simply because many journals, books and other useful documents are not always available in France, where the main bibliographic research work was conducted.

In fig. 2 is presented the average annual number of articles devoted to pigs in Papua New-Guinea since 1900.

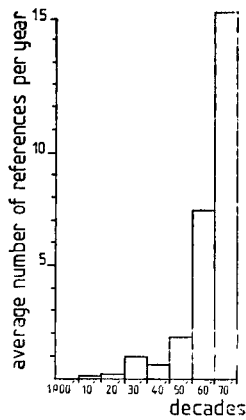


FIG. 2

Per year average number of references in the decades since 1900

Nombre moyen annuel de références par décades depuis 1900

Even considering the inevitable omissions there has been a tremendous increase in the number of publications in the last few decades (90 per cent of all the articles of the review have been published since 1950). This is an *a posteriori* justification for the present bibliography.

The earlier references are mostly accounts written by travellers explorers and naturalists, together with several ethnographic studies concerning coastal and lowland populations. The sudden increase in the number of ethnological publications from the 1950's reflects the post war opening of the Highlands. The development of interest in pig research by the then *Department of Agriculture, Stock and Fisheries* in the sixties resulted in a new wave of specialised zootechnical articles.

Reçu pour publication en juillet 1981.

Acknowledgements

This article is the first part of cooperative program France - Papua New-Guinea which is supported by the French Ministry of External Relations, the Department of Primary Industry of Papua New-Guinea and the staff of the University of Papua New-Guinea.

Résumé

L'élevage du Porc en Papouasie Nouvelle-Guinée : une bibliographie - 1863-1979

Une liste bibliographique de 267 références concernant l'élevage du Porc en Papouasie Nouvelle-Guinée a été établie. La plus ancienne référence remonte à 1863. Ces livres et articles ont été écrits par 164 auteurs différents et portent sur plus de 45 peuplades. La liste ainsi établie comporte certainement des omissions mais on distingue déjà très nettement un accroissement considérable du nombre des articles depuis les années cinquante et surtout soixante-dix. Cela est dû d'une part à l'ouverture des Highlands à la pénétration de la civilisation occidentale, et d'autre part à l'intérêt zootechnique et ethnographique porté à cette zone qui va croissant.

Abbreviations

- A.N.U. : Australian National University (Canberra).
 C.N.R.Z. : Centre National de Recherches Zootechniques (Jouy-en-Josas, France).
 D.A.S.F. : Dept of Agriculture Stock and Fisheries (previous name for D.P.I.).
 D.P.I. : Dept of Primary Industry (of P.N.G.).
 FA.O. : Food and Agriculture Organisation (Rome).
 I.A.E.A. : International Atomic Energy Agency (Vienna).
 I.N.R.A. : Institut National de la Recherche Agronomique (France).
 N.G. : New-Guinea.
 O.I.E. : Office International des Epizooties.
 P.N.G. : Papua New-Guinea.
 UNITECH : University of Technology (Lae, P.N.G.).
 U.P.N.G. : University of Papua New-Guinea (Port Moresby, P.N.G.).
 W.H.O. : World Health Organisation.