New faunistic records and remarks on Dermestidae (Coleoptera).

Part 21

J. Háva*, A. Herrmann**

И. Гава*, А. Германн**

* Forestry and Game Management Research Institute, Strnady 136, Praha 5 - Zbraslav CZ-156 00 Czech Republic. E-mail: jh.dermestidae@volny.cz.
* Научно-исследовательский институт охотничьего хозяйства, Стрнады 136, Прага 5 - Збраслав CZ-156 00 Чешская Республика.

** Bremervölder Strasse 123, Stade D-21682 Germany. E-mail: herrmann@coleopterologie.de.
** Бремерфёдер штрассе 123, Штаде D-21682 ФРГ.

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

Ключевые слова: таксонаомия, 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) kenyensis 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; D. (Dermestes) gyl-lenhalii gyllenhalii Laporte de Castelnau, 1840, Bosnia-Herzegovina; D. (Dermestinus) maculatus DeGeer, 1774, Djibouti; D. (Dermestinus) undulatus Brahm, 1790, Portugal: Madeira; D. (Mon-tandonia) olivieri Lepesme 1939, Slovenia; Katkaenus spectaculatus Háva, 2006, Laos; Orphius (Orphius) fulvipes (Guérin-Méneville, 1838), Guinea Equatorial, Panama; Paranovelsis siteki Háva, 2020, Croatia; Reesa vespalae (Milliron, 1939), Portugal: Madeira.

Резюме. Приводятся новые находки Anthrenus (Anthrenodes) maculifer Reitter, 1881 для Филиппин (Палаван); A. (Anthrenus) kenyensis 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. (Dermestes) frischii Kugelann, 1792, Djibouti; D. (Dermestinus) gyl-lenhalii gyllenhalii Laporte de Castelnau, 1840, Босния и Герцеговина; D. (Dermestitus) maculatus DeGeer, 1774 для Джибути; D. (Dermestinus) undulatus Brahm, 1790, Португалия: Мадейра; D. (Montandonia) olivieri Lepesme, 1939 для Португалии; Katkaenus spectaculatus Háva, 2006 для Лаоса; Orphius (Orphius) fulvipes (Guérin-Méneville, 1838) для Гвинеи экваториальной, Панамы; Paranovelsis siteki Háva, 2020 для Хорватии; Reesa vespalae (Milliron, 1939) для Португалии (Мадейра).
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, Anthrenus 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 Fauv. 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. / Trogoderma migrator Fauv. 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, Masaki 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 (Dermestes) 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., (MZUF).

**Distribution.** Cosmopolitan species, first concrete record from Djibouti.

**Dermestes (Dermestinus) gyllenhali gyllenhali** Laporte de Castelnaud, 1840

**Material.** Bosnien-Herzegowina, Mostar/Heretva-Ulfl, 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 Bosna-Herzegovina.

*Dermestes (Dermestinus) maculatus* DeGeer, 1774

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

**Distribution.** Cosmopolitan species, first concrete record from Djibouti.

*Dermestes (Dermestinus) undulatus* Brahm, 1970

**Material.** Portugal, ICLAM035773: multi-funnel pheromone trap on Pinus pinaster, Boca da Corrida, Câmara de Lobos, Madeira Island, 32.7015706, -16.9920528, 1000 m, 16.07.2015, A. Aguiar leg. — 1 spec., (ICLAM); cFA1763: multi-funnel pheromone trap on Pinus pinaster, Sacata, Santana, Madeira Island, 32.786892, -16.8897118, 682 m, 27.08.2015, A. Aguiar leg. — 1 spec., (ICLAM); eFA1763: multi-funnel pheromone trap on Pinus pinaster, Loural, Sro Vicente, Madeira Island, 32.680614, -17.0342871, 534 m, 209.2015, A. Aguiar leg. — 1 spec., (FAPC).

**Distribution.** Cosmopolitan species, new to Portugal: Madeira Island.

*Dermestes (Montandonia) olivieri* Lopesme, 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.

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

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

**Paranovelsis siteki** Háva, 2020

**Material.** Croatia, «Požega [Croatia, 45°20' N 17°41' E, 145 km SW of Zagreb]» 20.5.1914 — 10 spec., J. Háva det., (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 (Anthrenodes) kenyaeensis* 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.

*Attageninæ* *Attagenus apicebrunneus* Kalík, 1955

**Material.** South Africa, »S.Afr., Cape Prov., Vanzyisrus 167 km W, 26.3.1990 / on flowers, leg. J. Klimaszewskis — 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), Ragan, 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., (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 spec., (JHAC). **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.** Katkaenus spectaculus Háva, 2006 (Laos): 9 — habitus, dorsal aspect; 10 — antenna of male; 11 — abdomen; 12 — male genitalia.

**Rис. 7–10.** Katkaenus spectaculus Háva, 2006 (Laos): 9 — внешний вид; 10 — усики, самец; 11 — брюшко; 12 — гениталии, самец.
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. Curico, 15 km S Quillabamba, 2 km W Chaullay, 306.07, Robert Constantin leg. — 10° 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. Banda — 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, -16.847992, 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, China, Japan, Korea, Russia, Australia and New Zealand, new to Portugal: Madeira Island.

Acknowledgements

We are indebted to all colleagues and collectors for the chance to study their material. The paper was supported by the Ministry of Agriculture of the Czech Republic, institutional support MZE-RO0118.

References

Fauvel A. 1903. Faune analytique des Coléoptéres de la Nouvelle Calédonie // Revue Entomologique. Vol.22. P.203–379.
Háva J. 2015. World Catalogue of Insects. Volume 13. Dermestidae (Coleoptera). Leiden/Boston: Brill, xxvi + 419 p.
Háva J. 2020a. Dermestidae World (Coleoptera). World Wide Web electronic publication (open in 2004): http://www.dermestidae.wz.cz (version 2018, update January 2020)
Háva J. 2020b. A new species of the genus Paranovelsis Casey, 1900 from Greece (Coleoptera: Dermestidae: Attageninae) // Studies and Reports, Taxonomical Series. Vol.16. No.1. P.79–83.
Háva J., Herrmann A. 2016. New faunistic records and remarks on Dermestidae (Coleoptera) — Part 16 // Folia Heyrovskyana. Ser.A Vol.25. No.1. P.79–83.
Háva J., Herrmann A. 2018. New faunistic records and remarks on Dermestidae (Coleoptera). Part 17 // Folia Heyrovskyana. Ser.A. Vol.26. No.1. P.13–18.
Háva J., Herrmann A. 2019a. New faunistic records and remarks on Dermestidae (Coleoptera) — Part 18 // Studies and Reports, Taxonomical Series. Vol.15. No.1. P.41–53.
Háva J., Herrmann A. 2019b. New faunistic records and remarks on Dermestidae (Coleoptera). Part 19 // Natura Somogyiensis. Vol.33. P.27–36.
Háva J., Herrmann A. 2020. New faunistic records and remarks on Dermestidae (Coleoptera). Part 20 // Natura Somogyiensis. Vol.34. P.9–20.

Поступила в редакцию 11.01.2021