



## New species of the genus *Agrilus* Curtis, 1825, from Nicaragua and Panamá (Coleoptera: Buprestidae: Agrilinae)

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### Abstract

Nine new species of the genus *Agrilus* are herein described: *A. erici* n. sp., *A. dauberi* n. sp., *A. goldsteini* n. sp., *A. ivetteae* n. sp., *A. semicinctus* n. sp., *A. glebae* n. sp., *A. cerrolatus* n. sp., *A. disparifrons* n. sp. from Nicaragua and *A. grandinatus* n. sp. from Panamá.

**Key words:** Coleoptera, Buprestidae, *Agrilus*, new species, Neotropical region, Nicaragua, Panamá

### Introduction

A colleague, Manfred Niehuis from Albersweiler (Germany), wrote asking me to study his Neotropical species belonging to the genus *Agrilus* Curtis, 1825. After a first frightening look at his very large collection, I began identifying the species. I found some new species that are herein described. The problem in the study of *Agrilus* in the Neotropical region is the difficulty created by the great number of species already described (more than 1,200), and this difficulty has slowed down this study in the last few years. In the past 40 years or so, only Hespeneide (1974, 1983, 1990, 2008), Hespeneide & Bellamy (2009), Bellamy & Hespeneide (2002), Bellamy (2005), Curletti (2005), Nelson (1987) and Westcott & Hespeneide (2006) have proposed further progression in the systematics of this genus, but there is much work to do, and hundreds, maybe thousands, of species are still left to discover and describe. In light of the lack of a well-defined subgeneric classification for the New World *Agrilus*, all new species described below are placed in the nominate subgenus.

### Collection abbreviations

CHAH	Henry A. Hespeneide collection, Los Angeles, California, U.S.A.
CMNG	Manfred Niehuis collection, Albersweiler, Germany
MCCI	Museo Civico di Storia Naturale di Carmagnola, Italy
FODC	Frode Ødegaard collection, Trondheim, Sweden
INBC	Instituto Nacional de Biodiversidad, Heredia, Costa Rica
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany

### *Agrilus erici* n. sp.

(Figure 1)

**Type specimens.** Holotype ♂: Nicaragua, Granada, Domitila, 07–09.VI.2004, leg. Eric van den Bergh and Heinz Dauber (MCCI).