

Description of a new *Attagenus* species from Yemen (Coleoptera, Dermestidae) with new faunistic records from Kuwait

Описание нового вида рода *Attagenus* из Йемена (Coleoptera, Dermestidae) и новые фаунистические находки из Кувейта

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Ключевые слова: таксономия, новый вид, новые находки, Coleoptera, Dermestidae, *Attagenus*, Йемен, Кувейт.

Abstract. In the work presented here, a new species *Attagenus maseki* Háva, **sp.n.** from Yemen is described, illustrated and compared with similar species. The new species belongs to the subfamily Attageninae, tribe Attagenini and differs from all the known species in the colours and setation of dorsal surfaces and structure of antennae and male genitalia. The following species are newly recorded from Kuwait: *Dermestes (Dermestinus) maculatus* DeGeer, 1774, *Attagenus posticalis* Fairmaire, 1878 and *Attagenus fasciatus* (Thunberg, 1795).

Резюме. В представленной работе описан *Attagenus maseki* Háva, **sp.n.** из Йемена, который сравнен со сходными видами. Новый вид относится к подсемейству Attageninae трибы Attagenini и отличается от остальных известных видов окраской и чешуйками верха, а также строением усиков и гениталий самца. 3 вида впервые указаны для Кувейта: *Dermestes (Dermestinus) maculatus* DeGeer, 1774, *Attagenus posticalis* Fairmaire, 1878 и *Attagenus fasciatus* (Thunberg, 1795).

The family Dermestidae currently contains 1440 species and subspecies worldwide, 54 species being known from the Arabian Peninsula [Zhantiev, 2005; Háva, 2011, 2012a, b, c; Kadej, Háva, 2011]. The present study is based on dermestid material deposited in collections specified below. The work contains results of my studies related to those published in my recent articles.

The size of the beetles or of their body parts can be useful in species recognition and thus, the following measurements were made: total length (TL) — linear distance from anterior margin of pronotum to apex of elytra; elytral width (EW) — maximum linear transverse distance. Other abbreviations: АНЕС — private collection of Andreas Herrmann, Stade, Germany; ЖАС — Private Entomological Laboratory and Collection, Jiří Háva, Prague-west, Czech Republic.

Attageninae

Attagenini

Attagenus maseki Háva, **sp.n.**

Figs 1–4.

Material. Holotype, ♂, Yemen: Aden, 20.III.1993, v. Harten (АНЕС). Paratypes: 3♀♀, the same data as holotype (2 АНЕС, 1 ЖАС). Type specimens were labelled with red, printed labels bearing the text as follows: «HOLOTYPE [or PARATYPE, respectively] *Attagenus maseki* sp.n. J. Háva det. 2013»

Description. Male. Body measurements (mm): TL 2.2, EW 1.3; cuticle brown on dorsal and ventral surfaces; body small and ovate.

Head finely punctate with long, grey, recumbent pubescence. Palpi entirely light brown; pubescence on mentum denser. Ocellus on front present. Eyes large, with microsetae. Antennae dark brown, with 11 antennomeres, antennal club with 3 antennomeres (Fig. 2).

Pronotum finely punctate like head, covered by long, grey, recumbent pubescence, discally with two small, light-brown, distinct, circular spots. Lateral part covered by long, grey pubescence. Anterior angles not visible from above.

Scutellum triangular, finely punctate as pronotum, without pubescence.

Elytra finely punctate; cuticle brown, covered by grey, recumbent pubescence, anteriorly with two isolated spots near scutellum, and two median spots (Fig. 1). Prosternal process broad and long, covered by long, grey recumbent pubescence.

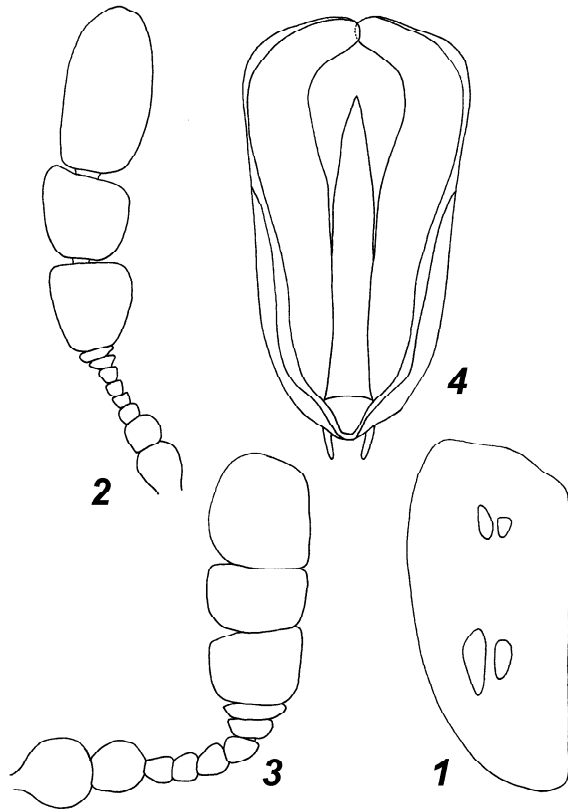
Mesoventrum and metaventrum with long, grey recumbent pubescence. Abdominal ventrites with long, grey recumbent pubescence.

