

***Attagenus yantarnyi* sp. nov., a new species from Baltic amber (Coleoptera: Dermestidae)**

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Háva J., Bukejs A. 2012. *Attagenus yantarnyi* sp. nov., a new species from Baltic amber (Coleoptera: Dermestidae). *Baltic J. Coleopterolog.*, 12(2): 155 - 158.

Attagenus yantarnyi sp. nov. is described and illustrated from Upper Eocene Baltic amber of Yantarny village, Kaliningrad region, Russia. The new species is compared to a similar amber species, *Attagenus hoffeinsorum* Háva, Prokop & Herrmann, 2006. A list of known Dermestidae from Baltic amber is presented.

Key words: taxonomy, new species, Coleoptera, Dermestidae, *Attagenus*, Baltic amber, Russia.

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INTRODUCTION

The family Dermestidae currently contains 1,420 species and subspecies worldwide. Dermestidae from Baltic amber have been covered by a series of papers (Háva 2008, Háva & Prokop 2006, Háva et al. 2006a, 2006b, 2008, Kadej & Háva 2011). In the present article, a new species of the genus *Attagenus* is described and illustrated.

SYSTEMATIC PALAEOLOGY

Family Dermestidae Latreille, 1807
Subfamily Attageninae Casey, 1900
Tribe Attagenini Casey, 1900

Genus *Attagenus* Latreille, 1802

***Attagenus yantarnyi* sp. nov.**

(Figs. 1-5)

Type material

Holotype: "019", sex unknown; deposited in the collection of Andris Bukejs (Daugavpils, Latvia). Complete beetle rather clear; the mouthparts and parts of the ventral side of the specimen are obscured by a "milky" cover. The specimen is included in a small and thin subquadrangular amber piece (with length about 19 mm, width 15 mm, and weight 1.0 g). Other animals or plant syninclusions are absent. The specimen is provided with a red, printed label "Holotype,

Attagenus yantarnyi sp. nov., Háva J. & Bukejs A. det. 2012”.

Type strata

Baltic Amber, Upper Eocene, Prussian Formation.

Type locality

Yantarny village, Kaliningrad region, Russia.

Etymology

Named according to the type locality, Yantarny village.

Differential diagnosis

Attagenus yantarnyi sp. nov. belongs to Attageninae according to subfamilial characteristics: prosternum not forming a “collar” and mouthparts free (Fig. 6). The new species is most similar to *Attagenus hoffeinsorum* Háva, Prokop & Herrmann, 2006 described from Baltic amber, and differs from it in the structure of antennae and abdominal pubescence.

Description

Body length 2.4 mm, max. width 1.2 mm; elongated oval (Figs. 1, 2), moderately convex dorsally and ventrally; subunicolourous dark brown, shine; dorsum covered with dark, relatively short and thin subrecumbent hair; thoracic underside with comparatively long and thick recumbent hair; abdominal sternites with recumbent hair, sparser than on thoracic underside, hair on sternites 2-4 widened distally (Fig. 4), hair on sternite 5 distinctly denser than on other sternites. Head, pronotum, and elytra with uniform, fine, and dense punctures, apparently slightly smaller in diameter than eye facets, interspaces between them smoothed and approximately 0.5-1.5 times larger than one puncture diameter. Punctuation of ventral side not visible because of “milky” cover.

Head oval, hypognathous, much narrower than anterior margin of pronotum; with relatively large, distinctly faceted, not emarginated eyes. Frontal median ocellus present. Antennae slightly shorter than head wide, 11-segmented with 3-segmented compact antennal club comprising about 1/3 of total antennal length (Fig. 5); scape

subspherical, large, antennomere 2 subspherical, much smaller than scape and distinctly thicker than antennomere 3, ultimate antennomere about 2/3 as long as two preceding antennomeres combined.

Pronotum transverse, about 1.7 times wider than long, base of pronotum apparently as wide as combined elytral base; anterior margin gently convex and posterior one distinctly bisinuated; anterior, posterior and lateral margins thinly bordered.

Scutellum large, triangular with rounded apex. Elytra about 1.6 times longer than wide, widest near the middle; in anterior 2/3 lateral sides subparallel, in posterior 1/3 evenly narrowing toward the apex; shoulders weak.

Most of ventral part of specimen not clearly visible because of “milky” cover. Prosternum not forming a “collar”, therefore mouthparts free (Fig. 3). Abdomen with 5 visible sternites, of which sternite 5 is the longest, ratio between abdominal sternites: 2:2:2:2:3.

Legs moderately long, covered with comparatively short and thick hair. Femora weakly flattened, about 1.5-2.2 times wider than tibiae. Tibiae weakly flattened and distinctly widened apically. Tarsi moderately short, about 1.9 times shorter than tibiae.

