

Additional data to the hoverfly fauna of Turkey (Diptera: Syrphidae)

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TÓTH, S.: *Additional data to the hoverfly fauna of Turkey (Diptera: Syrphidae)*.

Abstract: In 1984, between the 1st and the 24th of May, the author spent almost a month in Turkey with three colleagues to collect hoverfly species. The field work took 22 days in the western half of the Turkey covering 53 different locations. During this time 157 hoverfly species were collected. Based on the Syrphidae checklist of Turkey (SARIBIYIK 2011) 24 new taxa were detected. The newly recorded species are: *Anasimyia acontracta* Claussen & Torp, 1980, *Anasimyia interpuncta* (Harris, 1776), *Anasimyia lineata* (Fabricius, 1787), *Brachyopa dorsata* Zetterstedt, 1837, *Callicera aenea* (Fabricius, 1781), *Cheilosia albipila* Meigen, 1838, *Cheilosia barbata* Loew, 1857, *Cheilosia chloris* (Meigen, 1822), *Cheilosia orthotricha* Vujčić & Claussen, 1994, *Cheilosia praecox* (Zetterstedt, 1843), *Chrysotoxum verralli* Collin, 1940, *Dasysyrphus venustus* (Meigen, 1822), *Helophilus pendulus* (Linnaeus, 1758), *Merodon natans* (Fabricius, 1794), *Neoascia geniculata* (Meigen, 1822), *Neoascia meticulosa* (Scopoli, 1763), *Orthonevra brevicornis* (Loew, 1843), *Orthonevra incisa* (Loew, 1843), *Orthonevra splendens* (Meigen, 1822), *Paragus cinctus* Schiner & Egger, 1853, *Parhelophilus frutetorum* (Fabricius, 1775), *Pipizella viduata* (Linnaeus, 1758), *Psilota innupta* Rondani, 1857, *Sphaerophoria interrupta* (Fabricius, 1805).

Keywords: Diptera, Syrphidae (hoverfly), Turkey

Introduction

The author spent 22 days in the Western part of Turkey with three entomologist colleagues in 1984 to collect hoverfly species. The expedition took part from the 1st of May until the 24th May. The main aim was to study Diptera, Syrphidae fauna from the faunistic point of view. The rest of the group collected insects, and sometimes even caught hoverflies. Except for a few hours spent with tourism in the area, we spent a total of 22 days with field working. During this time, roughly 53 areas of the western half of the country (Fig. 1) were visited.

Material and methods

The published material was mainly recorded by the author with insect nets.

Identification was completed with the help of the following publications: STACKELBERG (1970), STUBBS & FALK (1983), VAN VEEN (2004), BARKALOV & STÄHLS (1997),

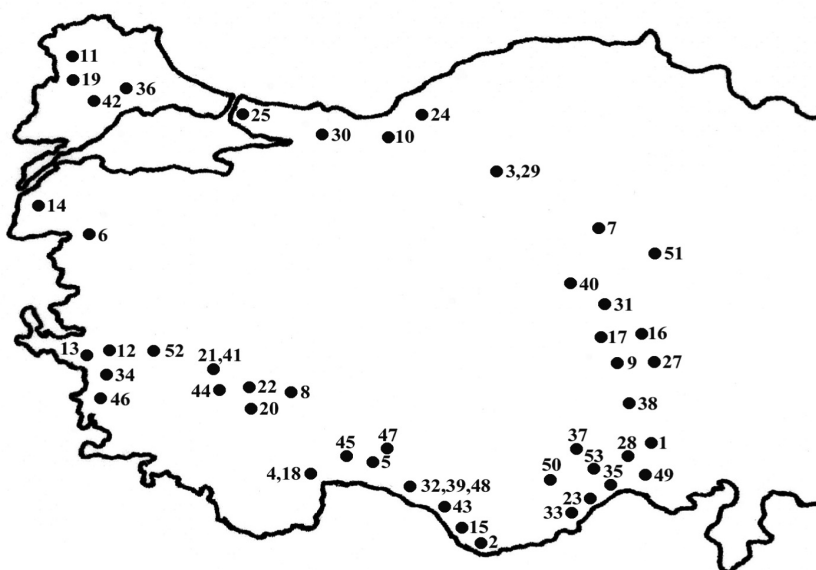


Fig. 1: The list of the provisional representation of the examined field areas, and collection points

BARKEMEYER & CLAUSSEN (1986), CLAUSSEN (1998), DOCZKAL & SCHMID (1994), GOELDLIN DE TIEFENAU (1976), THOMPSON & TORP (1986).

Nomenclature: MAIBACH et al. (1998), PECK (1988), SSYMANK et al. (1999).

The list of the collecting sites:

- | | |
|-----------------------|------------------------------------|
| 1. Aladağ (Mersin) | 21. Hierapolis (Pamukkale) |
| 2. Anamur | 22. Honaz |
| 3. Ankara: Cigir | 23. İçel: Mts. Taurus, Ayaş |
| 4. Antalya | 24. Isabeyli |
| 5. Aspendos (Antalya) | 25. İstanbul |
| 6. Bergama/Pergamon | 26. İzmir: Bergama, Asklepiyon |
| 7. Boğazkale | 27. Kaymaklı |
| 8. Çardak (Denizli) | 28. Kerimler (Mersin) |
| 9. Derinkuyu | 29. Keskin (Ankara) |
| 10. Düzcce | 30. Kirkpınar (Sakarya) |
| 11. Edirne | 31. Kırşehir |
| 12. Efas | 32. Kizilot |
| 13. Ephesos (Selçuk) | 33. Korykos |
| 14. Ezine | 34. Lake Kocagoz, Ephesos, (İzmir) |
| 15. Gazipaşa | 35. Mersin |
| 16. Göreme (Nevşehir) | 36. Muratlı (Tekirdag) |
| 17. Gülşehir | 37. Namrun (Çamliyayla/Mersin) |
| 18. Güney (Antaya) | 38. Niğde |
| 19. Hamidiye (Edirne) | 39. Ortaklar |
| 20. Hamit (Kırşehir) | 40. Özbağ |

41.	Pamukkale	48.	Side (Antalya)
42.	Paşayığıt (Edirne)	49.	Tarsus
43.	Payallar (Antalya)	50.	Taurus, Sason Kanyonu (Göcekler)
44.	Pazar (Ankara)	51.	Ulaş (Sivas)
45.	Perge (Antalya)	52.	Umurlu (Aydın)
46.	Selçuk	53.	Yavca (Mersin)
47.	Serik (Antalya)		

Results

The author took part of a hoverfly collecting expedition in the Western Part of Turkey, approximately to Pamukkale region in Middle Turkey, between 05/01/1984 and 05/24/1984. The main purpose was to study of the syrphid fauna. The rest of the group collected other insects but also caught hoverflies as well. During 22 days spent in Turkey we covered exactly 4.000 km and visited 53 collecting sites in the area (Fig. 1). Despite the fine weather and lots of flowers, there was a small amount of hoverfly. Hoverfly fauna of Turkey is relatively well-researched due to mainly Süleyman Sarıbiyik's activities. The latest list of the fauna was published in 2011, containing 307 species from Turkey (SARIBIYIK 2011). During the field work, 56 genera with 157 species were found, 24 proved to be new to the fauna of Turkey. These are marked with an asterisk in the faunistical list.

