

The families Dermestidae and Bostrichidae (Coleoptera: Bostrichoidea) in the United Arab Emirates

К познанию семейств Dermestidae и Bostrichidae (Coleoptera: Bostrichoidea) Объединённых Арабских Эмиратов

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Abstract. 16 species from the families Bostrichidae and Dermestidae from the United Arab Emirates are summarized. The species, *Sinoxylon crassum* Lesne, 1897, is newly recorded from the United Arab Emirates, and other species known from there are listed.

Резюме. В Объединённых Арабских Эмиратах собрано 16 видов из семейств Bostrichidae и Dermestidae. *Sinoxylon crassum* Lesne, 1897 впервые обнаружен в на этой территории. Составлены списки видов этих семейств, известных из Объединённых Арабских Эмиратов.

Introduction

The beetles in the family Bostrichidae known from the United Arab Emirates (UAE) was published by Geisthardt [2010] and those in the family Dermestidae by Háva [2009, 2013]. The present article summarises species from an expedition to the United Arab Emirates by Czech entomologists in the year 2022. One species is newly recorded from the United Arab Emirates and 15 other species are mentioned from new localities (Figs 1–5).

The expedition to the United Arab Emirates took place in the spring of 2022, from 1 to 11 April. We collected insects at various locations around the country using a variety of methods, primarily attraction to the light at night, sweeping, beating vegetation and individual collecting from flowers, wood and under rocks. The aim of the expedition was not only to try to capture as much biodiversity of beetles as possible, but also to experience the beauty of this Arab country.

Material and Methods

The material studied is deposited in the following collections: JHAC — Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic;

LBPC — Lukáš Bureš, private collection, Brno, Czech Republic; DKPC — David Kopr, private collection, Brno, Czech Republic.

Material from UAE was identified by J. Háva and collected from the following localities: **1** — UAE, Ras al-Khaimah, Shawka, 310 m, 25.1013° N, 56.0357° E, 1.04.2022, **2** — Sharjah, Milehah, Jabal Al Fayah, 25.0690° N, 55.8312° E, 190 m, 3.04.2022, **3** — UAE, Ras Al-Khaimah Emirate, btw Al Khari and Shawka dam, 280 m, 25.1013° N, 56.0357° E, 1–2.04.2022, **4** — UAE, Umm Al Quwain, Al Surrah, 40 m, 25.4457° N, 55.6274° E, 9.04.2022, **5** — UAE, Abu Dhabi, Al Ain, Ain Al Faydah, 220 m, 24.0344° N, 55. 6599° E, 2.04.2022, L. Bureš lgt., 1 spm., J. Háva det., (LBPC), **6** — UAE or., Dubai Emirate, Hatta, 24.8142° N, 56.1471° E, 4–5.04.2022, 320 m, **7** — UAE, Abu Dhabi Emirate, Al Mirfa, 24.0691° N, 53.5604° E, 3 m, 7–8.04.2022, **8** — Abu Dhabi, New Shwaib, 300 m, 24.7248° N, 55.7739° E, 2.04.2022, **9** — Sharjah, Kalba env., 250–300 m, 24.9849° N, 56.3031° E, 5.04.2022, **10** — Dubai, Al Quadra, 90 m, 24.8455° N, 55. 3218° E, 9.04.2022, **11** — UAE, Abu Dhabi Emirate, Al Zahraa, 20 m, 24.43525° N, 54.42482° E, 1.04.2022, **12** — Abu Dhabi, Al Nahda, Al Wathba Salt Lake, 24.2487° N, 54.7369° E, 10.04.2022, **13** — Abu Dhabi, Abu Dhabi city, 20 m, 24.43525° N, 54.42482° E, 1.04.2022. Abbreviations of collector's names are as follows: LB — L. Bureš, DK — D. Kopr, LP — L. Purchart. All specimens examined represents new locality data for the species.

Results

Bostrichidae Latreille, 1802

Bostrichinae Latreille, 1802

Bostrychoplites yemensis Lesne, 1935

Bostrychoplites yemensis Lesne, 1935: Geisthardt, 2010.

Material. **1** — LB lgt., 1 spm. (LBPC).

Calopertha truncatula (Ancey, 1881)*Calopertha truncatula* (Ancey, 1881): Geisthardt, 2010.

