



Two new species of *Rhagovelia* in the *salina* group from Colombia (Hemiptera: Heteroptera: Veliidae)

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Abstract

Rhagovelia rosarensis **sp. nov.** and *Rhagovelia aguaclara* **sp. nov.** from south-west Colombia are described and placed in the *salina* group. A key to the species of *Rhagovelia* in the *salina* group from Colombia, and habitat and distribution information for some species are provided.

Key words: key to species, new species, aquatic insects, South America, Tropical Pacific, Colombia, Nariño

Introduction

The *angustipes* complex is represented by three groups: *bisignata*, *hambletoni* and *salina* group (Polhemus, 1997). The last named group contains two described species from Colombia, *Rhagovelia arcuata* (Polhemus & Manzano) and *Rhagovelia colombiana* (Polhemus & Manzano). The present paper describes two new species in this group, *Rhagovelia rosarensis* and *Rhagovelia aguaclara*. The new species were collected in estuaries, Aguaclara and Río Rosario, in the south-west of Nariño, on the Pacific coast of Colombia.

Material and methods

All measurements are in millimeters. Apterous is abbreviated as “apt”. Specimens 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 rosarensis **sp. nov.**

Type material. HOLOTYPE, apt M, allotype macr F: COLOMBIA, Nariño, Tumaco, Río Rosario, Vereda Corriente Grande, 24 X 2009, leg. D. N. Padilla (ICN). PARATYPES, 3 apt M, 3 apt F (PSO-CZ).

Description. Colour and pilosity.- General colour dark brown and greater part of antennae, brown; genital segments (dorsal and ventral), rostrum, legs, outer rim of connexiva, shiny black. Anterior transverse band of pronotum, basal third of first antennal segment, all coxae, all trochanters, half basal of fore and hind femur, yellow. Venter brown, covered with short, semirecumbent, gold setae. Dorsum of thorax with bright black denticles. Dorsum covered with short, recumbent gold setae intermixed with scattered, long, brown setae; bearing long dark setae on sides of thorax. Vertex with numerous dark setae; antennal segment I bearing six long, stiff, erect black setae, two setae of this type also present near middle of segment II; legs with the usual pubescence and setae. Female: mesonotum with spot near to anterior mid-line; metanotum with posterior-