

New faunistic records and remarks on Dermestidae (Coleoptera). Part 21

Новые фаунистические находки и замечания о жуках-кожеедах (Coleoptera, Dermestidae). Часть 21

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Ключевые слова: таксономия, фаунистика, новые находки, Coleoptera, Dermestidae.

Abstract. 17 species of dermestid beetles are newly recorded from different localities of the world: *Anthrenus (Anthrenodes) maculifer* Reitter, 1881, Philippines: Palawan; *A. (Anthrenus) kenyaensis* Háva, 2004, Zimbabwe; *Attagenus apicebrunneus* Kalík, 1955, South Africa; *A. fasciatus* (Thunberg, 1795), Mali, Myanmar, Panama; *A. posticalis* Fairmaire, 1879, Jordan; *Cryptorhopalum orbiculosum* Reitter, 1881, Bolivia; *C. pilosum* Kirsch, 1870, Peru; *Dermestes (Dermestes) ater* DeGeer, 1774, Djibouti, Malaysia: Sabah; *D. (Dermestinus) frischii* Kugelann, 1792, Djibouti; *D. (Dermestinus) gyllenhalii gyllenhalii* Laporte de Castelnau, 1840, Bosnia-Herzegovina; *D. (Dermestinus) maculatus* DeGeer, 1774, Djibouti; *D. (Dermestinus) undulatus* Brahm, 1790, Portugal: Madeira; *D. (Montandonia) olivieri* Lepesme 1939, Slovenia; *Katkaenus spectaculus* Háva, 2006, Laos; *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838), Guinea Equatorial, Panama; *Paranovelsis siteki* Háva, 2020, Croatia; *Reesa vespulae* (Milliron, 1939), Portugal: Madeira.

Резюме. Приводятся новые находки *Anthrenus (Anthrenodes) maculifer* Reitter, 1881 для Филиппин (Палаван); *A. (Anthrenus) kenyaensis* Háva, 2004 для Зимбабве; *Attagenus apicebrunneus* Kalík, 1955 для ЮАР; *A. fasciatus* (Thunberg, 1795) для Мали, Мьянмы и Панамы; *A. posticalis* Fairmaire, 1879 для Иордании; *Cryptorhopalum orbiculosum* Reitter, 1881 для Боливии; *C. pilosum* Kirsch, 1870 для Перу; *Dermestes (Dermestes) ater* DeGeer, 1774 для Джибути и Малайзии (Сабах); *D. (Dermestinus) frischii* Kugelann, 1792 для Джибути; *D. (Dermestinus) gyllenhalii gyllenhalii* Laporte de Castelnau, 1840 для Боснии и Герцоговины; *D. (Dermestinus) maculatus* DeGeer, 1774 для Джибути; *D. (Dermestinus) undulatus* Brahm, 1790 для Португалии (Мадейра); *D. (Montandonia) olivieri* Lepesme, 1939 для Словении; *Katkaenus spectaculus* Háva, 2006 для Лаоса; *Orphinus (Orphinus) fulvipes* (Guérin-Méneville, 1838) для Экваториальной Гвинеи и Панамы; *Paranovelsis siteki* Háva, 2020 для Хорватии; *Reesa vespulae* (Milliron, 1939) для Португалии (Мадейра).

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 species. Thus, each paper, which supplements our knowledge in this field, is valuable. In the present paper, 17 species belonging to the family Dermestidae (Coleoptera) are recorded and 3 three species are discussed. The article is a continuation of a series of 20 previous articles [e. g. Háva, Herrmann 2016, 2018, 2019a, b, 2020].

Material and methods

Species are arranged in alphabetical order, the nomenclature and zoogeography follow the catalogue of Háva [2015, 2020a].

