



A new *Rhagovelia* in the *armata* group from Colombia (Hemiptera: Heteroptera: Veliidae)

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Abstract

Rhagovelia quilichaensis **sp. nov.** is described from Santander de Quilichao Municipality, Cauca Department, Colombia, and placed in the *armata* group. A key to the species of *Rhagovelia* species in the *armata* group from Colombia is provided.

Key words: new species, aquatic insects, tropical South America, key to species, Colombia

Introduction

The *armata* group of *Rhagovelia* composed of 26 species, seven of which are from Colombia: four *R. cauca*, *R. macarena*, *R. malkini* and *R. perija* species described by Polhemus (1997), and three *R. huila*, *R. azulita* and *R. oporapa* described by Padilla-Gil (2009). These species occur in departments of Cesar, Meta, Huila and Cauca.

Rhagovelia quilichaensis **sp. nov.**, is described and included in a key to the *Rhagovelia* species of the *armata* group from Colombia.

Material and methods

All measurements are in millimeters. The following abbreviations are used: apterous (apt), macropterous (macr); forewing venation, subcosta (Sc); radius + media + cubitus (R+M+Cu). Specimen repositories are as follows: Colección de Entomología del Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá (ICN); Colección de Entomología de la Universidad de Nariño, Pasto, Colombia (PSO-CZ); Padilla Collection, Bogotá, Colombia (CP).

Rhagovelia quilichaensis **sp. nov.**

Type material. HOLOTYPE, apt ♂, allotype apt ♀: COLOMBIA, Cauca, Santander de Quilichao, Corregimiento San Pedro, Río Quilichao, 1450 m, 2 April 2010, leg. D. N. Padilla (ICN). PARATYPES, same data as holotype, of these the following have been distributed: 4 apt ♂, 1 macr ♂, 2 apt ♀, 1 macr ♀ (PSO-CZ), 1 apt ♂, 1 macr ♂, 1 apt ♀, (ICN), 2 apt ♂ (CP).

Apterous male. Length 6.0; maximum width (across pronotum) 1.68. General dorsal coloration brown; with anterior band of pronotum, connexival margins, central portion of VII and VIII abdominal tergites, ventral surface, all acetabulae, coxae and trochanters dorsal and ventrally, yellow. Dorsal surface of body thickly covered with short, semi-recumbent, golden setae intermixed with scattered, long, erect, slender, black setae, these setae more numerous along posterior margin of segment VII.