

Contribution to the knowledge of the Syrphidae from Greece (Diptera: Syrphidae)

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Samenvatting. Bijdrage tot de kennis van de Syrphidae van Griekenland (Diptera: Syrphidae)

Een bijdrage wordt geleverd tot de kennis van de Griekse fauna. Van 1992 tot 1998 werden Syrphidae verzameld en de gegevens van deze reizen worden gebundeld in dit artikel. 144 soorten worden vermeld, waarvan 63 voor de eerste maal.

Résumé. Contribution à la connaissance des Syrphidae de la Grèce (Diptera: Syrphidae)

Une contribution est apportée à la connaissance de la faune grecque. Entre 1992 et 1998 de nombreuses Syrphidae ont été recoltées et les résultats de ces expéditions sont réunis dans l'article présent. 144 espèces sont mentionnées, dont 63 pour la première fois.

Key words: Diptera – Syrphidae – Greece – faunistics.

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Introduction

Within the Diptera, the Syrphidae are a large family with about 1600 species present in the Palaearctic region. To date, some 730 species have been mentioned in the entomological literature from the Mediterranean Basin. Some countries (Spain, Italy) are well explored, but others like Greece and Turkey (East Mediterranean) are but poorly known. Apart from some descriptions of new species (Leclercq 1958, Santas 1985, Hurkmans 1985, Claussen & Lucas 1988), and a monograph about *Merodon* species (Hurkmans 1993) no list is known (cf. Dirickx 1994). This last author mentions 98 species from Greece found in literature, although a total of 350 to 400 can be expected.

Nearly all the species mentioned in this paper have been collected by the second author and his wife Mrs. Jeanine Faes, during expeditions in August 1992, July–August 1993, July 1994, June 1995, May 1996, March and June 1997, and September 1998. Furthermore, specimens were collected with a malaise-trap placed in Konitsa, district Ioanina, from June 1995 to June 1997. The first author identified the material and all specimens are kept in his collection.

The systematics are according to Peck (1988), as is the nomenclature except for some recently established synonyms (Schmid 1995). The following information is given:

Ioanina : Konitsa, 500 m, 07-06-1995 (m), (Garvoet T. C.)

① ② ③ ④ ⑤ ⑥

① : Administrative district.

② : Locality: Names according to the Euro Atlas *Greece* (RV Reise und Verkehrsverlag GmbH, Germany)

③ : Altitude

④ : Date of capture: if captured with malaise-trap the date is in the middle of two dates of emptying.

⑤ : If not indicated: netted. When indicated (m): taken with malaise-trap

⑥ : Name of the collecting entomologist. If not mentioned: Leg. Dils J. & Faes J. (most of the species)

This list contains 144 species, of which 63 are not mentioned by Hurkmans (1993) and Dirickx (1994).

The species

1. Subfamily Syrphinae

- Dasysyrphus albostrigatus* (Fallen, 1817). **Ioanina**: Konitsa, 500 m, 15-04-1997 (m), 15-06-1997 (m).
- Didea fasciata* Macquart, 1834. **Arkadia**: Mt. Menalon, 1400 m, 17-07-1994; **Drama**: Sidironero, 400 m, 25-08-1992; **Florina**: Pissoderi, 1400 m, 24-07-1994.
- Epistrophe eligans* (Harris, [1780]). **Ioanina**: Konitsa, 500 m, 15-04-1997 (m), 15-06-1997 (m); **Kastoria**: Vogatsiko, 700 m, 08-05-1996.
- Epistrophe nitidicollis* (Meigen, 1822). **Ioanina**: Konitsa, 500 m, 18-05-1996 (m), 15-04-1997 (m).
- Epistrophe ochrostoma* (Zetterstedt, 1849). **Ioanina**: Konitsa, 500 m, 20-06-1995 (m), 15-06-1997 (m).
- Episyrphus balteatus* (De Geer, 1776). **Evros**: Lefkimi, 100 m, 06-06-1995, 08-09-1998; **Avas**, 50 m, 09-09-1998; **Ioanina**: Konitsa, 500 m, 15-08-1995 (m); **Kastoria**: Vogatsiko, 800 m, 13-09-1998; **Eptahori**, 1300 m, 23-07-1994; **Xanthi**: Krias, 0 m, 07-06-1995.
- Meligramma cincta* (Fallen, 1817). **Ioanina**: Asfaka, 500 m, 03-07-1991.
- Meliscaeva auricollis* (Meigen, 1822). **Florina**: Pissoderi, 1400 m, 24-07-1994; **Ioanina**: Mesovounion, 700 m, 22-06-1996; Konitsa, 500 m, 15-06-1997 (m).
- Lapposyrphus lapponicus* (Zetterstedt, 1838). **Ahaia**: Mt Chelmos, 1500 m, 16-07-1994; **Arkadia**: Hrissovitsi, 1100 m, 29-05-1995; **Ioanina**: Melissopetra, 600 m, 21-07-1994; Konitsa, 800 m, 22-06-1997.
- Metasyrphus corollae* (Fabricius, 1794). **Ahaia**: Kerpini, 600 m, 05-05-1996; Mt Chelmos, 1500 m, 18-07-1994; 1650 m, 12-06-1997; **Arkadia**: Levidi, 800 m, 30-05-1995; **Drama**: Sidironero, 700 m, 11-09-1998; **Pirgi**, 600 m, 11-09-1998; **Florina**: Vrondero, 1000 m, 24-07-1994; **Skopos**, 850 m, 26-07-1994; **Mt. Kajmakcalan**, 1800 m, 27-07-1994; **Lake Prespa**, 850 m, 23-07-1993; **Fokida**: Ag. Nicolaos, 0 m, 03-05-1996; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m), 30-04-1996 (m), 15-04-1997 (m), 15-06-1997 (m); **Melissopetra**, 400 m, 30-04-1996; **Kastoria**: Vogatsiko, 700 m, 08-05-1996; **Mt Epano Arena**, 1500 m, 29-07-1994; **Eptahori**, 1300 m, 23-07-1993; **Preveza**: Vrachos, 0 m, 02-05-1996; **Thesprotia**: Finiki, 250 m, 28-08-1998; **Zakinthos**: Zakinthos, 200 m, 28-05-1995.
- Metasyrphus flaviceps* (Rondani, 1857). **Ahaia**: Kerpini, 1000 m, 14-06-1995; **Arkadia**: Mt. Menalon, 1400 m, 17-07-1994; **Drama**: Mt. Falakro, 300 m, 09-06-1995; **Ioanina**: Konitsa, 500 m, 05-05-1995 (m), 02-07-1995 (m); **Dilofo**, 800 m, 11-06-1995; **Kastoria**: Vogatsiko, 800 m, 14-05-1996; **Piera**: Karia, 800 m, 10-06-1995; **Preveza**: Vrachos, 0 m, 24-05-1996.
- Metasyrphus luniger* (Meigen, 1822). **Ahaia**: Mt Chelmos, 1700 m, 12-06-1997; 1850 m, 17-06-1997; Zarouchla, 1050 m, 14-06-1997; 1250 m, 02-09-1998; **Ioanina**: Konitsa, 500 m, 16-06-1995 (m), 15-04-1997 (m), 24-06-1995; **Kastoria**: Vogatsiko, 400 m, 20-06-1995.
- Metasyrphus nitens* (Zetterstedt, 1843). **Kastoria**: Eptahori, 1300 m, 23-07-1994.
- Parasyrphus annulatus* (Zetterstedt, 1838). **Kastoria**: Pefkofito, 1000 m, 19-07-1993.
- Parasyrphus malinellus* (Collin, 1952). **Arkadia**: 12 Km W of Leonido, 350 m, 25-04-1996; **Ioanina**: Bourazani, 500 m, 30-04-1996.
- Scaeva albomaculata* (Macquart, 1842). **Zakinthos**: Zakinthos, 200m, 28-05-1995.
- Phegea* 27 (2) (1.VI.1999): 70