The following abbreviations refer to the collections, in which the examined materials are deposited: **AHEC** — Andreas Herrmann, private collection, Stade, Germany; **BMNH** — British Museum Natural History, London, United Kingdom; **FAPC** — Antonio Miguel Franquinho Aguiar, private collection, Madeira, Spain; **ICLAM** — Insect Collection Laboratório Agrícola da Madeira, Madeira, Spain; **ISNB** — National Belges d'Insectes et d'Arachnides, Bussels, Belgium; **JHAC** — Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic; **JLPC** — Josiane Lips, private collection, Lyon, France; **JMLC** — Jean-Michel Lemaire, private collection, Alpes-Maritimes, France; **MIUP** — Universidad de Panamá, Museo de Invertebrados «G.B. Fairchild», Panamá, Panama; **MZUF** — Museo Zoologico «La Specola», Firenze, Italy; **TMSA** — Ditsong National [Transvaal Museum] Museum of Natural History, Pretoria, South Africa; **ZMUB** — Humbolt-Universität [Zoologisches Museum], Museum für Naturkunde, Berlin, Germany; **WWPC** — Wolfgang Waitzbauer, private collection, Drosendorf, Austria.

Undescribed taxa

In the Museum für Naturkunde, Berlin, Germany (ZMUB) the authors determined three unpublished specimens:

Anthrenus (Nathrenus) biskrensis Reitter, 1887

Figs 1–2.

= *Anthrenus repandus* Erichson

Material. Italy, «Hist.-Coll. (Coleoptera), Nr. 9298, *Athrenus repandus* Erichs., Sicil., Zell. Zool. Mus. Berlin/9298 / *repandus* Er, Sicil. Zell.» — 1 spec., (ZMUB).

Remarks. The specimen from Sicilia labelled as *Anthrenus repandus* Erichson is undescribed. According to the characters it belongs to *Anthrenus (Nathrenus) biskrensis* Reitter, 1887.

Orphinus (Orphinus) terminalis
(Sharp in Blackburn et Sharp, 1885)

Figs 3–4.

= *Trogoderma vagans* Fauvel.

Material. New Caledonic, «N. Caled / *Trogoderma vagans* Fauv. N. Caledon. / *Trogoderma vagans* Fvl.» «Coll — L.W. Schaufuss» — 1 spec., (ZMUB).

Remarks. The specimen from New Caledonia labelled as *Trogoderma vagans* Fauvel is undescribed and not mentioned in Fauvel [2003]. According to the characters it belongs to *Orphinus (Orphinus) terminalis* (Sharp in Blackburn et Sharp, 1885).

Distribution. Species known from Hawaiian Is., Philippines, Cook Is., Gilbert Is., South Mariana Is., Marshall Is., Samoa Is., Upolu Is. [Háva, 2015], new for New Caledonia.

Orphinus sp.

Figs 5–6.

Material. New Caledonic, «N. Caled. / *Trogoderma migrator* Fauv. N. Caledon. / *Attagenus* ?, N. Caledon. / *Trogoderma migrator* Fvl.» «Coll — L.W. Schaufuss» — 1 spec., (ZMUB).

Remarks. The specimen from New Caledonia labelled as *Trogoderma migrator* Fauvel is undescribed and not mentioned in Fauvel [1903]. According to the torso (elytrae and abdomen) the specimen probably belongs to the genus *Orphinus* Motschulsky.

Faunistics

Dermestinae
Dermestini

Dermestes (Dermestes) ater DeGeer, 1774

Material. Malaysia, N. Borneo, Sabah, (nr. Kpg. Bunsit), 1.05.1984, Masaaki Nishikawa leg., 1 female, A. Herrmann det., (AHEC); Djibouti, about 5 km SW Obock, surr. Campement Oubouki, 24–27.1.2016, P. Agnelli, A. Nistri, A. Ugolini leg. (n°Magazz.3076) — 1 spec., J. Háva det., (MZUF).

Distribution. Cosmopolitan species, first concrete record from Malaysia: Sabah and Djibouti.

