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

DORA NANCY PADILLA-GIL

Universidad de Nariño, Ciudad Universitaria Torobajo, Facultad de Ciencias Exactas y Naturales. Departamento de Biología. Bloque 3, piso 4, Nariño, Colombia. E-mail: dnpadilla@udenar.edu.co.

Abstract

Paravelia fanera sp. n. and *Paravelia acantha* sp. n. are described from the Andean region of Colombia. An identification key and distributional data for Colombian species are given.

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

Introduction

The genus *Paravelia* is widely distributed in South America and three species have been described from Colombia: *Paravelia columbiensis* (Hungerford, 1930), *P. flavomarginata* (Hungerford, 1930), and *P. daza* Padilla-Gil & Moreira, 2011. *Paravelia recens* (Drake & Harris, 1935), according to Polhemus and Polhemus (1991) is also distributed in Colombia living in bromeliads.

Based on the material collected by the present author in the Cauca and Nariño departments of southwestern Colombia in the Andean region, two new species of the genus *Paravelia* are described *Paravelia fanera* sp. n. from the Santander de Quilichao municipality, located between latitude 3°1'0" N and longitude 76°29'0" W, at an altitude of 1450 m, and *Paravelia acantha* sp. n. from the Funes municipality, located between latitude 0°48' N and 1°03' N and longitude 77°33'–53' W at an altitude of 2340 m.

Material and methods

Deposition of specimens and collection codons: Colección de Entomología del Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá (ICN); Colección de la Universidad de Nariño, Pasto, Colombia (PSO-CZ).

Abbreviations used: specimens apterous (apt), macropterous (macr). For measurements: body length (BL), head length (HL), head width across eyes (HW), length of antennomeres I–IV (ANT I, ANT II, ANT III, ANT IV), minimum interocular distance (INT), maximum eye width (EYE), pronotum length on midline (PL), pronotum width (PW), length of foreleg segments (FORELEG), length of middle leg segments (MIDLEG), length of hind leg segments (HINDLEG), femoral length (FEM), tibial length (TIB), length of tarsomeres I–III (TAR I, TAR II, TAR III). All measurements are in millimeters.

Paravelia fanera sp. n.

(Figs. 1–10)

Type-material. Holotype, apt ♂: COLOMBIA, Departamento Cauca, Santander de Quilichao, Corregimiento San Pedro, Río Quilichao, 1450 m, 2 April 2010, leg. D. N. Padilla (ICN). PARATYPES, same data as holotype, 1 apt