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A review of the species of *Hydrometra* Latreille occurring in Colombia, with a key to species and distribution map (Hemiptera: Heteroptera: Hydrometridae)

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Abstract

Five species of *Hydrometra* are known to occur in Colombia: *H. argentina*, *H. caraiba*, *H. comata*, *H. guianana* and *H. exalla*. An illustrated key to these species and distribution records by department are given. In addition, the previously unknown macropterous female of *Hydrometra exalla* Drake and Lauck, 1959 is described, based on material from western Pacific Colombia.

Key words: semiaquatic bugs, water measurer, South America, distribution, taxonomy

Introduction

The genus *Hydrometra* Latreille is distributed with approximately 16 species in South America. Previous works on this genus include those of Hungerford & Evans (1934), Drake & Lauck (1959) and Mychajliw (1961); more recent faunal treatments include one for Brazil, with nine species, by Moreira *et al.* (2009, 2011), and Moreira & Barbosa (2013), as well as for Ecuador, with four species (Cianferoni & Buzzetti 2012).

This paper reviews the species that occur in Colombia, provides a key to the species, and clarifies their known geographic distributions.

Material and methods

Distributional data for species in the genus *Hydrometra* occurring in Colombia was derived from the following sources: Drake & Lauck (1959), Roback & Nieser (1974), Álvarez & Roldán, (1983), Nieser & Alkins-Koo (1991), Morales-Castaño & Molano-Rendón (2008), Moreira *et al.* (2009, 2011), Cianferoni & Buzzetti (2012), Moreira & Barbosa (2013), and Bugs Distributional Database (Moreira 2013). The geographical distribution by Department, municipality (altitude, m), and biogeographical region are given for each species. A map with distribution by species is presented in figure 1.

Abbreviation list: PSO-CZ, Colección de Entomología Universidad de Nariño; macr, macropterous brachypterous (brac). For measurements (in millimeters): body length (BL), length of antennomeres (Ant, I-IV), anteoculus/postoculus ratio AO/PO; abdominal length (LA). For biogeographical regions: Andean (and), Carribean (car), Pacific (pac), Orinoquia (ori).

Results

Hydrometra argentina Berg, 1879

Material examined. COLOMBIA, Cundinamarca, Tena, Laguna de Pedro Palo, 16 VI 1991, 1 male brac, 1 female brac D. N. Padilla, leg. (PSO-CZ).