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The Sciomyzidae of Turkey (Diptera, Sciomyzidae)

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Abstract

The paper deals with the *Sciomyzidae* of Turkey. 35 species are listed.

Zusammenfassung

Die Arbeit behandelt die *Sciomyzidae* der Türkei. 35 Arten werden verzeichnet.

The studies of *Sciomyzidae* have stimulated interest for both applied and theoretical reasons. All larvae feed on aquatic or terrestrial *Mollusca* and these malacophagous *Diptera* are suggested as possible agents for biological control of snails that carry diseases (fascioliasis and schistosomiasis, BERG and KNUTSON 1978).

Knowledge of the *Sciomyzidae* of Turkey is scarce and fragmentary. We have the possibilities to let know the species that we have recorded during researches on

horse-flies. In the same time, we give systematically the actual list of turkish species with the aid of the more recent bibliography.

Salticellinae

1. *Salticella fasciata* (MEIGEN,1830).

Sciomyzinae

Sciomyzini

2. *Colobaea punctata* (LUNDBECK,1923).
3. *Pherbellia cinerella* (FALLEN,1820). - Bolu: Abant, 1140m, 22.7.1965, 6♂♂ 4♀♀; Bursa: Uludag, 27.7.1967, 1♀; Hakkari: Semdinli, 1350m, S Yüksekova, 9.8.1983, 2♀♀; Adiyaman: Nemrut Dagi, 1800m, 1.6.1983, 2♂♂ 1♀; Erzurum: Pass W Oltu, 2200m, 6.7.1985, 5♂♂ 5♀♀.
4. *Pherbellia dorsata* (ZETTERSTEDT,1846).
5. *Pherbellia griseola* (FALLEN,1820). - Erzurum: Pass W Oltu, 2200m, 6.7.1985, 5♂♂ 5♀♀.
6. *Pherbellia grisescens* (MEIGEN,1830).
7. *Pherbellia schoenherri* (FALLEN,1826). - Kars: Aras-Tal W Karakurt, 1300m, 4.7.1985, 1♂ 1♀.
8. *Pherbellia ventralis* (FALLEN,1820). - Erzurum: Pass W Oltu, 2200m, 6.7.1985, 1♀.
9. *Sciomyza testacea* MACQUART,1835.

Tetanocerini

10. *Coremacera amoena* (LOEW,1853). - Hakkari: Habur Deresi-Tal S Beytisebap, 1100m, 1.-3.8.1982, 1♂ 1♀; Semdinli, 1350m, S Yüksekova, 9.8.1984, 1♂ 1♀.
11. *Coremacera catenata* (LOEW,1847). - Bolu: Abant,1140m, 22.7.1965, 1♀, and 1512m, 26.-27.7.1966, 1♂ 2♀♀; Burdur: Burdur, 22.7.1965, 1♀; Mardin: Epsi, 25.7.1983, 1♂ 1♀; Adiyaman: Celik Gölü, 900m, bei Gölba-si, 21.6.1985, 3♂♂ 2♀♀; Kars: Aras-Tal W Karakurt, 1300m, 4.7.1985, 7♂♂ 1♀.
12. *Coremacera marginata* (FABRICIUS,1781). - Bolu: Abant, 1140 et 1512m, 22.-26.7.1965, 3♀♀.
13. *Coremacera obscuripennis* (LOEW,1845). - Hakkari: Habur Deresi-Tal S Beytisebap, 1200m, 26.6.1985, 1♂.
14. *Coremacera trivittata* (LOEW,1860).

