



New species of the genus *Corynoneura* Winnertz (Diptera, Chironomidae) from Brazil

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Abstract

Seven new species of the genus *Corynoneura* Winnertz from small streams in the Atlantic Forest are described; *Corynoneura fortispicula* sp. n., *Corynoneura hermanni* sp. n., *Corynoneura mediaspicula* sp. n., *Corynoneura mineira* sp. n., *Corynoneura septadentata* sp. n., *Corynoneura sertoadaquina* sp. n., *Corynoneura unicusculata* sp. n., as male, female, pupa and larva. Diagnosis and drawings of other two morphotypes based on female, pupa and larva are given. Larvae were collected from rocks, leaves and debris near the water surface and were reared. Males here described are defined by the phallapodeme sclerotized on posterior margin, females usually have labia fused as funnel.

Keywords: Diptera, Chironomidae, Orthoclaadiinae, taxonomy, Atlantic forest

Introduction

Corynoneura Winnertz had been oft cited as a genus with high numerical density in streams of the Neotropical region (Sanseverino & Nessimian 1998, Stur *et al.* 2000, Henriques-Oliveira *et al.* 2003, Suriano & Fonseca-Gessner 2004, Gualdoni & Corigliani 2005). Some studies also indicate a relatively high species richness of the genus in the region. Roback (1966) and Roback and Coffman (1983) described 10 morphotypes of *Corynoneura* from the Peruvian Amazon and from mountain streams of Venezuela. In Brazil studies in streams of the Atlantic Forest