- Scaeva dignota* (Rondani, 1857). **Florina**: Mt. Kajmakcalan, 1800 m, 27-07-1994; **Ioanina**: Konitsa, 500 m, 15-06-1997 (m).
- Scaeva pyrastris* (Linnaeus, 1758). **Ahaia**: Mt Chelmos, 1750 m, 02-09-1998; Peristera, 1150 m, 02-09-1998; Zarouchla, 1250 m, 02-09-1998; **Drama**: Mt. Orvilos, 1250 m, 04-06-1993 (Tolman T.); **Evros**: Palagias, 50 m, 06-06-1997; **Florina**: Mt. Kajmakcalan, 1600 m, 27-07-1994; **Fokida**: Delfi, 500 m, 04-05-1996; **Kastoria**: Vogatsiko, 400 m, 20-06-1995; **Thesprotia**: Sivota, 200 m, 01-05-1996.
- Scaeva selenitica* (Meigen, 1822). **Ahaia**: Mt Chelmos, 1750 m, 02-09-1998; **Kavala**: Keramoti, 0 m, 07-09-1998.
- Sphaerophoria rueppelli* (Wiedemann, 1830). **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 20-06-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m); Melissopetra, 500 m, 27-03-1997; **Messinia**: Hristiano, 300 m, 12-07-1994; **Preveza**: Vrachos, 0 m, 10-06-1997; **Thesprotia**: Finiki, 100 m, 28-08-1998.
- Sphaerophoria scripta* (Linnaeus, 1758). **Ahaia**: Mt Chelmos, 1500 m, 13-06-1997; Zarouchla, 1050 m, 14-06-1997; **Drama**: Mt. Falakro, 350 m, 08-06-1995; Pirci, 600 m, 11-09-1998; **Etolia-Akarnania**: Podogora, 150 m, 01-06-1995; **Evros**: Avas, 150 m, 07-06-1997; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 20-06-1995 (m), 02-07-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m), 18-05-1996 (m), 15-04-1997 (m), 15-06-1997 (m); 700 m, 02-06-1995; Dilofa, 800 m, 23-06-1995; 29-08-1998; Melissopetra, 400 m, 14-09-1998; **Kastoria**: Eptahori, 1300 m, 23-07-1994; Mt. Vitsi, 1000 m, 20-06-1995; **Kavala**: Touzla, 0 m, 06-09-1998; **Kozani**: Siatista, 1200 m, 04-06-1997; **Piera**: Karia, 700 m, 10-06-1995.
- Syrphus ribesii* (Linnaeus, 1758). **Ahaia**: Michas, 1300 m, 18-06-1997; Mt Chelmos, 1850 m, 13-06-1997; **Florina**: Pissoderi, 1400 m, 4-07-1994; **Kastoria**: Mt Epano Arena, 1500 m, 29-07-1994; **Lakonia**: Mt. Taygetos, 1400 m, 15-07-1994.
- Syrphus torvus* Osten Sacken, 1875. **Kastoria**: Mt Epano Arena, 1400 m, 29-07-1994; **Veria**: Mt. Vermion, 1500 m, 05-07-1993.
- Syrphus vitripennis* Meigen, 1822. **Arkadia**: Mt. Menalon, 1400 m, 17-07-1994; **Florina**: Pissoderi, 1400 m, 24-07-1994; **Ioanina**: Konitsa, 500 m, 01-04-1997 (m); **Kastoria**: Mt Epano Arena, 1300 m, 29-07-1994; Koutili, 1000 m, 21-07-1993.
- Xanthogramma pedissequum* (Harris, [1776]). **Ahaia**: Kerpini, 600 m, 05-05-1996; **Ioanina**: Konitsa, 500 m, 02-07-1995 (m); 25-07-1995 (m); Papingo 700 m; 20-08-1992; Mesovounion, 700 m, 22-05-1996; **Kastoria**: Eptahori, 1100 m, 18-05-1996; **Korinthia**: 7 Km S of Zemeni, 100 m, 23-04-1996; **Messinia**: Kalithea, 250 m, 13-07-1994.
- Chrysotoxum bicinctum* (Linnaeus, 1758). **Ahaia**: Kerpini, 1000 m, 14-06-1995; **Kastoria**: Mt Epano Arena, 1500 m, 29-07-1994.
- Chrysotoxum cautum* (Harris, [1776]). **Ioanina**: Konitsa, 500 m, 18-05-1996 (m); 07-06-1995 (m); 15-06-1997 (m); **Kastoria**: Eptahori, 700 m, 04-06-1995; 09-06-1997; Mt Epano Arena, 1500 m, 29-07-1994; **Kozani**: Skiti, 1050 m, 04-06-1997.
- Chrysotoxum cisalpinum* Rondani, 1845. **Ioanina**: Konitsa, 500 m, 07-06-1995 (m).
- Chrysotoxum elegans* Loew, 1841. **Drama**: Mt. Orvilos, 1250 m, 04-06-1993 (Tolman T.); **Kastoria**: Eptahori, 700 m, 04-06-1995.
- Chrysotoxum festivum* (Linnaeus, 1758). **Ahaia**: Mt Chelmos, 1650 m, 17-06-1997; **Ioanina**: Peristeri, 1500 m, 03-07-1993; **Rodopi**: Nea Sanda, 700 m, 07-08-1997.
- Chrysotoxum impressum* Becker, 1921. **Kastoria**: Mt Epano Arena, 1500 m, 29-07-1994; **Pissoderi**: Florina, 1000 m, 26-07-1994.
- Chrysotoxum intermedium* Meigen, 1822. **Ahaia**: Kerpini, 400 m, 13-06-1997; **Ioanina**: Peristeri, 1500 m, 03-07-1993; Dilofa, 800 m, 29-08-1998; Konitsa, 500 m, 07-06-1995 (m), 25-07-1995 (m), 15-06-1997 (m); Papingo, 700 m, 22-05-1996; **Kavala**:

