

FOLIA ENTOMOLOGICA HUNGARICA  
 ROVARTANI KÖZLEMÉNYEK  
 LXII 2001 pp. 283–292

Cyclorrhaphan flies new for the fauna of Hungary (Diptera)\*

L. Papp

*Cyclorrhaphan flies new for the fauna of Hungary (Diptera)* — First records (or first reliable records based on voucher specimens) for species of Platypezidae, Phoridae, Strongylophthalmyiidae, Sepsidae, Sciomyzidae, Lauxaniidae, Chamaemyiidae, Pallopteridae, Anthomyzidae, Sphaeroceridae, Carnidae, Milichiidae, Agromyzidae, Scathophagidae, Fanniidae, Muscidae, Tachinidae are reported (44 spp.). The genera *Microsania*, *Menzioia*, *Strongylophthalmyia*, *Xenosepsis*, *Tetanura*, *Xenolimosina*, *Ptochomyza*, *Acanthocnema*, *Hydromyza*, *Piezura* and *Cinochira* are recorded for the first time here. This is the first record of the family Strongylophthalmyiidae from Hungary.

**Key words:** Platypezidae, Phoridae, Strongylophthalmyiidae, Sepsidae, Sciomyzidae, Lauxaniidae, Chamaemyiidae, Pallopteridae, Anthomyzidae, Sphaeroceridae, Tethinidae, Carnidae, Milichiidae, Agromyzidae, Scathophagidae, Fanniidae, Muscidae, Tachinidae, faunistic survey, new records, Hungary.

INTRODUCTION

In the frame of the project Large blank spots in the Diptera fauna of Hungary our aim is to collect and publish species representing dipterous families formerly not recorded from Hungary. As a matter of course, species representing not recorded genera are also targets of our activity. The results of the collections made in 1999–2000 are included also in the "*Checklist of the Diptera of Hungary*"; a part of them is reported in this paper. In the course of compiling manuscripts for the Checklist, we found also specimens identified by famous specialists but never published. Some of the records in this paper are this kind of supplements. Again, specimens collected earlier (even two or three decades ago) are also published here, in order to avoid publication of first records in the Checklist.

All the specimens below are preserved in the Diptera collection of the Department of Zoology, Hungarian Natural History Museum, Budapest (below: HNHM). The months are given as given on the collection labels, i.e., May: május, 05., June: június, 06., July: július, 07., October: okt., 10., etc.; since labels are written in Hungarian, months come first. The following Hungarian words are on numerous labels: "patak fölött": over the brook, "patak fölött és mellett": over and along/beside the brook. Some abbreviations used also on collection

\* This paper was written for the project of "Large blank spots in the Diptera fauna of Hungary", supported by the Hungarian Scientific Research Fund (OTKA, No. T 30242).

- Toxoneura laetabilis* (Loew, 1873) — 1 female: Kőszegi TK: Kőszeg, Hármaspatak fölött és mellett, 2000. 07. 25., leg. Papp L. — First record from Hungary (cf. Merz 2000).  
*Toxoneura trimaculata* (Meigen, 1826) — 1 male: Duna-Ipoly NP: Szokolya, Lesvölgy, patak fölött, mellett, 2000. 08. 02., Papp. — A species rare in Hungary (Merz 2000).

## ANTHOMYZIDAE

- Anthomyza pallida* Zetterstedt, 1838 — 1 female: Zempléni TK: Nagyhuta, Kőkapu, Kemence-p. égeresei, 2000. 07. 04., leg. Papp L. — A species new to Hungary, cf. Soós (1981).

## SPHAEROCERIDAE

- Lotobia africana* (Becker, 1907) — Zámoly: Forráspuszta, 1992. 06. 03., (3); Vértesboglár: 1992. 05. 13–28., (6); Kunszenmiklós, Janovics-hodályok, 1991. 09. 26., (4), 1992. 06. 01.–10. 13., (5), 1993. 06. 02–09. 28., (27), 1994. 06. 02–28., (364). — These 409 specimens were published in Table 1 of Papp (1995) but without a note that this species is new for the Hungarian fauna. There are altogether 241 voucher specimens in the collection of the HNHM from various parts of our country but from the mountains. Actually a lowland species in Hungary, and in the dry sheep-runs it is more abundant than *L. pallidiventris* (see Papp 1995).

