A catalogue of the genus *Euscorpiops* Vachon, 1980 (Scorpiones: Euscorpiidae, Scorpiopinae) from China, with description of a new species

ZHI-YONG DI¹, YING-LIANG WU¹, ZHI-JIAN CAO¹, HENG XIAO² & WEN-XIN LI¹, ³

¹ College of Life Sciences, Wuhan University, Wuhan 430072, China
² College of Life Sciences, Yunnan University, Kunming 650091, China
³ Correspondence author. E-mail: liwxlab@whu.edu.cn

Abstract

A catalogue of Chinese species of the genus *Euscorpiops* Vachon, 1980 is provided. There are 10 species in total, none of them was recorded from China in "Catalog of the Scorpions of the World" (Fet et al., 2000). A new species, *E. puerensis* sp. nov., from southern Yunnan is described and illustrated. *E. puerensis* sp. nov. is characterized by having 18 external trichobothria (5 *eb*, 2 *esb*, 2 *em*, 4 *est*, 5 *et*), and 10 or 11 ventral trichobothria in the pedipalp patella; chela with a length/width ratio average of 2.7 on males and females; pedipalp chela fingers on adult females and males scalloped; pectinal teeth count 7–8; pectinal fulcra present.

Key words: scorpion, catalogue, *Euscorpiops*, new species, China

Introduction


Sixteen species of the genus *Euscorpiops* Vachon, 1980 have been reported worldwide, 7 of which are found in China (Di & Zhu, 2009), i.e. *E. asthenurus* (Pocock, 1900) (Xizang), *E. kamengensis* Bastawade, 2006 (Xizang), *E. karschi* (Xizang), *E. novaki* (Xizang), *E. shidian* (Yunnan), *E. vachoni* (Yunnan), *E. yangi* (Yunnan). Additionally, 3 new species from Yunnan were discovered in 2010, i.e. *E. validus* Di, Cao, Wu & Li, 2010, *E. xui* Sun & Zhu, 2010, and *E. puerensis* sp. nov., described in the present paper. Thus 10 species of the genus *Euscorpiops* are currently recognized from China. We provide the habitus of male *E. karschi* and habitus of both sexes of *E. validus* (Figures 35–38) to complement previously published papers.