

## Revision of the genus *Heterocoelia* Dahlbom from China, with a key to the Oriental species (Hymenoptera: Bethylidae)

ZAIFU XU<sup>1</sup> & JUNHUA HE<sup>2</sup>

<sup>1</sup> Department of Entomology, South China Agricultural University, Guangzhou 510642, The People's Republic of China (xuzaifu@scau.edu.cn)

<sup>2</sup> Department of Plant Protection, Zhejiang University, Hangzhou 310029, The People's Republic of China (jhhe@zju.edu.cn)

### Abstract

The males of two new species of *Heterocoelia* from China: *H. zhaoi* n. sp. and *H. sinensis* n. sp. are described and illustrated. A key to Chinese *Heterocoelia* is provided. The type specimens are deposited in the Department of Plant Protection, Zhejiang University, China.

**Key words** Hymenoptera, Bethylidae, *Heterocoelia*, new species, China

### Introduction

The genus *Heterocoelia* Dahlbom, 1854 consists of 30 species (Gordh, G. & Móczár, L., 1990; Xu, He and Terayama, 2003). Six species occur in the Oriental region. *H. laosensis* Móczár, 1975 from Laos, *H. vietnamensis* Móczár, 1975 from Viet Nam, *H. rufa* Móczár, 1979 from Sri Lanka, *H. karunaratnei* Móczár, 1979 from Sri Lanka, *H. granulata* Móczár, 1984 from Sri Lanka and *H. brevicula* Xu, He et Terayama, 2003 from China (Móczár, 1971, 1975, 1979, 1984; Xu, He & Terayama, 2003).

During a systematic study of the Chinese bethylid fauna, we recognized three species in this genus by comparison with the descriptions and figures in Móczár (1975, 1979, 1984) and Xu *et al.* (2003). Two of these are new to science and described here.

### Materials and Methods

Terminology for general descriptions follows Móczár (1970). Terminology for surface sculpture follows Harris (1979). Abbreviations used in the descriptions are as follows: