

## New faunistic records and remarks on Dermestidae (Coleoptera) - Part 15

Jiří HÁVA<sup>1)</sup>, Andreas HERRMANN<sup>2)</sup> & Marcin KADEJ<sup>3)</sup>

<sup>1)</sup>Department of Forest Protection and Entomology,  
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

<sup>2)</sup>Bremervörder Strasse 123, D-21682, Stade, Germany  
e-mail: herrmann@coleopterologie.de

<sup>3)</sup>Department of Invertebrate Biology, Evolution and Conservation,  
Faculty of Biological Science, Institute of Environmental Biology, University of Wrocław,  
Przybyszewskiego 65, PL-51-148 Wrocław, Poland  
e-mail: marcin.kadej@uwr.edu.pl

### Faunistics, taxonomy, new records, nomen nudum, Coleoptera, Dermestidae, World

**Abstract.** The following species are recorded: *Attagenus brunneus* Faldermann, 1835 (Armenia); *Attagenus unicolor* (Brahm, 1790) (Malaysia: Kelantan); *Anthrenus (Anthrenus) goliath* Saulcy in Mulsant et Rey, 1868 (Georgia); *Anthrenus (Nathrenus) bulirschi* Háva, 2000 (Jordania); *Cryptorhopalum punctifrons* Herrmann, Háva & Kadej, 2015 (Bolivia); *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838) (Costa Rica); *Thaumaglossa bellissima* Háva, 2005 (the Philippines); *Thorictus sulcicollis* Perez Arcas, 1868 (Portugal). The species *Anthrenus (Anthrenodes) pulchellus* Gestro, 1889; *Globicornis (Globicornis) karkai* Háva, 2000 and *Dermestes (Dermestinus) gyllenhalii* Laporte, 1840 are discussed with regard to their distribution. The two species *Anthrenus (Nathrenus) kamiluhi* Pushkin, 2016 and *Thaumaglossa zhantievi* Pushkin, 2016 is discussed as nomen nudum.

## INTRODUCTION

The knowledge about the distribution of many species within family Dermestidae is still incomplete. There are a lot of gaps in our understanding of the occurrence of many species. Thus, each paper, which supplements our knowledge in this field, is valuable. In the present paper, 12 species belonging to the family Dermestidae (Coleoptera) are recorded and discussed. The article is a continuation of a series of 14 previous articles (e. g. Háva et al. 2014, 2015a, b, c).

## MATERIAL AND METHODS

Species are arranged in alphabetical order, the nomenclature and zoogeography follow the catalogue of Háva (2015).

Following abbreviations refer to the collections, in which the examined materials are deposited:

AHEC Andreas Herrmann, private collection, Stade, Germany;

JHAC Jiří Háva, Private Entomological Laboratory and Collection, Únětice u Prahy, Prague west, Czech Republic;

JPPC Jan Pelikán, private collection, Hradec Králové, Czech Republic;

NHMB Naturhistorisches Museum, Basel, Switzerland (Isabelle Zürcher and Eva Sprecher).

## RESULTS

### Subfamily Attageninae Tribe Attagenini

#### *Attagenus brunneus* Faldermann, 1835

**Material examined:** Armenia, Arzakan, 5.vii.2014, 40°29'N 44°36'E, Ing. M. Krejčíř leg., 1 ♂, J. Háva det., (JHAC).

**Distribution.** A Holarctic species (Háva 2015a), new to Armenia.

#### *Attagenus unicolor* (Brahm, 1790)

**Material examined:** Malaysia W, Kelantan, 90 km N of Gua Musang, Mt. Basor, 1700 m, Kampong Kubur Datu, 11-21.iii.2015, P. Čechovský leg., 1 ♀, J. Háva det., (JHAC).

**Distribution.** A cosmopolitan species (Háva 2015a); an introduced species, new to Malaysia.

### Subfamily Dermestinae Tribe Dermestini

#### *Dermestes (Dermestinus) gyllenhalii* Laporte, 1840

**Material examined:** „Hinter Pommern“ / „ex Orig. Samlg. J. Breit Wien“ / „Museum Frey Tutzing“ / „Holotype“ / „Dermestes atomarius a. nigrutilus m. V. Kalík det. 1972“ (Fig. 1), 1 ♂, J. Háva det., (NHMB).