Abbreviations of the collectors' names:

IR István Rozner
DSZ Dezső Szalóki
ST Sándor Tóth

List of species and collecting data

A new fauna species marked with an asterisk (*)

**Anasimyia contracta* Claussen & Torp, 1980: Edirne: 01.V.1984., 1♂ 2♀, ST – Isabeyli, 04.V.1984., 1♂ 3♀, ST – Pazar (Ankara): 19.V.1984., 4♂ 3♀, ST.

**Anasimyia interpuncta* (Harris, 1776): Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂ 1♀, ST – Muratli (Tekirdag): 23.V.1984., 1♂ 2♀, ST.

**Anasimyia lineata* (Fabricius, 1787): Ankara: Cigir, 19.V.1984., 1♂ 1♀, ST – Muratli (Tekirdag): 23.V.1984., 1♂ 2♀, ST.

Anasimyia transfuga (Linnaeus, 1758): Aspendos (Antalya): 08.V.1984., 2♂ 3♀, ST – Boğazkale: 14.V.1984., 2♂ 2♀, ST – Güney (Antaya): 10.V.1984., 3♀, ST – Kirkpinar (Sakarya): 20.V.1984., 3♂ 2♀, ST – Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂ 3♀, ST – Pazar (Ankara): 19.V.1984., 2♂ 3♀, ST.

Baccha elongata (Fabricius, 1775): Isabeyli, 04.V.1984., 1♂, IR; 04.V.1984., 2♂, ST – Edirne: 01.V.1984., 1♂ 2♀, ST – Niğde, 16.V.1984., 2♂, ST.

**Brachyopa dorsata* Zetterstedt, 1837; Edirne: 01.V.1984., 1♂, ST.

Brachypalpoides lentus (Meigen, 1822): Bergama/Pergamon: 03.V.1984., 1♀, ST – Içel: Mts. Taurus, Ayaş, 12.V.1984., 2♂, ST.

Brachypalpus chrysites Egger, 1859: Edirne: 01.V.1984., 1♂ 1♀, ST – Yavca (Mersin): 13.V.1984., 1♀, ST.

**Callicera aenea* (Fabricius, 1781): Ephesos (Selçuk): 04.V.1984., 1♂ 2♀, ST – Kirkpinar (Sakarya): 20.V.1984., 1♂ 2♀, ST.

- Callicera aurata* (Rossi, 1790): Keskin (Ankara): 18.V.1984., 1♂, ST – Isabeyli, 04.V.1984., 1♂ 1♀, ST.
Callicera macquarti Rondani, 1944: Keskin (Ankara): 18.V.1984., 1♀, ST – Hamidiye (Edirne): 01.V.1984., 1♂, ST.
- Ceriana conopsoidea* (Linnaeus, 1758): Aspendos (Antalya): 08.V.1984., 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♂ 1♀, ST – Korykos: 12.V.1984., 1♂, ST.
- Ceriana vespiformis* (Latreille, 1804): Güney (Antaya): 10.V.1984., 1♂, ST – Hierapolis (Pamukkale): 05.V.1984., 1♀, ST – Niğde, 16.V.1984., 2♂, ST.
- Chalcosyrphus nemorum* (Fabricius, 1805): Aspendos (Antalya): 08.V.1984., 1♂ 3♀, ST – Gülşehir: 18.V.1984., 2♂, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 1♂ 2♀, ST – Muratlı (Tekirdag): 23.V.1984., 1♂ 2♀, ST.
- Chalcosyrphus piger* (Fabricius, 1794): Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 1♂, ST.
- Cheilosia aerea* Dufour, 1848: Antalya: 07.V.1984., 1♂, ST – Bergama/Pergamon: 03.V.1984., 2♂ 1♀, ST – Düzce: 20.V.1984., 1♂ 1♀, ST – Hamit (Kırşehir): 18.V.1984., 1♂, ST.
- **Cheilosia albipila* Meigen, 1838: Edirne: 01.V.1984., 2♂ 1♀, ST – Korykos: 12.V.1984., 1♂ 1♀, ST.
- Cheilosia albitarsis* (Meigen, 1822): Niğde, 16.V.1984., 1♂ 2♀, ST – Ortaklar, 04.V.1984., 1♂, ST – Side (Antalya): 09.V.1984., 2♂ 1♀, ST.
- **Cheilosia barbata* Loew, 1857: Namrun (Çamliyayla/Mersin): 15.V.1984., 7♂ 6♀, ST – Kırşehir: 18.V.1984., 3♂ 1♀, ST.
- Cheilosia canicularis* (Panzer, 1801): Hamit (Kırşehir): 18.V.1984., 1♂, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 2♂ 1♀, ST – Korykos: 12.V.1984., 1♂, ST.
- **Cheilosia chloris* (Meigen, 1822): Ankara: Cigir, 19.V.1984., 1♀, ST – Kizilot, 09.V.1984., 1♂ 1♀, ST.
- Cheilosia illustrata* (Harris, 1780): Niğde, 16.V.1984., 1♀, ST – Side (Antalya): 09.V.1984., 1♂, ST – Yavca (Mersin): 13.V.1984., 2♂ 2♀, ST.
- Cheilosia mutabilis* (Fallén, 1817): Ezine: 02.V.1984., 1♂ 1♀, ST – Kaymaklı: 16.V.1984., 11♂ 2♀, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 2♀, ST.
- Cheilosia nigripes* (Meigen, 1822): Ankara: Cigir, 19.V.1984., 1♂, ST – Kaymaklı: 16.V.1984., 1♂ 2♀, ST – Umurlu (Aydın): 04.V.1984., 1♂ 1♀, ST.
- **Cheilosia orthotricha* Vujić & Claussen, 1994: Ephesos (Selçuk): 04.V.1984., 2♂, ST – Mersin: 13.V.1984., 2♂ 1♀, ST.
- **Cheilosia praecox* (Zetterstedt, 1843): Namrun (Çamliyayla/Mersin): 15.V.1984., 3♂ 4♀, ST – Ezine: 02.V.1984., 2♂ 2♀, ST – Kaymaklı: 16.V.1984., 2♂ 1♀, ST.
- Cheilosia proxima* (Zetterstedt, 1843): Derinkuyu: 12.V.1984., 1♂, ST – Ortaklar, 04.V.1984., 3♂ 1♀, ST – Selçuk: 04.V.1984., 1♂ 3♀, ST.
- Cheilosia schnabli* (Becker, 1894): Aspendos (Antalya): 08.V.1984., 2♀, ST – Gülşehir: 18.V.1984., 2♂, ST – Kırşehir: 18.V.1984., 1♀, ST – Muratlı (Tekirdag): 23.V.1984., 2♀, ST.
- Cheilosia scutellata* (Fallén, 1817): Derinkuyu: 12.V.1984., 5♀, ST – Niğde, 16.V.1984., 2♂ 1♀, ST – Payallar (Antalya): 09.V.1984., 1♀, ST – Tarsus, 13.V.1984., 2♀, ST.
- Cheilosia soror* (Zetterstedt, 1843): Boğazkale: 14.V.1984., 2♀, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 2♀, ST – Kerimler (Mersin): 13.V.1984., 1♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂ 1♀, ST – Payallar (Antalya): 09.V.1984., 1♂, DSZ.
- Cheilosia variabilis* (Panzer, 1798): Ortaklar, 04.V.1984., 2♂ 3♀, ST. Payallar (Antalya): 09.V.1984., 1♂, ST – Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 2♂ 3♀, ST – Ulaş (Sivas): 14.V.1984., 3♂ 1♀, IR.
- Cheilosia vernalis* (Fallén, 1817): Edirne: 01.V.1984., 1♂, ST.
- Chrysogaster cimiteriorum* (Linnaeus, 1758): Ulaş (Sivas): 14.V.1984., 3♂ 1♀, ST.
- Chrysogaster solstitialis* (Fallén, 1817): Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂, ST.
- Chrysotoxum arcuatum* (Linnaeus, 1758): Edirne: 01.V.1984., 1♂ 2♀, ST – Göreme (Nevşehir): 17.V.1984., 2♂ 3♀, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 2♂ 2♀, ST – Kaymaklı: 16.V.1984., 1♂ 1♀, ST.
- Chrysotoxum bicinctum* (Linnaeus, 1758): Ankara: Cigir, 19.V.1984., 1♀, ST.
- Chrysotoxum cautum* (Harris, 1776): Edirne: 01.V.1984., 1♂ 2♀, ST – Efas, 04.V.1984., 1♂ 1♀, ST – Güney (Antaya): 10.V.1984., 1♂, ST – Muratlı (Tekirdag): 23.V.1984., 2♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂, DSZ – Pergamon: 03.V.1984., 1♂ 1♀, ST – Umurlu (Aydın): 04.V.1984., 1♂, ST.

