

NOTA / NOTE

Contribution to the knowledge of the *Dermestes maculatus* species group (Coleoptera: Dermestidae) from Madagascar.

Jiří Háva

¹ Department of Forest Protection and GM, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences
Kamýcká 1176, CZ-165 21, Prague 6 - Suchbát, Czech Republic.
e-mail: jh.dermestidae@volny.cz

Abstract: Records of species belonging to the *Dermestes maculatus* species group from Madagascar are presented. *Dermestes (Dermestinus) frischii* Kugelann, 1792 is recorded for the first time from Madagascar. A key of species is provided.

Key words: Coleoptera, Dermestidae, *Dermestes*, Madagascar, Faunistics, new records, key.

Resumen: Contribución al conocimiento de las especies del grupo de *Dermestes maculatus* (Coleoptera: Dermestidae) de Madagascar. Se presentan citas de especies pertenecientes al grupo de *Dermestes maculatus* (Coleoptera: Dermestidae) procedentes de Madagascar. Se cita *Dermestes (Dermestinus) frischii* Kugelann, 1792 por primera vez para Madagascar. También se ofrece una clave de especies.

Palabras clave: Coleoptera, Dermestidae, *Dermestes*, Madagascar, Faunística, nuevas citas, clave.

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Introduction

The genus *Dermestes* Linnaeus, 1758 currently contains 91 species and subspecies worldwide, being known from Madagascar only seven of them (Háva, 2003). In the note presented here, data concerning three species belonging to the *Dermestes maculatus* species group are summarized, being the materials deposited in the following collections:

- JHAC Private Entomological Laboratory & Collection, Jiří Háva, Prague-west, Czech Republic;
MNHN Muséum National d'Histoire Naturelle, Paris, France;
NMPC National Museum, Prague, Czech Republic;
SMNS Staatliches Museum für Naturkunde, Stuttgart, Germany;
ZMUB Humboldt-Universität [Zoologisches Museum], Museum für Naturkunde, Berlin, Germany;
ZMUH Zoologische Institut und Zoologisches Museum [=Biozentrum Grindel und Zoologisches Museum], Hamburg, Germany.

Results

Dermestes (Dermestinus) madagascariensis Lepesme, 1939 (Figs. 1-2, Map 1)

Type material: Holotype (male): "Madagascar, Androy, région d'Imanombo, riviere Lohamamba, Dr. J. Decorse, 1901", (MNHN).

Other material examined: "Madagascar, Androy, région d'Imanombo, riviere Lohamamba, 8.Juill.1900, Dr. J. Decorse" / "Cotype", 1 male, 3 females, (3 MNHN, 1 ZMUH); the same data but 26.Juill.1900 / "Cotype", coll. V. Kalík, 1 female, (SMNS); "Madagascar, Maeratanana, coll. Grouvelle, 1915" / "Cotype", 1 spec., (MNHN); "Maeratanana, Kraatz coll.", V. Kalík det., 1 male, (ZMUB); "Madagascar, Toliara distr., Kirindy, 23-25.11.1997, J. Stolarczyk leg.", J. Háva det., 1 female, (JHAC).

Remarks: The species belongs to the "*Dermestes maculatus* species group" and according to the toothed apex of the elytra is similar to the cosmopolitan species *D. maculatus* De Geer, 1774, but differs from it by the elytral colour, patterns of abdominal sternites and male genitalia. Body length: 8-9 mm. Black spots at the elytral apex are variable in size.

Distribution. Species known only from Madagascar (Lepesme 1939, 1950; Mroczkowski 1968; Háva 2003).



Map 1. - Known localities of *Dermestes (Dermestinus) madagascariensis* Lepesme, 1939.

***Dermestes (Dermestinus) maculatus* DeGeer, 1774** (Figs. 3-4)

Material examined: Madagascar: Andasibe-Mantadia N.P., Analamazaotra forest, 2-14.II.2007, M. Trýzna leg., 1 male, (JHAC); Andasibe-Mantadia N.P., Lokato env., 9-10.I.2007, M. Trýzna leg., 1 male, (JHAC); Isalo Nat. Park, forest Amboandrika, 19.I.2007, M. Trýzna leg., 1 male, (JHAC); "Madagascar, la Mandraka" 1 spec., (NMPC); "Madagascar S.W., Ankazoaba", 6 spec., (NMPC); "Madagascar, Rogez, Mus. Praha", 2 spec., (NMPC); "Madagascar, I.č.3744", 4 spec., (NMPC); "Madagascar, Tsimbazaza" / "Inst. Scient. Madagascar, Nid de Nycticorax, 30.X.50, RP", 4 spec., (NMPC).

Distribution: A cosmopolitan species (Háva 2003). New locality data from Madagascar.

