

A study of Metopiinae from Turkey with description of a new species

(Hymenoptera: Ichneumonidae)

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Abstract. We describe a new ichneumonid species of the genus *Exochus* (*Exochus protuberans* Kolarov & Çoruh, sp. n.) and give data for 39 species of Metopiinae from Turkey, of which 25 are new to the Turkish fauna. We provide a check list for Turkish Metopiinae and a zoogeographic characterisation for each species.

Key words. Metopiinae, Ichneumonidae, new species, new records, Turkey, check list, zoogeographic characterisation.

Introduction

The Metopiinae is a medium-sized ichneumonid subfamily comprising 22 genera and about 660 species worldwide (YU & HORSTMANN 1997). They are koinobiont endoparasitoids of lepidopterous larvae, living usually in leaf rolls or folds on plants. Oviposition takes place into the host larva, but the adult emergence always occurs from the pupa. A key to the genera is given by TOWNES (1971).

The Turkish Metopiinae fauna is not well studied. The first reports were made by KOHL (1905), FAHRINGER (1922) and CLEMENT (1930). KOLAROV (1995) listed 22 species; subsequently some new records were added and the number of species known from Turkey is now 25 (KOLAROV & BEYARSLAN 1993, KOLAROV et al. 1997, KOLAROV & ÖZBEK 1998, ÇORUH et al. 2002). The present paper gives records for 39 species and raises the number of species recorded in Turkey to 51. These include one species described as new to science and 25 species new to the Turkish fauna. The dominant species are *Exochus mitratus* Gravenhorst, *E. vafer* Holmgren, *E. marklini* Holmgren and *E. castaniventris* Brauns. Metopiinae are rare in collections, and many species in our investigation are represented by single specimens.

List of species

(Species new to Turkey are marked by an asterisk)

Chorinaeus cristator (Gravenhorst, 1829)*

Material: Isparta, Uluborlu, 1060 m, 12.v.2004, 1 ♀. – Distribution: Europe, Azerbaijan and Siberia.