



Article

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Taxonomic study of the genus *Stilbops* Förster from Japan (Hymenoptera: Ichneumonidae: Stilbopinae)

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Abstract

The Japanese species of the genus *Stilbops* are taxonomically studied, with eleven species recognized. Three Russian Far East species, *S. cavigena* Kasparyan, *S. mandibularis* Kasparyan and *S. orientalis* Kasparyan are new to Japan. Six new species, *S. auster* sp. nov., *S. coeloclypeus* sp. nov., *S. ezoensis* sp. nov., *S. japonicus* sp. nov., *S. michinokuensis* sp. nov. and *S. montanus* sp. nov. are described. A key to Japanese species is provided. Their diversity and distribution patterns in the Eastern Palearctic Region are also discussed.

Key words: Description; Far East; habitat; parasitoid; new species.

Introduction

The genus *Stilbops* Förster, 1869 is the largest genus of the small ichneumonid subfamily Stilbopinae. Its host information is poorly known, but the European species parasitize larvae of microlepidoptera such as Adelidae (Coulon 1934; Sawoniewicz 1973; Fitton 1984; Shaw 1989). The monophyly of *Stilbops* has been supported by some evidences of synapomorphies (Wahl 1988; Quicke et al. 2009). The genus is divided into two subgenera: *Stilbops* s. str. and *Neostilbops* Kasparyan, 1999 (Kasparyan, 1999). The former subgenus has 20 described species in the Holarctic and Oriental Regions and is especially abundant in Eastern Palearctic Region; the latter subgenus is