

# *Orgilus (Orgilus) elazigensis* sp. n. from Eastern Turkey

(Hymenoptera: Braconidae: Orgilinae)

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**Abstract.** During studies on the Turkish Braconidae, a new species from the Turkish Eastern Anatolia region was recorded and described, and its morphological diagnostic characters are illustrated: *Orgilus (Orgilus) elazigensis* sp. n. It is distinguished from the closely-related species *Orgilus (O.) punctiventris* Tobias, 1976 by a shorter temple, longer mesosoma, different sculpture of the metasoma and shorter valves of the ovipositor.

**Key words.** Braconidae, Orgilinae, *Orgilus*, new species, Eastern Turkey

## Introduction

*Orgilus* Haliday, 1833 is a medium-sized genus of Ichneumonoidea comprising nearly 290 described species worldwide (YU et al. 2006). All known species are solitary, koinobiont endoparasitoids and often have apomorphic characters. The known hosts of *Orgilus* belong to the Coleophoridae, Gelechiidae, Pyralidae, Tortricidae, and Oecophoridae (Lepidoptera) (SHAW & HUDDLESTON 1991). Apomorphic characters of the adult are the absence of the vein 2A of hind wing, the more or less reduced metapleural flange and occipital carina dorsally, the more or less small radial cell of fore wing and anal lobe of the hind wing, and r-m of fore wing absent or present at basal part (ACHTERBERG 1987).

The Turkish fauna of *Orgilus* is poorly known. Some studies have been carried out by ACHTERBERG (1985), who also described a new Orgilinae genus (*Kerorgilus*) from Turkey. During a study on Palaearctic *Orgilus*, TAEGER (1989) reported two species from Turkey. The first detailed faunistic study of the Orgilinae fauna of Turkey was carried out by BEYARSLAN (1996) and covered various regions of the country. He reported a total of 9 species, one of which was described as new to science and 8 of which were new records for the Turkish Orgilinae fauna. BEYARSLAN & ÇETIN ERDOĞAN (2011) reported a total of 17 species, 10 of which were new records for the Turkish Orgilinae fauna. Up to now, 21 Orgilinae species have been recorded from Turkey. From a study undertaken in 2007-2009 on the Ichneumonoidea in Eastern Anatolia Region, a hitherto unknown species was found which is described here.

## Material and methods

This study is based on specimens collected from Elazığ, Eastern Anatolia Region of Turkey. For taxonomic examination of the material, BRAJKOVIĆ (1987), ACHTERBERG (1992), ACHTERBERG & QUICKE (1992), and BRAET & TIGNON (1992) were used. The specimens were identified mostly using keys by TOBIAS (1986) and TAEGER (1989). The definitions, ratios and abbreviations follow ACHTERBERG (1993). Length of ovipositor sheath defines the part extended beyond apex of meta-