Chrysotoxum intermedium Meigen, 1822: Edirne: 01.V.1984., 1♂ 1♀, ST – Kaymakli: 16.V.1984., 1♂, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂ 4♀, ST – Paşayığıt (Edirne): 01.V.1984., 17♂ 8♀, ST – Perge (Antalya): 08.V.1984., 1♀, ST.

Chrysotoxum octomaculatum Curtis, 1837: Derinkuyu: 12.V.1984., 1♂, ST – Payallar (Antalya): 09.V.1984., 1♀, ST.

Chrysotoxum parmense Rondani, 1845: Boğazkale: 14.V.1984., 1♂, ST – Göreme: 10.VI.1977., 1♀, PA – Tarsus, 13.V.1984., 1♂, ST.

Chrysotoxum vernale Loew, 1841: Edirne: 01.V.1984., 3♂ 2♀, ST – Ezine: 02.V.1984., 2♂, ST – Özbağ: 18.V.1984., 1♂ 3♀, ST – Paşayığıt (Edirne): 01.V.1984., 1♂ 2♀, ST.

**Chrysotoxum verralli* Collin, 1940: Efas, 04.V.1984., 1♂, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 2♂ 1♀, ST.

Dasyrphus albostrigatus (Fallén, 1817): Ezine: 02.V.1984., 1♂ 1♀, ST – Hamidiye (Edirne): 01.V.1984., 2♀, ST – Umurlu (Aydın): 04.V.1984., 1♂, ST.

Dasyrphus pinastri (De Geer, 1776): Derinkuyu: 12.V.1984., 1♂ 2♀, ST – Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 2♂ 1♀, ST.

**Dasyrphus venustus* (Meigen, 1822): Ankara: Cigir, 19.V.1984., 1♂, ST – Edirne: 01.V.1984., 2♀, ST.

Epistrophe eligans (Harris, 1780): Antalya: 07.V.1984., 1♂, ST – Aspendos (Antalya): 08.V.1984., 8♂ 2♀, ST – Düzce: 20.V.1984., 1♂ 1♀, ST – Ezine: 02.V.1984., 1♂ 1♀, IR – Hamit (Kırşehir): 18.V.1984., 1♀, ST – Kırşehir: 18.V.1984., 2♂ 1♀, ST – Kizilot, 09.V.1984., 1♂, ST – Niğde, 16.V.1984., 2♀, ST.

Episyrphus balteatus (De Geer, 1776): Aladağ (Mersin): 13.V.1984., 7♂ 12♀, ST – Antalya: 07.V.1984., 1♀, IR; 07.V.1984., 1♂ 1♀, ST – Aspendos (Antalya): 08.V.1984., 7♂ 3♀, ST – Bergama/Pergamon: 03.V.1984., 3♂ 1♀, ST – Ezine: 02.V.1984., 1♂ 6♀, ST – Gazipaşa: 10.V.1984., 5♂ 4♀, ST – Hamidiye (Edirne): 01.V.1984., 1♂ 4♀, ST – İstanbul, 21.V.1984., 1♂ 4♀, ST – Kerimler (Mersin): 13.V.1984., 1♂ 7♀, ST – Mersin: 13.V.1984., 7♂ 11♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 17♂ 8♀, ST – Narlikuyu: 12.V.1984., 1♂ 5♀, ST – Niğde, 16.V.1984., 1♂ 12♀, ST – Pamukkale: 05.V.1984., 2♂ 1♀, DSZ; 05.V.1984., 1♂ 1♀, ST – Pergamon: 03.V.1984., 2♀, ST – Perge (Antalya): 08.V.1984., 4♂ 9♀, ST – Selçuk: 04.V.1984., 3♂ 8♀, ST – Serik (Antalya): 08.V.1984., 1♂ 3♀, ST – Ulaş (Sivas): 14.V.1984., 1♂, ST.

Eristalinus aeneus (Scopoli, 1763): Edirne: 01.V.1984., 1♀, ST – Efas, 04.V.1984., 1♂ 1♀, ST – Keskin (Ankara): 18.V.1984., 3♂ 1♀, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 42♀, ST – Pamukkale: 05.V.1984., 2♂ 3♀, ST – Paşayığıt (Edirne): 01.V.1984., 1♂ 2♀, ST – Ortaklar, 04.V.1984., 1♀, ST – Selçuk: 04.V.1984., 1♂ 4♀, ST.

Eristalinus sepulchralis (Linnaeus, 1758): Edirne: 01.V.1984., 2♂ 2♀, IR – Gülşehir: 18.V.1984., 1♀, ST – Güney (Antaya): 10.V.1984., 1♂ 3♀, ST – Hierapolis (Pamukkale): 05.V.1984., 1♂ 1♀, ST – Honaz: 06.V.1984., 1♂ 3♀, ST – İstanbul, 21.V.1984., 1♀, ST – Pazar (Ankara): 19.V.1984., 1♂ 3♀, ST – Side (Antalya): 09.V.1984., 1♂ 5♀, ST.

