Species of Neoperla (Plecoptera: Perlidae) from Yunnan Province, China

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Abstract

Two new species of the genus Neoperla are described from Yunnan Province, China: Neoperla lihuei Li & Murányi, sp. nov. and Neoperla yanlii Li & Wang, sp. nov. They are compared with related congeners. Brief comments on the taxonomy of N. cavaleriei (Navás, 1922), N. limbatella Navás, 1933, N. obscurofulva Wu, 1962 and N. lui Du, 2004 are also presented.

Key words: Plecoptera, Perlidae, Neoperla, new species, China

Introduction


Material and methods

Specimens used in this study were collected using light traps. Types of the new species and other examined material are preserved in 75% ethanol. Studied specimens are deposited in the Insect Collection of Henan Institute of Science and Technology (HIST), Xinxiang, the Entomological Museum of China Agricultural University (CAU), Beijing, and in the Collection of Smaller Insect Orders, Department of Zoology, Hungarian Natural History Museum (HNHM), respectively, as indicated in the text. Aedeagi were everted using the cold maceration technique of Zwick (1983).
Remarks. See under Neoperla cavaleriei (Navás) above. Additional material is needed to clarify the identification of this species.

Distribution. China (Guangxi, Yunnan).

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References


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