

ARTIGO / ARTÍCULO / ARTICLE

New faunistic records of Dermestidae (Coleoptera) - Part 12.

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Abstract: The following species are recorded: *Adelaidia haucki* Háva, 2000 (Malaysia); *Anthrenus (Anthrenus) smetanai* Kadej & Háva, 2011 (Morocco); *Anthrenus (Setapeacockia) taricus* Zhantiev, 2006 (Iran); *Attagenus papei* Háva, 2009 (Oman); *Dermestes (Dermestinus) leopardinus* Mulsant & Rey, 1855 (Iran); *Dermestes (Dermestes) amoenus* Háva, 2008 (China: Shaanxi); *Dermestes (Dermestes) gerstaeckeri* Dalla Torre, 1911 (Namibia, South Africa); *Dermestes (Dermestes) wittei* Kalík, 1955 (South Africa, Namibia); *Globicornis (Elania) vaulogeri* Pic, 1900 (Morocco); *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838) (Mauritius); *Thaumaglossa beali* Kadej & Háva 2013 (Laos); *Thaumaglossa rufomaculata* (Pic, 1938) (Malaysia: Tioman Is.); *Thorictus martinezi* Háva & Lenoir, 2008 (Burkina Faso); *Thorictus sulcicollis* Pérez Arcas, 1868 (Spain); *Trogoderma krejciki* Háva, 2011 (French Guyana); *Trogoderma seminigrum* Pic, 1915 (Madagascar).

Key words: Coleoptera, Dermestidae, faunistics, taxonomy, new records, world.

Resumen: Nuevos datos faunísticos de Dermestidae (Coleoptera) - Parte 12. Se citan las siguientes especies: *Adelaidia haucki* Háva, 2000 (Malasia); *Anthrenus (Anthrenus) smetanai* Kadej & Háva, 2011 (Marruecos); *Anthrenus (Setapeacockia) taricus* Zhantiev, 2006 (Irán); *Attagenus papei* Háva, 2009 (Omán); *Dermestes (Dermestinus) leopardinus* Mulsant & Rey, 1855 (Irán); *Dermestes (Dermestes) amoenus* Háva, 2008 (China: Shaanxi); *Dermestes (Dermestes) gerstaeckeri* Dalla Torre, 1911 (Namibia, Sudáfrica); *Dermestes (Dermestes) wittei* Kalík, 1955 (Sudáfrica, Namibia); *Globicornis (Elania) vaulogeri* Pic, 1900 (Marruecos); *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838) (Mauricio); *Thaumaglossa beali* Kadej & Háva 2013 (Laos); *Thaumaglossa rufomaculata* (Pic, 1938) (Malasia: Is. Tioman); *Thorictus martinezi* Háva & Lenoir, 2008 (Burkina Faso); *Thorictus sulcicollis* Pérez Arcas, 1868 (España); *Trogoderma krejciki* Háva, 2011 (Guyana Francesa); *Trogoderma seminigrum* Pic, 1915 (Madagascar).

Palabras clave: Coleoptera, Dermestidae, faunística, taxonomía, nuevos datos mundiales.

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Introduction

The knowledge about the distribution of many species within the family Dermestidae is still incomplete. There are a lot of gaps in our understanding of the occurrence of many of those species. Thus, each paper increasing our knowledge in this field is valuable.

In this paper new faunistic records of 16 species belonging to the family Dermestidae (Coleoptera) are given. The article is a continuation of a series of eleven previous articles (e.g. Háva & Herrmann 2014; Háva et al. 2014).

Material and methods

Species are arranged in alphabetical order, with the nomenclature and zoogeography according to Háva's catalogues (Háva 2003, 2007).

The following abbreviations refer to the collections where the examined materials are deposited:

AHEC: Private collection of Andreas Herrmann, Stade, Germany.

JHAC: Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

MHNG: Muséum d'Histoire Naturelle, Genève, Switzerland.

NME: Naturkundemuseum, Erfurt, Germany.

SMNS: Staatliches Museum für Naturkunde, Stuttgart, Germany.

ZMUB: Humboldt-Universität, Museum für Naturkunde, Berlin, Germany.

