



A new species of *Paravelia* Breddin, 1898 (Hemiptera: Heteroptera: Veliidae) from Colombia, with a key to Colombian *Paravelia* species

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Abstract

Paravelia daza **sp. n.** is described, including details of internal morphology, and compared with *P. inveruglas* (Kirkaldy) from Ecuador, a similar species within the genus. An identification key including *P. daza* **sp. n.**, *P. columbiensis* (Hungerford), *P. flavomarginata* (Hungerford) and *P. recens* (Drake & Harris), the four species of *Paravelia* so far recorded from Colombia, is also presented.

Key words: Aquatic bugs, Neotropical, South America, taxonomy

Resumen

Se describe a *Paravelia daza* **sp. n.**, con detalles de su morfología interna y se compara con una especie similar *P. Inveruglas* (Kirkaldy) de Ecuador. Se incluye una clave con las cuatro especies del género presentes en Colombia *P. daza* **sp. n.**, *P. columbiensis* (Hungerford), *P. flavomarginata* (Hungerford) and *P. recens* (Drake & Harris).

Palabras clave: Insectos acuáticos, Neotrópico, Sudamérica, taxonomía

Introduction

The subfamily Veliinae is composed of the genera *Angilia* Stål 1865, *Angilovelina* Andersen 1981, *Oiovelina* Drake & Maldonado-Capriles 1952, *Paravelia* Breddin 1898, *Platyvelina* Polhemus & Polhemus 1993, *Steinovelina* Polhemus & Polhemus 1993, *Stridulivelina* Hungerford 1929, *Velia* Latreille 1804, and *Veloidea* Gould 1934. Out of these nine genera, six are found in South America: *Oiovelina*, *Paravelia*, *Platyvelina*, *Steinovelina*, *Stridulivelina* and *Veloidea*.

Most of the species of *Paravelia* occur in South America, and approximately 51% of these can be found in Brazil (Polhemus 1976; Heckman 2011), whereas only three species have previously been recorded from Colombia. *Paravelia columbiensis* (Hungerford, 1930) and *P. flavomarginata* (Hungerford, 1930) have been described from the country; and Colombian specimens of *P. recens* (Drake & Harris, 1935), a bromeliad inhabiting species, have been reported by Polhemus and Polhemus (1991).

Paravelia daza **sp. n.** is herein described based on specimens collected in the Southwest Andes of Colombia, in permanent streams between 2,600 and 3,000 m elevation. The only sympatric species reported from that altitudinal range is *Eurygerris fuscinervis* (Berg, 1898) (Padilla-Gil & Arcos 2010).