

Contribution to the knowledge of world Dermestidae (Coleoptera) with new distributional data and nomenclature

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The following nomenclatorial acts are published: *Attagenus latepubescens* Pic, 1952 stat. n. (independent species); *Orphinus fulvipes* (Guérin-Méneville, 1838) (= *Attagenus? defectus* Walker, 1858 syn. n.). New distributional records are reported for: *Anthrenus (Nathrenus) jakli* Háva, 2001 (Yemen); *Attagenus doricus* Zhantiev, 2007 (Greece); *Attagenus orientalis* Reitter in Schneider & Leder, 1878 (Lebanon); *Attagenus pardus* Arrow, 1915 (Zimbabwe); *Attagenus simplex* Reitter, 1881 (Algeria, Turkey); *Evoirinea flava* (Motschulsky, 1863) (Sudan, Syria); *Dermestes (Dermestes) boliviensis* Háva & Kalík, 2005 (Argentina); *Dermestes (Dermestes) lardarius* Linnaeus, 1758 (Malaysia); *Evoirinea rufotestacea* (Pic, 1952) (Ghana, Guinea); *Globicornis quadripunctata* Zhantiev, 1975 (Kyrgyzstan); *Trogoderma ruficolle* Reitter, 1881 (Brazil).

Key words: Coleoptera, Dermestidae, nomenclature, faunistics, new records, World.

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INTRODUCTION

During the determination of some material coming from the following collections and intensive collecting activities of some entomologists in the recent years, I found new nomenclatorial acts of Dermestidae and new faunistic records from various countries.

MATERIAL AND METHODS

Separate labels are indicated by slashes (/). Remarks of the author are found in square brackets [].

Moreover, following abbreviations refer to the collections, in which the examined material is deposited:

BMNH- British Museum Natural History [= The Natural History Museum], London, United Kingdom;

JHAC - author's collection;

HNHM- Hungarian Natural History Museum, Budapest, Hungary;

LBCP - collection of Dr. Lech Borowiec, Wrocław, Poland;

MNHN- Muséum National d'Histoire Naturelle, Paris, France;

NHRS - Naturhistoriska Riksmuseet Stockholm, Sweden;
 NMED- Naturkundemuseum Erfurt, Germany;
 SMNS - Staatliches Museum für Naturkunde, Stuttgart, Germany.

NOMENCLATURE

Attagenus latepubescens Pic, 1952 stat. n.

Attagenus donckieri var. *latepubescens* Pic, 1952:30.

Type material. Holotype (female): „Erytrée“ [handwritten label] \ „Type“ [small handwritten label] \ „latepubens mihi“ [handwritten label] \ „Attagenus latepubescens Pic, stat. n., Jiří Háva det. 2006“ . Holotype deposited in (MNHN)

Remarks. The species originally described as *Attagenus donckieri* var. *latepubescens* Pic, 1952, but on original handwritten label is name „latepubens mihi“. The species differs from *A. donckieri* Pic, 1916 by the form of antennae and colour fasciae on elytra. Based on the characters *A. latepubescens* Pic, 1952 is newly stated as independent species.

Orphinus fulvipes (Guérin-Ménéville, 1838)

Attagenus? *defectus* Walker, 1858:207 **syn. n.**
Orphinus defectus: Arrow, 1915:437.

Type material. Holotype (female): „Ceylon 59 106“ [small circle, grey label] \ „type“ [small circle label with red margin] \ „Attagenus ? defectus (Type) Walker“ [yellowish, handwritten label] \ „defectus“ [white handwritten label] \ „Orphinus fulvipes (Guer.) (= A. defectus syn. n.), Jiří Háva det. 2007“ [white, printed label]. Holotype deposited in (BMNH).

Original description. „Attagenus ? defectus. Niger, pubescens, elytris subtilissime punctatis apice ferrugineis. Long. 1 lin.“ . „Ceylon“.

Remarks. Species *A. defectus* is described from Sri Lanka. Habitus of holotype not identical with

description; integument of pronotum dark brown, integument of elytra and scutellum entirely brown, covered by brown pubescence; antennae light yellowish-brown. Long of body 2.5 mm. Arrow (1915) transferred this species to the genus *Orphinus* according form of antennae; according all morphological characters of females of both species *defectus* and *fulvipes* is identical. Species *A. defectus* is junior synonym of *O. fulvipes*.

