

Magyarország fürkészlégy faunája (Diptera: Tachinidae) Tachinid fauna of Hungary (Diptera: Tachinidae)

Tóth Sándor

A szerző címe (Author's address):

H – 8420 Zirc, Széchenyi u. 2.

E-mail: flycatcher@vnet.hu

Abstract:

Tachinid fauna of Hungary (Diptera: Tachinidae) –

The Tachinid fauna of Hungary has relatively been well researched. Significant partial results of the smaller regions have been published by the second half of the 19th century (FÁSZL 1878, KOWARZ 1883). The summary of the knowledge at the end of the Century was published in the work called „*A Magyar Birodalom Állatvilága – Fauna Regni Hungariae*” (THALHAMMER 1900).

During the first half of the 20th century, works that contain more or less detail about the Tachinid fauna are the results of PILLICH (1914). During the second half the 20th century Ferenc Mihályi wrote the Diptera chapter (MIHÁLYI 1953) of the book called „*Bátorliget élővilága*”, in which the Tachinid fauna of the marsh of Bátorliget is also included.

The author of this volume has started the research of Tachinid fauna in the end 1970s. Besides the passionate personal collections, he operated permanent Malaise-traps in 33 different points of the country. These have contributed to a significant degree of the successful exploration of the fauna.

The volume looks on the research of the Hungarian Tachinid fauna, briefly describes the lifestyle of the fauna and the part that they play in nature. It does cover the quality and quantity of the fauna. The volume also presents the habitat of the species with UTM net-map, and illustrates the fenological specialties with the help of diagrams. Separate chart contains the binding of the species to their habitats, some fenological and ecological traits, the dominance values and the frequency category. This is followed by the chapter that contains the detailed faunal data, the bibliography, the English summary and the index.

There are 432 Tachinid taxa registered in Hungary today. The relatively rich and diverse characteristic of the fauna is due to the varied terrain and climate of the surrounding countries. Typically, in addition to the usual plain elements, there is a distribution of a fair number of rare species, especially typical of the Mediterranean Mountains.

Key words: Hungary, Diptera, Tachinidae, UTM map, taxonomy, phenology, habitat, distribution, faunistic list.