

A Catalogue of the Syrphidae (Insecta: Diptera) of Iran

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ABSTRACT

A taxonomical catalogue of 124 nominal species of the Iranian Syrphidae belonging to two subfamilies, 14 tribes, and 39 genera was provided. Based mostly on various faunistic survey reports, no syrphid species with collection records from Iran were listed. Therefore, we did not intend to confirm identifications by the previous studies except very obvious cases. A more comprehensive collection-based study is needed to confirm the actual Iranian occurrence of each species listed in this catalog.

Key words: Diptera, Syrphidae, Iran, catalogue, distribution

INTRODUCTION

The Syrphidae, flower flies or hover flies, are among the most common, most brightly colored and conspicuous, and most frequently collected specimens of Diptera.

For the Iranian fauna, Farahbakhsh (1961) for the first time and then Modarres Awal (1994) provided respectively a list of 4 and 15 syrphid species. Peck (1988) in his Palearctic Catalogue recorded 41 species from Iran.

Recently, many MS thesis concerning the Syrphidae fauna in different regions of Iran have been written (Fig. 1). Some of them are: Khiaban *et al.* (1998), 35 species; Gharali *et al.* (2000), 35 species; Dousti (1999), 27 species; Moetamedi nia *et al.* (2002), 20 species; Goldasteh *et al.* (2002) 27 species; Sadeghi *et al.* (2002), 21 species; Amirimoghadam (2004), 24 species.