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A SHORT CONTRIBUTION TO THE DERMESTIDAE (INSECTA: COLEOPTERA) FROM BALTIC AMBER

Jiří Háva, Andris Bukejs

Háva J., Bukejs A. 2018. A short contribution to the Dermestidae (Insecta: Coleoptera) from Baltic amber. *Acta Biol. Univ. Daugavp.*, 18 (2): 207 – 209.

The data on five specimens belonging to four fossil dermestid species from Eocene Baltic amber is given: *Globicornis ambericus* Háva, Prokop & Herrmann, 2006, *Attagenus hoffeinsorum* Háva, Prokop & Herrmann, 2006, *Anthrenus electron* Háva, Prokop & Kadej, 2006, and *Megatoma electra* Zhantiev, 2006.

Key words: Dermestidae, new records, fossil resin, Paleogene, Eocene.

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INTRODUCTION

The skin and carpet beetle family (Dermestidae) currently contains about 1500 species belonging to 62 genera worldwide (Háva 2015). Dermestidae from Eocene Baltic amber have been covered in a number of papers (Bukejs & Háva 2018; Háva 2008, 2014; Háva & Alekseev 2015; Háva & Bukejs 2013; Háva & Prokop 2006; Háva et al. 2006a, 2006b, 2008; Kadej & Háva 2011; Zhantiev 2006). New findings of described species allow understanding their role in the structure of the Baltic amber forest and clarifying their systematic position. In the current paper, new records of four extinct dermestid species from this Lagerstätte are given.

MATERIAL AND METHODS

The material examined is deposited in the following collections:

GPIH - Geologogische-Palaentologische Institut of University Hamburg, Germany (coll. Carsten Gröhn);

JHAC - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic;

JDAC - Jonas Damzen private collection, Vilnius, Lithuania.

Species are arranged in alphabetical order. The nomenclature follow the catalogue of Háva (2015).

RESULTS

An investigation of inclusions in Baltic amber from three collections resulted the discovery of 5 adult specimens and 1 larva of 4 dermestid species.

Family Dermestidae Latreille, 1804

Subfamily Attageninae Laporte de Castelnau, 1840

Tribe Attagenini Laporte de Castelnau, 1840

Attagenus hoffeinsorum Háva, Prokop & Herrmann, 2006

Material examined: 1 spec., amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, C 8043, J. Háva det., (GPIH).

Remarks. Species occur in Baltic amber quite often. Known from Poland: Gdańsk and Russia: Kaliningrad.

Subfamily Megatomiinae Leach, 1815

Tribe Anthrenini Gistel, 1848

Anthrenus electron Háva, Prokop & Kadej, 2006

Material examined: 1 spec., amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, JD 7197, J. Háva det., (JDAC).

Remarks. Species occur in Baltic amber quite often. Known from Poland: Gdańsk and Russia: Kaliningrad.

Tribe Megatomini Leach, 1815

Globicornis ambericus Háva, Prokop & Herrmann, 2006

Material examined: 1 spec., amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, C 7852, J. Háva det., (JHAC); 1 spec., amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, C 7920, J. Háva det., (GPIH).

Remarks. Species occur in Baltic amber quite often. Known from Poland: Gdańsk and Russia: Kaliningrad.

Megatoma electra Zhantiev, 2006

Material examined: 1 spec., amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, JD 7209, J. Háva det., (JDAC).

Remarks. Species occur in Baltic amber quite often. Known from Russia: Kaliningrad.

larva sp. cf. Trinodinae

Material examined: 1 larva, amber inclusion from Baltic amber, Yantarny, Sambia, Kaliningrad Region, Russia, bought from amber traders, L 7674, J. Háva det., (GPIH).

Remarks. The larva is poorly visible for detailed description. The larva probably belong to subfamily Trinodinae.

ACKNOWLEDGEMENTS

We are sincerely grateful to Carsten Gröhn (Glinde, Germany) and Jonas Damzen (Vilnius, Lithuania) for the loan of amber material.

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Received: 12.11.2018.

Accepted: 01.12.2018.