

Notes on the genus *Barcinus* Stål 1873 (Heteroptera: Aradidae) from China, with the description of a new species

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Abstract

Two aradid species of the genus *Barcinus* from China are recognized. *Barcinus kormilevi* Bai, Heiss & Cai is described as new to science. The female of *Barcinus bhoutanensis* Usinger & Matsuda 1959 is redescribed. A key to the Chinese species of *Barcinus* is given, and diagnostic morphological features of new species are illustrated.

Key words: Heteroptera, Aradidae, Mezirinae, *Barcinus*, China, new species

Introduction

Barcinus Stål 1873 is a small genus of the subfamily Mezirinae. Only seven species were known prior to this study (Stål 1873, Distant 1902, Kormilev 1955, Usinger & Matsuda 1959, Kormilev & Froeschner 1987), all of them from the Oriental Region. Only one species, *B. bhoutanensis* Usinger & Matsuda 1959, has been recorded from China (Hua 2001). In a study of the Chinese aradids, we found one new species, which we describe here.

Materials and methods

This study is based on materials preserved in the Entomological Museum of the China Agricultural University, Beijing (CAU), and Hebei University, Baoding (HBUM). Male genitalia were soaked in hot 10% KOH for approximately 5 minutes to remove soft tissue, rinsed in distilled water, and dissected under a Motic binocular dissecting microscope.