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Stephanidae Leach, 1815 (Hymenoptera: Stephanoidea) is an imperfectly known family in its systematics and many types have never been studied since their descriptions. At present 345 extant species are recorded worldwide, and only twenty species in five genera are known from six provinces of China. An extensive review of previously published literatures and previously unidentified specimens referred to Stephanidae results in taxonomic revision of the family from China. This monograph includes identification of six new species, establishment of nine new synonyms and designation of one lectotype. Descriptions and illustrations of all Chinese species are provided and keys to five genera from China and their species are made. The results of this monograph clarify some taxonomic confusion, richen the geographical distributions of Stephanidae in China and provide facilities for further research in Chinese Stephanidae.

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A REVISION OF THE CHINESE STEPHANIDAE (HYMENOPTERA, STEPHANOIDEA)

ZooKeys

Launched to accelerate biodiversity research

Chun-dan Hong, Cornelis van Achterberg, Zai-fu Xu



Parastephanellus brevicoxalis sp. n.

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