**Remarks.** Mr. Kalík determined this specimen as *Dermestes atomarius* a. *nigrutilus*, but the taxon has not been published by him. Because the specimen was very oily, after degreasing and examination it turned out to be a typically coloured specimen of *Dermestes (Dermestinus) gyllenhalii* Laporte, 1840 (all characters correspond with typical species).



Fig. 1. Original labels of the examined specimen.

**Subfamily Megatominae  
Tribe Anthrenini**

***Anthrenus (Anthrenus) goliath* Saulcy in Mulsant et Rey, 1868**

**Material examined:** Georgia, Vardzia env., Vanis Kvabebi, 23.vii.2014, O. Konvička leg., 1 spec., J. Háva det., (JHAC).

**Distribution.** Species known from Armenia; Austria; Bosnia; Bulgaria; Croatia; Greece; Hungary; Italy; Macedonia; Montenegro; Portugal; Romania; Serbia; Sicilia; Spain; Turkey; Algeria; Egypt; Libya; Morocco; Tunisia; Jordania and Syria (Háva 2015a), new to Georgia.

***Anthrenus (Anthrenodes) pulchellus* Gestro, 1889**

*Anthrenus rauterbergi*: Mroczkowski, 2002: 30.

**Material examined:** „Saudi Arabia W. Buttiker“ / „Harithi, 23-24.v.1985, 21°18'N 40°18'E“ / „Anthrenus rauterbergi det. M. Mroczkowski 1997“, 1 spec., J. Háva det., (NHMB).

**Remarks.** The specimen was erroneously determined and published by Mroczkowski (2002) as *Anthrenus rauterbergi* Reitter, 1908, but in fact it belongs to *A. (Anthrenodes) pulchellus* Gestro, 1889. Because of the present redetermination the species *A. rauterbergi* Reitter does not occur in Saudi Arabia.

### *Anthrenus (Nathrenus) bulirschi* Háva, 2000

**Material examined:** Jordania, Umm Quais, Irbid, 20.v.1999, leg. G. Sama, 1 ♂, A. Herrmann & J. Háva det., (AHEC).

**Distribution.** A species known from Greece; Turkey; Israel; Lebanon; Syria (Háva 2015a), new to Jordania.

### *Anthrenus (Nathrenus) kamiluhi* Pushkin, 2016a, nomen nudum

*Anthrenus kamiluhi* Pushkin, 2016a: 1, nomen nudum.

**Remarks.** In the original description of this species Pushkin (2016a) did many flaws and very serious misconducts. They are specified below, as follows:

1. No information is given concerning the gender and deposition of the holotype (ICZN 16.4.2).
2. In the chapter “Material and methods” 3 specimens are listed, but in “Type Material” only the holotype is mentioned, without mentioning any paratype at all.
3. The description of the species does not correspond to the photo of habitus (compare with Fig. 1 in Pushkin (2016)), so in the description the size of the type is 4.0 mm, whilst according to the longitudinal scale in the photo the length is only 2.2 mm.
4. Figs. 3, 4, 5 in the original paper are copied from the article of Háva & Ahmed (2014), and therefore regard an already described species, *A. narani* Háva & Ahmed, 2014.
5. The photo of the holotype (Fig. 1 in Pushkin (2016)) was actually taken by the second author of the present paper and shows habitus of one of four females which are still stored in the collection of A. Herrmann.
6. Since the holotype (that means the very specimen shown in (Fig. 1) is still deposited in the collection of the second author it is not labelled as a type specimen but with “*Anthrenus spec.*” only. So obviously no holotype is labelled respectively exists at all. A. Herrmann determined that material comprised 4 females (1 spec. deposited in collection A. Herrmann). Nor is it possible that these images used to describe another species *A. narani* Háva & Ahmed, 2014 were applicable to description of this species, where only females were available.

