

A contribution to the knowledge of Tryphoninae (Hymenoptera, Ichneumonidae) from Turkey

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Abstract. This paper reports on a collection of 25 species (in 10 genera) of the subfamily Tryphoninae. Of these, 12 species and two genera, *Cycasis* Townes and *Oedemopsis* Tschek, are new for the Turkish fauna. With this contribution, the species and genera of Tryphoninae occurring in Turkey have increased to 62 and 18 respectively. For some species, the records indicate a much wider distribution area than was hitherto known. A zoogeographical characterisation is given for each of these 25 species.

Kurzfassung. Es wird über eine Sammlung von 25 Arten (in 10 Gattungen) der Unterfamilie Tryphoninae berichtet. Von diesen Arten sind 12 neu für die Türkei, einschließlich der beiden Gattungen *Cycasis* Townes und *Oedemopsis* Tschek. Mit diesem Beitrag erhöht sich die Zahl der Tryphoninae-Arten der Türkei auf 62, die Zahl der Gattungen auf 18. Für einige Arten ergibt sich ein wesentlich größeres Verbreitungsgebiet als bisher bekannt. Für alle 25 Arten wird eine zoogeographische Charakterisierung gegeben.

Key words. Tryphoninae, Ichneumonidae, Hymenoptera, new records, Turkey, Middle East.

Introduction

The Tryphoninae is a moderately large subfamily of the Ichneumonidae, with a worldwide distribution. Although most species are Holarctic in distribution, some 4500 species occur in the Palaearctic region. Most of them (tribes Tryphonini, Exenterini and Idiogrammatini) are koinobiont ectoparasitoids of Symphyta larvae (Hymenoptera), whilst others (tribes Pygodiectini and Oedemopsini) are trophically connected with various Lepidoptera species (Tortricidae, Noctuidae, Sphingidae etc.) species.

There have been few studies on the subfamily Tryphoninae in Turkey. Altogether, 50 species in 16 genera have been recorded (KOLAROV & BEYARSLAN 1994, KOLAROV 1995, KOLAROV et al. 1997, KOLAROV et al. 1999, ÖZDEMİR 2001, YURTCAN & BEYARSLAN 2002). We report here on a collection of 25 species from north-eastern Anatolia.

The overall distribution is given according to YU & HORSTMANN (1997). The material is deposited in the Entomology Museum, Atatürk University, Erzurum (EMET).

Results

25 species in 10 genera were recognized in the present collection. Of these, 12 species, indicated below with asterisks, are new for the Turkish fauna. Two genera, *Cycasis* Townes and *Oedemopsis* Tschek, are new for Turkey. With this contribution, the number of species and