

## Systematic position of *Dermestes larvalis* Cockerell, 1917 (Coleoptera: Dermestidae) from Cretaceous Burmese amber

### Систематическое положение *Dermestes larvalis* Cockerell, 1917 (Coleoptera: Dermestidae) из мелового бирманского янтаря

J. Háva

И. Гава

Forestry and Game Management Research Institute, Strnady 136, Praha 5 – Zbraslav CZ-252 02 Czech Republic. E-mail: jh.dermestidae@volny.cz. ORCID ID: 0000-0001-8076-9538.

Научно-исследовательский институт охотничьего хозяйства, Стрнады 136, Прага 5 – Збрасслав CZ-252 02 Чехия.

**Key words:** taxonomy, new combination, homonymy, Coleoptera, Dermestidae, *Dermestes*, *Anthrenus*, amber.

**Ключевые слова:** таксономия, новая комбинация названия, гомонимия, Coleoptera, Dermestidae, *Dermestes*, *Anthrenus*, янтарь.

**Abstract.** The species *Dermestes larvalis* Cockerell, 1917 is newly combined to genus *Anthrenus* resulting in *Anthrenus larvalis* (Cockerell, 1917), **comb.n.**

**Резюме.** *Dermestes larvalis* Cockerell, 1917 вновь помещён в род *Anthrenus*, что привело к появлению названия *Anthrenus larvalis* (Cockerell, 1917), **comb. nov.**

## Introduction

The family Dermestidae (Coleoptera) currently contains about 1750 species and subspecies worldwide [Háva, 2015, 2021]. Specimens in Cretaceous Burmese amber are not very common. From Burmese amber there are seven known species belonging to five genera: *Attagenus* Latreille, 1802, *Cretoattagenus* Háva, 2020, *Cretodermestes* Deng, Ślipiński, Ren et Pang, 2017, *Dermestes* Linnaeus, 1758 (see this article), *Tuberphradonoma* Háva, 2021 and *Cretomegatoma* Háva, 2021 [Háva, 2020, 2021]. A new combination and homonymy are mentioned in the article.

## Taxonomy

### Megatominae

#### *Anthrenus larvalis* (Cockerell, 1917), **comb. nov.**

Fig. 1.

= *Dermestes larvalis* Cockerell [1917: 43].

= *Dermestes larvalis*: Ross, York [2000: 12, 18].

**Material.** Holotype (larva): In. 19108 (In. 19107-16). Myanmar, Hukawng Valley, lowermost Cenomanian. Holotype is deposited in the British Museum Natural History, London, United Kingdom. 1 spec. — the same locality in author's collection.

**Remarks.** The species (larva) was originally described as *Dermestes*. Ross and York [2000] provided the first habitus figure of the larva. According to the described generic characters and study of the type specimen deposited in British Museum Natural History, London, United Kingdom this species belongs to the genus *Anthrenus*, and the species *Dermestes larvalis* is newly combined as *Anthrenus larvalis* (Cockerell, 1917), **comb. nov.**.

**Distribution.** Myanmar (fossil — larva: Early Cretaceous: Burmese amber).

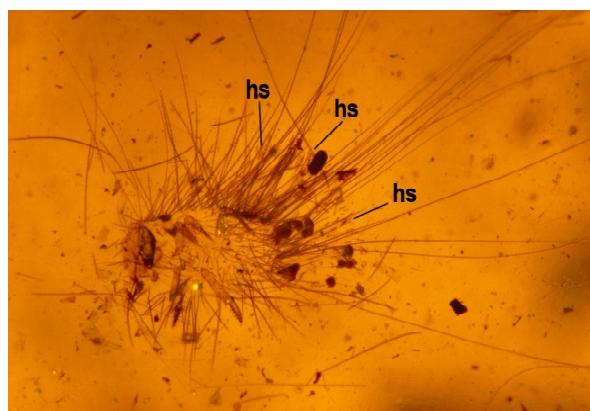


Fig. 1. Habitus of holotype larva *Anthrenus larvalis* (Cockerell, 1917) (hs — hastisetae). Photo by Lil Stevens, British Museum Natural History, London, United Kingdom.

Рис. 1. Внешний вид голотипа-личинки *Anthrenus larvalis* (Cockerell, 1917) (hs — гастихеты). Снято фотографировано Лили Стивенсом, Британский музей естественной истории, Лондон, Великобритания.

## Acknowledgements

I am very indebted to Lil Stevens (British Museum Natural History, London, United Kingdom) for making the photograph of *Dermestes larvalis* and to Larry G. Bezark (California, USA) for revision of the English text. The paper was supported by the Ministry of Agriculture of the Czech Republic, institutional support MZE-RO0118.

## References

- Cockerell T. D. A. 1917. Arthropods in Burmese amber // *Psyche*. Vol.24. P.40–45.
- Háva J. 2015. World Catalogue of Insects. Vol.13. Dermestidae (Coleoptera). Leiden/Boston: Brill, xxvi + 419 p.
- Háva J. 2020. To the knowledge of the subfamily Attageninae (Coleoptera: Dermestidae) from Cretaceous Burmese amber // Far Eastern Entomologist. Vol.420. P.14–19.
- Háva J. 2021. Two new genera and species of Dermestidae (Coleoptera) from Cretaceous Burmese amber // Euroasian Entomological Journal. Vol.20. No.6. P.343–345.
- Ross A.J., York P.V. 2000. A list of type and figured specimens of insects and other inclusions in Burmese amber // Bulletin of the Natural History Museum of London. Geology Series. Vol.56. P.11–20.

*Поступила в редакцию 9.2.2022*