

ABSTRACT

A revisionary survey based on materials kept in the main reference insect collections in Egypt and available information in the literature was made to recognize the ichneumonid fauna of Egypt. In the mean time, an extensive field survey covering various geographical zones was carried out.

A total of 152 species and subspecies belonging to 50 genera of 13 subfamilies were recognized, of which one species is introduced to science as new and eleven species are new records to Egypt.

All ichneumonid taxa (subfamilies, genera and species) are diagnosed, keyed, supported with synonyms, illustrations and distributional data; together with taxonomical, biological and ecological remarks and comments. Nomenclatorial taxonomic changes and categories emendations were made to provide up to date list of all ichneumonid species known to occur in Egypt.

Also, a list of host pests (parasitized by ichneumon wasps) that may be of value in biological control and IPM programs is provided.

Key words: Ichneumonidae, Taxonomy, Ecology, Hymenoptera, Parasitica, Egypt.

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