

Second contribution to the knowledge of Dermestidae (Coleoptera) from Réunion

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The following species are being recorded from Réunion for the first time: *Anthrenus (Nathrenus) verbasci* (Linnaeus, 1767), *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838).

Key words: faunistics, new records, Coleoptera, Dermestidae, Réunion

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INTRODUCTION

The family Dermestidae from Réunion published by Gomy (2000) and Háva (2006). The present second contribution summarized five species collected by French entomologist in the years 1999-2006.

MATERIAL

Moreover, following abbreviations refer to the collection, in which the examined material was deposited:

JHAC Private Entomological Laboratory and Collection, Praha-západ, Czech Republic;

JPPC private collection, Jacques Poussereau, Dax, France.

RESULTS

Subfamily Attageninae
Tribe Attagenini

Attagenus (Aethriostoma) madecassus (Pic, 1916)

Material examined: Réunion: Le Port, obtenu par élevage, 29.12.1999, 4 spec., J. Háva det., (3 JPPC, 1 JHAC).

Distribution. Species known from Madagascar and Réunion (Háva, 2006).

Subfamily Dermestinae

Tribe Dermestini

***Dermestes (Dermestinus) maculatus* DeGeer, 1774**

Material examined: Réunion: Le Tampon, 600 m, sous un cadavre de tangué (*Tenrec echaudatus*, Schreber, 1777), 20.11.1999, 8 spec., J. Háva det., (JPPC); Le Tampon, 800 m, dans un composteur, 26.02.2003, 1 spec., J. Háva det., (JPPC); Le Tampon, 800 m, sous un cadavre de poulet, 19.11.2000, 2 spec., J. Háva det., (JPPC); Le Tampon, 800 m, sous un cadavre de chat, 11.12.2002, 2 spec., J. Háva det., (JPPC).

Distribution. Cosmopolitan species, from Réunion mentioned by Háva (2006).

Subfamily Megatominae

Tribe Anthrenini

***Anthrenus (Nathrenus) verbasci* (Linnaeus, 1767)**

Material examined: Réunion: Le Tampon, 800 m, intérieur de maison (cuisine), 24.04.2003, 1 spec., J. Háva det., (JPPC).

Distribution. Cosmopolitan species, new for Réunion.

Tribe Megatomini

***Orphinus (Orphinus) binotatus* Pic, 1937**

Material examined: Réunion: Manapany, le kiosque, à la lumière, 27.12.2005, 3 spec., J. Háva det., (2 JPPC, 1 JHAC); Grande-Anse, sous des feuilles de choka (*Aloe vera* var. *barbadensis* Miller) (Liliacés), 17.01.2006, 1 spec., J. Háva det., (JPPC); rive de Grand Etang, à la lumière, 26.02.2004, 1 spec., J. Háva det., (JPPC); St Joseph, piton Babet, Maison Jean-Jacques, Elevage dans un tronc de palmier, 16.01.2004, 1 spec., J. Háva det., (JPPC).

Distribution. Species known from Madagascar, Réunion and Tanzania: Zanzibar (Háva, 2006).

***Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838)**

Material examined: Réunion: Le Tampon, 600 m, au vol, 5.11.2001, 1 female, J. Háva det., (JPPC).

Distribution. Cosmopolitan species, new for Réunion.

KEY TO SPECIES OF DERMESTIDAE KNOWN FROM RÉUNION

(supplemented version of published key by Háva, 2006)

- 1(4) median ocellus on front absent
 - 2(3) abdomen covered by white and black pubescence; apical part of each elytron with spines; pronotum covered by white pubescence laterally, other part with black (brown) pubescence
.....*Dermestes (Dermestinus) maculatus* DeGeer, 1774
 - 3(2) abdomen covered by unicolorous yellow (or grey) pubescence; apical part of each elytron without spines; pronotum covered by unicolorous pubescence.....
.....*Dermestes (Dermestes) ater* DeGeer 1774
- 4(1) median ocellus on front present
 - 5(6) elytra covered by scales, antennae 11-segmented
.....*Anthrenus (Nathrenus) verbasci* (Linnaeus, 1767)
 - 6(5) elytra covered by pubescence
 - 7(10) prosternum not forming a “collar”, therefore mouthparts free
 - 8(9) each elytron brown to black, with one transverse orange-reddish fascia in anterior half; disc of metasternum nearly twice as long as wide
..... *Attagenus (Attagenus) fasciatus* (Thunberg, 1795)

9(8) each elytron brown, covered by long, yellow pubescence, with more small spots, with white pubescence; disc of metasternum nearly twice as wide as long
...*Attagenus (Aethriostoma) madecassus* Pic, 1916

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10(7) prosternum forming a “collar” under which mouthparts fit when head is retracted

11(12) pronotum with strong raised ridge near side margin in basal half; body unicolorous, very small, with very long setation; antennal club with two segments, terminal segment narrow and long
.....*Evorinea iota* Arrow, 1915

12(11) pronotum without strong raised ridge near side margin in basal half

13(14) elytra unicolorously brown or light black
.....*Orphinus (Orphinus) fulvipes* Guérin-Méneville, 1838

14(13) elytra bicolorous

15(16) each elytron with orange-red fasciae; antennal club 3- segmented, terminal segment very large and flat and circular
.....*Orphinus (Orphinus) binotatus* Pic, 1937

16(15) elytral cuticle unicolorous; antennal club 5- or 4- segmented
.....*Trogoderma granarium* Everts, 1898

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