

The Pompilidae (Hymenoptera, Aculeata) fauna of Turkey. Part 1: Ceropalinae and Pepsinae

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Abstract: This study of the spider wasps of the family Pompilidae of Turkey is based mainly upon our own material which has been collected since 1966 almost throughout the country, but also includes museum material and literature records. From the subfamilies Ceropalinae und Pepsinae 93 species and subspecies in 10 genera have been found in Turkey to date. Of these, two genera and 34 species and subspecies are recorded from Turkey for the first time in this paper.

Kurzfassung: Diese Untersuchung der Wegwespen der Familie Pompilidae der Türkei basiert vorwiegend auf eigenem Material, das seit 1966 in fast allen Landesteilen gesammelt wurde, schließt aber auch Museumsmaterial und Literaturdaten ein. Von den Unterfamilien Ceropalinae und Pepsinae wurden bisher 93 Arten in 10 Gattungen in der Türkei nachgewiesen, wovon im Rahmen dieser Studie 34 Arten bzw. Unterarten und zwei Gattungen erstmals für die Türkei gemeldet werden.

Key words: Hymenoptera, Pompilidae, fauna, new records, Turkey, Middle East.

Introduction

The family Pompilidae, known as “Spider wasps”, is distributed over almost the whole world. A large portion of them are fossorial and predatory wasps, but the family includes also some parasitoid species. Spider wasps are remarkable for their extremely high activity; they are frequently on the move, and are well known for their typically agitated searching behaviour (DAY 1988, GAULD & BOLTON 1988).

Faunal studies on the spider wasps of Turkey have been made by MOCZAR (1978, 1986a, 1986b, 1987, 1988, 1989, 1991), PRIESNER (1955, 1966, 1967, 1973), WOLF (1966a, 1966b, 1970, 1986, 1987, 1990, 1998), MADL (1997) and WAHIS (1997, 1998). These studies include the description of many new taxa from Turkey. Most of the material available from Turkey has been collected in the western part of the country. This study is based mainly upon approximately 3000 specimens collected by H.Ö. and E.Y. since 1966 almost throughout the country, but with the focus on eastern Anatolia. It also incorporates material held in various private and museum collections and studied by H.W. and R.W., and also the collection material of these co-authors. It is thus possible to provide the first comprehensive list of the species and subspecies of the family Pompilidae now known from Turkey.

In this first part, the subfamilies Ceropalinae and Pepsinae are dealt. The second part will cover the Pompilinae. Within the subfamilies, all taxa are listed in alphabetical order. Original collection material is arranged by provinces, the names of which are given in *italics*. For all records, the collection deposition is given in parenthesis.