



## Four new species of the genus *Agrilus* Curtis, 1825 from Ecuador (Coleoptera, Buprestidae)

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**Summary.** *Agrilus delsinnei* n. sp., *Agrilus yanzatzanus* n. sp., *Agrilus touroultinus* n. sp., *Agrilus quito* n. sp. from Ecuador are described.

**Resumen.** *Agrilus delsinnei* n. sp., *Agrilus yanzatzanus* n. sp., *Agrilus touroultinus* n. sp., *Agrilus quito* n. sp. desde Ecuador se describen.

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

### Material and methods

The species descriptions follow the procedure proposed by Curletti (2010) that allows, with the help of photography, identification of the taxa without most of the unnecessary and repetitive descriptions of unimportant and subjective general morphology. This allows concentration on more detail of distinctive characters that cannot be assessed from the images. The pictures were made with a Nikon Coolpix P6000 connected to a stereomicroscope Leica MZ6, elaborated with Adobe Photoshop 5.0 Limited Edition and stacked with Combine Z4 program.

The specimens were dry prepared glued on a card for study, description and conservation. The genitalia were glued on the same card.

### Abbreviations

BMNH	British Museum of Natural History, London, UK;
CISEC	Colección do Insectos del Sur del Ecuador, Loja;
MCCI	Museo Civico di Storia Naturale di Carmagnola, Italy;
PUCE	Pontificia Universidad Católica del Ecuador, Quito;
NMPC	Narodni Muzeum, Prague, Czech Republic.

### *Agrilus (Agrilus) delsinnei* n. sp.

(Fig. 1a, 1b, 1c).

**Material examined.** Holotype ♂: Ecuador, 23.X.2014, Cajanuma, 3000 m, T. Delsinne leg. on *Macrocarpaea arborescens* Gilg (MCCI). Paratypes: 5 ♀ and 3 ♂ idem (CISEC and MCCI).

**Holotype description.** Length 6.8 mm. Entirely metallic green. **Head:** frons glabrous with punctiform sculpture. Clypeus without transverse carina. Antennae black, serrate from fourth article. **Pronotum** depressed at the sides, wider in middle, with posterior angles obtuse. White pubescence few visible at the anterior angles. Superficial and transverse sculpture, dotted with small punctures. Premarginal carinula interrupted, not entire. Marginal carinae joined at the base. Mentonniere with anterior margin slightly sinuate in middle. Prosternal plate wide and parallel. **Scutellum** with transverse carina absent, replaced by a thick callus. **Elytra** rounded at the apex,