

New taxonomic changes in the family Dermestidae (Coleoptera)

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Abstract

The following nomenclatorial changes in the family Dermestidae are proposed: *Globicornis emarginata* (Gyllenhal, 1808) (= *Globicornis hispanica* Pic, 1908 **syn. n.**); *Attagenus antennatus* (Reitter, 1887) (= *Attagenus antennatus* Escalera, 1914 **syn. n.**); *Attagenus erevanicus* Zhantiev, 1963 **stat. n.**

Key words: Taxonomy, new synonymies, new status, Coleoptera, Dermestidae, world.

Resumen

Nuevos cambios taxonómicos en la familia Dermestidae (Coleoptera)

Se proponen los siguientes cambios nomenclaturales en la familia Dermestidae: *Globicornis emarginata* (Gyllenhal, 1808) (= *Globicornis hispanica* Pic, 1908 **syn. n.**); *Attagenus antennatus* (Reitter, 1887) (= *Attagenus antennatus* Escalera, 1914 **syn. n.**); *Attagenus erevanicus* Zhantiev, 1963 **stat. n.**

Palabras clave: Taxonomía, nuevas sinonimias, nueva posición, Coleoptera, Dermestidae, mundo.

Laburpena

Zenbait aldaketa taxonomiko berri Dermestidae familian (Coleoptera)

Ondoko nomenklatura-aldaketak proposatzen dira Dermestidae familian: *Globicornis emarginata* (Gyllenhal, 1808) (= *Globicornis hispanica* Pic, 1908 **syn. n.**); *Attagenus antennatus* (Reitter, 1887) (= *Attagenus antennatus* Escalera, 1914 **syn. n.**); *Attagenus erevanicus* Zhantiev, 1963 **stat. n.**

Gako-hitzak: Taxonomia, sinonimia berriak, kokapen berria, Coleoptera, Dermestidae, mundua.

Introduction

This paper is based on the type material of Dermestidae kept in the institutions indicated below and it is further to the preceding papers (Háva, 2007a, 2007b, 2007c).

Abbreviations of depositories:

MNHN: Muséum National d'Histoire Naturelle, Paris, France (A. Taghavian).

MNCN: Museo Nacional de Ciencias Naturales, Madrid, Spain (M. París).

ZMUM: Zoological Museum University of Moscow, Moscow, Russia (R.D. Zhantiev).

Results

Globicornis emarginata (Gyllenhal, 1808)

Globicornis hispanica Pic, 1908: 81 **syn. n.**

Type material:

Holotype (male): «MADRID, Moncloa, G. Schramm» [printed and handwritten] / «Type» [handwritten] / «*Globicornis hispanica*» [handwritten]. Holotype deposited in MNHN.

Remarks:

Pic (1908) described this species from Madrid su-

roundings. According to the original description and study of the holotype, this species is only an atypical specimen of *G. emarginata*.

Terminal antennal segment is narrower, but I studied more than 30 males from Europe and terminal antennomere is very variable in length and width, and this variability is of no taxonomic importance; in my opinion, only larval morphology is slightly different.

Aedeagus of holotype is not in good condition and it is immature, but median lobe is identical to that of *G. emarginata*.

***Attagenus escalerae* Mader, 1954**

Telopes antennatus Reitter, 1887: 54, nec Laporte, 1840: 36.

Attagenus antennatus Escalera, 1914: 137, nec Laporte, 1840: 36 **syn. n.**

Attagenus escalerae Mader, 1954: 53 (replacement name for *antennatus* Escalera).

Attagenus escalerae Kocher, 1956: 25, nec Mader, 1954: 53.

Attagenus reitteri Mroczkowski, 1968: 90 (replacement name for *antennatus* Reitter).

