



Two new species of the ant spider genus *Asceua* Thorell, 1887 (Araneae: Zodariidae) from China

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Abstract

Two new spider species of the genus *Asceua* are reported from China, *Asceua quadrimaculata* sp. nov. (male, female) and *A. anding* sp. nov. (female). *A. torquata* (Simon, 1909) is newly recorded from China, and its male is described and illustrated for the first time.

Key words: taxonomy, *Asceua*, new species, new record, China

Introduction

Jocqué (1991) did the latest revision of the genus *Asceua* based on the type species and species closely related to it, and redefined this genus with the following characteristics: the relatively small size, the narrow cymbium in males and the long and meandering copulatory ducts in females. At present, *Asceua* includes 20 species (Bosmans & Hillyard, 1990; Barrion & Litsinger, 1995; Jocqué, 1991; Jocqué, 1995; Yaginuma, 1977; Song & Kim, 1997; Ono 2004; Logunov, 2010). Most of this species are mainly distributed in east and southeast Asia (Platnick, 2011). Five species have been reported from China, three species from Yunnan Province (*A. kunming* Song & Kim, 1997, *A. menglun* Song & Kim, 1997 and *A. similis* Song & Kim, 1997) and two species from Hainan (*A. jianfeng* Song & Kim, 1997) and Taiwan provinces (*A. japonica* (Bösenberg & Strand, 1906)), respectively.

During the examination of spider collections from China, two new *Asceua* species are recognized and described here: *A. quadrimaculata* sp. nov. and *A. anding* sp. nov.. We also describe the male of *A. torquata* (Simon, 1909) which is known only from the female from Vietnam.

Material and methods

Our methods and abbreviations follow those of Zhang, Zhang & Chen (2011). All specimens studied are deposited in the Museum of Hebei University (MHBU), Baoding, China.

Taxonomy

Asceua quadrimaculata sp. nov.

(Figs 1–7)

Type material. Holotype ♂, CHINA, *Hainan Province*: Datian National Nature Reserve (19°09'N, 108°47'E), 5 Aug. 2007, F. Zhang leg. **Paratypes**: 1♀, same data as holotype; 2♀, Bawangling Mountain (19°07'N, 109°04'E), 3 Aug. 2007, F. Zhang leg.; 1♀, Bawangling Mountain, 21 May 2009, C. Zhang leg.; 1♂, 3♀, Jianfengling Mountain (18°37'N, 108°42'E), 9 Nov. 2008, G.X. Han leg.; 2♂, 2♀, Jianfengling Mountain, 28 May 2009, C. Zhang leg.