Contributions to a Manual of Palaearctic Diptera

Edited by L. Papp and B. Darvas

Volumes 1–3, Appendix

The excellently illustrated volumes of the “Contributions to a Manual of Palaearctic Diptera” morphological, physiological, genetic, ecological and economic up-to-date knowledge of dipteronous species (midges and flies), which have significant importance in genetics as model organisms, in plant cultivation as pests or beneficial parasitoids, in animal husbandry and human health as vectors of serious illnesses and which are important for ecosystem function, are treated. Morphological keys to generic level for adults and larvae are provided, which help readers with identification of dipteronous pests and parasitoids, while readers in the field of applied dipterology will find suitable environmentally friendly methods against pests or biological control methods.


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New records of Diptera species from Hungary, with the list of the Hungarian Scathophagidae

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Abstract – First Hungarian record of 16 species of Macroceridae, Mycetophiliidae, Acroceridae, Empididae, Lonchopteraeidae, Lauxaniidae, Chamaemyiidae, Carnidae, Scathophagidae and Tachinidae are reported with additional data for other rare Diptera. Meeneura sabroskyi sp. n. (Carnidae) is described from Hungary, the genera Anthepiscopus BECKER, 1891 (Empididae), Delina RObINEAU-DESVOYD, 1830, Scoliopters BECKER, 1894 and Spathiphilus BECKER, 1894 (Scathophagidae) are reported for the first time. The revised list of the Hungarian Scathophagidae (41 spp.) is given. With four figures.

Key words – Macroceridae, Mycetophiliidae, Acroceridae, Empididae, Lonchopteraeidae, Lauxaniidae, Chamaemyiidae, Carnidae, Scathophagidae, Tachinidae, Meeneura, faunistc survey, new species, new record, Hungary.

INTRODUCTION

The critical list of the dipteronous insects of our country, “Checklist of the Diptera of Hungary” was published five years ago (PAPP 2001a). Our collection programme “Large blank spots in the Diptera fauna of Hungary”, supported by the Hungarian Scientific Research Fund (OTKA), was closed in 2002. However, new opportunities for collecting in Hungary have been established by a project on the faunagenesis in the Carpathian Basin from 2005. A part of new findings based on specimens captured in 2004 and 2005 is given in the present paper. In addition, corrections, omissions, misinterpretations, etc., to/ of those, which were published in the Checklist, and we have so far realised in the respective dipteronous families, are also published below.