

Additions to the fauna of Turkish Tachinidae (Insecta, Diptera)

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Abstract: In this paper, 19 species of Tachinidae are recorded for the first time in Turkey. This increases the number of species known from Turkey to 192.

Zusammenfassung: In dieser Arbeit werden 19 Arten der Familie Tachinidae als neu für die türkische Fauna festgestellt. Dies erhöht die Anzahl der aus der Türkei bekannten Arten auf 192.

Key words: Diptera, Tachinidae, parasitoids, Turkey

Introduction

The Tachinidae is the second largest family of the Diptera and is the most important group of entomophagous parasitoids (MELLINI 1990). It includes approximately 10,000 species worldwide. The larvae of all Tachinidae species are endoparasites, mainly in other insects. The majority of species use Lepidopterous larvae as hosts, but the adults, larvae and nymphs of other groups such as Hemiptera and Coleoptera also serve as hosts (BELSHAW 1993). Approximately 173 species of Tachinidae have been reported from Turkey to-date (KARA & ÖZDEMİR 2000), but it is thought that this is only a relatively small portion of species living there. In this paper, 19 species of Tachinidae are recorded as new to the fauna of Turkey. This contribution increases the number of Tachinidae known from Turkey to 192.

Species identification was made using the keys by TSCHORSNIG & HERTING (1994) and TSCHORSNIG & RICHTER (1998). The distribution is given according to HERTING & DELY-DRASKOVITS (1993), unless stated otherwise.

Results

Subfamily: Exoristinae. **Tribe:** Goniini

***Ceratochaetops trisetata* (Villeneuve, 1922)**

Material: Tokat (25.v.1994 1 ♂; 17.vii.1997 4 ♂).

Distribution: Spain, France, (former) Yugoslavia, Russia, Israel, Mongolia.

Hosts: unidentified Psychidae (Lepidoptera) (HERTING 1977).

***Pseudogonia rufifrons* (Wiedemann, 1830)**

Material: Tokat (Taşlıçiftlik, 15.vii.1998 1 ♂).

Distribution: (former) Czechoslovakia, Germany, France, Hungary, Italy, Russia, Israel, Mongolia, Japan.