Keramoti, 0 m, 07-09-1998 **Kozani**: Skiti, 1050 m, 04-06-1997; Siatista, 925 m, 08-05-1996; **Preveza**: Vrachos, 0 m, 05-09-1998.

Chrysotoxum octomaculatum Curtis, 1837. **Drama**: Mt. Orvilos, 1250 m, 04-06-1993 (Tolman T.); **Ioanina**: Dilofo, 800 m, 29-08-1998.

Chrysotoxum vernale Loew, 1841. **Ahaia**: Mt Chelmos, 1700 m, 12-06-1997; **Drama**: Mt. Orvilos, 1250 m, 04-06-1993 (Tolman T.); **Ioanina**: Konitsa, 500 m, 05-05-1996 (m), 15-04-1997 (m); Mesovounion, 700 m, 21-05-1996; Matsouki, 1800 m, 03-08-1993.

Melanostoma mellinum (Linnaeus, 1758). **Ahaia**: Kerpini, 600 m, 05-05-1996; Mt Chelmos, 1100 m, 31-05-1996; **Etolia-Akarnania**: Mitikas, 0 m, 23-05-1996; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 20-06-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m); Melissopetra, 400 m, 22-09-1998. **Piera**: Lithoro, 500 m, 08-06-1995.

Melanostoma scalare (Fabricius, 1794). **Ioanina**: Konitsa, 500 m, 15-07-1995 (m), 25-07-1995 (m).

Xanthandrus comtus (Harris, [1780]). **Ioanina**: Konitsa, 500 m, 15-06-1997.

Platycheirus albimanus (Fabricius, 1781). **Drama**: Elatia forest, 1300 m, 10-06-1993 (Tolman T); **Ioanina**: Konitsa, 850 m, 30-04-1996; Melissopetra, 400 m, 30-04-1996; **Kavala**: Mt Pangeon, 1700 m, 10-09-1998; **Samos**: Ag. Paraskevi, 1000 m, 21-06-1995 (Van den Heuvel R.).

Platycheirus fulviventris (Macquart, 1829). **Ioanina**: Konitsa, 500 m, 20-06-1995 (m).

Paragus absidatus Goeldlin de Tiefenau, 1971. **Ahaia**: 10 km W of Longos, 50 m, 18-03-1997.

Paragus albifrons (Fallen, 1817). **Ioanina**: Melissopetra, 400 m, 30-04-1996; **Kozani**: Siatista, 1000 m, 18-05-1996; **Rodopi**: Nea Sanda, 700 m, 11-05-1996.

Paragus bicolor (Fabricius, 1794). **Ahaia**: Mt Chelmos, 1750 m, 12-06-1997; **Evros**: Lefkimi, 300 m, 08-07-1993; **Florina**: Prespa, 1100 m, 13-07-1993; **Iliia**: Kastro, 0 m, 18-09-1998; **Imathia**: Kastania, 1150 m, 04-06-1995; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 20-06-1995 (m), 02-07-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m), 22-06-1997; 1000 m, 24-06-1995; Actomilitsa, 800 m, 21-06-1995; Dilofo, 800 m, 29-08-1998; **Kastoria**: Mt Epano Arena, 1400 m, 29-07-1994; Vogatsiko, 400 m, 20-06-1995; **Kozani**: Siatista, 1000 m, 04-06-1995; **Lefkada**: Apolpena, 50 m, 26-05-1995; **Preveza**: Vrachos, 0 m, 10-06-1997; 30-08-1998; **Rodopi**: Nea Sanda, 700 m, 11-05-1996.