Legs brown with whitish-yellow pubescence; tibiae with short, brown thorns.

Male genitalia as in Fig. 4.

Female. Externally similar to male, but differing in the structure of antennae (Fig. 3). Measurements (mm): TL 2.5–2.6, EW 1.4–1.5.

Differential diagnosis. The new species is very similar to *Attagenus herrmanni* Háva, 2012 [Háva, 2012b: 118,



Figs 1–4. *Attagenus maseki* sp.n.: 1 — elytron; 2 — antenna of male; 3 — antenna of female; 4 — male genitalia.

Рис. 1–4. Детали строения *Attagenus maseki* sp.n.: 1 — надкрылье; 2 — усик самца; 3 — усик самки; 4 — гениталии самца.

figs 1–4], but differs by the structure of antennae and male genitalia and elytral colour patterns. Antennae of *A. hermanni* are light brown, the terminal antennomere is narrow and long, antennae of *A. maseki* sp.n. dark brown, the terminal antennomere broad and oval. From *A. lynx* (Mulsant et Rey, 1868), the new species differs by structure of antennae and male genitalia.

Etymology. Dedicated in memoriam to my grandfather Jaroslav Mašek (1916–1997).

Faunistics

Complete list of Dermestidae known from the Arabian Peninsula is given in the table 1. Only two species of Dermestidae from Kuwait were recorded by Al-Houty [2004]. Next three species mentioned below are new to Kuwait fauna.

Dermestes (Dermestinus) maculatus DeGeer, 1774

Material. 1 spm. — Kuwait: Burgan env., 47°45' E, 28°51' N, T. Kurochin (JHAC).

Distribution. A cosmopolitan species, new to Kuwait.

Attagenus posticalis Fairmaire, 1878

Material. 2 spm. — Kuwait: Sobiya, 48°10' E, 29°34' N, T. Kurochin (JHAC).

Distribution. A species known from Spain, Algeria, Egypt, Mauritania, Morocco, Niger, Senegal, Sudan, Tunisia, Israel, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates, Yemen. New to Kuwait.

Attagenus fasciatus (Thunberg, 1795)

Material. 1 spm. — Kuwait: Sobiya, 48°10' E, 29°34' N, T. Kurochin (JHAC).

Distribution. A cosmopolitan species, new to Kuwait.

Table 1. Species of Dermestidae known from the Arabian Peninsula
Таблица 1. Жуки-кожееды, известные с Аравийского полуострова

Species	Kuwait	Saudi Arabia	Yemen		Oman	United Arab Emirates	Qatar
			Continental Yemen	Soqatra Island			
Dermestinae Dermestini							
<i>Dermestes (Dermestinus) maculatus</i> DeGeer, 1774	*	*	*	*	*	*	*
<i>Dermestes (Dermestinus) frischii</i> Kugellan, 1792	*	*	*	*	*	*	*
<i>Dermestes (Dermestes) ater</i> DeGeer, 1774	-	*	-	-	*	*	*
<i>Dermestes (Dermestes) lardarius</i> Linnaeus, 1758	-	-	*	-	-	*	-
Marioutini							
<i>Mariouta stangei</i> Reitter, 1910	-	*	-	-	*	-	-
<i>Rhopalosilpha wasmanni</i> Arrow, 1929	-	*	-	-	*	-	-
Thorictinae Thorictini							
Thorictini	-	-	-	-	-	-	-
<i>Thorictus arabicus</i> Háva, 2010	-	*	-	-	-	-	-
<i>Thorictus peyerimhoffi</i> Chobaut, 1904	-	*	-	-	-	-	-

Table 1. (continuation)
Таблица 1. (продолжение)