Dermestes (Dermestinus) frischii Kugelann, 1792

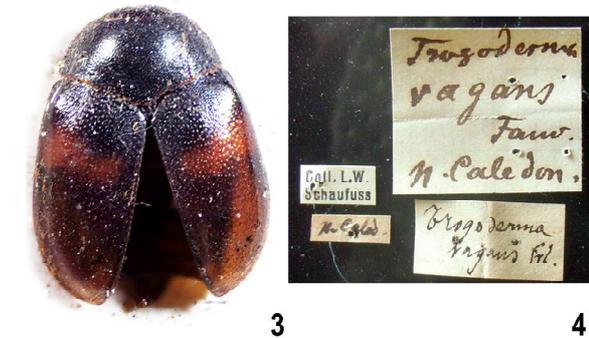
Material. Djibouti, a W of Obock, (11°57'39" N, 43°14'52" E), 21.2.2013, P. Agnelli, A. Nistri & A. Ugolini leg., Mag. N. 2803 / Djibouti, nella testa in decomposizione di *Isnemia albicauda* Cuvier, 1829 (Herpestidae, Carnivora) — 3 spec., J. Háva det., (2 MZUF, 1 JHAC).

Distribution. Cosmopolitan species, first concrete record from Djibouti.



Figs 1–2. *Anthrenus (Nathrenus) biskrensis* (= *Anthrenus repandus*): 1 — habitus, dorsal aspect; 2 — labells.

Рис. 1–2. *Anthrenus (Nathrenus) biskrensis* (= *Anthrenus repandus*): 1 — внешний вид, сверху; 2 — этикетки.



Figs 3–4. *Orphinus (Orphinus) terminalis* (Sharp in Blackburn et Sharp, 1885) (= *Trogoderma vagans* Fauvel): 3 — habitus, dorsal aspect; 4 — labells.

Рис. 3–4. *Orphinus (Orphinus) terminalis* (Sharp in Blackburn et Sharp, 1885) (= *Trogoderma vagans* Fauvel): 3 — внешний вид, сверху; 4 — этикетки.



Figs 5–6. *Orphinus* sp. (= *Trogoderma migrator* Fauvel): 5 — habitus, dorsal aspect; 6 — labells.

Рис. 5–6. *Orphinus* sp. (= *Trogoderma migrator* Fauvel): 5 — внешний вид, сверху; 6 — этикетки.

Dermestes (Dermestinus) gyllenhalii gyllenhalii
Laporte de Castelnau, 1840

Material. Bosnien-Herzegowina, Mostar/Neretva-Ufer, 18.08.1977, G. A. Lohse leg. — 1♀, A. Herrmann det., (AHEC).

Distribution. Species known from Europe, Caucasus, Iran, Kazakhstan, Russia, first concrete record from Bosnia-Herzegovina.

Dermestes (Dermestinus) maculatus DeGeer, 1774

Material. Djibouti, Tadjoura Reg., Bankouwale (11°49' N, 42°40' E), 28.II–1.III.2013, leg. Agnelli, Nistri, Ugolini / Museo Zoologico «La Specola» Num. Mag. 2951 — 1 spec., J. Háva det., (MZUF).

Distribution. Cosmopolitan species, first concrete record from Djibouti.

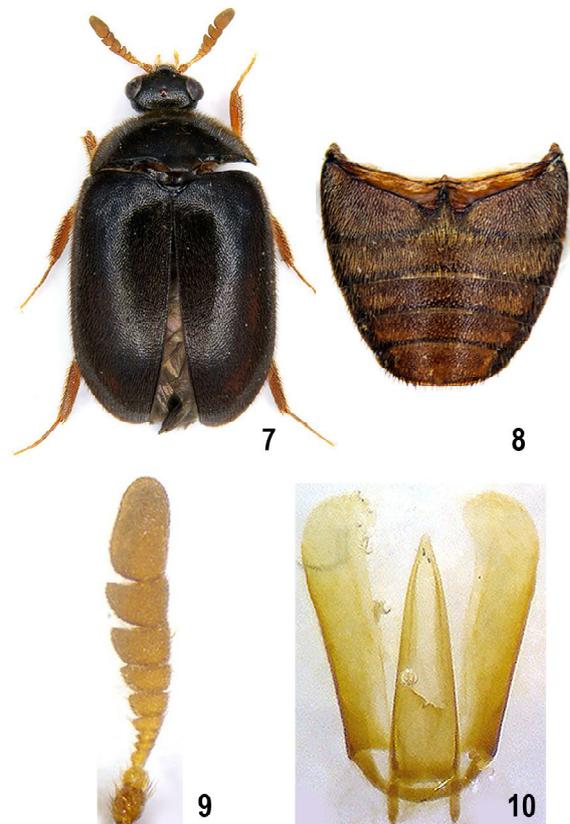
Dermestes (Dermestinus) undulatus Brahm, 1790

