



**NEW NOMENCLATORIAL CHANGES IN THE FAMILY DERMESTIDAE
(COLEOPTERA)**

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Abstract - The following new nomenclatorial acts are proposed: *Trogoderma granarium* Everts, 1898 (= *T. koningsbergeri* Pic, 1933 syn. n.); *T. pectinicornis* Reitter, 1881 (= *Hadrotoma argentina* Pic, 1906 syn. n.); *T. ruficolle* Reitter, 1881 (= *T. thoracicum* var. *bicoloripes* Pic, 1936 syn. n.); *Trogoderma obscurum* Pic, 1936 stat. n.; *Attagenus gounellei* (Pic, 1915) comb. n. (= *A. brasiliensis* Pic, 1923 syn. n.); *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) (= *M. graeseri* var. *latenotata* Pic, 1902 syn. n.). The species *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) is newly recorded from Uzbekistan and *Trogoderma obscurum* Pic, 1936 from Chile.

KEY WORDS: Taxonomy, new synonymies, new combination, new status, Coleoptera, Dermestidae

Izveček – NOVE NOMENKLATURNE SPREMEMBE V DRUŽINI DERMESTIDAE (COLEOPTERA)

Predlagane so sledeče nomenklaturne odločitve: *Trogoderma granarium* Everts, 1898 (= *T. koningsbergeri* Pic, 1933 syn. n.); *T. pectinicornis* Reitter, 1881 (= *Hadrotoma argentina* Pic, 1906 syn. n.); *T. ruficolle* Reitter, 1881 (= *T. thoracicum* var. *bicoloripes* Pic, 1936 syn. n.); *Trogoderma obscurum* Pic, 1936 stat. n.; *Attagenus gounellei* (Pic, 1915) comb. n. (= *A. brasiliensis* Pic, 1923 syn. n.); *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) (= *M. graeseri* var. *latenotata* Pic, 1902 syn. n.). Vrsta *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) je prvič zabeležena za Uzbekistan in *Trogoderma obscurum* Pic, 1936, za Čile.

KLJUČNE BESEDE: taksonomija, novi sinonimi, nova kombinacija, nov status, Coleoptera, Dermestidae

Introduction

This paper is based on the Pic's dermestid type material kept in the Museum national d'Histoire naturelle, Paris, France. The morphological characters, including the genitalia of the type material, were studied.

Locality labels of the mentioned material are cited in the original version. Remarks of the author are found in square brackets []. Data on separate labels are indicated by slashes (\).

Abbreviations:

FMNH Field Museum Natural History, Chicago, USA;

JHAC author's collection;

MNHN Museum national d'Histoire naturelle, Paris, France.

Results

Attagenus gounellei (Pic, 1915) **comb. n.**

Trogoderma gounellei Pic, 1915: 4.

Attagenus brasiliensis Pic, 1923: 3 **syn. n.**

Type material. Holotype, *Trogoderma gounellei* (female): „S. de Diamantina, Brésil, (Gounelle)“ [handwritten, yellow label] \ „Trogoderma Gounellei Pic“ [handwritten, yellow label] \ „Type“ [handwritten, yellow label] \ „TYPE“ [red, printed label] \ *Attagenus gounellei* Pic, comb. n., Jiří Háva det. 2007, (MNHN).

Holotype, *Attagenus brasiliensis* (female): „Brésil“ [handwritten, yellow label] \ „Attagenus brasiliensis n sp“ [handwritten, yellow label] \ „Type“ [handwritten, yellow label] \ „TYPE“ [red, printed label] \ *Attagenus brasiliensis* Pic, Jiří Háva det. 2006, (MNHN).

Remarks. The species was described by Pic (1915) as *Trogoderma gounellei* from Brazil, but according to the present study of the holotype, it belongs to the genus *Attagenus* as *A. gounellei* comb. n. The species *Attagenus brasiliensis* was described by Pic (1923) from Brazil, but all morphological characters of the two species are identical and thus, *A. brasiliensis* is a junior synonym of *A. gounellei*.

Distribution. Species known from Brazil.

***Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887)**

Megatoma graeseri var. *latenotata* Pic, 1902: 48 **syn. n.**

Megatoma graeseri var. *latenotata*: Mroczkowski, 1967: 12.

Type material. Holotype (female): „Kaschgar [Uzbekistan]“ [handwritten, yellow label] \ “communique Kalik” [handwritten, red label] \ “*Megatoma graeseri* v. *latenotata* Pic” \ “Kalik vodit [= vidit]” [handwritten, yellow label] \

„TYPE“ [red, printed label] \ *Megatoma graeseri* (Rtt.), Jiří Háva det. 2007, (MNHN).

