



Review of the genus *Epacanthaclisis* Okamoto, 1910 in China (Neuroptera: Myrmeleontidae)

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Abstract

Nine antlion species of the genus *Epacanthaclisis* Okamoto, 1910 from China are reviewed. Two new species, *E. amydrovittata* Wan et Wang **sp. nov.** and *E. ningshana* Wan et Wang **sp. nov.**, are described and illustrated. *Epacanthaclisis moiwana* (Okamoto, 1905) is newly recorded in China. A key to the species of *Epacanthaclisis* from China is provided.

Key words: Neuroptera, Myrmeleontidae, *Epacanthaclisis*, new species, China

Introduction

The antlion genus *Epacanthaclisis* Okamoto, 1910 belongs to the tribe Dendroleontini of Myrmeleontidae (Neuroptera). There are 10 described species of *Epacanthaclisis* in the “Catalog of the World Antlions” (Stange, 2004), which are mainly distributed in central and eastern Asia. Five of them, *Epacanthaclisis banksi* Krivokhatsky, 1998, *Epacanthaclisis continentalis* Esben-Petersen, 1935, *Epacanthaclisis maculosa* (Yang, 1986), *Epacanthaclisis maculata* (Yang, 1986), *Epacanthaclisis minana* (Yang, 1999), have been reported in China. Another species, *Epacanthaclisis batangana* Yang, 1992 collected from Sichuan province of China, was not listed in this Catalog. Recently we discovered some specimens from provinces Gansu, Sichuan and Shaanxi which are different from all previously described species of *Epacanthaclisis*. We confirm that they are two new species of *Epacanthaclisis*. *Epacanthaclisis moiwana* (Okamoto, 1905) is the newly recorded in China increasing the total number of Chinese species of *Epacanthaclisis* to nine.

Material and methods

All the types of specimens and some specimens examined are deposited in the Insect Collections of China Agricultural University (ICCAU), Beijing, China. Other materials examined are deposited respectively in ICCAU, the Insect Collections of Yangtze University and the Insect Collections of Institute of Zoology, Chinese Academy of Sciences. Each specimen examined was given a database number corresponding to an ICCAU collection code entry. All figures are taken by a digital camera and processed in Adobe Photoshop CS. Wing venation terminology follows Wang (2003). Genitalia terminology is according to Mansell (1985).

Epacanthaclisis Okamoto, 1910

Epacanthaclisis Okamoto, 1910: 285. Type species: *Acanthaclisis moiwanus* (Okamoto, 1905) (as *Acanthaclisis moiwasana* [sic] Matsumura, 1910), by original designation. Synonymized by Stange (2004: 87).