Material. Portugal, ICLAM05773: multi-funnel pheromone trap on *Pinus pinaster*, Boca da Corrida, Camara de Lobos, Madeira Island, 32.7015706, -16.9920528, 1000 m, 16.07.2015, A. Aguiar leg. — 1 spec., (ICLAM); ICLAM05862: multi-funnel pheromone trap on *Pinus pinaster*, Sucata, Santana, Madeira Island, 32.7896892, -16.8897118, 682 m, 27.08.2015, A. Aguiar leg. — 1♀, (ICLAM); cFA1763: multi-funnel pheromone trap on *Pinus pinaster*, Loral, Sro Vicente, Madeira Island, 32.7680614, -17.0342871, 534 m, 2.09.2015, A. Aguiar leg. — 1♂, (FAPC).

Distribution. Holarctic species, new to Portugal: Madeira Island.

Dermestes (Montandonia) olivieri Lepesme, 1939

Material. Slovenien, Rovinj/Istrien, IX.1967, Just leg. — 1 spec., A. Herrmann det., (AHEC).



Figs 7–10. *Katkaenus spectaculus* Háva, 2006 (Laos): 9 — habitus, dorsal aspect; 10 — antenna of male; 11 — abdomen; 12 — male genitalia.

Рис. 7–10. *Katkaenus spectaculus* Háva, 2006 (Laos): 9 — внешний вид; 10 — усик, самец; 11 — брюшко; 12 — гениталии, самец.

Distribution. Species known from C, S Europe, Armenia, Georgia, Cyprus, Ukraine, Turkey, Tunisia, Iran, Lebanon, Russia, Syria and Turkmenistan, first concrete record from Slovenia.

Attageninae

Attagenus apicebrunneus Kalík, 1955

Material. South Africa, «S.Afr., Cape Prov., Vanzysrus 167 km W, 26.3.1990 / on flowers, leg. J. Klimaszewski» — 7 spec., J. Háva, A. Herrmann det., (5 TMSA, 2 AHEC).

Distribution. Species known from Kenya; Malawi; Tanzania; Zambia; Zimbabwe, new for South Africa.

Remarks. The specimens were already recorded erroneously as *Attagenus donckieri* Pic, 1916 [Háva, Herrmann 2018], but now it has turned out that the record based on a wrong identification. The concerning specimens actually belong to *Attagenus apicebrunneus* Kalík, 1955.

Attagenus fasciatus (Thunberg, 1795)

Material. Myanmar (Burma), Bagan, Irrawaddy — Ufer, 7.02.1998, Ernst Heiss leg., 1 spec., A. Herrmann det., (AHEC); República de Panamá, Provincia Panamá, San Miguelito, Villa Guadalupe, 25.enero 1980, leg. E. Polo — 1 spec., J.M. Kingsolver det., (MIUP); Mali, Bamako Soudan, 10.05.1946, ex coll. Bettinger — 12 spec., A. Herrmann det., (10 ISNB, 2 JHAC).

Distribution. Cosmopolitan species, first concrete records from Mali, Myanmar and Panama.

Attagenus posticalis Fairmaire, 1879

Material. Jordania, Wadi Rum Sand desert, 29°34' N, 35°26' E, I-2014, leg. Waitzbauer — 1♂, 2♀♀, A. Herrmann det., (2 AHEC, 1 WWPC).