Eristalis arbustorum (Linnaeus, 1758): Aladağ (Mersin): 13.V.1984., 2♂, ST – Düzce: 20.V.1984., 5♂ 4♀, ST – Edirne: 01.V.1984., 2♂ 2♀, ST – Hamidiye (Edirne): 01.V.1984., 3♂ 2♀, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 2♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 3♂ 4♀, ST – Niğde, 16.V.1984., 1♂ 4♀, ST – Pamukkale: 05.V.1984., 2♂, ST – Paşayığıt (Edirne): 01.V.1984., 1♂ 2♀, ST – Pergamon: 03.V.1984., 1♂ 3♀, ST – Perge (Antalya): 08.V.1984., 1♂, DSZ; 08.V.1984., 1♂ 1♀, ST – Serik (Antalya): 08.V.1984., 1♂, ST – Side (Antalya): 09.V.1984., 3♂ 2♀, ST – Ulaş (Sivas): 14.V.1984., 1♂ 5♀, ST.

Eristalis interrupta (Poda, 1761): Düzce: 20.V.1984., 1♂ 3♀, ST – Honaz: 06.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 1♀, ST – Lake Kocagoz, Ephesos, (İzmir): 04.V.1984., 1♂ 3♀, ST.

Eristalis jugorum Egger, 1858: Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 1♂ 1♀, ST – Yavca (Mersin): 13.V.1984., 2♂ 3♀, ST.

Eristalis pertinax (Scopoli, 1763): Ulaş (Sivas): 14.V.1984., 1♂ 2♀, ST – Derinkuyu: 12.V.1984., 2♀, ST – Side (Antalya): 09.V.1984., 1♂, ST.

Eristalis similis Fallén, 1817: Ezine: 02.V.1984., 3♂ 2♀, ST – Gülşehir: 18.V.1984., 2♂ 1♀, ST – Kaymakli: 16.V.1984., 1♂ 2♀, ST – Pergamon: 03.V.1984., 1♂, ST.

Eristalis rupium (Fabricius, 1805): Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 2♂, ST – Yavca (Mersin): 13.V.1984., 1♂, ST.

Eristalis tenax (Linnaeus, 1758): Aladağ (Mersin): 13.V.1984., 2♂ 4♀, ST – Aspendos (Antalya): 08.V.1984., 2♂ 3♀, ST – Çardak: 06.V.1984., 3♂ 1♀, ST – Düzce: 20.V.1984., 6♂ 4♀, ST – Edirne: 01.V.1984., 1♂, IR; 01.V.1984., 2♂, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – Gazipaşa: 10.V.1984., 1♂ 3♀, ST – Hamidiye (Edirne): 01.V.1984., 1♂ 2♀, ST – İstanbul, 21.V.1984., 1♂, ST – Mersin: 13.V.1984., 2♂ 5♀, ST – Namrun (Çamlıyayla/Mersin): 15.V.1984., 3♂ 4♀, DSZ; 15.V.1984., 3♂ 4♀, ST – Narlikuyu: 12.V.1984., 1♀, ST – Pamukkale: 05.V.1984., 4♂ 1♀, ST – Pergamon: 03.V.1984., 1♂ 5♀, ST – Perge (Antalya): 08.V.1984., 1♂ 3♀, ST – Selçuk: 04.V.1984., 4♂ 2♀, ST – Tarsus, 13.V.1984., 2♂ 4♀, ST – Ulaş (Sivas): 14.V.1984., 1♂ 2♀, ST – Umurlu (Aydın): 04.V.1984., 2♂ 3♀, ST.

Eristalinus taeniops (Wiedemann, 1918): Bergama/Pergamon: 03.V.1984., 1♂ 3♀, ST – Boğazkale: 14.V.1984., 1♂, ST – Çardak (Denizli): 06.V.1984., 5♂ 1♀, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 2♂ 2♀, ST – Namrun (Çamlıyayla/Mersin): 15.V.1984., 1♂ 1♀, ST.

Eumerus pusillus Loew, 1848: Bergama/Pergamon: 03.V.1984., 1♂, ST – Kırşehir: 18.V.1984., 2♂, ST.

Eumerus strigatus (Fallén, 1817): Muratlı (Tekirdağ): 23.V.1984., 2♂, ST – Pergamon: 03.V.1984., 1♂ 2♀, ST – Niğde, 16.V.1984., 1♂, ST.

Eumerus tricolor (Fabricius, 1798): Göreme (Nevşehir): 17.V.1984., 2♂ 1♀, ST – Içel: Mts. Taurus, Ayaş, 12.V.1984., 2♀, ST.

Eupeodes corollae (Fabricius, 1794): Aladağ (Mersin): 13.V.1984., 3♂ 2♀, ST – Anamur: 11.V.1984., 1♂ 1♀, ST – Aspendos (Antalya): 08.V.1984., 8♂ 3♀, ST – Çardak (Denizli): 06.V.1984., 4♂ 1♀, ST – Edirne: 01.V.1984., 1♂ 7♀, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – Göreme (Nevşehir): 17.V.1984., 2♂ 1♀, ST – Kaymaklı: 16.V.1984., 3♂ 2♀, ST – Keskin (Ankara): 18.V.1984., 1♀, ST – Mersin: 13.V.1984., 1♂ 2♀, IR; 13.V.1984., 7♂ 11♀, ST – Namrun (Çamlıyayla/Mersin): 15.V.1984., 5♂ 6♀, ST – Narlikuyu: 12.V.1984., 1♂ 3♀, ST – Niğde, 16.V.1984., 2♂ 6♀, ST – Pamukkale: 05.V.1984., 34♂ 3♀, ST – Paşayığıt (Edirne): 01.V.1984., 1♂ 2♀, ST – Perge (Antalya): 08.V.1984., 1♀, ST – Selçuk: 04.V.1984., 1♂ 6♀, ST – Ulaş (Sivas): 14.V.1984., 1♂ 2♀, ST.

Eupeodes flaviceps (Rondani, 1857): Bergama/Pergamon: 03.V.1984., 1♂, ST – Güney (Antaya): 10.V.1984., 1♂, ST.

Eupeodes lapponicus (Zetterstedt, 1838): Derinkuyu: 12.V.1984., 1♂ 2♀, ST – Yavca (Mersin): 13.V.1984., 1♂, ST.

Eupeodes latifasciatus (Macquart, 1829): Düzce: 20.V.1984., 1♂, ST – Efas, 04.V.1984., 1♀, ST – Namrun (Çamlıyayla/Mersin): 15.V.1984., 1♂, ST – Isabeyli, 04.V.1984., 1♂ 3♀, ST.

Eupeodes luniger (Meigen, 1822): Çardak (Denizli): 06.V.1984., 2♂, ST – Edirne: 01.V.1984., 2♀, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – Gazipaşa: 10.V.1984., 5♂ 4♀, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 2♂ 1♀, ST – Keskin (Ankara): 18.V.1984., 3♂, ST – Selçuk: 04.V.1984., 1♂ 2♀, IR.