Paragus haemorrhous Meigen, 1822. **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 02-07-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995(m), 1000 m, 24-06-1995; Peristeri, 1500 m, 03-07-1993; Dilofo, 800 m, 29-08-1998, 850 m, 23-06-1995; **Kastoria**: Pefkofito, 1000 m, 19-07-1991; **Lefkada**: Apolpena, 50 m, 12-06-1995; **Piera**: Lithoro, 500 m, 08-06-1995.

Paragus majoranae Rondani, 1857. **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 02-07-1995 (m), 15-07-1995 (m), 15-08-1995 (m); **Kastoria**: Eptahori, 1300 m, 23-07-1994.

Paragus otenicus Stănescu, 1977. **Rodopi**: Nea Sanda, 700 m, 07-06-1997.

Paragus quadrifasciatus Meigen, 1822. **Evia**: Papades, 300 m, 28-04-1996; **Ioanina**: Papingo, 700 m, 01-07-1993; Konitsa, 500 m, 25-07-1995 (m), 15-08-1995 (m); **Messinia**: Kalithea, 250 m, 13-07-1994.

Paragus strigatus Meigen, 1822. **Rodopi**: Nea Sanda, 700 m, 05-06-1995; Lasmos, 30 m, 05-06-1995.

Paragus tibialis (Fallen, 1817). **Ahaia**: Zarouchla, 1050 m, 14-06-1997; **Arkadia**: Sapounakaïka, 50 m, 25-04-1996; **Etolia-Akarnania**: Mitikas, 0 m, 06-05-1996, 23-05-1996; Aetos, 200 m, 23-05-1996; **Florina**: Skopos, 850 m, 26-07-1994; **Fokida**:

Ag. Nicolaos, 0 m, 03-05-1996; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 20-06-1995 (m), 1000 m, 24-06-1995; Dilofo, 800 m, 21-07-1994, 23-06-1995; Vouliasta, 300 m, 08-07-1994; Melissopetra, 400 m, 14-09-1998; **Kastoria**: Vogatsiko, 800 m, 20-06-1995, 13-09-1998; **Lefkada**: Apolpena, 50 m, 12-06-1995; **Messinia**: Kalithea, 250 m, 13-07-1994; **Preveza**: Vrachos, 0 m, 26-06-1995, 24-05-1996, 10-06-1997; **Rodopi**: Nea Sanda, 700 m, 07-06-1997; **Thesprotia**: Plataria, 0 m, 01-05-1996.

2. Subfamily Milesiinae

- Heringia heringi** (Zetterstedt, 1843). **Ioanina**: Konitsa, 500 m, 25-07-1995 (m); **Kozani**: Siatista, 850 m, 08-05-1996.
- Neocnemodon latitarsis** (Egger, 1865). **Kastoria**: Eptahori, 1300 m, 23-07-1994; Mt Epano Arena, 1500 m, 29-07-1994.
- Pipiza bimaculata** Meigen, 1822. **Ioanina**: Konitsa, 500 m, 25-07-1995 (m); **Preveza**: Vrachos, 0 m, 02-05-1996.
- Trichopsomyia carbonaria** (Meigen, 1822). **Korinthia**: Throfarí, 730 m, 24-04-1996.
- Triglyphus primus** Loew, 1840. **Ioanina**: Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 20-06-1995 (m).
- Cheilosia albipila** Meigen, 1838. **Arkadia**: Karkalou, 1050 m, 11-04-1994.
- Cheilosia albitarsis** (Meigen, 1822). **Florina Kastoria**: Mt Vitsi, 1200 m, 20-06-1995.
- Cheilosia antiqua** (Meigen, 1822). **Evros**: Lefkimi, 125 m, 11-05-1996.
- Cheilosia barbata** Loew, 1857. **Ioanina**: Dilofo, 800 m, 07-05-1996.
- Cheilosia correcta** (Becker, 1894). **Xanthi**: Stavroupoli, 300 m, 07-07-1993.
- Cheilosia flavipes** (Panzer, [1798]). **Ioanina**: Konitsa, 500 m, 16-06-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m).
- Cheilosia grossa** (Fallen, 1817). **Arkadia**: Karkalou, 1050 m, 11-04-1994; **Kastoria**: Mt Epano Arena, 1400 m, 29-07-1994.
- Cheilosia illustrata** (Harris, [1780]). **Thesprotia**: Georgiani, 450 m, 24-06-1997.
- Cheilosia latifacies** Loew, 1857. **Florina**: Florina, 880 m, 14-06-1996.
- Cheilosia latifrons** (Zetterstedt, 1843). **Ioanina**: Konitsa, 500 m, 25-07-1995 (m), 15-08-1995 (m).
- Cheilosia nigripes** (Meigen, 1822). **Kastoria**: Eptahori, 700 m, 04-06-1995.
- Cheilosia pascuorum** (Becker, 1894). **Kastoria**: Vogatsiko, 700 m, 08-05-1996; **Kozani**: Avgi, 800 m, 19-05-1996; **Pela**: Notia, 550 m, 13-05-1996; **Florina**: Florina, 880 m, 14-05-1996.
- Cheilosia praecox** (Zetterstedt, 1843). **Kastoria**: Eptahori, 1100 m, 08-05-1996; **Arkadia**: Mt. Melanon, 1600 m, 13-05-1997.
- Cheilosia rufipes** (Preysler, 1793). **Arkadia**: Hrissovitsi, 1100 m, 29-05-1995; **Ioanina**: Mesovounion, 600 m, 30-04-1996; **Kastoria**: Mt Epano Arena, 1400 m, 29-07-1994; Eptahori, 1300 m, 23-07-1994; **Lefkada**: Apolpena, 50 m, 02-05-1996.
- Cheilosia schineri** Egger, 1860. **Ioanina**: Konitsa, 500 m, 25-07-1995 (m); **Kozani**: Siatista, 975 m, 08-05-1996; **Arkadia**: Mt. Melanon, 1800 m, 14-05-1997.
- Cheilosia scutellata** (Fallen, 1817). **Florina**: Pissoderi, 1400 m, 24-07-1994; **Ioanina**: Dodoni, 500 m, 01-07-1993; Peristeri, 1500 m, 03-07-1993; **Kastoria**: Eptahori, 1300 m, 23-07-1994; Pefkofito, 1000 m, 19-07-1993; Mt Epano Arena, 1500 m, 24-07-1994; Koutili, 1500 m, 21-07-1993.
- Cheilosia vulpina** (Meigen, 1822). **Ioanina**: Konitsa, 600 m, 30-04-1996; **Kastoria**: Eptahori, 700 m, 04-06-1995; 1400 m, 18-05-1996.
- Cheilosia zetterstedti** (Becker, 1894). **Lakonia**: Mt. Taygetos, 330 m, 30-05-1993.
- Callicera aenea** Fabricius, 1781. **Arkadia**: Mt. Menalon, 1450 m, 17-07-1994; **Evros**: Lefkimi, 100 m, 08-09-1998.

