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A new extant species of *Electribius* Crowson from Honduras (Coleoptera: Elateroidea: Artematopodidae)

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Abstract

A new extant species of *Electribius* Crowson, *E. llamae* **sp.n.**, is described from Cusuco National Park, Cortés Province, Honduras. This new species lacks one of the supposed autapomorphies of the genus; therefore the definition of the genus requires modification. A revised key to the known extant species is presented, and their known distributions are mapped.

Key words: Electribiinae, taxonomy, Mesoamerica, new species

Resumen

Se describe una nueva especie del género *Electribius* Crowson, *E. llamae* **n.sp.** del Parque Nacional Cusuco, Departamento de Cortés, Honduras. Esta nueva especie carece de una de las autopomorfías supuestas para el género; por lo tanto la definición del genero require modificación. Se presenta una clave actualizada y mapas con las distribuciones conocidas para las especies vivas.

Palabras clave: Electribiinae, taxonomía, Mesoamérica, nueva especie

Introduction

The Artematopodidae are a small group of phylogenetically early-branching elateroid beetles supposedly related to Omethidae (Kundrata *et al.* 2014). The extant component of the family currently consists of three subfamilies, eight genera and 67 species distributed in the Holarctic, Oriental and Neotropical regions (Hörnschemeyer 1998; Lawrence 2005; Arriaga-Varela & Escobar 2014), with an additional two monotypic fossil genera and six fossil species (Lawrence 2010). The adults are diverse in body form but share numerous presumed synapomorphies, including tarsomeres 3 and 4 with membranous lobes and a tongue-like process on the underside of the apex of the elytra (Crowson 1973).

The genus *Electribius* Crowson (1973) is the sole representative of the subfamily Electribiinae, and was originally described from fossil specimens. Currently the genus consists of four described fossil and three extant species. This paper adds an eighth species. All known extant species occur at high elevations in Mesoamerica (Fig. 1), while all known fossil species are from Baltic amber, i.e. European. Additionally, the number of known specimens of extant species is doubled since the three previous species were described based on only four specimens.

List of described species of *Electribius* († indicates fossil species):

Electribius balticus Hörnschemeyer, 1998	† Baltic amber
Electribius crowsoni Lawrence, 1995	México (Chiapas; Oaxaca)

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