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Maldonadocoris annulipes, a new genus and new species of Harpactorinae (Heteroptera: Reduviidae: Harpactorinae) from China

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Abstract

Maldonadocoris annulipes Zhao, Yuan & Cai, gen. & sp. nov. of the subfamily Harpactorinae from China is described and illustrated. An identification key and diagnostic characters are provided to distinguish Maldonadocoris from closely related genera. The type specimens are preserved in the Entomological Museum of China Agricultural University, Beijing.

Key words: Reduviidae, Harpactorinae, taxonomy, China, new genus, new species

Introduction

The Harpactorinae is the largest reduviid subfamily for including more than 300 genera and 2000 species in the world (Maldonado-Capriles, 1990). About 50 genera and 170 species under the subfamily Harpactorinae have been recorded in China (Hsiao & Ren, 1981; Cai, 1991, 1995; Putshkov & Putshkov, 1996; Hua, 2000; Ren, 2001; Cai & Tomokuni, 2003; Chen et al., 2004; Truong et al, 2005). In the recent expeditions to Guizhou for insect collecting, we discovered an undescribed species that can't be assigned to any known genus of Harpactorinae. So we erected a new genus to accommodate this species.

Distant (1904) have dealt with seven genera morphologically related to the new genus, and divided them into two divisions, Sycanaria and Yolinaria. The former division includes *Homalosphodrus* Stål, *Narsetes* Distant, *Arcesius* Stål and *Sycanus* Amyot & Serville. Genera *Yolinus* Amyot & Serville, *Agriolestes* Stål and *Agriosphodrus* Stål belong to the second division. Most of them are narrowly distributed in Oriental Region

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