Results

Subfamily Attageninae

Tribe Attagenini

Attagenus papei Háva, 2009

Material examined: Sultanate of Oman, Qifayfah, 29.90401 °N / 58.42541 °E, 665 m, 31.III.2013, A. Sánchez leg., 1 male, J. Háva det. (AHEC).

Distribution: Species known only from United Arab Emirates (Háva 2009). New species for Oman.

Subfamily Dermestinae

Tribe Dermestini

Dermestes (Dermestinus) leopardinus Mulsant & Rey, 1855

Material examined: Iran centr., Ardabil, Germe 80 km N Ardabil, 13.IV.1999, J. Rejzek leg., 1 spec., A. Herrmann det. (SMNS); Iran c., Fars. Prov., Zagros Mts., 25 km W Shiráz, 25.-27.IV.1999, J. Rejzek leg., 1 spec., A. Herrmann det. (SMNS).

Distribution: Species known from Armenia, Azerbaijan, Bulgaria, Croatia, Georgia, Serbia, Turkey, Ukraine and Russia: european part (Háva 2007). New species for Iran.

Dermestes (Dermestes) amoenus Háva, 2008

Material examined: China, Shaanxi prov., Lueyang env., 21.VI.-6.VII.2014, E. Kučera leg., 1 male, 1 female, J. Háva & A. Herrmann det. (AHEC).

Distribution: Species known from China: Hubei and Sichuan (Háva 2008). New for Shaanxi prov.

Dermestes (Dermestes) gerstaeckeri Dalla Torre, 1911 (Map 1)

Material examined: RSA, Northern Cape, 70 km S Olifantshoek, Witsand NR, 1200 m, 4-7.II.2012, W. Schawaller leg., 5 spec., J. Háva & A. Herrmann det. (SMNS); Namibia, Otjozondjupa Dist., Toggekry 250 (Omatako), 1100 m NN, 21°30'42.9S 16°43'56.6E, 5.III.2003, hand light trap, BIOTA 1539, J. Frisch & K. Vohland leg., 1 male, A. Herrmann det. (ZMUB).

Distribution: Rare species known from Ethiopia, Kenya, Tanzania and South Africa (Háva 2003). New species for Namibia and new locality data from South Africa.



Map 1. - Distributional map of *Dermestes*
(*Dermestes*) *gerstaeckeri* Dalla Torre.



Map 2. - Distributional map of *Dermestes*
(*Dermestes*) *wittei* Kalík, 1955.

***Dermestes (Dermestes) wittei* Kalík, 1955 (Map 2)**

Material examined: RSA, North West prov., 20 km W of Bothaville, Klerksdorp, Vaal riv., 31.I.2001, M. Snížek leg., 1 spec., J. Háva det. (JHAC); Namibia, Roy's Rest Camp, 56 km NE Grootfontein, 1200 m, 19.229635 S, 18.496070 E, 29-30.XII.2012, S. Murzin leg., 2 spec., J. Háva det. (JHAC).

Distribution: Species known from Congo, Gambia, Madagascar, Namibia, Nigeria, Rwanda, Somalia, South Africa, Tanzania and Zimbabwe (Háva 2003). New locality data from South Africa and Namibia.

Subfamily Megatominae

Tribe Anthrenini

***Anthrenus (Anthrenus) smetanai* Kadej & Háva, 2011**

Material examined: Morocco c., Aquelmame Aziqz, 32°58' N 05°29' W, 3.VI.2013, 1600 m, K. Orszulik leg., 2 females, J. Háva det. (JHAC).

Distribution: Species known from Algeria and Tunisia (Kadej & Háva 2011). New species for Morocco.

***Anthrenus (Setapeacockia) taricus* Zhantiev, 2006**

Material examined: Iran S, Hormozgan prov., Hajiabad, Flusslauf mit Kiesbänken, 920 m NN, 28°17.44'N 55°53.35'E, 13.III.2014, D. Frenzel leg., 1 female, J. Háva det. (NME).

Distribution: Species known from Pakistan, Iran and India: Rajasthan (Háva 2007). New locality data from Iran.