Type material:

44 syntypes: (14 males, 16 females): «Marruecos, Marraquesh, iii.1907-Escalera» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label]; (6 males, 1 female): «Marruecos, Marraquesh, iii.1907-Escalera» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label]; (1 male, 1 female): «Marraquesh» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label]; (2 males): «Air Agia, 3.1912» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label]; (1 male, 1 female): «Tarudant, 4.1912» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label]; (1 male): «Igli, 4.1912» \ «A. antennatus Esc. Sintipo» [red label] \ «MNCN Cat. Tipos No 8908» [red label].

One male specimen is designated here as lectotype, other 40 specimens as paralectotypes with printed red labels: «Lectotype [or Paralectotype, respectively] *Attagenus antennatus* Escalera, Jiří Háva, 2007 design.»; other 3 specimens were not included among paralectotypes, since they belonged to the other species. The type material is deposited in MNCN.

Remarks:

The species *Attagenus antennatus* was described by Escalera (1914), but the name is a homonym of *A. antennatus* Reitter, 1887 and the Reitter's name is homonym of *A. antennatus* Laporte, 1840; Mader (1954) replaced this Escalera's name by *Attagenus escalerae*, and the same act is published by Kocher (1956). Mroczkowski (1968) replaced this Reitter's name by *Attagenus reitteri*, but Mader's name *A. escalerae* has priority over Mroczkowski's name *A. reitteri*.

A recent study of the 25 syntypes divided these Escalera's specimens into two species. Specimens from «Marraquesh» and «Air Agia» are conspecific with *A. antennatus* Reitter and thus, the name *A. antennatus* Escalera, 1914 is a junior synonym of *A. antennatus* Reitter, 1887. Three next specimens from «Tarudant» and «Igli» belong to the species *A. uniformis* Fairmaire in Fairmaire & Coquerel, 1860.

***Attagenus erevanicus* Zhantiev, 1963 stat. n.**

(Fig. 1)

Attagenus aurantiacus erevanicus Zhantiev, 1963: 417.

Attagenus aurantiacus erevanicus: Mroczkowski, 1968: 81.

Attagenus aurantiacus erevanicus: Zhantiev, 1976: 73.

Attagenus aurantiacus erevanicus: Háva, 2003: 57.

Type material:

Holotype (male) and allotype (female): Armenia, okt. G. Echmiadzina, 6.v.1962, R.D. Zhantiev lgt. Holotype and allotype deposited in ZMUM.

Remarks:

The original description includes no illustrations of this taxon. First illustrations of the habitus and male antenna are presented here. The pronotum is covered by yellow or yellowish-white pubescence only. The median lobe of the aedeagus of *A. erevanicus* looks like a long triangle, the apex is rounded. Antennae: ratio of length to maximal width of last segment varies from 3x to 3.5x.

According to the study of the type material, this species differs from *A. aurantiacus* Reitter, 1900 by the unicolorous pubescence on the pronotum and by the form of antennae and male genitalia, and is now considered as an independent species.

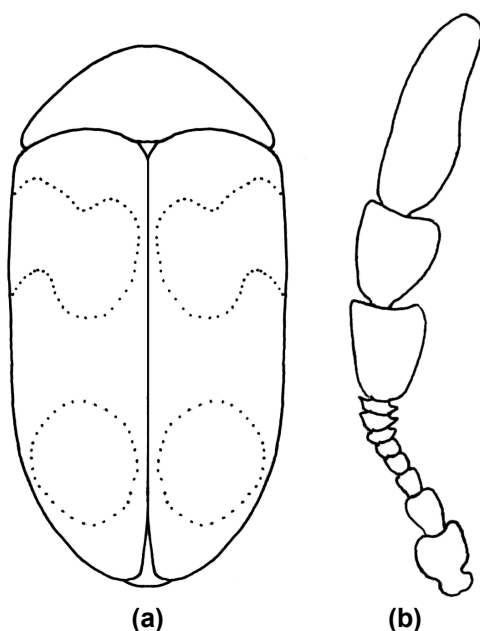


FIGURE 1. *Attagenus erevanicus* Zhantiev, 1963: (a) Habitus, dorsal aspect; (b) Antenna of male (orig. R.D. Zhantiev).

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