Due to all this serious conflicts, according to (ICZN 16.4.2), the name *Anthrenus (Nathrenus) kamiluhi* Pushkin, 2016 is available.

### Tribe Megatomini Subtribe Cryptorhopalina

### *Cryptorhopalum punctifrons* Herrmann, Háva & Kadej, 2015

**Material examined:** Bolivia: Santa Cruz Dept., 3,7 km SSE Buena Vista; Hotel Flora y Fauna; 9-May-2004, A. Cline and J. Wappes collrs., 1 ♂, A. Herrmann & J. Háva det., (AHEC); Bolivia: Santa Cruz Dept., 3,7 km SSE Buena Vista; Hotel Flora y Fauna; 29-April-2004, A. Cline and J. Wappes collrs., 1 ♀, A. Herrmann & J. Háva det., (AHEC)

**Distribution.** A species known from Ecuador and Peru (Háva 2015b), new to Bolivia.

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

**Material examined:** Costa Rica, Heredia prov., Puerto Viejo de Sarapiquí, 14.ii.2015, O. Konvička lgt., 1 ♂, J. Háva det., (JHAC).

**Distribution.** A cosmopolitan species (Háva 2015a), new to Costa Rica.

***Thaumaglossa bellissima Háva, 2005***

**Material examined:** Philippines, Eastern Luzon, Sierra Madre, Quirino, January 2016, native collector, 1 ♀, J. Háva det., (JHAC); Philippines, Eastern Luzon, Sierra Madre, Tapsoy, Nagtipunan, Quirino, April 2016, native collector, 1 ♀, J. Háva det., (JHAC); Philippines, Mindanao, Masara, Compostela Valley, April 2016, native collector, 1 ♀, J. Háva det., (JHAC).

**Distribution.** Species known from the Philippines and Singapore (Háva 2015a), new locality data from the Philippines: Luzon and Mindanao.

***Thaumaglossa zhantievi Pushkin, 2016b, nomen nudum***

*Thaumaglossa zhantievi* Pushkin, 2016b: 12, nomen nudum.

**Remarks.** In the original description of this species Pushkin (2016b) did many flaws and very serious misconducts. They are specified below, as follows:

1. No information is given concerning the gender and deposition of the holotype (ICZN 16.4.2).
2. In the chapter “Material and methods” 3 specimens are listed, but in “Type Material” mentioned holotype and 4 specimens.
3. Fig. 1 is the figure according to web pages: <http://www.dermestidae.com/Thaumaglossalaeta.html>.

Due to all this serious conflicts, according to (ICZN 16.4.2), the name *Thaumaglossa zhantievi* Pushkin, 2016 is available.

**Subtribe Megatomina**

***Globicornis (Globicornis) kafkai Háva, 2000***

*Dearthrus quadriguttatus*: Mroczkowski, 2002: 29.

**Material examined:** „NE Iraq, Kurdistan, Sarsank, 27.4.[19]79, J. Macek lgt.“ / „Dearthrus quadriguttatus Rtt. M. Mroczkowski det.1997“, 1 ♂, J. Háva det., (NHMB).

**Remarks.** This specimen was erroneously determined and published by Mroczkowski (2002) as *Dearthrus quadriguttatus* Reitter, 1878, but in fact it belongs to *G. (G.) kafkai*

Háva, 2000. According to the present redetermination the species *G. quadriguttatus* Reitter does not occur in Iraq.

**Subfamily Thorictinae**  
**Tribe Thorictini**

***Thorictus sulcicollis* Perez Arcas, 1868**

**Material examined:** „Portugal - Portalegre d., Monte Carvalho, 2 km N of Serra do Sao Mamede, 39°19'59.5''N 7°25'24.3''W, Quercetum - skalky, indiv. sběr pod kameny, 6.v.2013, J. Pelikán lgt.“, 1 spec., J. Háva det., (JPPC).

**Distribution.** A species known from Spain, Algeria and Tunisia (Háva 2015a), new to Portugal.

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