

Two new species of Perlidae (Plecoptera) from Mato Grosso State, western Brazil

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Abstract

Adult stoneflies collected in emergence and light traps in central Mato Grosso State are studied. Two new species, *Anacroneuria jaciara* sp.n. and *Macrogynoplax matogrossensis* sp.n. are described.

Key words: Plecoptera, Perlidae, *Anacroneuria*, *Macrogynoplax*, Mato Grosso, Brazil

Introduction

Mato Grosso is the third largest Brazilian state, but the knowledge of its stonefly fauna is almost non-existent, as only one species of *Anacroneuria* (*A. lepida* Klapálek 1922) is known from the state. This species was collected in the Chapada dos Guimarães and the type is deposited in the Museum of Natural History, London. It lacks the abdomen. Two species described by Navás (1932), with types in the Deutches Entomologisches Institut Müncheberg, Germany, *A. genualis* and *A. melzeri*, have the label “Matto Grosso, S. Martinho, XI.29, W. Melzer”, but no São Martinho is known from the state and, at the time, the States of Rondonia and Mato Grosso do Sul were part of Mato Grosso. The locality remains undefined.

Two new species of perlids, one of *Anacroneuria* and one of *Macrogynoplax*, are described here. *Anacroneuria* is the largest Neotropical genus, with more than 230 species and distributed from southern United States to northern Argentina (Stark 2001). *Macrogy-*