Remarks. Mroczkowski (1967) revised species of the genus *Megatoma* Herbst, 1792 from the Palaearctic Region. On page 12 of this revision, he mentioned the taxon *Megatoma graeseri* var. *latenotata* Pic, 1902 as a synonym, but without a discussion of type material. Mroczkowski (1968) considered it as valid taxon. Háva (2003) mentioned this taxon as synonym according to the revision published by Mroczkowski (1967) and according to a personal communication by Mr. Kalík about Pic's specimens. The first consideration of the holotype specimen of this taxon is presented here. The holotype specimen of *Megatoma graeseri* var. *latenotata* is conspecific with typical female specimens and the name is a junior synonym of *M. (P.) graeseri*

Distribution. Species known from Byelorussia, Latvia, N China, Kyrgyzstan, Mongolia and Russia: Siberia, new to Uzbekistan.

***Trogoderma granarium* Everts, 1898**

Trogoderma koningsbergeri Pic, 1933: 71 **syn. n.**

Type material. Holotype (female): „Buitenzorg, Java, Botan. Garten, Dr. Koningsberger, ded. 9.vi.1905“ \

„Type“ [handwritten, yellow label] \ „*Trogoderma koningsbergeri* n sp“ [handwritten, yellow label] \ „TYPE“ [red, printed label] \ *Trogoderma granarium* Everts, J. Háva det. 2007, (MNHN).

Remarks. The species *Trogoderma koningsbergeri* was described by Pic (1933) from Java, but according to the present study of the holotype (holotype specimen missing antennae), this species is identical with *T. granarium* Everts, 1898. The name *T. koningsbergeri* is a junior synonym of *T. granarium*.

Distribution. Cosmopolitan, synanthropic species.

***Trogoderma obscurum* Pic, 1936 stat. n.**

Trogoderma thoracicum var. *obscurum* Pic, 1936: 1.

Type material. Holotype (female): „Hansa, Brésil“ [printed, yellow label] \ “thoracicum v. obscurum Pic” [handwritten, yellow label] \ “Holotype” [printed, red label] \ *Trogoderma obscurum* Pic, stat. n., Jiří Háva det. 2007, (MNHN).

Additional material studied: „Chile, Santiago prov., El Canelo, 25 km SE of Santiago. Elev. 860 m, december 1964, L. Peòla lgt.“, 15 spec., (10 FMNH, 5 JHAC).

Remarks. The taxon *Trogoderma thoracicum* var. *obscurum* Pic, 1936 differs from *T. thoracicum* Reitter, 1881 by the body shape and structure of antennae. According to these characters, the taxon is newly stated as independent species *T. obscurum* stat. n. The specimens from Chile were identified in the year 2002 by the present author as *T. elcanelo* sp. n., but this taxon has never been described and all morphological characters are identical with *T. obscurum*.

Distribution. Species known from Brazil (Háva, 2006), new for Chile.

***Trogoderma pectinicornis* Reitter, 1881**

Hadrotoma argentina Pic, 1906: 233 **syn. n.**

Material examined. „R^{ep} Argentina, Prov. Buenos Aires, 190, C. Bruch“ [printed label] \ „Hadrotoma argentina Pic“ [handwritten, yellow label], 1 female, J. Háva det., (MNHN).

Remarks. The species *Hadrotoma argentina* was described by Pic (1906) from Argentina, but according to the present study of a specimen identified by Pic (a specimen compared with the holotype), this species is identical with *Trogoderma pectinicornis* Reitter, 1881 from Argentina. The name *H. argentina* is a junior synonym of *T. pectinicornis*.

Distribution. Species known from Argentina and Brazil.

***Trogoderma ruficollis* Reitter, 1881**

Trogoderma thoracicum var. *bicoloripes* Pic, 1936: 1 **syn. n.**

Type material. Holotype (female): „Hansa, S. Catharina, Brésil, Coll. J. Clermont“ [printed, yellow label] \ “Trogo~~derma~~” [handwritten, yellow label] \ “thoracicum v. nov. bicoloriceps” [handwritten, yellow label] \ “Holotype” [printed, red label] \ *Trogo~~derma~~ ruficolle* Rtt., Jiří Háva det. 2007, (MNHN).

Remarks. The species *Trogo~~derma~~ thoracicum* var. *bicoloripes* was described by Pic (1936) from Brazil, but according to the present study of the holotype, this species is identical with *Trogo~~derma~~ ruficolle* Reitter, 1881 from Brazil. The name *T. thoracicum* var. *bicoloripes* is a junior synonym of *T. ruficolle*.

Distribution. Species known from Brazil (Háva, 2006).

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