



New records of *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) (Coleoptera: Dermestidae: Megatominae) from Canada

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Abstract. *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887) is recorded for the first time from Ontario and Quebec (Canada).

Riassunto. *Nuove segnalazioni di Megatoma (Pseudohadrotoma) graeseri (Reitter, 1887) (Coleoptera: Dermestidae: Megatominae) from Canada. Megatoma (Pseudohadrotoma) graeseri (Reitter, 1887) viene segnalato per la prima volta per Ontario e Quebec (Canada).*

Résumé. *Nouveaux signalements de Megatoma (Pseudohadrotoma) graeseri (Reitter, 1887) (Coleoptera: Dermestidae: Megatominae) au Canada. Megatoma (Pseudohadrotoma) graeseri (Reitter, 1887) est signalé pour la première fois de l'Ontario et du Québec (Canada).*

Key words. Faunistics, Coleoptera, Dermestidae, *Megatoma*, Canada, Ontario, Quebec.

Introduction

The family Dermestidae is divided into six subfamilies (BOUCHARD *et al.*, 2011) with 62 genera and approximately 1,500 species and subspecies worldwide (HÁVA, 2015). A recently published catalogue (HÁVA, 2015) recorded 15 species belonging to the genus *Megatoma* Herbst, 1791 from the USA and Canada. In this note, a newly recorded Eastern Palaearctic species is reported in Canada, specifically. Specimens are deposited in the Canadian National Collection of Insects (CNCI), Arachnids and Nematodes, and in the collection of Jiří Háva, Private Entomological Laboratory, Prague-west, Czech Republic (JHAC).

New provinces records. *Megatoma (Pseudohadrotoma) graeseri* (Reitter, 1887), material examined: Canada, PQ Montreal, 6.VI.1996, AGR#96-0229, A. Harvey leg., 1 spec., J. Háva det., (CNCI); Canada, QC Noyan, 45.084° N 73.297° W, warehouse, 5.VII.2013, CFIA13-01489, 1 spec., J. Háva det., (CNCI); Canada, ON, Thunder Bay, 20.VI.2007, grain elevator, B. Timlick leg., CFIA07-3026, 3 spec., J. Háva det., (2 CNCI, 1 JHAC).

The species is known from Belarus, Canada (Manitoba), USA (Wisconsin), north China, Japan, Kyrgyzstan, Latvia, Mongolia, North Korea, Russia (Lipetsk, Siberia, Voronezh), and Uzbekistan (HÁVA 2013, 2015; HÁVA & BROWN, 2015), new for Ontario and Quebec (Canada).

Key to the Species of *Pseudohadrotoma* Kalik, 1951 in the USA and Canada

- A. Antennal club consisting of three antennomeres subgenus *Megatoma* s. str.
- B. Antennal club consisting of two antennomeres subgenus *Pseudohadrotoma*

1. Median ocellus absent or present, integument unicolourous, pubescence of dorsal surfaces subrecumbent, bicolourous *M. kaliki* (Beal, 1967)
- Median ocellus present 2
2. Pubescence of terminal antennomere of male antenna long *M. trichorhopalum* Beal, 1967
- Pubescence of terminal antennomere of male antenna short 3
3. Integument bicolourous, each elytron with two orange-reddish spots, pubescence bicolourous *M. graeseri* (Reitter, 1887)
- Integument unicolourous 4
4. Pubescence on dorsal surfaces unicolorous, dark brown *M. perversa* (Fall, 1926)
- Pubescence on dorsal surfaces consisting of dark setation and light golden-brown and white setation 5
5. Light coloured setation of elytron forming a thin, sometimes interrupted circle or loop at basal margin, a narrow interrupted submedian band, and a narrow subapical band; pubescence of basal circle not forming dense cluster of whitish setation on posterior part *M. trogodermoides* Beal, 1967
- Light coloured setation of elytron forming circle or loop at basal margin but with posterior half of loop consisting of dense patches of light setation with prominent patch of white setation near median line; subapical band moderately broad and consisting of dense patches of golden brown and white setation; submedian band very broad and diffuse *M. falsa* (Horn, 1875)

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