



A REVISION OF THE CHINESE TRIGONALYIDAE (HYMENOPTERA, TRIGONALYOIDEA)

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Orthogonalys clypeata Chen, Achterberg, He & Xu, sp. n.

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Trigonalyidae (Hymenoptera) is a worldwide small family in its own superfamily Trigonalyoidea. There are 93 recognized species in the world, with 16 species in 6 genera known from China before this study. In this monograph, the Chinese fauna of Trigonalyidae is revised, keyed and fully illustrated for the first time. Forty species in eight genera are recorded, with twenty species are new for science and two species are new for China. Seven new synonyms are proposed. One genus and six species are recognized as valid. Five new combinations are made. Four lectotypes are designated. The results clarify some taxonomic confusion, enrich the species and geographical distributions, and facilitate further taxonomic research of Trigonalyidae.

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