A new record of *Megatoma (Pseudohadrotoma) graeseri* (Coleoptera: Dermestidae: Megatominae) from Manitoba, Canada

JIŘÍ HÁVA

*Department of Forest Protection and Entomology, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Kamýcká 1176, CZ-165 21, Prague 6 - Suchdol, Czech Republic. E-mail: jh.dermestidae@volny.cz*

**Abstract**

*Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887), an eastern Palaeartic species, is newly recorded in North America, with specimens reported from Manitoba, Canada.

**Key words:** Faunistic, new record, Coleoptera, Dermestidae, *Megatoma*, Canada

**Introduction**

The family Dermestidae is divided into 6 subfamilies (Bouchard *et al.* 2011) with 59 genera and approximately 1440 species and subspecies worldwide (Háva & Solervicens 2012). Recent published catalogues (Bousquet 1991; Beal 2003; Háva 2003) recorded 7 species belonging to the genus *Megatoma* Herbst, 1791 from Canada. In the present note, a newly recorded eastern Palaeartic species is reported for the Nearctic and Canada specifically.

**Material**

All mentioned specimens are deposited in the Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Ontario, Canada (CNC).

**New record**

**Genus Megatoma** Herbst, 1791

**Subgenus Pseudohadrotoma** Kalík, 1951

*Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887)

**Material examined.** CANADA: „Lower Fort, Garry, Manitoba, oak Timbers, 19-12-77“ 1 spec., J. Háva det.; same locality but 25-2-77, 1 spec. J. Háva det. Both specimens previously determined by R. S. Beal 2002 as *Megatoma (Pseudohadrotoma) n. sp.?*

**Distribution.** Species now known from Belarus, Canada (Manitoba), China, Japan, Kyrgyzstan, Latvia, Mongolia, North Korea, Russia (Lipetsk, Siberia), and Uzbekistan (Háva 2003, 2007).
Key to Canadian *Pseudohadrotoma* species

A. Antennal club consist with three antennomeres ................................................. subg. *Megatoma* s. str.

B. Antennal club consist with two antennomeres .......................................................... subg. *Pseudohadrotoma*

1. Median ocellus absent or present, integument unicolorous, pubescence of dorsal surfaces subrecumbent, bicolorous .......................................................... *M. kaliki* (Beal, 1967)

   Median ocellus presented .................................................................................................. 2

2. Integument unicolorous dark brown to black, pubescence recumbent unicolorous .......... *M. perversa* (Fall, 1926)

   Integument bicolorous, each elytron with two orange-redish spots, pubescence bicolorous .......................................................... *M. graeseri* (Reitter, 1887)

List of the *Megatoma* species recorded from Canada

Genus *Megatoma* Herbst, 1791

Subgenus *Megatoma* Herbst, 1791

*Megatoma ampla* (Casey, 1900) British Columbia

*Megatoma cylindrica* (Kirby, 1837) Alberta, British Columbia, Northwest Territory, Ontario, Yukon

*Megatoma leucochlidon* Beal, 1967 British Columbia

*Megatoma pubescens* (Zetterstedt, 1828) Alberta, British Columbia, Quebec, Saskatchewan

*Megatoma variegata* (Horn, 1875) Alberta, British Columbia, Saskatchewan

Subgenus *Pseudohadrotoma* Kalík, 1951

*Megatoma graeseri* (Reitter, 1887) Manitoba (*new record*)

*Megatoma kaliki* (Beal, 1967) British Columbia

*Megatoma perversa* (Fall, 1926) Alberta, British Columbia, Saskatchewan, Yukon

Acknowledgements

I am indebted very much to P. Bouchard and A. Smetana (CNC) for providing me with interesting material and for providing helpful comments and suggestions on an earlier draft of this manuscript. This research was supported by the Internal Grant Agency (IGA n.20124364), Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Prague.

References


