



## New records, a synonymy and a new species of *Aradus* Fabricius, 1803 (Hemiptera: Heteroptera: Aradidae) from China

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### Abstract

In this paper five new records for the Chinese flat bug fauna are reported: *Aradus angularis* Sahlberg 1886, *Aradus betulae* (Linnaeus 1758), *Aradus distinctus* Fieber 1860, *Aradus tonkinensis* Kormilev & Heiss 1976, and *Aradus rysakovi* Kiritshenko 1951. *Aradus wuzhisanensis* Liu 1981 from Hainan Province is synonymised with *Aradus candidatus* Bergroth 1889, a species known from Myanmar, Thailand, and Laos. A new species, *Aradus gaoligongensis* n. sp. from Sichuan Province, belongs to the “transiens”-group and is described and figured. In addition, new distribution data are given for 8 *Aradus* species.

**Key words:** Heteroptera, Aradidae, *Aradus*, new species, new records, synonymy, China

### Introduction

During a recent visit of one of the authors (EH) at the China Agricultural University (CAU) in Beijing, the rich collection of Aradidae of this institute and borrowed material from other museums could be studied, including specimens from the collection of one author (EH). As a first result of our common investigations, new records, a synonymy, and the description of *Aradus gaoligongensis* n. sp. are presented here.

Although in recent years many efforts were undertaken to study the now available material of flat bugs from entomologically rather unexplored areas as Yunnan or Sichuan and Hainan provinces, resulting in reviews and descriptions of new *Aradus* species (Heiss 2001a, 2003a, 2003b, 2007a, 2008, 2010), the Aradidae-fauna seems to be much richer than expected.

It is our aim to contribute to a better knowledge of this family by publishing the results of the examination of this material in forthcoming papers.

### Material and methods

The material upon this study is based are kept at following collections:

CAU	China Agricultural University Beijing
CAS	Institute of Zoology, Chinese Academy of Science, Beijing
CEHI	Collection Ernst Heiss, Innsbruck

Measurements were taken with a micrometer eyepiece, 20 units = 1 mm unless otherwise stated. When citing the text of the labels on a pin attached to the specimens / separates the lines and // different labels.