A review of Rhopalopsole magnicerca group (Plecoptera: Leuctridae) from China

WEIHAI LI, & DING YANG

1Department of Plant Protection, Henan Institute of Science and Technology, Xinxiang, Henan 453003, China.  
E-mail: lwh7969@163.com

2Department of Entomology, China Agricultural University, 2 Yuanmingyuan West Road, Beijing 100193, China.  
E-mail: dyangcau@yahoo.com.cn

Abstract

The species of Rhopalopsole magnicerca group (Plecoptera: Leuctridae) from China are reviewed. Two additional species of the group are described as new: R. minutospina sp. nov. and R. wolong sp. nov. Rhopalopsole longispina and R. xui are considered as additional members of the group. The taxonomic relationships of new species with congeners are discussed and a key for the Chinese species in the group is presented.

Key words: Plecoptera, Leuctridae, Rhopalopsole, Rhopalopsole magnicerca group, new species, China

Introduction


The R. magnicerca group was recognized by Sivec et al. (2008) and originally included nine species. Three additional Vietnamese species were recently included in the group by Stark et al. (2012). In the present paper, the R. magnicerca group from China is reviewed. Two new species of the group are described: Rhopalopsole minutospina sp. nov. and R. wolong sp. nov. Rhopalopsole longispina Yang & Yang, 1991 is additionally placed in the group and R. xui Yang, Li and Zhu, 2004 is also included based on examinations of the type and additional material. The types and other material examined are deposited in the Entomological Museum of China Agricultural University, Beijing. Morphological terminology follows that of Sivec et al. (2008).

Taxonomy

Rhopalopsole minutospina Li & Yang, sp. nov.  
(Figs. 1–12, 47–48)

Male. Forewing length 4.4–4.6 mm, hindwing length 3.7–3.8 mm. Head and pronotum dark brown; compound eyes dark; antennae and mouthparts brown. Thorax brown; wings hyaline; legs brown. Abdomen brownish with terminalia brown.