



On some Linyphiidae of China, mainly from Taibai Shan, Qinling Mountains, Shaanxi Province (Arachnida: Araneae)

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Abstract

The collection of Prof. J. Martens and, in part, of Dr P. Jäger, mainly from Taibai Shan, Qinling Mountains, Shaanxi Province, China, contains 36 identifiable species of Linyphiidae. Among these, the following nine new species belong to known genera: *Agyneta martensi* **sp. n.**, *Arcuphantes chinensis* **sp. n.**, *Indophantes ramosus* **sp. n.**, *Mughiphantes beishanensis* **sp. n.**, *M. jaegeri* **sp. n.**, *M. martensi* **sp. n.**, *Nippononeta sinica* **sp. n.**, *Asthenargus conicus* **sp. n.**, and *Dicymbium sinofacetum* **sp. n.** Each of the remaining five new species warrants the erection of a new genus: *Houshenzinus* **gen. n.** (type species: *Houshenzinus rimosus* **sp. n.**), *Shaanxinus* **gen. n.** (type species: *Shaanxinus rufipes* **sp. n.**), *Shanus* **gen. n.** (type species: *Shanus taibaiensis* **sp. n.**), *Taibainus* **gen. n.** (type species: *Taibainus shanensis* **sp. n.**) and *Taibaishanus* **gen. n.** (type species: *Taibaishanus elegans* **sp. n.**). The following new synonym and combinations are proposed (valid names on the right): *Gnathonarium cambridgei* Schenkel 1963 = *Gnathonarium taczanowskii* (O. Pickard-Cambridge 1873) **syn. n.**, *Araeoncus stigmatosus* Xia, Zhang, Gao, Fei, Rui & Kim 2001 = *Tibioploides stigmatosus* (Xia, Zhang, Gao, Fei, Rui & Kim 2001) **comb. n.**, *Walckenaeria anguilliformis* Xia, Zhang, Gao, Fei, Rui & Kim 2001 = *Shaanxinus anguilliformis* (Xia, Zhang, Gao, Fei, Rui & Kim, 2001) **comb. n.**, and *Lepthyphantes huangyuanensis* Zhu & Li 1983 = *Tchatkalophantes huangyuanensis* (Zhu & Li 1983) **comb. n.** The female of *Tibioploides stigmatosus* **comb. n.** is described for the first time.

Key words: Spiders, taxonomy, new genera, new species

Introduction

At present the Linyphiidae fauna of China comprises 108 species of the subfamily Erigoninae, 90 species of Micronetinae, 74 species of Linyphiinae and 3 species of Stemonyphantinae (Tanasevitch 2006). So a total of about 275 species of Linyphiidae have hitherto been recorded in China. There is no doubt that this figure represents but a small