



Three new species of *Anacroneuria* (Plecoptera: Perlidae) from the State of Mato Grosso do Sul, Brazil

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Abstract

Anacroneuria ofaye sp. n., *A. guaikuru* sp. n. and *A. payagua* sp. n. are described from Mato Grosso do Sul State, Brazil. *Anacroneuria genualis* (Navás) and *A. melzeri* (Navás), presumably from the same state, are redescribed.

Key words: Plecoptera, Perlidae, *Anacroneuria*, Mato Grosso do Sul, Brazil

Introduction

There are no published references on stoneflies from the State of Mato Grosso do Sul except, perhaps, for two species described by Navás (1932), *Anacroneuria genualis* and *A. melzeri*, from São Martinho, Mato Grosso. The State of Mato Grosso at that time included also the present states of Rondônia and Mato Grosso do Sul, but no “São Martinho” could be located on maps of those states. In Mato Grosso do Sul there is a Porto São Martinho, on the banks of the Vacaria River, that is a very likely possibility. These two species are redescribed here from the type material and three new species are also described. The types of the new species are deposited in the Museum of Zoology of the University of São Paulo.

Anacroneuria Klapálek

Anacroneuria genualis (Navás) comb. nov. (Fig. 1)

Neoperla genualis Navás 1932. Rev. R. Acad. Cien. 29: 58.

Material Examined. Holotype: m# [according to Navás], but now lacking the abdomen. Labels: Matto Grosso S. Martinho XI.29 W. Melzer/Melzer ded/Holotypus/Neoperla genualis Nav. P. Navás S.J. det./Typus/Dtsch. Ent. Inst. Berlin/Dtsch. Ent. Inst. Eberswalde/N. genualis Nav.

Redescription. General colour pale yellowish, with no darker pattern, as described by Navás (1932). Head and pronotum pale (Fig. 1), ocelli relatively large with black rings. Forewing length, 11.7 mm; wing membrane unpigmented, veins pale ochraceous to almost colourless. Legs pale yellowish with black knees. Body and legs relatively hairy.

Remarks. Uniformly pale species of *Anacroneuria* are not common, unless freshly moulted. *Anacroneuria lepida* Klapálek 1923, from Chapada dos Guimarães, Mato Grosso, is also a pale species and, as *A. genualis*, lacks the abdomen; the type is kept in the Museum of Natural History, London. Both should be considered *species inquirenda*.