Ferdinandea cuprea (Scopoli, 1763): Edirne: 01.V.1984., 1♀, ST – Selçuk: 04.V.1984., 1♂ 2♀, ST.

Helophilus hybridus Loew, 1846: Kirkpınar (Sakarya): 20.V.1984., 1♂, ST – Lake Kocagoz, Ephesos, (İzmir): 04.V.1984., 2♂ 1♀, ST – Pazar (Ankara): 19.V.1984., 4♂, ST.

**Helophilus pendulus* (Linnaeus, 1758): Ankara: Cigir, 19.V.1984., 1♂ 3♀, ST – Gülşehir: 18.V.1984., 1♂ 1♀, ST – Güney (Antaya): 10.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 2♀, ST – Pazar (Ankara): 19.V.1984., 1♂ 1♀, ST.

Helophilus trivittatus (Fabricius, 1805): Anamur: 11.V.1984., 1♂, ST – Çardak (Denizli): 06.V.1984., 1♀, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 1♀, ST – Kirkpınar (Sakarya): 20.V.1984., 2♀, ST – Serik (Antalya): 08.V.1984., 1♂, ST – Ulaş (Sivas): 14.V.1984., 3♂ 1♀, ST.

Heringia heringi (Zetterstedt, 1843): Ezine: 02.V.1984., 1♂, ST – Özbâğ: 18.V.1984., 1♂ 3♀, ST – Pergamon: 03.V.1984., 5♂ 2♀, ST – Perge (Antalya): 08.V.1984., 1♂ 2♀, ST.

Lejogaster metallina (Fabricius, 1781): Kirkpınar (Sakarya): 20.V.1984., 1♂, ST – Lake Kocagoz, Ephesos, (İzmir): 04.V.1984., 1♂ 3♀, ST – Pazar (Ankara): 19.V.1984., 1♂ 2♀, ST.

Lejogaster tarsata (Meigen, 1822): Güney (Antaya): 10.V.1984., 1♂ 1♀, ST – Honaz: 06.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 2♀, ST – Ulaş (Sivas): 14.V.1984., 1♂, ST.



Fig. 2: *Helophilus pendulus* (Linnaeus, 1758) (male)
A new species of hoverfly fauna of Turkey



Fig. 3: *Chrysotoxum verralli* Collin, 1940 (female)
A new species of hoverfly fauna of Turkey

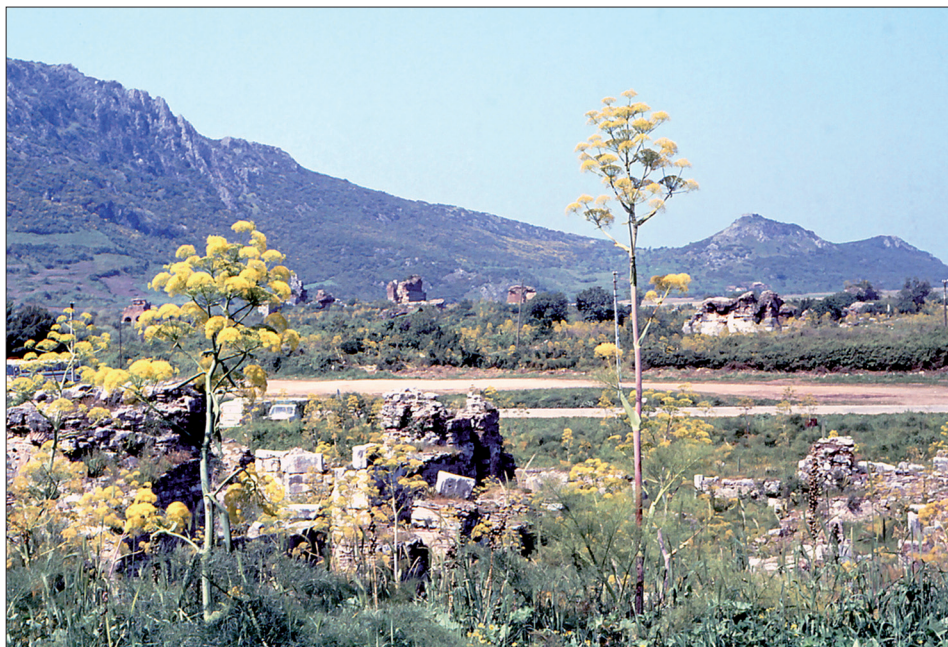


Fig. 4: Collection proved to be good place Selçuk area



Fig. 5: The Hungarian collectors of Roman ruins are looking for bugs

Melangyna umbellatarum (Fabricius, 1794): Side (Antalya): 09.V.1984., 3♂ 1♀, ST – Umurlu (Aydin): 04.V.1984., 1♂, ST.

Melanogaster hirtella (Loew, 1843): Ulaş (Sivas): 14.V.1984., 2♂ 1♀, ST.

Melanogaster nuda (Macquart, 1829): Derinkuyu: 12.V.1984., 1♂, ST – Ezine: 02.V.1984., 2♂ 1♀, ST – Gülşehir: 18.V.1984., 4♂ 1♀, ST – Honaz: 06.V.1984., 6♂ 1♀, ST – Kaymaklı: 16.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 3♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 8♂ 15♀, ST – Pazar (Ankara): 19.V.1984., 4♂ 3♀, ST.

Melanostoma mellinum (Linnaeus, 1758): Edirne: 01.V.1984., 2♂ 1♀, ST – Gazipaşa: 10.V.1984., 2♂ 3♀, ST – Hierapolis (Pamukkale): 05.V.1984., 1♂ 5♀, ST – Izmir: Bergama, Asklepiyon, 03.V.1984., 2♂ 6♀, ST – Kizilot, 09.V.1984., 1♂ 4♀, ST – Mersin: 13.V.1984., 1♂ 10♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 3♂ 7♀, ST – Niğde, 16.V.1984., 2♂ 7♀, ST – Pergamon: 03.V.1984., 5♂ 2♀, ST – Perge (Antalya): 08.V.1984., 1♂ 2♀, ST – Selçuk: 04.V.1984., 1♂ 3♀, ST – Ulaş (Sivas): 14.V.1984., 3♂ 4♀, ST.

Melanostoma scalare (Fabricius, 1794): Aladağ (Mersin): 13.V.1984., 2♂ 1♀, ST – Anamur: 11.V.1984., 2♂ 1♀, ST – Edirne: 01.V.1984., 2♀, ST – Göreme (Nevşehir): 17.V.1984., 3♂ 1♀, ST – Muratlı (Tekirdağ): 23.V.1984., 2♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂ 1♀, ST – Narlıkuyu: 12.V.1984., 1♂ 4♀, ST – Pamukkale: 05.V.1984., 1♂ 3♀, ST – Ulaş (Sivas): 14.V.1984., 1♂ 3♀, ST.

Meligramma cincta (Fallén, 1817): Ankara: Cigir, 19.V.1984., 1♂ 1♀, ST.