FAUNISTICS

Anthrenus (Nathrenus) jakli Háva, 2001

Material examined: Yemen E, Hawf NE, Albhaydah, 200-730 m, M16°40' E53°05' 14.x.2005, J. Halada lgt., 55 spec., J. Háva det., (JHAC).

Distribution. Species known from Oman, new for Yemen.

Attagenus doricus Zhantiev, 2007

Material examined: Greece, Samos, 9-23.6.2006, L. Lundberg lgt., 1 male, J. Háva det. as sp. n. 2006, (JHAC).

Distribution. Species recently described by Zhantiev (2007) from Peloponesos, Kiani Akni, new faunistic data from Samos Is.

Attagenus orientalis Reitter in Schneider et Leder, 1878

Material examined: „Libanon, Prov. Nord-Libanon, Zgharta, Stadtgebiet, 80mNN, N34°23'32'', E35°53'42'', rechter Nebenflus des Nahr Abou Ali, Weisschale, 24-28.v.2006, Dirk Frenzel leg.“, 20 spec., J. Háva det., (16 NMED, 4 JHAC).

Distribution. Species known from Tunisia, „Caucasus“, Iran, Iraq, Syria and Turkey, new for Lebanon.

Remarks. The mentioned specimens collected together with *Anthrenus (Nathrenus) verbasci* (Linnaeus, 1767) and *A. (Anthrenus) delicatus* Kiesenwetter, 1851.

***Attagenus pardus* Arrow, 1915**

Material examined: „Zimbabwe, Masvingo Prov., NE Beitbridge, 12.xii.2005, P. Schüle leg.“, 3 spec., J. Háva det., (2 SMNS, 1 JHAC); Zimbabwe mer. occ., Natisa env., 60 km S of Bulawayo, 5.xii.1998, F. Kantner lgt., 5 spec., J. Háva det., (JHAC).

Distribution. Species known from Botswana, Namibia, South Africa and Tanzania, new for Zimbabwe.

***Attagenus simplex* Reitter, 1881**

Material examined: „Constantinopolis“ [Turkey, Istanbul], 5 spec., V. Kalík det., J. Háva revid. (HNHM); „Algeria, Coll. Lichtn.“, 1 spec., M. Mroczkowski det 1957, J. Háva revid., (HNHM); „Algeria, simplex“, 1 spec., J. Háva det., (JHAC).

Distribution. Species known from Italy, Sicily, Libya, Morocco, Tunisia and Israel, new for Algeria and occurrence confirmed from Turkey.

***Dermestes (Dermestes) boliviensis* Háva & Kalík, 2005**

Material examined: [Argentina] „Dr. Lendl Adolf, Neuquen 1907“, \ „Dermestes sp. n.? V. Kalík det. 1990“, \ „Dermestes non peruvianus V. Kalík det. 1990“, 1 male, 2 females, J. Háva det., (2 NHRS, 1 JHAC); [Argentina] „Puerto Madryn“ \ „Patagonia“ \ „O. Nordenskiöld“, 1 male, J. Háva (NHRS).

Distribution. Species recently described from Bolivia, new for Argentina.

***Dermestes (Dermestes) lardarius* Linnaeus, 1758**

Material examined: „Malaysia, Pahang, C. Highlands, Tanah Rata, Robinson Waterfall, 1400 m,

12.ii.1991, light, B. Gustafsson, H et H. Hippa, G. Sellerholm [lgt.]“, 1 spec., J. Háva det., (NHRS).

Distribution. Cosmopolitan species, new for Malaysia.

***Evorinea flava* (Motschulsky, 1863)**

Material examined: „Syria, Reitter“ \ “Jaffa” \ *Trinodes dilutus* m Type” \ “dilutus Rtt. Coll. Reitter” \ “*Apsectus flavus* comb.n. V. Kalík det.1990”, 1 spec., J. Háva det., (MNHN).

Other material studied: “Sudan, Prov. North Darfur, El Geneina” \ „ad lucem, Ibrahim M. Abuzinid leg., 24.8.1979“, 1 ex, V. Kalík det. 1990 as *Apsectus flavus* comb. n., J. Háva det., (MNHN).

