

New species of *Nemoura* (Plecoptera: Nemouridae) from China

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Abstract

Five species of the genus *Nemoura* from Oriental China are described as new to science: *Nemoura basispina* sp. n., *Nemoura floralis* sp. n., *Nemoura guangdongensis* sp. n. *Nemoura perforata* sp. n., and *Nemoura sichuanensis* sp. n. Their relationships with related species are discussed.

Key words: Plecoptera, Nemouridae, *Nemoura*, new species, China

Introduction

The genus *Nemoura* Latreille belongs to the subfamily Nemourinae and has more than 100 known species from the Holarctic and Oriental regions. The species of *Nemoura* from China were studied mainly by Chu (1928), Wu (1938, 1962, 1973) and Zhu & Yang (2003) with the following 19 known species: *Nemoura arlingtoni* Wu, *N. cochleocercia* Wu, *N. formosana* Shimizu, *N. furcocauda*, *N. geei* Wu, 1929, *N. grandicauda* Wu, 1973, *N. hangchowensis* Chu, 1928, *N. janeti* Wu, 1938, *N. jilinensis* Zhu et Yang, 2003, *N. klapperichi* Sivec, 1981, *N. manchuriana* Uéno, 1941, *N. matangshanensis* Wu, 1935, *N. miaofengshanensis* Zhu et Yang, 2003, *N. nankinensis* Wu, 1926, *N. needhamia* Wu, 1927, *N. papilla* Okamoto, 1922, *N. securigera* Klapálek, 1907, *N. spinosa* Wu, 1939, *N. yunnanensis* Wu, 1939. In the present paper, we describe five new species from Guangxi, Guangdong and Sichuan provinces of Oriental China. The studied material is deposited in the Entomological Museum of China Agricultural University (CAU), Beijing, and preserved in 75% alcohol. The morphological terminology follows that of Baumann (1975).