Meliscaeva auricollis (Meigen, 1822): Ezine: 02.V.1984., 2♂ 1♀, ST – Kaymaklı: 16.V.1984., 1♂ 2♀, ST – Payallar (Antalya): 09.V.1984., 1♀, ST.

Meliscaeva cinctella (Zetterstedt, 1843): Göreme (Nevşehir): 17.V.1984., 2♂ 1♀, ST – Çardak (Denizli): 06.V.1984., 2♂ 1♀, ST – Kaymaklı: 16.V.1984., 1♀, ST – Niğde, 16.V.1984., 2♂ 3♀, ST.

Merodon aberrans Egger, 1860: Derinkuyu: 12.V.1984., 1♂, ST – Ortaklar: 04.V.1984., 3♂, ST.

Merodon aeneus Meigen, 1822: Çardak (Denizli): 06.V.1984., 1♂, ST – Hierapolis (Pamukkale): 05.V.1984., 2♂ 1♀, ST – Izmir: Bergama, Asklepiyon, 03.V.1984., 1♂, ST – Mersin: 13.V.1984., 3♂ 1♀, ST.

Merodon albifrons Meigen, 1822: Düzcce: 20.V.1984., 1♂, ST – Kerimler (Mersin): 13.V.1984., 1♂, ST – Korykos: 12.V.1984., 1♂, ST – Pamukkale: 05.V.1984., 1♂ 2♀, ST.

Merodon avidus (Rossi, 1790): Düzcce: 20.V.1984., 3♂ 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♂ 1♀, ST – Hierapolis (Pamukkale): 05.V.1984., 1♂ 3♀, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 2♂, ST.

Merodon eques Fabricius, 1805: Anamur: 11.V.1984., 1♂, ST – Tarsus, 13.V.1984., 2♂ 1♀, ST.

Merodon loewi van der Goot, 1964: Izmir: Bergama, Asklepiyon, 03.V.1984., 1♂, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂, ST.

**Merodon natans* (Fabricius, 1794): Perge (Antalya): 08.V.1984., 2♂, ST – Aladağ (Mersin): 13.V.1984., 2♂ 1♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂, ST.

Merodon nigratarsis Rondani, 1845: Aladağ (Mersin): 13.V.1984., 1♂, ST – Keskin (Ankara): 18.V.1984., 4♂ 1♀, ST – Kırşehir: 18.V.1984., 1♀, ST – Özbağ: 18.V.1984., 1♂ 2♀, ST.

Merodon ruficornis Meigen, 1822: Namrun (Çamliyayla/Mersin): 15.V.1984., 2♂, ST – Edirne: 01.V.1984., 1♀, ST.

Merodon spinatarsis Paramonov 1929: Aspendos (Antalya): 08.V.1984., 1♂ 2♀, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – Gazipaşa: 10.V.1984., 6♂ 3♀, ST – Pamukkale: 05.V.1984., 1♂ 2♀, ST – Pergamon: 03.V.1984., 5♂ 2♀, ST.

Merodon tricinctus Sack, 1913: Kerimler (Mersin): 13.V.1984., 1♂ 1♀, ST.

Merodon velox Loew, 1869: Hierapolis (Pamukkale): 05.V.1984., 2♂ 1♀, ST – Pergamon: 03.V.1984., 7♂ 2♀, ST.

Mesembrius peregrinus (Loew, 1846): Güney (Antaya): 10.V.1984., 2♀, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 2♀, ST – Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 1♀, ST – Ulaş (Sivas): 14.V.1984., 1♂ 1♀, ST.

Microdon devius (Linnaeus, 1761): Düzcce: 20.V.1984., 1♂ 2♀, ST – Izmir: Bergama, Asklepiyon, 03.V.1984., 2♂, ST – Derinkuyu: 12.V.1984., 3♂ 1♀, ST.

Milesia crabroniformis (Fabricius, 1775): Izmir: Bergama, Asklepiyon, 03.V.1984., 1♀, ST – Mersin: 13.V.1984., 1♂, ST.

Milesia semiluctifera (Villers, 1789): İçel: Mts. Taurus, Ayaş, 12.V.1984., 1♀, ST – Kirşehir: 18.V.1984., 2♂, ST.

Myathropa florea (Linnaeus, 1758): Çardak (Denizli): 06.V.1984., 2♂ 1♀, ST – Derinkuyu: 12.V.1984., 1♀, ST – Düzce: 20.V.1984., 2♀, ST – Ephesos (Selçuk): 04.V.1984., 1♂, IR; 04.V.1984., 1♀, ST – Ezine: 02.V.1984., 3♂ 1♀, ST – İstanbul, 21.V.1984., 1♂ 1♀, ST – Pergamon: 03.V.1984., 1♂, ST – Selçuk: 04.V.1984., 1♂, ST.

**Neoascia geniculata* (Meigen, 1822): Namrun (Çamliayla/Mersin): 15.V.1984., 3♂ 1♀, ST.

Neoascia interrupta (Meigen, 1822): Gülşehir: 18.V.1984., 3♂ 1♀, ST – Honaz: 06.V.1984., 1♂ 3♀, ST – Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂ 3♀, ST – Ulaş (Sivas): 14.V.1984., 3♂ 2♀, ST.

**Neoascia meticulosa* (Scopoli, 1763): Pazar (Ankara): 19.V.1984., 1♂ 3♀, ST.

Neoascia podagrica (Fabricius, 1775): Honaz: 06.V.1984., 2♂ 1♀, ST – Kirkpınar (Sakarya): 20.V.1984., 2♂ 2♀, ST – Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 3♂ 3♀, ST.

Neoascia tenur (Harris, 1780): Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂ 4♀, ST – Pazar (Ankara): 19.V.1984., 3♂, ST.

**Orthonevra brevicornis* (Loew, 1843): Namrun (Çamliayla/Mersin): 15.V.1984., 1♂ 2♀, ST.

Orthonevra frontalis (Loew, 1843): Güney (Antaya): 10.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 1♀, ST.

**Orthonevra incisa* (Loew, 1843): Namrun (Çamliayla/Mersin): 15.V.1984., 2♂ 1♀, ST.

Orthonevra nobilis (Fallén, 1817): Gülşehir: 18.V.1984., 2♂, ST – Honaz: 06.V.1984., 1♂, ST – Kirkpınar (Sakarya): 20.V.1984., 1♂ 2♀, ST – Lake Kocagoz, Ephesos, (Izmir): 04.V.1984., 2♂, ST – Ulaş (Sivas): 14.V.1984., 1♂, ST.