- Volucella bombylans* (Linnaeus, 1758). **Kastoria**: Vogatsiko, 800 m, 09-06-1997.
- Volucella inanis* (Linnaeus, 1758). **Ioanina**: Melissopetra, 600 m, 23-07-1994; **Kastoria**: Mt. Epano-Arena, 1500 m, 29-07-1994; Pefkofito, 1000 m, 19-07-1993; Eptahori, 1300 m, 23-07-1994.
- Volucella pellucens* (Linnaeus, 1758). **Drama**: Livadero, 900 m, 12-07-1993; **Kastoria**: Mt. Epano-Arena, 1500 m, 29-07-1994.
- Volucella zonaria* (Poda, 1761). **Ahaia**: Mt. Chelmos, 1750 m, 17-06-1997; Kato Klitoria, 450 m, 15-06-1995; Peristra, 1150 m, 02-09-1998; **Evros**: Lefkimi, 100 m, 08-09-1998; **Florina**: Pissoderi, 1400 m, 24-07-1994; **Florina Kastoria**: Mt Vitsi, 1700 m, 24-07-1993; 1000 m, 20-06-1996; **Fokida**: Glifada, 50 m, 17-09-1998; **Ioanina**: Papingo, 1400 m, 20-07-1994; 1000 m, 20-08-1992; Konitsa, 700 m, 30-06-1993, 22-06-1997; **Kastoria**: Mt Epano Arena, 1500 m, 29-07-1994; Vogatsiko, 800 m, 09-06-1997; Chrisi, 800 m, 21-06-1995; Pefkofito, 1000 m, 19-07-1993; **Phtiotida**: Mt. Giona, 1550 m, 10-08-1992; **Preveza**: Lygia, 0 m, 23-06-1997.
- Chrysogaster simplex* Loew, 1843. **Etolia-Akarnania**: Paleros, 0 m, 07-05-1996.
- Chrysogaster viduata* (Linnaeus, 1758). **Kastoria**: Chrisi, 800 m, 21-06-1995.
- Myolepta luteola* (Gmelin, 1790). **Kastoria**: Eptahori, 1300 m, 23-07-1994.
- Orhonevra nobilis* (Fallen, 1817). **Ioanina**: Papingo, 700 m, 01-07-1993; Katara Pass, 1400 m, 11-06-1995.
- Neoascia podagrica* (Fabricius, 1775). **Ioanina**: Konitsa, 500 m, 07-06-1995 (m).
- Eumerus amoenus* Loew, 1848. **Ioanina**: Konitsa, 500 m, 02-07-1995 (m), 25-07-1995 (m).
- Eumerus basalis* Loew, 1848. **Ioanina**: Konitsa, 500 m, 02-07-1995 (m), 25-07-1995 (m).
- Eumerus flavitarsis* Zetterstedt, 1843. **Arkadia**: Mt. Menalon, 1500 m, 17-07-1994; **Ioanina**: Konitsa, 500 m, 16-06-1995 (m).
- Eumerus olivaceus* Loew, 1848. **Kastoria**: Mt. Vitsi, 1000 m, 20-06-1995.
- Eumeus ovatus* Loew, 1848. **Ioanina**: Konitsa, 500 m, 07-06-1995 (m).
- Eumerus pauper* Becker, 1921. **Ioanina**: Aristi, 0 m, 30-06-1993.
- Eumerus strigatus* (Fallen, 1817). **Ahaia**: Kerpini, 1000 m, 14-06-1995; **Ioanina**: Konitsa, 500 m, 16-06-1995 (m), 700 m, 07-06-1995.
- Eumerus sulcitibius* Rondani, 1868. **Ioanina**: Aristi, 800 m, 03-06-1995.
- Eumerus tricolor* (Fabricius, 1798). **Arkadia**: Sapounakaïka, 50 m, 25-04-1996; **Lefkada**: Apolpena, 50 m, 02-05-1996.
- Eumerus urartorum* Stackelberg, 1960. **Ioanina**: Aristi, 800 m, 03-06-1995.
- Merodon aberrans* Egger, 1860. **Ahaia**: Mt. Chelmos, 1500 m, 11-07-1994; **Evros**: Avas, 250 m, 07-06-1997; **Florina**: Mt. Kajmakcalan, 1800 m, 27-07-1994; **Kastoria**: Mt. Epano-Arena, 1500 m, 29-07-1994; **Phtiotida**: Mt. Giona, 1500 m, 10-08-1992; **Rodopi**: Nea Sanda, 700 m, 05-06-1995, 07-06-1997.
- Merodon aeneus* Meigen, 1822. **Ahaia**: Mt. Chelmos, 1800 m, 14-06-1995, 1475 m, 13-06-1997; **Atiki**: Ino, 600 m, 27-04-1996; **Ioanina**: Katara Pass, 1400 m, 11-06-1995; **Kastoria**: Vogatsiko, 700 m, 08-05-1996, 800 m, 14-05-1996; **Kozani**: Siatista, 1200 m, 04-06-1997, 975 m, 18-05-1996; **Rodopi**: Nea Sanda, 700 m, 05-06-1995, 11-05-1996.
- Merodon alagoezicus* Paramonov, 1925. **Phtiotida**: Mt. Giona, 1500 m, 10-08-1992.
- Merodon albifrons* Meigen, 1822. **Evros**: Palagias, 50 m, 06-06-1997; Lefkimi, 100 m, 08-09-1998; **Kastoria**: Vogatsiko, 700 m, 09-06-1997; Koutili, 1000 m, 21-07-1993.
- Merodon avidus* (Rossi, 1790). **Ahaia**: Kerpini, 1000 m, 14-06-1995; Peristera, 1150 m, 02-09-1998; **Ioanina**: Konitsa, 500 m, 07-06-1995 (m); Papingo, 700 m, 01-07-1993; Asfaka, 500 m, 03-07-1993; Aristi, 800 m, 03-06-1995; Melissopetra, 600 m, 21-07-1994.