- Xenolimosina setaria* (Villeneuve, 1918) — Vértes hg., leg. Papp L.: 3 males, 1 female: Gánt, Vérteskozma, Marburg-kereszt, szurdokerdő, 1992. X. 27.; 7 males, 8 females: Szár, Fáni-völgy, szurdokerdő, *Armillaria mellea* gombákról, 1992. X. 27.; 1 male: Gánt, Fáni-v., erdei avarról, 1995. X. 31. — This is the only site where it was found, although I collected thousands of flies in similar conditions on other parts of our country. A genus and species new to Hungary.

## TETHINIDAE

- Pelomyia steyskali* Hardy et Delfinado, 1980 — 1 male: Aranyosgadány, takarmánykamra ablakáról [on window of a fodder storage room], 1999. július 20–21., Papp L. — The first male from Hungary, a teneral, freshly emerged specimen.

## CARNIDAE

- Meoneura exigua* Collin, 1930 — 1 male: Óriszén-téner, Lugosi erdészház, erdei

287  
 tisztás [forest clearing], 1980. VII. 31., leg. Papp L. — Papp (1984: 121) published this species in the Catalogue of Palaearctic Diptera as "H". This is actually the first record from Hungary.

- Meoneura prima* (Becker, 1903) — 4 males: K[iskunsági] NP: Apaj, nyárfán [on a poplar tree] (8 m), kerecsensólyom fészekből kinevelve [reared from a nest of *Falco cherrug*]. — A species new to Hungary.

## MILICHIIDAE

- Desmometopa microps* Lamb, 1914 — 67 males, 34 females from Budapest Pestszentlőrinc, Péterhalmi-erdő and from Aranyosgadány (and a number of additional specimens in the unnamed material); from 25 June to 21 August. — Formerly known from the Oriental Region and from the Seychelles Is., and as for the Palaearctic from China, Japan and from the easternmost part of Afghanistan.

- Madiza eximia* L. Papp, 1993 — 1 male, 1 female: Zempléni TK: Bózsza [actually Nagyhuta], Senyő-völgy, korhadt nedves fák, 1998. 05. 20., leg. Papp L. — It was described on the basis of a single female; it would be important to study the male genitalia in order to find the correct relationships of this peculiar species within the subfamily Madizinae.

## AGROMYZIDAE

- Dizygomyza caricicola* (Hering, 1926) — "*Cerodontha* (Diz.) *caricicola* (Her.) Zlobin det. 1979": 1 male: Tata, Öreg-tó, 1959. VII. 7., leg. Mihályi; 1 male: Ócsa, Nagyerdő, 1958. V. 20., leg. Mihályi; 1 male: Bükk hg. [actually Eger, Szőlőcskepuszta], Sikfőkút, erdő, 1973. V. 29., leg. Vásárhelyi; 2 males: Hejőbába, 1964. V. 7–14., leg. Tóth S. — Zlobin identified the above-mentioned five males for the HNHM but he did not publish them (Zlobin 1980); the same holds for the next three species.

- Dizygomyza ireos* (Robineau-Desvoidy, 1851) — "*Cerodontha* (Diz.) *ireos* (R.-D.), Zlobin det. 1979": 1 male: Békási-szoros [Romania], Szil.[ády], 931. VIII. 22.; 2 males: Csévharaszt, erdő, nyíres, 1970. VIII. 12., 1973. VI. 20., leg. Papp L. — Surányi (1942: 14–15) recorded this species based on mines in *Typha latifolia* and *Iris germanica*. However, we regard the two Csévharaszt males as the first reliable record from Hungary.

- Dizygomyza luctuosa* (Meigen, 1830) — "*Cerodontha* (Diz.) *luctuosa* (Mg.), Zlobin det. 1979": 19 males from Bükk hg. (Tardi-p. völgye), Tard (Bábavölgy), Tiszatarján (Tisza ártere), Oszlár (Tisza ártere), Gyón, Tata (Öreg-tó, Arborétum), Szentendre, Szuontornya, Fót, Dobsina, from April 23 to Sep 14. 1 male: Cs[ik]sztdomokos, 943. VI. 15–16., leg. Soós Á. és Allodiatoris. — These are the first records from Hungary and by the last specimen it is new also for Romania.

- Dizygomyza silvatica* (Groschke, 1957) — 1 male: Sikonda, erdő, 1958. VIII. 1., leg. Zárkó, "*Cerodontha* (Diz.) af. *silvatica* (Grosch.) Zlobin dt 1979". — First Hungarian record.

- Phytobia cambii* (Hendel, 1931) — 1 male: Hargitafürdő, 943. VII. 7., leg. Dudich és Szabó Z. — This is the first record for Romania.