LIST OF FOSSIL DERMESTIDAE KNOWN FROM BALTIC AMBER

Subfamily Dermestinae

Tribe Dermestini

Dermestes (Dermestes) progenior Zhantiev, 2006

Distribution: Russia (Kaliningrad region)

Subfamily Trinodinae

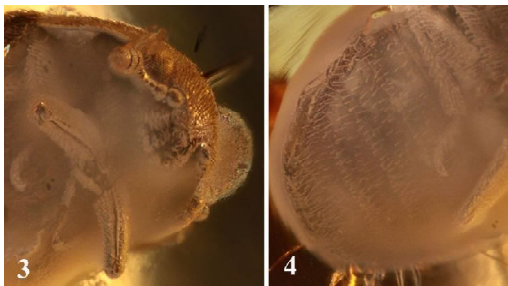
Tribe Trinodini

Evorinea americana Háva, Prokop & Herrmann, 2008

Distribution: Russia (Kaliningrad region)



Figs. 1-2. *Attagenus yantarnyi* sp. nov., holotype, habitus: 1 – dorsal view, 2 – ventral view (photos by Marius Veta).



Figs. 3-4. *Attagenus yantarnyi* sp. nov., holotype: 3 – details of forebody, 4 – abdomen (photos by Marius Veta).

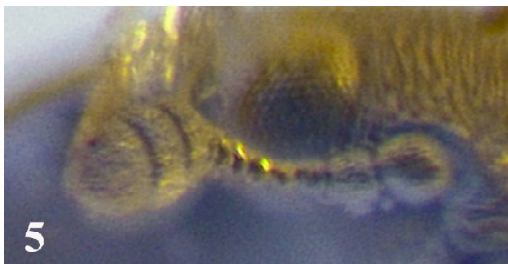


Fig. 5. *Attagenus yantarnyi* sp. nov., holotype, antenna

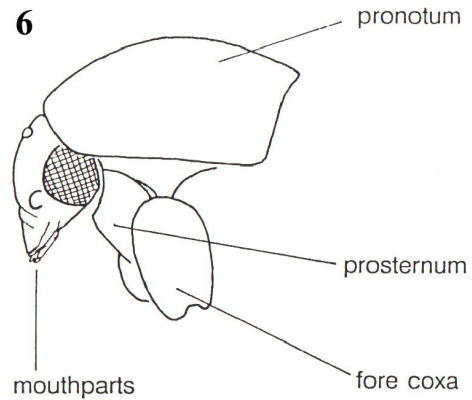


Fig. 6. *Attagenus* sp., forebody, lateral view (after Háva 2004)

Trinodes puetzi Háva & Prokop, 2006
Distribution: Russia (Kaliningrad region)

Subfamily Attageninae
Tribe Attagenini

Attagenus balticus Háva, Prokop & Herrmann, 2008

Distribution: Russia (Kaliningrad region)

Attagenus hoffeinsorum Háva, Prokop & Herrmann, 2006

Attagenus hoffeinsorum: Háva, Prokop & Herrmann, 2008

Distribution: Poland, Russia (Kaliningrad)

Attagenus obesus Háva, Prokop & Herrmann, 2008

Distribution: Russia (Kaliningrad region)

Attagenus yantarnyi sp. nov.

Distribution: Russia (Kaliningrad region)

Subfamily Megatominiinae
Tribe Anthrenini

Anthrenus (Nathrenus) ambericus Háva, Prokop & Herrmann, 2006

Anthrenus (Nathrenus) ambericus: Háva, Prokop & Herrmann, 2008

Distribution: Russia (Kaliningrad region)

- Anthrenus (Nathrenus) electron* Háva, Prokop & Kadej, 2006
Distribution: Poland
- Anthrenus (Nathrenus) groehni* Háva, Prokop & Herrmann, 2006
Distribution: Russia (Kaliningrad region)
- Anthrenus (Nathrenus) kerneggeri* Háva, Prokop & Herrmann, 2008
Distribution: Russia (Kaliningrad region)
- Tribe Megatomini
- Globicornis (Globicornis) rakovici* Háva, 2008
Distribution: Russia (Kaliningrad region)
- Globicornis (Hadrotoma) americus* Háva, Prokop & Herrmann, 2006
Distribution: Poland, Russia (Kaliningrad region)
- Megatoma (Megatoma) electra* Zhantiev, 2006
Megatoma electra: Háva, 2008
Distribution: Russia (Kaliningrad region)
- Phradonoma americum* Háva, Prokop & Herrmann, 2008
Distribution: Russia (Kaliningrad region)
- Trogoderma larvalis* Háva, Prokop & Herrmann, 2006
Distribution: Russia (Kaliningrad region)
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