- Merodon chalybeatus* Sack, 1913. **Arkadia**: Kandila, 1150 m, 03-09-1998.
- Merodon cinereus* (Fabricius, 1794). **Florina**: Mt. Kajmakcalan, 1800 m, 27-07-1994; **Florina Kastoria**: Mt Vitsi, 1700 m, 24-07-1993.
- Merodon clavipes* (Fabricius, 1781). **Ahaia**: Kattaraktis, 400 m, 05-05-1996; **Drama**: Mt. Falakro, 300 m, 09-06-1995; **Fokida**: Delfi, 500 m, 04-05-1996; **Ioanina**: Pedini, 700 m, 01-06-1995; Mesovounion, 700 m, 21-05-1996.
- Merodon crassifemoris* Paramonov, 1925. **Florina**: Lake Prespa, 1100 m, 23-07-1993; **Kozani**: Siatista, 1000 m, 04-06-1995.
- Merodon distinctus* Palma, 1863. **Ahaia**: Peristera (Mt. Chelmos), 1150 m, 02-09-1998.
- Merodon erivanicus* Paramonov, 1925. **Evros**: Lefkimi, 100 m, 08-09-1998.
- Merodon femoratus* Sack, 1913. **Evros**: Lefkimi, 100 m, 08-07-1993; **Kastoria**: Mt. Epano-Arena, 1500 m, 29-07-1994.
- Merodon funestus* (Fabricius, 1794). **Lefkada**: Apolpena, 50 m, 02-05-1996.
- Merodon loewi* Van der Goot, 1964. **Ahaia**: Kerpini, 800 m, 05-05-1996; **Etolia Akarnania**: Ag. Theodori, 800 m, 10-05-1996; **Evia**: Ahladi, 150 m, 28-04-1996; Papades, 300 m, 28-04-1996; **Kastoria**: Eptahori, 700 m, 04-06-1995; Vogatsiko, 700 m, 08-05-1996; **Kozani**: Siatista, 1000 m, 08-05-1996; **Pela**: Notia, 550 m, 13-05-1996.
- Merodon longicornis* Sack, 1913. **Ioanina**: Anavriti, 240 m, 28-08-1998.
- Merodon nigratarsis* Rondani, 1845. **Arkadia**: Mt. Menalon, 1400 m, 17-07-1994; **Evros**: Lefkimi, 100 m, 07-07-1993; **Florina**: Lake Prespa, 1100 m, 19-06-1995; **Ioanina**: Papingo, 700 m, 01-07-1993; Konitsa, 500 m, 02-07-1995 (m).
- Merodon pruni* (Rossi, 1790). **Ahaia**: Kato Klitoria, 450 m, 15-06-1995; **Preveza**: Vrachos, 0 m, 24-06-1997, 30-08-1998, 05-09-1998.
- Merodon spicatus* Becker, 1907. **Preveza**: Mirsini, 80 m, 23-05-1996.
- Psilota anthracina* Meigen, 1822. **Ahaia**: Mt Chelmos, 1100 m, 21-05-1995.
- Psilota innupta* Rondani, 1857. **Ioanina**: Konitsa, 500 m, 15-06-1997 (m).
- Ceriana conopsoides* (Linnaeus, 1758). **Ioanina**: Konitsa, 500 m, 25-07-1995 (m).
- Ceriana vespiformis* (Latreille, 1804). **Etolia Akarnania**: Katochi, 10 m, 04-09-1998; **Lakonia**: Mt. Taygetos, 1200 m, 16-06-1997.
- Sphiximorpha subsessilis* (Illiger in Rossi, 1807). **Ioanina**: Konitsa, 500 m, 15-04-1997 (m).
- Eristalinus sepulchralis* (Linnaeus, 1758). **Drama**: Pirgi, 600 m, 11-09-1998; **Florina**: Lake Prespa, 850 m, 19-06-1995; **Ioanina**: Konitsa, 500 m, 16-06-1995 (m); **Kavala**: Touzla, 0 m, 06-09-1998; **Lefkada**: Apolpena, 850 m, 15-06-1995; **Xanthi**: Krias, 250 m, 07-06-1995.
- Eristalodes taeniops* (Wiedemann, 1818). **Ahaia**: 10 km W of Longos, 50 m, 18-03-1997; **Etolia Akarnania**: Katochi, 10 m, 04-09-1998.
- Lathropythalmus aeneus* (Scopoli, 1763). **Ahaia**: Kalogria, 0 m, 18-09-1998; **Etolia Akarnania**: Katochi, 10 m, 01-09-1998, 04-09-1998, 15-09-1998; **Evros**: Avas, 50 m, 09-09-1998; **Kavala**: Keramoti, 0 m, 07-09-1998; Touzla, 0 m, 06-09-1998; **Lefkada**: Apolpena, 50 m, 26-05-1995; **Preveza**: Lygia, 0 m, 23-06-1997; Vrachos, 0 m, 26-06-1995, 24-05-1996, 10-06-1997.
- Lathropythalmus megacephalus* (Rossi, 1794). **Etolia Akarnania**: Katochi, 10 m, 01-09-1998, 04-09-1998; **Ioanina**: Melissopetra, 400 m, 14-09-1998.
- Eristalis arbustorum* (Linnaeus, 1758). **Ahaia**: Kerpini, 1000 m, 18-07-1994, 05-05-1996; Mt Chelmos, 1630 m, 12-06-1997; Kalavrita, 900 m, 30-05-1995; **Arkadia**: Manthirea, 800 m, 30-06-1995; **Drama**: Mt. Falakro, 300 m, 09-06-1995; Sterna, 150 m, 07-06-1995; **Etolia Akarnania**: Katochi, 10 m, 04-09-1998; Hrissovergi, 100 m, 12-07-1994; Paleros, 0 m, 07-05-1996; **Florina**: Skopos, 850 m, 26-07-1994; Kotas, 900 m, 24-07-1994; Lake Prespa, 850 m, 19-06-1995; **Ioanina**: Aristi, 1000 m, 03-