**Orthonevra splendens* (Meigen, 1822): Ezine: 02.V.1984., 1♂, ST – Pazar (Ankara): 19.V.1984., 1♀, ST.

Paragus bicolor (Fabricius, 1794): Aladağ (Mersin): 13.V.1984., 3♂ 1♀, ST – Anamur: 11.V.1984., 10♂ 1♀, ST – Edirne: 01.V.1984., 4♂, ST – Ezine: 02.V.1984., 1♀, IR; 02.V.1984., 2♂ 1♀, ST – Göreme (Nevşehir): 17.V.1984., 2♂ 1♀, ST – Kaymakli: 16.V.1984., 1♂ 2♀, ST – Keskin (Ankara): 18.V.1984., 3♂ 1♀, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 3♂ 1♀, ST – Pamukkale: 05.V.1984., 32♂ 3♀, ST – Paşayığıt (Edirne): 01.V.1984., 3♂, ST – Pazar (Ankara): 19.V.1984., 1♂, ST – Pergamon: 03.V.1984., 1♂, ST – Perge (Antalya): 08.V.1984., 6♂ 1♀, ST.

**Paragus cinctus* Schiner & Egger, 1853: Keskin (Ankara): 18.V.1984., 1♂ 1♀, ST.

Paragus haemorrhous Meigen, 1822: Antalya 07.V.1984., 1♂ 1♀, ST – Edirne: 01.V.1984., 2♂, ST – Göreme (Nevşehir): 17.V.1984., 2♂ 1♀, ST – Hamidiye (Edirne): 01.V.1984., 3♂, ST – Izmir: Bergama, Asklepiyon, 03.V.1984., 2♂, ST – Kaymakli: 16.V.1984., 1♂, ST.

Paragus majoranae Rondani, 1857: Ezine: 02.V.1984., 2♂ 1♀, ST – Kaymakli: 16.V.1984., 1♂ 2♀, ST – Pazar (Ankara): 19.V.1984., 4♂, ST – Pergamon: 03.V.1984., 1♂ 1♀, ST.

Paragus quadrifasciatus Meigen, 1822: Hamit (Kirşehir): 18.V.1984., 1♂, ST – Kerimler (Mersin): 13.V.1984., 1♂, ST – Keskin (Ankara): 18.V.1984., 1♂ 1♀, ST.

Paragus tibialis (Fallén, 1817): Düzce: 20.V.1984., 2♂ 1♀, ST – Efas, 04.V.1984., 1♂ 1♀, ST – İçel: Mts. Taurus, Ayaş, 12.V.1984., 1♂, ST – Kirşehir: 18.V.1984., 3♂ 1♀, ST – Korykos: 12.V.1984., 2♂, ST – Narlikuyu: 12.V.1984., 1♂, ST – Selçuk: 04.V.1984., 1♂, ST.

Parasyrphus punctulatus (Verrall, 1873): Payallar (Antalya): 09.V.1984., 1♂, ST – Selçuk: 04.V.1984., 1♂ 1♀, ST.

**Parhelophilus frutetorum* (Fabricius, 1775): Gülşehir: 18.V.1984., 1♂, ST.

Parhelophilus versicolor (Fabricius, 1794): Anamur: 11.V.1984., 1♂, ST – Güney (Antaya): 10.V.1984., 2♂ 1♀, ST.

Pelecocera tricineta Meigen, 1822: Side (Antalya): 09.V.1984., 1♂ 2♀, ST.

Pipiza festiva Meigen, 1822: Boğazkale: 14.V.1984., 1♂, ST – Düzce: 20.V.1984., 1♀, ST – Hamit (Kirşehir): 18.V.1984., 1♂, ST – Isabeyli, 04.V.1984., 1♂ 1♀, ST – Ortaklar, 04.V.1984., 1♂, ST.

Pipiza noctiluca (Linnaeus, 1758): Ankara: Cigir, 19.V.1984., 1♂ 1♀, ST – Side (Antalya): 09.V.1984., 1♂, ST – Umurlu (Aydın): 04.V.1984., 1♂ 1♀, ST.



Fig. 6: Barren landscape along Niğde



Fig. 7: Seaboard landscape near Anamur

- **Pipizella viduata* (Linnaeus, 1758): Edirne: 01.V.1984., 1♂, ST – Kırşehir: 18.V.1984., 3♂, ST.
Pipizella virens (Fabricius, 1805): İstanbul, 21.V.1984., 1♂, ST – Kerimler (Mersin): 13.V.1984., 2♂, ST – Kizilot, 09.V.1984., 1♂, ST.
Platycheirus albimanus (Fabricius, 1781): Yavca (Mersin): 13.V.1984., 2♂ 4♀, ST.
Platycheirus fulviventris (Macquart, 1829): Antalya: 07.V.1984., 3♂ 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♂ 1♀, ST.
Platycheirus nielsenii Vockeroth, 1990: Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 1♂, ST – Yavca (Mersin): 13.V.1984., 2♂, ST.
Platycheirus scutatus (Meigen, 1822): Düzce: 20.V.1984., 1♂ 1♀, ST – Hamit (Kırşehir): 18.V.1984., 1♂, ST.
Platycheirus tarsalis (Schummel, 1836): Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 2♂, ST – Yavca (Mersin): 13.V.1984., 1♂ 2♀, ST.
**Psilota innupta* Rondani, 1857: Ezine: 02.V.1984., 1♂ 3♀, ST.
Rhingia campestris Meigen, 1822: Niğde, 16.V.1984., 2♂ 1♀, ST – Payallar (Antalya): 09.V.1984., 1♀, ST.
Scaeva albomaculata (Macquart, 1842): Bergama/Pergamon: 03.V.1984., 1♂ 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♀, ST – Kerimler (Mersin): 13.V.1984., 7♂ 2♀, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 3♂ 6♀, ST.
Scaeva dignota (Rondani, 1857): Hierapolis (Pamukkale): 05.V.1984., 1♂, ST – Ortaklar: 04.V.1984., 2♂ 1♀, ST – Tarsus, 13.V.1984., 1♂, ST.
Scaeva pyrastris (Linnaeus, 1758): Aladağ (Mersin): 13.V.1984., 2♂ 1♀, ST – Çardak (Denizli): 06.V.1984., 3♂ 1♀, ST – Göreme (Nevşehir): 17.V.1984., 1♀, ST – İzmir: Bergama, Asklepiyon, 03.V.1984., 3♂ 2♀, ST – Kerimler (Mersin): 13.V.1984., 1♂ 2♀, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 34♂ 42♀, ST – Pergamon: 03.V.1984., 1♂ 4♀, IR; 03.V.1984., 1♂ 4♀, ST.
Scaeva selenitica (Meigen, 1822): Çardak (Denizli): 06.V.1984., 1♂ 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♂ 3♀, ST – Hierapolis (Pamukkale): 05.V.1984., 1♂, ST.
Sericomyia silentis (Harris, 1776): Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 1♀, ST – Yavca (Mersin): 13.V.1984., 1♂ 2♀, ST.
Spazigaster ambulans (Fabricius, 1798): Ortaklar, 04.V.1984., 1♀, ST.
**Sphaerophoria interrupta* (Fabricius, 1805): Ulaş (Sivas): 14.V.1984., 1♂, ST.
Sphaerophoria rueppelli (Wiedemann, 1830): Düzce: 20.V.1984., 1♂ 1♀, ST – Ephesos (Selçuk): 04.V.1984., 2♂, ST – Ortaklar, 04.V.1984., 3♂ 1♀, ST – Özbağ: 18.V.1984., 1♀, ST.
Sphaerophoria scripta (Linnaeus, 1758): Aladağ (Mersin): 13.V.1984., 5♂ 1♀, ST – Anamur: 11.V.1984., 10♂ 1♀, ST – Aspendos (Antalya): 08.V.1984., 8♂ 3♀, ST – Çardak (Denizli): 06.V.1984., 5♂ 1♀, ST – Düzce: 20.V.1984., 3♂ 5♀, ST – Edirne: 01.V.1984., 5♂ 1♀, IR; 01.V.1984., 5♂ 1♀, ST – Gazipaşa: 10.V.1984., 5♂ 4♀, ST – Göreme (Nevşehir): 17.V.1984., 3♂ 1♀, ST – Hierapolis (Pamukkale): 05.V.1984., 11♂ 1♀, ST – Isabeyli, 04.V.1984., 3♂ 1♀, ST – İstanbul, 21.V.1984., 2♂ 1♀, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 7♂ 4♀, ST – Narlikuyu: 12.V.1984., 4♂ 5♀, ST – Özbağ: 18.V.1984., 1♂, DSZ – Pamukkale: 05.V.1984., 32♂ 3♀, ST – Perge (Antalya): 08.V.1984., 6♂ 1♀, ST – Ulaş (Sivas): 14.V.1984., 6♂ 2♀, ST.
Sphaerophoria turkmenica Bankowska, 1964: Özbağ: 18.V.1984., 1♂, ST.
Sphegina clavata (Scopoli, 1763): Honaz: 06.V.1984., 4♂ 1♀, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 1♂ 1♀, ST – Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 1♂, ST.
Sphegina clunipes (Fallén, 1816): Namrun (Çamliayla/Mersin): 15.V.1984., 1♂, ST – Yavca (Mersin): 13.V.1984., 2♂ 1♀, ST.
Sphegina elegans Schummel, 1843: Honaz: 06.V.1984., 1♂ 1♀, ST – Taurus, Sason Kanyonu (Göcekler): 12.V.1984., 2♂, ST.
Sphegina sibirica Stackelberg, 1953: Gülşehir: 18.V.1984., 3♂ 1♀, ST – Honaz: 06.V.1984., 1♂, ST – Namrun (Çamliayla/Mersin): 15.V.1984., 3♂, ST – Yavca (Mersin): 13.V.1984., 2♂, ST.