15. *Dichetophora obliterata* (FABRICIUS,1805). - Hakkari: Habur Deresi-Tal S Beytisebap, 1100m, 1.-3.8.1982, 1♂ 3♀♀; Sat Dag, Shagulut SW Yüksekova, 1700m, 4.-8.8.1982, 3♂♂ 2♀♀; Sat Dag, Varegös, SW Yüksekova, 1700m, 4.-8.8.1982, 2♀♀.
16. *Euthycera chaerophylli* (FABRICIUS,1798).
17. *Euthycera flavostriata* (VILLENEUVE,1911).
18. *Euthycera stictica* (FABRICIUS,1805). - Adiyaman: Celik Gölü, 900m, bei Gölbasi, 21.6.1985, 4♂♂ 7♀♀.
19. *Hydromya dorsalis* (FABRICIUS,1798). - Hakkari: Habur Deresi-Tal, 1100m, S Beytisebap, 1.-3.8.1982, 2♂♂ 1♀; Erzurum: Pass W Oltu, 2200m, 6.7.1985, 2♂♂.
20. *Knutsonia albisetata* (SCOPOLI,1763). - Erzurum: Pass W Oltu, 2200m, 6.7.1985, 1♂.
21. *Knutsonia truqui* (RONDANI,1868).
22. *Knutsonia turcestanica* (HENDEL,1903).
23. *Knutsonia unipunctata* (MACQUART,1849). - Adiyaman: Celik Gölü, 900m, bei Gölbasi, 21.6.1985, 1♂ 1♀.
24. *Limnia unguicornis* (SCOPOLI,1763). - Tekirdag: Tekirdag, 26.7.1965, 1♂; Bolu: Abant, 1140m, 22.7.1965, 1♂; Adiyaman: Celik Gölü, 900m, bei Gölbasi, 21.6.1985, 12♂♂ 10♀♀; Erzurum: Pass W Oltu, 2200m, 6.7.1985, 12♂♂ 10♀♀.
25. *Pherbina coryleti* (SCOPOLI,1763). - Izmir, Kusadasi, 17.-24.7.1965, 1♀.
26. *Pherbina mediterranea* MAYER,1953. - Istanbul, Kumburgaz, 5.6.1967, 1♂; Bolu: Abant, 1140m, 22.7.1965, 1♂; Adiyaman: Celik Gölü, 900m, bei Gölbasi, 21.6.1985, 4♂♂ 7♀♀; Erzurum: Pass W Oltu, 2200m, 6.7.1985, 4♂♂ 8♀♀; Kars: Aras-Tal W Karakurt, 1300m, 4.7.1985, 1♂ 1♀.
27. *Psacadina verbekei* ROZKOSNY,1975. - Tekirdag: Tekirdag, 26.7.1965, 1♂; Adiyaman: Celik Gölü, 900m, bei Gölbasi, 21.6.1985, 2♂♂; Kars: Aras-Tal W Karakurt, 1300m, 4.7.1985, 3♂♂.
28. *Sepedon spegea* (FABRICIUS,1781). - Hakkari: Sat Dag, Varegös, SW Yüksekova, 1700m, 4.-8.8.1983, 1♀; S Yüksekova, 28.6.1985, 1♀.
29. *Sepedon spinipes* (SCOPOLI,1763).
30. *Tetanocera arrogans* MEIGEN,1830.
31. *Tetanocera elata* (FABRICIUS,1781).

32. *Tetanocera ferruginea* FALLEN, 1820.
33. *Tetanocera montana* DAY, 1881.
34. *Tetanocera punctifrons* RONDANI, 1868. - Erzurum: Pass W Oltu, 2200m, 6.7.1985, 11♂♂ 1♀.
35. *Trypetoptera punctulata* (SCOPOLI, 1763). - Izmir: Kusadasi, 17.-23.7.1965, 1♀.

Conclusions

35 species of *Sciomyzidae* are now known to occur in Turkey. 6 species are listed here for the first time: *Pherbellia griseola* (FALLEN, 1820), *Pherbellia schoenherri* (FALLEN, 1826), *Coremacera marginata* (FABRICIUS, 1781), *Dichetophora obliterated* (FABRICIUS, 1805), *Euthycera stictica* (FABRICIUS, 1805), *Trypetoptera punctulata* (SCOPOLI, 1763).

About 200 species are known from the palaeartic region. Thus it is necessary to continue investigations in Turkey. Usefull references are listed in the bibliography.

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