06-1995; Dilofu, 850 m, 23-06-1995; Katara Pass, 1400 m, 11-06-1995; Konitsa, 1000 m, 24-05-1995; Melissopetra, 400 m, 14-09-1998; Mesovounion, 700 m, 21-05-1996; Papingo, 1600 m, 20-08-1992, 20-07-1994; Pedini, 700 m, 01-06-1995; Actomilitsa, 800 m, 21-06-1995; Sitsaina, 1000 m, 12-07-1998 (Garrevoet T. C.); **Isl Kreta**: Analipsis, 0 m, 10-05-1997 (Van de Heuvel R.); **Kastoria**: Eptahori, 1300 m, 23-07-1994, 700 m, 04-06-1995, 1100 m, 18-05-1996, 09-06-1997; Mt Epano Arena, 1500 m, 29-07-1994; Chrisi, 800 m, 21-06-1995; **Kilkis**: Doirani, 120 m, 13-05-1996; **Kozani**: Siatista, 1000 m, 04-06-1995; **Preveza**: Vrachos, 0 m, 24-06-1997; Lygia, 0 m, 23-06-1997; **Seres**: Kato Poroia, 150 m, 08-06-1997; **Thesprotia**: Finiki, 20 m, 02-06-1997.

Eristalis horticola (De Geer, 1776). **Florina**: Lake Prespa, 1100 m, 13-07-1993; Pissoderi, 1400 m, 24-07-1994.

Eristalis jugorum Egger, 1858. **Kastoria**: Pefkofito, 1000 m, 19-07-1993.

Eristalis nemorum (Linnaeus, 1758). **Florina Kastoria**: Mt Vitsi, 1700 m, 24-07-1993.

Eristalis pratorum Meigen, 1822. **Arkadia**: Mt. Menalon, 1500 m, 17-07-1994; Manthreia, 800 m, 27-04-1996; **Evritania**: Mt. Timfristos, 1900 m, 13-08-1992; **Florina Kastoria**: Mt Vitsi, 1200 m, 20-06-1995; **Ioanina**: Matsouki, 1800 m, 03-08-1992; Konitsa, 800 m, 18-06-1996; Katara Pass, 1400 m, 11-06-1995; **Kastoria**: Koutili, 1000 m, 21-07-1993; Mt. Epano-Arena, 1400 m, 29-07-1994; Vogatsiko, 800 m, 09-06-1997; **Lakmos**: Trikala Haliki, 1500 m, 02-08-1992; **Phtiotida**: Mt. Giona, 1500 m, 10-08-1992.

Eristalis vitripennis Strobl, 1893. **Thesprotia**: Sivota, 0 m, 26-03-1997.

Eristalis tenax (Linnaeus, 1758). **Ahaia**: Kerpini, 1000 m, 18-07-1994; Mt. Chelmos, 1680 m, 13-06-1997, 1750 m, 02-09-1998; **Argolida**: Skotini, 1000 m, 15-06-1997; **Arkadia**: Mt. Menalon, 1500 m, 17-07-1994; **Evia**: Papades, 300 m, 28-04-1996; **Evros**: Lefkimi, 100 m, 06-06-1995, 08-09-1998; Avas, 50 m, 09-09-1998; **Florina**: Pissoderi, 1400 m, 24-07-1994; **Ioanina**: Aristi, 800 m, 03-06-1995; **Isl Kreta**: Analipsis, 0 m, 10-05-1997 (Van den Heuvel R.); **Kastoria**: Mt. Epano-Arena, 1500 m, 29-07-1994; Eptahori, 1300 m, 23-07-1994; Mt. Orlovo, 1500 m, 24-07-1994; **Korinthia**: 7 Km S of Zemeni, 100 m, 23-04-1996; **Trikala**: Haliki, 1500 m, 02-08-1992; **Lefkada**: Apolpena, 50 m, 26-05-1995; **Pela**: Notia, 550 m, 13-05-1996; **Preveza**: Vrachos, 0 m, 30-08-1998; **Rodopi**: Nea Sanda, 700 m, 05-06-1995; **Thesprotia**: Plataria, 0 m, 01-05-1996; **Xanthi**: Mt. Vermion, 1500m, 05-07-1993.