Distribution. Species known from Spain, Algeria, Egypt, Eritrea, Ethiopia, Mauretania, Morocco, Niger, Senegal, Sudan, Tunisia, Israel, Kuwait, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates and Yemen, new to Jordan.

Katkaenus spectaculus Háva, 2006

Figs 7–10.

Material. Laos, Xe Bang Fai/Khammouan, Feb. 1919, leg. Terry Bolger — 9♂♂, J. Háva det., (3 AHEC, 1 JHAC, 4 JMLC, 1 JLPC).

Distribution. Species known from India: Tamil Nadu, new to Laos.

Paranovelsis siteki Háva, 2020

Material. Croatia, «Požeža [Croatia, 45°20' N 17°41' E, 145 km SW of Zagreb], 20.5.1914» — 1♂, J. Háva det., coll. A. Olexa., (JHAC).

Distribution. Species described from Greece (Háva 2020b), new to Croatia.

Megatominae

Anthrenini

Anthrenus (Anthrenodes) maculifer Reitter, 1881

Material. Philippines, Palawan, San Vicente, Oct. 2019, local collector — 2 spec., J. Háva det., (JHAC).

Distribution. Species known from China, India, Indonesia, Japan, Laos, Malaysia, Myanmar, Nepal, Taiwan, Thailand and Vietnam, new to Philippines: Palawan.

Anthrenus (Anthrenus) kenyaensis Háva, 2004

Material. Zimbabwe, Salisbury, Mashonaland, Marshall, 1915.334 — 1 spec., J. Háva det., (BMNH).

Distribution. Species known from Kenya, South Africa: Transvaal, Tanzania, new to Zimbabwe.

Megatomini

Cryptorhopalum orbiculosum Reitter, 1881

Material. **Bolivia**, Buena Vista/Santa Cruz/Ichilo, 10.2.2000, W. B. Warner leg. — 1 spec., A. Herrmann, J. Háva det., (AHEC).

Distribution. Species known from Antilles Isl.: St. Lucia, Brazil, Colombia, French Guiana, Panama, Peru, Tobago and Venezuela, new to Bolivia.

Cryptorhopalum pilosum Kirsch, 1870

Material. **Peru**, Dep. Cuzco, 15 km S Quillabamba, 2 km W Chaullay, 3.06.2007, Robert Constantin leg. — 1♂ A. Herrmann det., (AHEC); **Peru**, reg. Huánuco, Tingo Maria 40 km NE Abra Divisoria, Rio Azul, 11.04.2013, Robert Constantin leg. — 2 spec., A. Herrmann det., (AHEC).

Distribution. Species known from Colombia, Costa Rica, Nicaragua, Panama and Trinidad, new to Peru.

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

Material. **Guinea Espanol**, Evinayong, Dr. L. Báguena — 20 spec., A. Herrmann det., (AHEC); Fernando Poo, Sta. Isabel, VII.1919 Escalera — 1 spec., A. Herrmann det., (AHEC); **República de Panamá**, Provincia Panamá, Orilla Lago Alajuela, 27.Oct.1978, leg. A. Arauz — 1 spec., R. Cambra det., (MIUP); **República de Panamá**, Las Cumbres, 6. Feb.–5. Mar. 1985, leg. H. Wolda (light trap) — 1 spec., J.M. Kingsolver det., (MIUP).

Distribution. Cosmopolitan species, new to Guinea Equatorial and Panama.

Reesa vespulae (Milliron, 1939)

Material. **Portugal**, ICLAM03815: collected inside lab building, Ribeirinha, Camacha, Madeira Island, 32.6728371, -16.8473992, 649 m, 28.06.2011, A. Aguiar leg., 1 spec., A. Herrmann revid., (ICLAM).

Distribution. Species known from Europe, north Africa, Canada, U.S.A., Mexico, Argentina, Chile, Afghanistan, Chi-

na, Japan, Korea, Russia, Australia and New Zealand, new to Portugal: Madeira Island.

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