

Two new species of *Amphinemura* (Plecoptera: Nemouridae) from Sichuan, China

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Abstract

The species of the genus *Amphinemura* from Sichuan are keyed. Two new species, *Amphinemura cestroidea* sp. n. and *Amphinemura ovalis* sp. n., are described. Their relationships with related species are discussed.

Key words: Plecoptera, Nemouridae, *Amphinemura*, new species, Sichuan, China

Introduction

The genus *Amphinemura* belongs to the subfamily Amphinemurinae with 127 known species from Holarctic and Oriental regions, including 40 from China. The species of *Amphinemura* from China were studied mainly by Wu (1938, 1962, 1973), Zhu and Yang (2002, 2003), Li *et al.* (2005) and Yang *et al.* (2005a & b). The following five species are known to occur in Sichuan: *Amphinemura claviloba* (Wu 1973), *A. forcipiloba* (Wu 1962), *A. furcostyla* (Wu 1973), *A. multispina* (Wu 1973), *A. unihamata* (Wu 1973). Sichuan province, with a subtropical climate, belongs to the Southwest and Central China regions of the Oriental Realm. In the present paper, two new species are added to the fauna of Sichuan. The species of the genus *Amphinemura* from Sichuan are keyed. The material studied is deposited in the Entomological Museum of China Agricultural University (CAU), Beijing, and all of the specimens are preserved in 75% alcohol. The morphological terminology generally follows that of Baumann (1975).