

A study of the Iranian Ichneumonidae (Hymenoptera): I. Pimplinae and Tryphoninae

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Abstract. Faunistic data for 35 species of Pimplinae and Tryphoninae are given. Of these, 30 species are new for the Iranian fauna. A zoogeographic characterisation of each species is given. With this study, the number of species of Pimplinae known from Iran is increased to 29 and the number of species of Tryphoninae to 19.

Kurzfassung. Es werden faunistische Beobachtungen zu 35 Arten der Pimplinae und Tryphoninae mitgeteilt. Davon sind 30 Arten neu für die Fauna Irans. Für jede Art wird eine zoogeographische Zuordnung vorgeschlagen. Mit dieser Arbeit steigt die Anzahl der Pimplinae-Arten des Iran auf 29, die der Tryphoninae auf 19.

Key words. Pimplinae, Tryphoninae, Ichneumonidae, Iran, Middle East, new records, zoogeography.

Introduction

The Ichneumonidae fauna of Iran is not well studied, and the catalogue by KOLAROV & GHAHARI (2005) lists only 144 species. In the present paper, we present faunistic data for 35 species from the subfamilies Pimplinae and Tryphoninae. Of these, 30 species, marked in the text with an asterisk, are new for the Iranian fauna. For each species, the geographic distribution is given, and their zoogeographic characterisation is discussed. The arrangement of the taxa mainly follows YU & HORSTMANN (1997), but the Pimplinae tribes are arranged after GAULD et al. (2002). Most material was collected by second author and is now deposited in the collection of the first author. With this study, the number of species of Pimplinae known from Iran is increased to 29 and the number of species of Tryphoninae to 19.

List of the species Subfamily Pimplinae Tribe Delomeristini

**Perithous divinator* (Rossi, 1790)

Material: 1 ♂, 2 ♀ Ourmieh (West Azerbaijan), 1332 m, September 2002. – Distribution: Europe, North Africa, Caucasus, Turkey, Kazakhstan, China, introduced into North America.

**Perithous septemcinctorius* (Thunberg, 1822)

Material: 1 ♀ Mashhad (Khorasan), 985 m, May 2002. – Distribution: Europe, Caucasus, Turkey and south-eastern Kazakhstan.