

Revision of the spider family Trochanteriidae from China (Araneae: Gnaphosoidea)

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Abstract

Six species, including two new species, of the spider genus *Plator* Simon 1880 belonging to the family Trochanteriidae from China are reviewed, which are *Plator bowo* **sp. nov.**, *P. insolens* Simon 1880, *P. pandeae* Tikader 1969, *P. pennatus* Platnick, 1976, *P. sinicus* Zhu & Wang 1963 (revalidated) and *P. yunlong* **sp. nov.** The male of *P. pennatus* is described for the first time. Two species groups, *Plator insolens* group (including *P. insolens*, *P. sinicus* and the Japanese species *P. nipponicus* Kishida 1914) and *Plator pennatus* group (including *P. bowo* **sp. nov.**, *P. insolens*, *P. pandeae*, *P. pennatus* and an Indian species, *P. indicus* Simon 1897) are recognized.

Key words: *Plator*, new species, taxonomy

Introduction

The spider family Trochanteriidae Karsch, 1879, commonly called flat-spiders in China, is a relatively small family. A series of disquisitions on the family were published from 1969 to 2002 by Tikader, Platnick and others. Up to now, 18 genera and 146 species in 3 subfamilies are reported from all over the world (Platnick 2006), occurring in South Africa, Southern Europe, Central and South America, Southeast Asia and mostly in Australia.

Only 2 genera, *Plator* and *Olin* have been recorded from Asia. The genus *Olin*, was established from Southeast Asia by Deeleman-Reinhold (2001) for a single species, *O. platnicki* Deeleman-Reinhold, 2001. The genus *Plator* was erected by Simon (1880) for a single female, *P. insolens*, as type species of the genus on the basis of the specimen collected from Beijing (Peking), China. Up to the present, eight species were known all