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New Faunistic Records of Dermestidae (Coleoptera) - Part 11

Jiří Háva, Marcin Kadej and Andreas Herrmann

Abstract

The following species are newly recorded: *Anthrenus (Anthrenodes) amoenulus* Reitter, 1896 (Afghanistan); *Anthrenus (Anthrenus) ethiopicus* Háva, 2004 (Ethiopia); *Anthrenus (Nathrenus) biskrensis* Reitter, 1887 (Spain); *Anthrenus (Nathrenus) bulirschii* Háva, 2000 (Greece); *Attagenus pilosissimus* Roubal, 1932 (Italy); *Attagenus placitus* Normand, 1950 (Morocco); *Attagenus smirnovi* Zhantiev, 1973 (Malaysia: Kelantan); *Cryptorhopalum trogodermoides* Reitter, 1881 (Paraguay); *Ctesias (Decemctesias) maculifasciata* (Reitter, 1899) (Iran); *Globicornis (Globicornis) bifasciata* (Perris, 1866) (Algeria); *Globicornis (Globicornis) nigripes* (Fabricius, 1792) (Albania); *Dermestes (Dermestes) semistriatus* Boheman, 1851 (Ethiopia); *Evorinea iota* (Arrow, 1915) (Kenya); *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838) (Syria); *Paranovelsis incognitus* (Háva, 2003) (Spain, Finland); *Paranovelsis jelineki* (Háva, 2004) (Turkey); *Paranovelsis maculatus* (Kalík, 2006) (Albania); *Thaumaglossa conradi* Pic, 1927 (Nigeria); *Thorictus bonnairei bonnairei* Wasmann, 1894 (Tunisia: Djerba I.); *Trinodes hirtus* (Fabricius, 1781) (Albania); *Trogoderma teukton* Beal, 1956 (Azerbaijan). A new combination is proposed: *Paranovelsis hadesi* (Kadej & Háva, 2014) comb. nov. within the genus *Attagenus*.

Keywords: Coleoptera, Dermestidae, faunistics, taxonomy, new records, new combination, world.

1. 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 of the species. Thus, each paper which supplements our knowledge in this field is valuable. In this paper new faunistic records of 21 species belonging to the family Dermestidae (Coleoptera) are given. The article is a continuation of a series of ten previous articles ^[4-7].

2. Material and Methods

Species are arranged in alphabetical order, the nomenclature and zoogeography follow the catalogues of ^[1-2].

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

- AHEC private collection of Andreas Herrmann, Stade, Germany;
 ASPC private collection of Adam Šima, Prague, Czech Republic;
 BMNH British Museum Natural History, London, United Kingdom;
 CIBA Centro Iberoamericano de la Biodiversidad, Alicante, Spain;
 DBEIC Department of Invertebrate Biology, Evolution and Conservation, Institute of Environmental Biology, Faculty of Biological Science, University of Wrocław, Poland;
 ECWP Emirates Center for Wildlife Propagation, Missouri, Morocco;
 JHAC Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic;
 JMHF Jaakko Mattila, private collection, Helsinki, Finland;
 LULS Linköping University, Linköping, Sweden;
 NMPC National Museum, Department of Entomology, Prague, Czech Republic;
 OXUM Hope Entomological Collections, University Museum, Oxford, United Kingdom;
 PJPC private collection of Pavel Jáchymek, Buchlovice, Czech Republic;
 PLCC private collection of Pietro Lo Cascio, Lipari, Italy;
 ZMAS Zoological Museum, Academy of Sciences, St.-Petersburg, Russia.

3. Faunistics

Subfamily Attageninae Tribe Attagenini

3.1. *Attagenus pilosissimus* Roubal, 1932

3.1.1. Material examined

Italy, Apulia region, Taranto pr. Martina Franca, Masseria Santoro, 4.v.2005, Liberti lgt., 1 female, J. Háva det. (AHEC).

3.1.2. Distribution

Species known only from Italy ^[9]; new locality data from Italy.

3.2. *Attagenus placitus* Normand, 1950

3.2.1. Material examined

Morocco, Missour Al Baten, 33.28926 -3.91115, 27.iv.2002, J. Yvernault leg. / Piège Barber 13p1-2, Reg à *Launea arborescens* B023AB, 4 spec., J. Háva det., (3 spec. ECWP, 1 spec. JHAC); the same data except 33.1789 -3.94244 / 06P1-3 AU003, Reg à *Lycium intricatum* et *Salsola sieberi*, 1 spec. J. Háva det. (ECWP).

3.2.2. Distribution

Species known only from Tunisia ^[2]; new species for Morocco.

3.3. *Attagenus smirnovi* Zhantiev, 1973

3.3.1. Material examined:

Malaysia W, Kelantan, Kg. Tunku, Mt. Noring Timur, 150 km S of Jeli, 21.ii-14.iii.2013, P. Čechovský lgt., 1 female, J. Háva det., (JHAC).