***Dermestes (Dermestinus) frischii* Kugelann, 1792** (Figs. 5-6)

Material examined: Madagascar: Andasibe-Mantadia N.P., Analamazaotra forest, 2-14.II.2007, M. Trýzna leg., 1 male, J. Háva det., (JHAC).

Distribution: A cosmopolitan species (Háva 2003), new to Madagascar.

Key to Madagascan species of the *Dermestes maculatus* species group

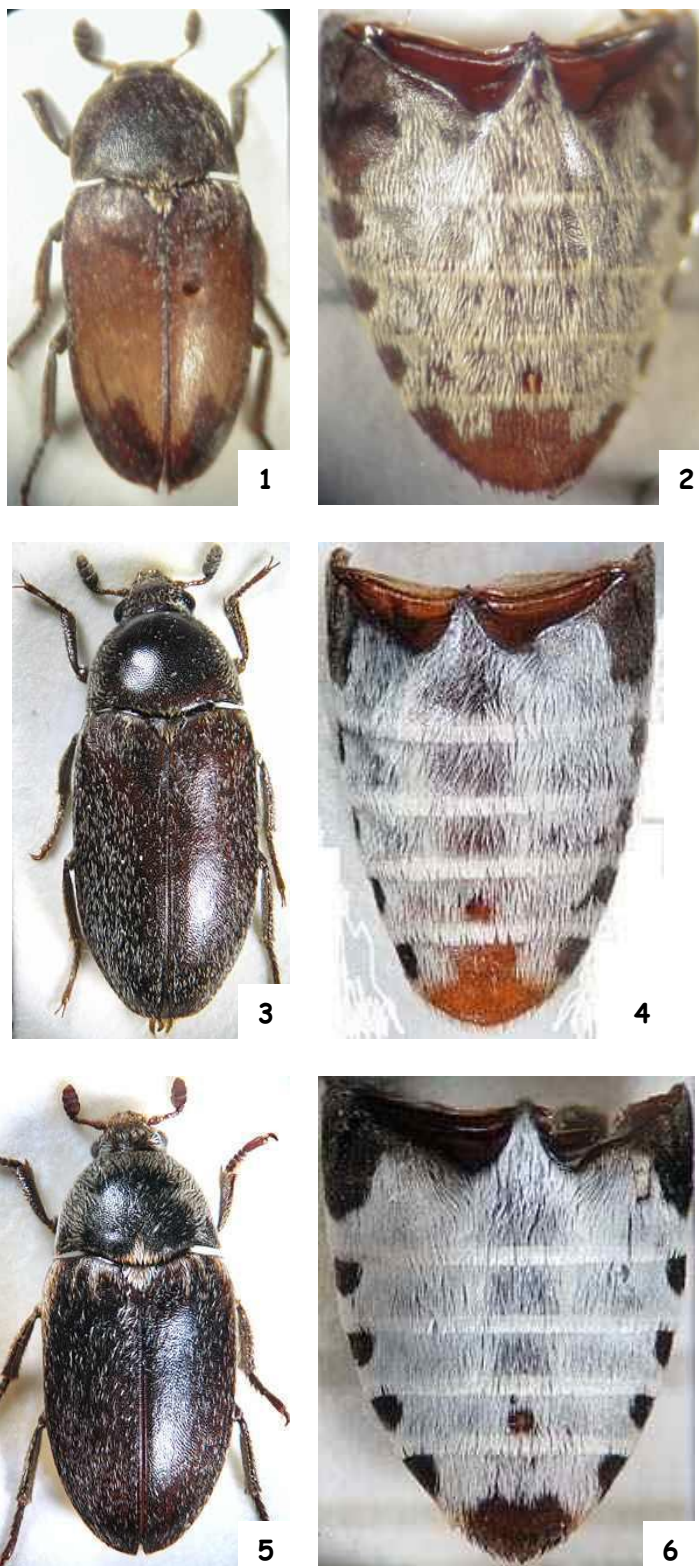
- | | | |
|------|---|----------------------------|
| 1(2) | apex of elytra without tooth..... | <i>D. frischii</i> |
| 2(1) | apex of elytra with tooth | |
| 3(4) | elytra bicolorous, orange-light brown with black apical spot..... | <i>D. madagascariensis</i> |
| 4(3) | elytra unicolorously black or brown..... | <i>D. maculatus</i> |

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Figs 1-2.- *Dermestes (Dermestinus) madagascariensis* Lepesme, 1939. 1.- habitus; 2.- abdomen.
 Figs 3-4.- *Dermestes (Dermestinus) maculatus* DeGeer, 1774. 3.- habitus; 4.- abdomen.
 Figs 5-6.- *Dermestes (Dermestinus) frischii* Kugelann, 1792. 5.- habitus; 6.- abdomen.