Material. 1 — LB lgt., 5 spm., (4 LBPC, 1 JHAC), DK lgt., 11 spm., (10 DKPC, 1 JHAC); 2 — LB lgt., 3 spm., (LBPC), DK, LB & LP lgt., 2 spm., (DKPC); 3 — LP lgt., 3 spm. (JHAC); 4 — LB lgt., 5 spm. (LBPC), DK lgt., 5 spm., (DKPC); 5 — LB lgt., 1 spm. (LBPC), 6 — DK, LB & LP lgt., 5 spm. (4 DKPC, 1 JHAC), 7 — DK lgt., 2 spm. (DKPC).

Phonapate uncinata (Karsch, 1881)*Phonapate uncinata* (Karsch, 1881): Geisthardt, 2010.

Material. 1 — DK lgt., 1 spm. (JHAC). 2 — DK, LB & LP lgt., 1 spm. (DKPC).

Sinoxylon crassum Lesne, 1897

Material. 2 — LB lgt., 3 spm. (2 LBPC, 1 JHAC), DK, LB & LP lgt., 7 spm. (DKPC); 4 — LB lgt., 1 spm. (LBPC), DK lgt., 4 spm. (DKPC).

Remarks. This species is new to the United Arab Emirates.

Dinoderinae

Rhyzopertha dominica (Fabricius, 1792)*Rhyzopertha dominica* (Fabricius, 1792): Geisthardt, 2010.

Material. 4 — DK lgt., 1 spm. (DKPC).

Dermestidae Latreille, 1804

Attageninae Laporte de Castelnau, 1840

Attagenus (*Attagenus*) *beali* Zhantiev, 2005*Attagenus* (*Attagenus*) *beali* Zhantiev, 2005: Hóva, 2013.

Material. 8 — LB lgt., 4♀♀ (3 LBPC, 1 JHAC), DK lgt., 1♀ (DKPC).

Attagenus (*Attagenus*) *fasciatus* (Thunberg, 1795)*Attagenus* (*Attagenus*) *fasciatus* (Thunberg, 1795): Háva, 2009, 2013.

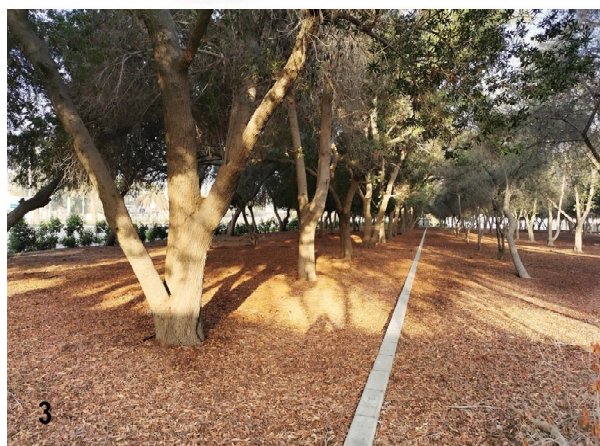
Material. 4 — DK lgt., 1 spm. (DKPC).

Attagenus (*Attagenus*) *papei* Háva, 2009*Attagenus* (*Attagenus*) *papei* Háva, 2009: Háva, 2009, 2013.

Material. 1 — DK lgt., 1 spm. (DKPC); 8 — DK lgt., 3♀♀ (DKPC). 9 — LB lgt., 16 spm. (13 LBPC, 3 JHAC);

Attagenus (*Attagenus*) *posticalis* Fairmaire, 1879*Attagenus* (*Attagenus*) *posticalis* Fairmaire, 1879: Háva, 2009, 2013.

Material. 10 — LB lgt., 3 spm. (LBPC), DK lgt., 1 spm. (DKPC); 11 — DK lgt., 1 spm. (DKPC).



Figs 1–4. 1 — The locality Milehah, Jabal Al Fayah, 2 — the locality Shawka. 3 — the locality Abu Dhabi, Al Zahraa, 4 — the locality Dubai, Al Qudra.

Рис. 1–4. 1 — Место сбора: Милеха, Джабаль Аль Файя, 2 — место сбора Шавка, 3 — место сбора Абу-Даби, Аль-Захраа, 4 — место сбора Дубай, Аль-Кудра.



Fig. 5. The locality Umm Al Quwain, Al Surrah.
Рис. 5. Место сбора Умм-аль-Кувейн, Аль-Сурра.

Attagenus (Attagenus) vanharteni
Háva, 2009

Attagenus (Attagenus) vanharteni Háva, 2009: Háva, 2009, 2013.

Material. 12 — LB lgt., 1♂ (LBPC).