Anasimya contractus (Claussen & Torp Pedersen, 1980). **Florina**: Lake Prespa, 850 m, 19-06-1995.

Helophilus parallelus (Harris, [1776]). **Florina**: Akritas, 800 m, 25-07-1994; **Ioanina**: Melissopetra, 400 m, 14-09-1998; **Thesprotia**: Finiki, 0 m, 02-06-1997.

Parhelophilus frutetorum (Fabricius, 1775). **Etolia-Akarnania**: Paleros, 0 m, 07-05-1996.

Parhelophilus versicolor (Fabricius, 1794). **Florina**: Lake Prespa, 1100 m, 23-07-1993, 25-07-1994.

Mallota fuciformis (Fabricius, 1794). **Ioanina**: Mesovounion, 700 m, 21-05-1996.

Mesembrius peregrinus (Loew, 1846). **Etolia-Akarnania**: Paleros, 0 m, 07-05-1996.

Myathropa florea (Linnaeus, 1758). **Arkadia**: Mt. Menalon, 1500 m, 17-07-1994
Florina: Pissoderi, 1400 m, 24-07-1994; Lake Prespa, 1100 m, 18-06-1995; **Ioanina**: Mesovounion, 700 m, 21-06-1995; Melissopetra, 400 m, 22-09-1998; Anavriti, 240 m, 28-08-1998; Konitsa, 500 m, 15-06-1997 (m); **Kastoria**: Eptahori, 1300 m, 23-07-1994; Mt. Epano-Arena, 1500 m, 29-07-1994; Vogatsiko, 400 m, 23-07-1994; **Messinia**: Kalithea, 250 m, 13-07-1994.

Caliprobola speciosa (Rossi, 1790). **Ioanina**: Konitsa, 500 m, 07-06-1995 (m).

Milesia craboniformis (Fabricius, 1775). **Kastoria**: Pefkofito, 1000 m, 19-07-1993.

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- Milesia semiluctifera* (Villers, 1789). **Evros:** Lefkimi, 100 m, 08-09-1998; **Ioanina:** Konitsa, 800 m, 30-06-1993; Exohi, 750 m, 21-07-1998 (Garrevoet T. C.); **Kastoria:** Mt. Epano-Arena, 1500 m, 29-07-1994; **Preveza:** Vrachos, 0 m, 30-08-1998, 05-09-1998.
- Spilomyia manicata* (Rondani, 1865). **Evros:** Lefkimi, 100 m, 08-09-1998.
- Spilomyia saltuum* (Fabricius, 1794). **Ioanina:** Konitsa, 500 m, 15-08-1995 (m); **Kastoria:** Pefkofito, 1000 m, 19-07-1993.
- Syrirta flaviventris* Macquart, 1842. **Etolia Akarnania:** Katochi, 10 m, 01-09-1998; **Preveza:** Lygia, 0 m, 23-06-1997; Vrachos, 0 m, 10-06-1997, 30-08-1998;
- Syrirta pipiens* (Linnaeus, 1758). **Ahaia:** Peristera (Mt. Chelmos), 1150 m, 02-09-1998; **Argolida:** Vivari, 60 m, 24-04-1996; **Arkadia:** Levidi, 800 m, 17-07-1994; **Etolia Akarnania:** Katochi, 10 m, 04-09-1998; **Florina:** Lake Prespa, 1100 m, 23-07-1994; Skopos, 850 m, 26-07-1994; **Ioanina:** Papingo, 1600 m, 20-07-1994; Ag. Paraskevi, 1000m, 21-06-1995; Dilofo, 800 m, 29-08-1998; Konitsa, 500 m, 07-06-1995(m), 24-06-1995 (m), 15-07-1995 (m), 25-07-1995 (m), 15-08-1995 (m); **Kastoria:** Vogatsiko, 700 m, 20-06-1995, 08-05-1996; Koutili, 1000 m, 21-07-1993; **Kavala:** Keramoti, 0 m, 07-09-1998; Touzla, 0 m, 06-09-1998; **Kozani:** Siatista, 1000 m, 04-06-1995; **Messinia:** Kalithea, 250 m, 13-07-1994; **Preveza:** Parga, 150 m, 24-05-1996; Vrachos, 0 m, 30-08-1998, 05-09-1998; **Thesprotia:** Plataria, 0 m, 01-05-1996.
- Brachypalpoides lentus* (Meigen, 1822). **Kastoria:** Eptahori, 700 m, 04-06-1995.
- Xylota ignava* (Panzer, [1798]). **Kastoria:** Mt. Epano-Arena, 1300 m, 29-07-1994; Pefkofito, 1000 m, 19-07-1993.
- Xylota segnis* (Linnaeus, 1758). **Kastoria:** Mt. Epano-Arena, 1400 m, 29-07-1994; Pefkofito, 1000 m, 19-07-1993.
- Xylota xanthocnema* Collin, 1939. **Kastoria:** Pefkofito, 1000 m, 19-07-1993.

3. Subfamily Microdontinae

- Microdon mutabilis* (Linnaeus, 1758). **Ioanina:** Konitsa, 500 m, 07-06-1995 (m), 16-06-1995 (m), 20-06-1995 (m), 02-07-1995 (m).

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