

New species and new records of species of *Macroductylus* Dejean (Coleoptera: Scarabaeidae: Melolonthinae: Macroductylini) from Honduras and Nicaragua

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Abstract

The species of *Macroductylus* from Honduras and Nicaragua are reviewed. Two new species are described and illustrated: *Macroductylus tibialis* sp. nov. from Honduras (Olancho and El Paraíso) and Nicaragua (Jinotega, Madriz, and Matagalpa) and *M. hondurensis* sp. nov. from Honduras (Cortés). *Macroductylus dimidiatus* Guérin-Ménéville, *M. costulatus* Bates, and *M. montanus* Arce-Pérez and Morón are recorded for the first time from Honduras (Lempira, El Paraíso, Santa Bárbara, and Ocotepeque). *Macroductylus sericeicollis* Bates is recorded by the first time from Honduras (Morazán) and Nicaragua (Matagalpa). A key to the nine known species of *Macroductylus* from Honduras and Nicaragua is included.

Key words: Coleoptera: Macroductylini, *Macroductylus*, taxonomy, key, Honduras, Nicaragua

Introduction

Evans (2003) listed 107 species of *Macroductylus* distributed from Canada to Argentina and Chile, including two fossil species from the United States. The species from Honduras and Nicaragua are poorly known. Bates (1887) described *M. costulatus*, *M. sericinus*, *M. suavis*, and *M. sylphis* from Chontales, Nicaragua. None of the species in this genus have been previously recorded from Honduras. During a recent study of the specimens deposited in several collections in Canada, the United States, Mexico, Guatemala, and Nicaragua we found 518 specimens that represent two new species, one new country record for Nicaragua, and four new country records for Honduras. Technical terms and characters used in the species descriptions are those of Arce-Pérez and Morón (2000). Drawings were made with the aid of a camera lucida and stereomicroscope, and measurements were obtained using caliper or ocular micrometer. Studied specimens are deposited in the fol-