Dermestinae Latreille, 1804
Dermestes (Dermestinus) frischii
Kugellann, 1792

Dermestes (Dermestinus) frischii Kugellann, 1792: Háva, 2009, 2013.

Material. 6 — LB lgt., 5 spm. (LBPC).

Dermestes (Dermestinus) maculatus DeGeer, 1774

Dermestes (Dermestinus) maculatus DeGeer, 1774: Háva, 2009, 2013.

Material. 11 — LP lgt., 1 spm. (JHAC), DK lgt., 2 spm. (DKPC). 13 — LB lgt., 3 spm. (LBPC).

Megatominae Leach, 1815

Anthrenus (Anthrenodes) malkini
Mroczkowski, 1980

Anthrenus (Anthrenodes) malkini Mroczkowski, 1980: Háva, 2009, 2013.

Material. 8 — LB lgt., 11 spm. (LBPC); 10 — LB lgt., 61 spm. (58 LBPC, 3 JHAC), DK lgt., 24 spm. (DKPC).

Anthrenus (Anthrenops) coloratus Reitter, 1881

Anthrenus (Anthrenops) coloratus Reitter, 1881: Háva, 2009, 2013.

Material. 1 — LB lgt., 1♀ (LBPC).

Phradonoma nobile (Reitter, 1881)

Phradonoma nobile (Reitter, 1881): Háva, 2009, 2013.

Material. 10 — DK lgt., 1 spm. (DKPC); 12 — LB lgt., 1♀ (LBPC).

Phradonoma sweihanum Háva, 2009

Phradonoma sweihanum Háva, 2009: Háva, 2009, 2013.

Material. 8 — DK lgt., 2♂♂, 1♀ (DKPC). 9 — LB lgt., 3♀♀ (2 LBPC, 1 JHAC), DK, LB & LP lgt., 1♀ (DKPC).

LIST OF BOSTRICHIDAE SPECIES RECORDED
FROM THE UNITED ARAB EMIRATES

Bostrichinae: *Bostrychoplites yemenensis* Lesne, 1935, *B. zickeli* (Marseul, 1867), *B. reichei* (Marseul, 1867), *Calopertha truncatula* (Ancey, 1881), *Enneadesmus forficula* Fairmaire, 1883, *E. obtusidentatus* (Lesne, 1899), *E. trispinosus* (Olivier, 1795), *Phonapate uncinata* (Karsch, 1881), *Sinoxylon ceratoniae* (Linnaeus, 1758), *S. crassum* Lesne, 1897, *S. pugnax* Lesne, 1904, *S. senegalense* Karsch, 1881, *Xylomedes rufocoronata* (Fairmaire, 1892); **Dinoderinae:** *Rhyzopertha dominica* (Fabricius, 1792); **Lyctinae:** *Acantholyctus cornifrons* (Lesne, 1898), *Lyctopsis scabricollis* Lesne, 1911, *Lyctus brunneus* (Stephens, 1830).

LIST OF DERMESTIDAE SPECIES RECORDED
FROM THE UNITED ARAB EMIRATES

Attageninae: *Attagenus (Attagenus) aristidis* (Pic, 1894), *A. (A.) beali* Zhantiev, 2005, *A. (A.) fasciatus* (Thunberg, 1795), *A. (A.) lobatus* Rosenhauer, 1856, *A. (A.) omanicus* Zhantiev, 2007, *A. (A.) papei* Háva, 2009, *A. (A.) pello* (Linnaeus, 1758), *A. (A.) posticalis* Fairmaire, 1878, *A. (A.) vanharteni* Háva, 2009; **Dermestinae:** *Dermestes (Dermestinus) maculatus* DeGeer, 1774, *D. (D.) frischii* Kugellann, 1792, *D. (Dermestes) ater* DeGeer, 1774, *D. (D.) lardarius* Linnaeus, 1758; **Megatominae:** *Anthrenus (Anthrenodes) malkini* Mroczkowski, 1980, *A. (Anthrenops) coloratus* Reitter, 1881, *A. (Anthrenus) flavipes* LeConte, 1854, *A. (A.) picturatus* Solsky, 1876, *A. (A.) safad* Háva, 2013, *Orbeola hirsutulum* (Reiche in Mulsant & Rey, 1868), *Phradonoma nobile* (Reitter, 1881), *Ph. sweihanum* Háva, 2009, *Trogoderma granarium* Everts, 1898.

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