3.3.2. Distribution

Species known from Europe, Turkey, Eritrea, Ethiopia, Kenya, Morocco, Sudan, Greenland, Oman, Russia, Saudi Arabia, Thailand ^[1-2]; new species for Malaysia (introduced and synanthropic).

3.4. *Paranovelsis jelineki* (Háva, 2004)

= *Attagenus jelineki* Háva, 2004.

3.4.1. Material examined

Turkey, Hakkari prov., Akcali, 35 km S Hakkari, 1700 m., 37°71'N 44°03'E, 21.iv.2010, W. Grosser lgt., 1 male, J. Háva det., (JHAC); Turkey, Adiyaman, Komur, N 37 55 900; E 38 28 352, 2011, Pinaryayla & Karaman Mezrasi, 30 km N, T. Kayis, M. Coskun, N. Jansson lgt., 17 spec. J. Háva & M. Kadej det. (LULS).

3.4.2. Distribution.

Species known from Iran and Turkey ^[2]; new locality data from Turkey.

3.5. *Paranovelsis incognitus* (Háva, 2003)

= *Attagenus incognitus* Háva, 2003.

3.5.1. Material examined

Spain, Bastida, Salamanca, 21.viii.2012, leg. García Micó Ramírez, 1 spec., J. Háva det., (DBEIC); Finland, 62.2275, 25.7623, Tb: Jyväskylä, Kekkola, 11.iv. 2010, Jaakko Mattila leg., from the piece of cork oak (*Quercus suber*), 1 spec., J. Mattila det., J. Háva revid., (JMHF).

3.5.2. Distribution

Species known from Spain and Switzerland ^[3]; new locality data from Spain; new species for Finland (introduced).

3.6. *Paranovelsis maculatus* (Kalík, 2006)

= *Attagenus maculatus* Kalík, 2006.

3.6.1. Material examined

Albania, Himare vill. Env. 40°06'N 19°44'E, 6-11.vii.2013, J. Schneider lgt. 1 female, J. Háva det. (JHAC).

3.6.2. Distribution

Species known from Bulgaria and Greece ^[2]; new species for Albania.

3.7. *Paranovelsis hadesi* (Kadej & Háva, 2014) comb. nov.

= *Attagenus hadesi* Kadej & Háva, 2014: 2.

3.7.1. Remarks

The species has been recently described as *Attagenus hadesi* Kadej & Háva, 2014. Because of the set of characters *Attagenus hadesi* Kadej & Háva, 2014 currently has been transferred to the genus *Paranovelsis*.

Subfamily Dermestinae Tribe Dermestini

3.8. *Dermestes (Dermestes) semistriatus* Boheman, 1851

3.8.1. Material examined:

Ethiopia, 23 km E Jinka, 13.v.2013, I. Martinů lgt. 1 male, J. Háva det. (JHAC).

3.8.2. Distribution

Species known from Benin, Botswana, Congo, Mozambique, South Africa, Tanzania, Zimbabwe ^[1]; new species for Ethiopia.

Subfamily Megatominae Tribe Anthrenini

3.9. *Anthrenus (Anthrenus) ethiopicus* Háva, 2004

3.9.1. Material examined:

Ethiopia, Somaliland, 20 km W of Jijiga, 5.vi.2011, V. Hula & J. Niedobová leg. 1 spec. J. Háva det. (NMPC).

3.9.2. Distribution

Species known only from Ethiopia ^[1]; new locality data from Ethiopia.

3.10. *Anthrenus (Nathrenus) biskrensis* Reitter, 1887

3.10.1. Material examined

Spain, Bastida, Salamanca, 2012, 4 spec., J. Háva & M. Kadej det., (CIBA).

3.10.2. Distribution

Species known from Lampedusa, Malta, Sicily, Algeria, Libya, Morocco, Tunisia ^[2]; new species for Spain.

3.11. *Anthrenus (Nathrenus) bulirschi* Háva, 2000

3.11.1. Material examined

Greece, Póros Is., Leondopolou, near, N37°31'19'' E23°25'43'', 15.vi.2003, coll. D. J. Mann, 10 spec., M. Kadej det., (OXUM).

3.11.2. Distribution

Species known from Israel, Lebanon, Syria, Turkey ^[2]; new species for Greece.

Tribe Megatomini

3.12. *Ctesias (Decemctesias) maculifasciata* (Reitter, 1899)

3.12.1. Material examined:

Iran, Boyer-Ahmad o. Kohgiluzeh prov. Kuh Gol, near Sisakht, Dena Mts., 2500 m., 30°84'N 51°53' E, 9.vi.2010, W. Grosser lgt. 1 female, J. Háva det. (JHAC).

3.12.2. Distribution

Species known from Turkey and Syria ^[2]; new species for Iran.

3.13. *Cryptorhopalum trogodermoides* Reitter, 1881

3.13.1. Material examined

Paraguay, Sapucay, Dep. Paraguari, 1.xi.1992, leg. Ulf Drechsel, 1 spec. A. Herrmann det. (AHEC); Paraguay, Altos, Dep. Cordillera, 16.viii.1991, leg. Ulf Drechsel, 6 spec. A. Herrmann det. (AHEC).