Tribe Megatomini

***Adelaidia haucki* Háva, 2000**

Material examined: Malaysia W, Kelantan, 70 km NW of Gua Musang, Mt. Chamah, 1900 m, Kamponh Perias, 17.IV-9.V.2014, P. Čechovský leg., 1 female, J. Háva det. (JHAC).

Remarks: The female specimen differs from the male by the dark elytral large subtriangular red-brown area and small antennal club. Total length of female 3.7 mm. Total length of male 3.2 mm.

Distribution: Species known from Malaysia (Háva 2003). New locality data from Malaysia.

***Globicornis (Elania) vaulgeri* Pic, 1900**

Material examined: Morocco, Imlil, 20.VI.2000, H. Mühle leg., 1 female, J. Háva & A. Herrmann det. (AHEC).

Distribution: Species known from Morocco and Tunisia (Háva 2007). New locality data from Morocco.

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

Material examined: Ile Maurice, Magenta, 2-4-70, Y. Gomy / *Orphinus fulvipes* Guér., Vl. Kalík det. 79, 1 spec., J. Háva revid. (MHNG); Ile Maurice, Fort Williaus, 21-4-71, s/poisson, Y. Gomy / *Orphinus fulvipes* Guér., Vl. Kalík det. 79, 1 spec., J. Háva revid. (MHNG).

Distribution: Cosmopolitan species (Háva 2003, 2007). New locality data from Mauritius.

***Thaumaglossa beali* Kadej & Háva 2013**

Material examined: Laos centr., Viang Chan pr., Ban Pa Kho resort, ca. 50 km NE of Vientiane, 90 m, 9-14.VI.2007, M. Štrba leg., 1 male, J. Háva det. (JHAC).

Distribution: Species known from Laos: Hua Phan province and Vientiane province (Kadej & Háva 2013). New locality data from Laos.

***Thaumaglossa rufomaculata* (Pic, 1938)**

Material examined: Malaysia, Tioman Island, Kampung Tekek, 6-15.I.2006, P. Viktora leg., 1 female, J. Háva det. (JHAC).

Distribution: Species known from Malaysia peninsula, Indonesia: Sumatra (Háva 2003). New locality data from Malaysia: Tioman Island.

***Trogoderma krejciki* Háva, 2011 (Map 3)**

Material examined: Fr. Guyane, FIT 1,5 m SAÛL Point de vue du Belvédère, 3°1'22"N, 53°12'34" E, 9.IX.2010, S.E.A.G. leg., 2 females, J. Háva det. (AHEC).

Distribution: Species known from Uruguay (Háva 2011). New species for French Guyana.

***Trogoderma seminigrum* Pic, 1915**

Material examined: Madagascar, Ile Ste Marie, Bety Plage, 16.I.1968, à la lumière, Y. Gomy leg. / *Piciella* g. n. *pici* Mr., V. Kalík det 79., 1 spec., J. Háva det. (MHNG).

Remarks: Kalík determined in the year 1979 the specimen as *Piciella* g. n. *pici*. Kalík's new genus *Piciella* is undescribed and all morphological characters are identical to the species *Trogoderma seminigrum* Pic, 1915 known from Madagascar.



Map 3. - Distributional map of *Trogoderma krejciki* Háva.

Subfamily Thorictinae

Tribe Thorictini

***Thorictus martinezi* Háva & Lenoir, 2008**

Remarks: Háva & Lenoir (2008) mentioned as host an ant species belonging to the genus *Cataglyphis* Förster, 1850. According to the study of the ant specialist Dr. Brian Taylor (England), the ant belongs to the species *Cataglyphis saharae* Santschi, 1929 (Hymenoptera: Formicidae).

***Thorictus sulcicollis* Pérez Arcas, 1868**

Material examined: Spain, Navarra prov., Tudela env., 2014, R. Boulay leg., 4 spec., J. Háva det. (JHAC).

Distribution: Species known from Algeria, Spain, Tunisia (Háva & Lenoir 2010). New locality data from Spain.

Remarks: All specimens collected in a nest of *Cataglyphis iberica* (Emery, 1906) (Hymenoptera: Formicidae). This is the second ant host known for this species, after *Cataglyphis hispanica* (Emery, 1906).

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