Species	Kuwait	Saudi Arabia	Yemen		Oman	United Arab Emirates	Qatar
			Contine- ntal Yemen	Soqatra Island			
Attageninae Attagenini							
<i>Attagenus apicalis</i> Pic, 1942	-	*	-	-	-	-	-
<i>Attagenus aristidis</i> (Pic, 1894)	-	*	-	-	-	-	*
<i>Attagenus atripennis</i> Pic, 1938	-	*	*	-	-	-	-
<i>Attagenus beali</i> Zhanatiev, 2005	-	*	-	-	-	*	-
<i>Attagenus dichrous</i> Roth, 1851	-	*	-	-	-	-	-
<i>Attagenus fasciatus</i> (Thunberg, 1795)	*	*	*	-	*	*	*
<i>Attagenus fasciolatus</i> (Solsky, 1876)	-	*	-	-	-	-	-
<i>Attagenus hermanni</i> Háva, 2012	-	-	*	-	-	-	-
<i>Attagenus heydeni</i> (Reitter, 1881)	-	*	-	-	-	-	-
<i>Attagenus kadeji</i> Háva, 2012	-	-	*	-	-	-	-
<i>Attagenus kadleci</i> Háva, 2012	-	-	*	-	-	-	-
<i>Attagenus lobatus</i> Rosenhauer, 1856	-	*	-	-	-	*	-
<i>Attagenus lynx</i> (Mulsant et Rey, 1868)	-	*	-	-	-	-	*
<i>Attagenus maseki</i> Háva sp.n.	-	-	*	-	-	-	-
<i>Attagenus omanicus</i> Zhanatiev, 2007	-	-	*	-	*	*	-
<i>Attagenus ornatus</i> Háva, 2007	-	-	-	*	-	-	-
<i>Attagenus papei</i> Háva, 2009	-	-	-	-	-	*	-
<i>Attagenus posticalis</i> Fairmaire, 1878	*	*	*	-	*	*	*
<i>Attagenus vanharteni</i> Háva, 2009	-	-	-	-	-	*	-
Megatominae Megatomini							
<i>Orphinus (Orphinus) kabateki</i> Háva, 2007	-	-	-	*	-	-	-
<i>Orphinus (Orphinus) socotrensis</i> Háva, 2007	-	-	-	*	-	-	-
<i>Phradonoma hirsutululum</i> (Reiche in Mulsant et Rey, 1868)	-	*	*	*	-	*	-
<i>Phradonoma nobile</i> (Reitter, 1881)	-	*	*	-	-	*	*
<i>Phradonoma oculata</i> Háva, 2004	-	-	*	-	-	-	-
<i>Phradonoma sweihanum</i> Háva, 2009	-	-	-	-	-	*	-
<i>Phradonoma tricolor</i> (Arrow, 1915)	-	*	*	-	*	-	-
<i>Trogoderma glabrum</i> (Herbst, 1783)	-	-	-	-	*	-	-
<i>Trogoderma granarium</i> Everts, 1898	-	*	*	-	*	*	*
<i>Trogoderma variabile</i> Ballion, 1878	-	*	-	-	-	-	-
Anthrenini Anthrenina							
<i>Anthrenus (Anthrenus) ardoi</i> Kadej et Háva, 2011	-	-	-	-	*	-	-
<i>Anthrenus (Anthrenus) crustaceus</i> Reitter, 1881	-	*	*	-	-	-	-
<i>Anthrenus (Anthrenus) flavipes flavipes</i> LeConte, 1854	*	*	*	-	*	*	*
<i>Anthrenus (Anthrenus) picturatus arabicus</i> Háva et Hermann, 2006	-	-	*	-	-	-	-
<i>Anthrenus (Anthrenus) rauterbergeri</i> Reitter, 1908	-	*	-	-	-	-	-
<i>Anthrenus (Anthrenus) safad</i> Háva, 2013	-	-	-	-	-	*	-
<i>Anthrenus (Anthrenodes) pulchellus</i> Gestro, 1889	-	*	*	-	-	-	-

Table 1. (continuation)
Таблица 1. (продолжение)

Species	Kuwait	Saudi Arabia	Yemen		Oman	United Arab Emirates	Qatar
			Conti- nental Yemen	Soqatra Island			
<i>Anthrenus (Anthrenodes) malkini</i> Mroczkowski, 1980	-	*	*	-	*	*	*
<i>Anthrenus (Anthrenodes) wittmeri</i> Mroczkowski, 1980	-	*	-	-	-	-	-
<i>Anthrenus (Anthrenodes) buettikeri</i> Mroczkowski, 1980	-	*	-	-	-	-	-
<i>Anthrenus (Anthrenops) cervenkai</i> Háva et Herrmann, 2006	-	-	*	-	*	-	-
<i>Anthrenus (Anthrenops) coloratus</i> Reitter, 1881	-	*	*	-	-	*	*
<i>Anthrenus (Anthrenops) geisthardtii</i> Háva et Herrmann, 2006	-	-	*	-	-	-	-
<i>Anthrenus (Anthrenops) longus</i> Arrow, 1915	-	-	-	*	-	-	-
<i>Anthrenus (Anthrenops) subclaviger</i> Reitter, 1881	-	*	*	-	-	-	-
<i>Anthrenus (Nathrenus) jakli</i> Háva, 2001	-	-	*	-	*	-	-
<i>Anthrenus (Nathrenus) purcharti</i> Háva, 2013	-	-	*	-	-	-	-
Dermeanthrenina							
<i>Dermeanthrenus pretiosus</i> Háva, 2008	-	-	-	-	*	-	-
Total	5	33	26	7	17	19	12

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