3.13.2. Distribution

Species known only from Brazil ^[1]; new species for Paraguay.

3.14. *Globicornis (Globicornis) bifasciata* (Perris, 1866)

3.14.1. Material examined

„Alger, Deyrolle“ [hand written label] / „Megatoma puberula Reiche“ [hand written label] / „coll. Reiche – A. Jacovlev“, 1 spec., J. Háva det., (ZMAS); „Bona Algeria“ [hand written label] / „Megatoma puberula Reiche“ [blue hand written label] / „coll. Reiche – A. Jacovlev“, 1 spec., J. Háva det., (ZMAS).

3.14.2. Remarks

In the collection of ZMAS there are presented two specimens which have been determined as „*Megatoma puberula* Reiche“. The species *puberula* has never been described. The detailed analysis of morphological characters has confirmed that *M. puberula* is identical with *G. bifasciata* (Perris, 1866).

3.14.3. Distribution

Species known from France, Mallorca, Sicily, Spain, Algeria, Tunisia ^[2].

3.15. *Globicornis (Globicornis) nigripes* (Fabricius, 1792)

3.15.1. Material examined:

Albania, Divjakë vill., 4 km SWW, 5 m, 40°58'N 19°28'E, 5.v.2013, sweeping, P. Jáchymek leg., 12 spec., J. Háva det., (10 PJPC, 2 JHAC); the same data but A. Šima lgt., 5 spec., J. Háva det., (4 spec. ASPC, 1 spec. JHAC).

3.15.2. Distribution.

Species known from Europe, Russia ^[2]; new species for Albania.

3.16. *Oprhinus (Oprhinus) fulvipes* (Guérin-Ménéville, 1838)

3.16.1. Material examined:

„Syria, Trogoderma hirsutulum Muls“ / „coll. L. Reiche – A. Jacovlev“, 1 male, J. Háva & M. Kadej det., (ZMAS).

3.16.2. Distribution.

Cosmopolitan species, distributed in the Palaearctic region ^[2]; new species for Syria.

3.17. *Thaumaglossa conradti* Pic, 1927

3.17.1. Material examined:

S. Nigeria, Moor Plan't c 580ft. 4m W. of Ibadan, Em. 8-28.viii.13,

W.A. Lamborn (3 exx.), J. Háva & M. Kadej det., (OXUM); S. Nigeria, Moor Plan't c 580ft. 4m W. of Ibadan, Em. 12.vii.1913, W.A. Lamborn, 3 spec., J. Háva & M. Kadej det., (OXUM).

3.17.2. Distribution

Species known from Cameroon Congo, Ghana, Guinea Ecuatorial, Ivory Coast, South Africa, Togo, Uganda ^[1]; new species for Nigeria.

3.18. *Trogoderma teukton* Beal, 1956

3.18.1. Material examined

Azerbaijan, Mingeczaur, 14.vi.-3.vii.1976, O. Hovorka lgt., *Trogoderma* sp. V. Kalík det. 1986, 2 spec., J. Háva det., (NMPC).

3.18.2. Distribution

Species known from USA: Colorado, Illinois, Indiana, Iowa, Kansas, Minnesota, Montana, Nevada, North Dakota, Ohio, Wisconsin, China, Iran, Japan, Kazakhstan, Kyrgyzstan, North Korea, Russia, South Korea and Tadjikistan ^[2]; new species for Azerbaijan.

Subfamily Thorictinae Tribe Thorictini

3.19. *Thorictus bonnairei bonnairei* Wasmann, 1894

3.19.1. Material examined

Tunisia, Djerba I., iv.2005, P. Lo Cascio leg., 1 spec., J. Háva det., (PLCC).

3.19.2. Distribution

Species known from Algeria, Tunisia and Morocco ^[1]; new locality data from Tunisia: Djerba I.

Subfamily Trinodinae Tribe Trinodini

3.20. *Evorinea iota* (Arrow, 1915)

3.20.1. Material examined

„Kenya, Diani Beach ad Mombasa, 16-23.xii.2012, B. & G. Dryjski lgt“, 1 spec., J. Háva det., (JHAC).

3.20.2. Distribution

Species known from Reunion, Japan, Philippines, Sumatra, Taiwan, Thailand, Vietnam, Caroline Is., Kiribati (Gilbert Is.), Mariana Is., Palau, Papua New Guinea, Ponape, Tanimbar Is., Tonga, Truk, West Papua ^[1]; new species for Kenya.

3.21. *Trinodes hirtus* (Fabricius, 1781)

3.21.1. Material examined

Albania, Nartë vill., alt. 0 m, 40°30'N19°27'E, 7.v.2013, A. Šima lgt., 2 spec., J. Háva det., (1 spec. ASPC, 1 spec. JHAC).

3.21.2. Distribution

Species known from Europe, Algeria, Tunisia, Caucasus, Israel, Russia, Turkmenistan ^[2]; new species for Albania.

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