

Descriptions of three new species of *Bembidion* Latreille (Coleoptera: Carabidae) occurring in Canada

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Abstract

Three new species of *Bembidion* Latreille occurring in Canada are described: *B. (Semicampa) nigrivestis* Bousquet, **sp. nov.**, type locality: Sainte-Catherine-de-Hatley (45°15'N, 72°03'W), Quebec; *B. (Eupetedromus) iridipenne* Bousquet and Webster, **sp. nov.**, type locality: Lincoln (45°49'N, 66°35'W), New Brunswick; and *B. (Neobembidion) nitidicolle* Bousquet, **sp. nov.**, type locality: Rosefield (49°05'N, 107°32'W), Saskatchewan. A new subgenus, *Neobembidion* Bousquet, **subgen. nov.** (type species: *Bembidion constricticolle* Hayward, 1897), is proposed for the species of the *constricticolle* group as defined by Lindroth. Keys are included to distinguish the new species from their North American relatives.

Key words: Coleoptera, Carabidae, Bembidiini, *Bembidion*, Nearctic, taxonomy, new species

Introduction

The genus *Bembidion* Latreille is the most speciose carabid genus in the Nearctic Region. The latest catalogue (Bousquet & Laroche 1993) lists 255 species in North America, north of Mexico. However, there are several undescribed species in collections. The purpose of this paper is to describe three new species that occur in Canada. These descriptions are provided to update the review of the Canadian and Alaskan species of the genus published by Lindroth (1963).

Material and methods

The specimens upon which this study is based belong to the Canadian National Collection of Insects, Ottawa, Ontario (CNC), the Strickland Museum at the University of Alberta,