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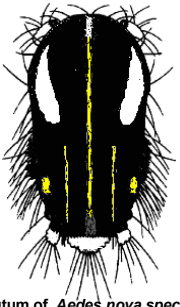


A new species of *Aedes* (*Stegomyia*) from Mayotte, French over-sea Department in the Indian Ocean

Le Goff G., Hernandez J., Zumbo B., Robert V.



A new mosquito species of *Aedes* of the subgenus *Stegomyia* has been recently discovered in Mayotte. This finding occurred during a comprehensive inventory of the mosquito species in this island of the Comoros archipelago.



Scutum of *Aedes nova* specie



Comparison with the three others species of *Stegomyia* in Mayotte



Aedes n.sp.



Aedes aegypti



Aedes albopictus



Aedes simpsoni
gr.

Comparison with the larval stage of *Aedes aegypti*

Larvae of *Aedes n.sp.*



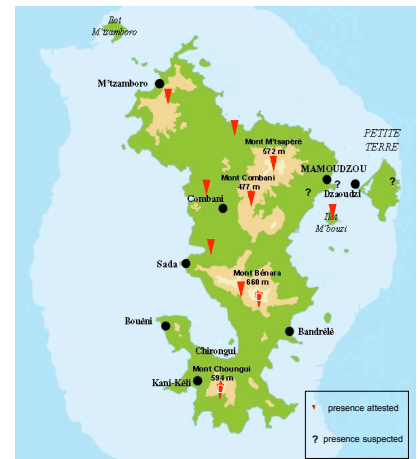
Thorax hairy with stellate setae large
Setae 1-X: more than 2 branches [3-7] Comb of abdominal segment VIII

Larvae of *Aedes aegypti*



Thorax usually poor hairy
Setae 1-X: 1 or 2 branches Comb of abdominal segment VIII

Distribution of breeding places positive for *Aedes n. sp.*



Characterisation of the breeding sites of *Aedes n. sp.* : natural breeding sites only



Concluding remarks

This new species belongs to the *Stegomyia* subgenus, in which exist remarkable vectors of yellow fever, dengue, chikungunya, etc.

The bio-ecology and epidemiological importance of this *Aedes n. sp.* remain to be established.

This species is now considered as endemic of Mayotte. But the presence of this species in the other Islands of the Comoros archipelago is questioned.

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