- Sphiximorpha subsestilis* (Illiger in Rossi, 1807): Hamidiye (Edirne): 01.V.1984., 1♀, ST.
- Spilomyia saltuum* (Fabricius, 1794): Izmir: Bergama, Asklepiyon, 03.V.1984., 1♀, ST – Payallar (Antalya): 09.V.1984., 1♂, ST.
- Syrtrita pipiens* (Linnaeus, 1758): Aspendos (Antalya): 08.V.1984., 1♂ 3♀, ST – Düzce: 20.V.1984., 3♂ 1♀, ST – Ezine: 02.V.1984., 1♂ 1♀, ST – Gazipaşa: 10.V.1984., 6♂ 4♀, ST – Hierapolis (Pamukkale): 05.V.1984., 4♂ 4♀, ST – Isabeyli, 04.V.1984., 1♂, IR – İstanbul, 21.V.1984., 1♂ 3♀, ST – Korykos: 12.V.1984., 1♂ 2♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 1♂ 4♀, ST – Niğde, 16.V.1984., 3♂ 2♀, ST – Perge (Antalya): 08.V.1984., 1♂ 2♀, ST – Selçuk: 04.V.1984., 1♂ 5♀, ST.
- Syrphus ribesii* (Linnaeus, 1758): Hamidiye (Edirne): 01.V.1984., 3♂ 1♀, ST – Isabeyli, 04.V.1984., 1♂ 3♀, ST – Kerimler (Mersin): 13.V.1984., 1♂ 4♀, ST – Özbağ: 18.V.1984., 1♂ 2♀, ST – Side (Antalya): 09.V.1984., 2♂ 5♀, ST.
- Syrphus torvus* Osten-Sacken, 1875: İstanbul, 21.V.1984., 1♂, ST – Kırşehir: 18.V.1984., 2♂ 1♀, ST – Özbağ: 18.V.1984., 1♀, IR – Selçuk: 04.V.1984., 1♂, ST.
- Syrphus vitripennis* Meigen, 1822: Ezine: 02.V.1984., 1♂ 3♀, ST – Çardak (Denizli): 06.V.1984., 3♀, ST – Niğde, 16.V.1984., 2♂ 2♀, ST – Payallar (Antalya): 09.V.1984., 3♂ 1♀, ST – Selçuk: 04.V.1984., 3♂ 2♀, ST.
- Trichopsomyia flavitarsis* (Meigen, 1822): Pergamon: 03.V.1984., 1♂, ST.
- Tropidia scita* (Harris, 1780): Hamidiye (Edirne): 01.V.1984., 1♂ 1♀, ST.
- Volucella bombylans* (Linnaeus, 1758): Ankara: Cigir, 19.V.1984., 1♂ 1♀, ST – Efas, 04.V.1984., 1♂ 3♀, ST – Payallar (Antalya): 09.V.1984., 1♀, ST – Side (Antalya): 09.V.1984., 1♂ 4♀, ST.
- Volucella pellucens* (Linnaeus, 1758): Bergama/Pergamon: 03.V.1984., 1♂ 2♀, ST – Içel: Mts. Taurus, Ayaş, 12.V.1984., 3♂ 2♀, ST – Kizilot, 09.V.1984., 1♂ 1♀, ST.
- Volucella zonaria* (Poda, 1761): Muratlı (Tekirdag): 23.V.1984., 1♀, ST – Selçuk: 04.V.1984., 1♂ 1♀, ST.
- Xanthogramma pedissequum* (Harris, 1776): Anamur: 11.V.1984., 10♂ 1♀, ST – Göreme (Nevşehir): 17.V.1984., 2♂ 3♀, ST – Namrun (Çamliyayla/Mersin): 15.V.1984., 3♂, ST – Özbağ: 18.V.1984., 1♂, ST – Pamukkale: 05.V.1984., 32♂ 3♀, ST – Pergamon: 03.V.1984., 1♂ 1♀, ST.
- Xylota ignava* (Panzer, 1798): Bergama/Pergamon: 03.V.1984., 1♂ 1♀, ST – Muratlı (Tekirdag): 23.V.1984., 1♂, ST.
- Xylota segnis* (Linnaeus, 1758): Boğazkale: 14.V.1984., 1♂, ST – Selçuk: 04.V.1984., 1♂ 2♀, ST – Umurlu (Aydın): 04.V.1984., 1♀, ST.
- Xylota sylvarum* (Linnaeus, 1758): Hierapolis (Pamukkale): 05.V.1984., 1♀, ST – Side (Antalya): 09.V.1984., 1♂, ST.

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