Distribution. Species known from Egypt, Eritrea, Sudan, Tunisia and Tchad, new for Syria.

Remarks. In the collections of MNHN is deposited one specimen (destroy, missing pronotum and head) originally determined as *Trinodes dilutus* m. Reitter. This taxon is undescribed. Kalík in the year 1990 determined the specimen as *Apsectus flavus*, but this specimen belonged to the genus *Evorinea*.

***Evorinea rufotestacea* (Pic, 1952)**

Material examined: „Ghana: Ashanti region, Kwadaso, 259 m, N 6 55 – W 1 39, Dr. S. Endrödy-Younga“ \ “Nr.368-light trap on field, quartz light, 9.vi.1969”, 1 spec., V. Kalík det as *Apsectus flavus* comb.n., J. Háva det., (MNHN); “Ghana: Ashanti region Kumasi, Nhasu, 330 m, N 6 43-W 1 36, Dr. S. Endrödy-Younga“ \ „Nr.176 al light, 8.vi.1966“, 1 spec., V. Kalík det as *Apsectus flavus* comb.n., J. Háva det., (MNHN); „West Africa, Gnana, North.Reg.Nyankpala, 15 km W von Tamale, leg. Dr. S. Endrödi“ \ „No.9 lichtfalle, 1-30.iv.1970“, 1 spec., V. Kalík det as *Apsectus flavus* comb.n., J. Háva det., (MNHN); „W.Africa, Guinea, Sigui, vi-x.1961, leg. Ferencz Károly“, 1 spec., V. Kalík det as *Apsectus flavus* comb.n., J. Háva det., (MNHN); „Guinea, Coyah, iii-viii.1960,

leg. K. Ferencz“, 2 spec., V. Kalík det as *Apsectus flavus* comb.n., J. Háva det., (MNHN, JHAC).

Distribution. Species known from Congo; Côte d'Ivoire; Gambia; Ghana; Guinea; Kenya; Namibia and Tchad. Next known faunistic data from Ghana and Guinea.

***Globicornis quadripunctata* Zhantiev, 1975**

Material examined: Kyrgyzstan, Issyk-Kul reg., Cholpon-Ata distr., Bosteri, Issyk-Kul coast, 42°65' / 77°18', 7.vi.2006, 1600 m, M. L. & L. Borowiec lgt., 3 males, J. Háva det., (2 LBCP, 1 JHAC).

Distribution. Species known only from Kazakhstan, new for Kyrgyzstan.

***Trogoderma ruficolle* Reitter, 1881**

Material examined: Brasilien, Nova Teutonia, 27°11' B 52°23' L, x.1938, Fritz Plaumann, 7 spec., J. Háva det., (6 NHRS, 1 JHAC); St. Catharina, Brasilien, Nova Teutonia, xi.1938, Fr. Plaumann, 3 spec., J. Háva det., (1 NHRS, 2 JHAC).

Distribution. Species known only from Brazil, occurrence confirmed from Brazil.

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REFERENCES

Arrow G. J. 1915. Notes on the Coleopterous family Dermestidae, and descriptions of some new forms in the British Museum. The Annals and Magazine of Natural History 15: 425-451.

Háva J. 2003. World Catalogue of the Dermestidae (Coleoptera). Studie a Zprávy

Oblastního Muzea Praha-východ v Brandýse nad Labem a Staré Boleslavi, Supplementum 1: 1-196.

Mroczkowski M. 1968. Distribution of the Dermestidae (Coleoptera) of the world with a catalogue of all known species. Annales Zoologici 26: 15-191.

Pic M. 1952. Missione Biologia Sagan-Omo diretta dal prof. Edoardo Zavattari. Coléoptères nouveaux. Rivista di Biologia 11: 25-36.

Walker F. 1858. Characters of some apparently undescribed Ceylon Insects. The Annals and Magazine of Natural History 2: 202-209.

Zhantiev R. D. 2007. Novye vidy zhukov-kozheedov roda *Attagen* (Coleoptera, Dermestidae) fauny Palearktiki. [New species of the genus *Attagen* (Coleoptera, Dermestidae) of Palaearctic Fauna]. Zoologicheskij Zhurnal 86: 1-6. (in Russian, English summary)

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