

<i>Travaux du Muséum National d'Histoire Naturelle</i> «Grigore Antipa»	Vol. XLIX	pp. 283–295	© Octobre 2006
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**FAUNISTIC DATA ON SOME DIPTERAN FAMILIES (INSECTA:
DIPTERA) FROM WEST TURKEY
(Results of „Taurus” Expedition 2005)**

CORNELIU PÂRVU, RĂZVAN POPESCU-MIRCENI

Abstract. We present 105 species of 14 families, collected in July 2005 from West Turkey. From them, 59 species are not mentioned in the „Catalogue of Palaearctic Dipterans” as belonging to the Turkish fauna, and 16 were not reported, yet, from Asia, according also to this catalogue.

Résumé. On présente 105 espèces appartenant à 14 familles, capturées en juillet 2005, de l'ouest de Turquie. Parmi eux, 59 espèces ne sont pas mentionnées dans le „Catalogue de Diptères Palaearctiques” comme appartenant à la faune de Turquie; conformément à ce catalogue 16 espèces n'ont pas été encore rapportées pour l'Asie.

Key words: Diptera, families, western Turkey, faunistic data, new mentions, July 2005, „Taurus” Expedition.

The senior author published some data on the dipterans from the Mediterranean area before, from Turkey (Pârvu & Giray, 1984) and Israel (Pârvu, 1996, 1997).

Analyzing the 13 volumes of the „Catalogue of Palaearctic Dipterans”, published after 1980, we established that there are not enough data on Turkish dipterans, even for its Mediterranean side. That is why the senior author accepted the invitation of the “Oceanic Club” Society of Oceanographical Explorations and Marine Environment Protection of Constanța, led by the junior author, in order to collect different insects from western Turkey, during July 2005.

The route started from North, from Çanakkale to South, from western coast of Peninsula to Izmir, from where a loop followed, inside the country, final point being Antalya. Then we went northwards, up to Çanakkale (Fig. 1).

The identification of a part of the material revealed 14 families, the richest in species being the Dolichopodidae (26), Tephritidae (15), Bombyliidae (12), Ephydriidae (12), Syrphidae (10), Tabanidae (9), the other with a smaller number of species. From the 105 species, 59 are not included in the “Catalogue of the Palaearctic Dipterans”, and 16 were not reported from Asia.

MATERIAL AND METHOD

Collecting was made by the authors and Gabriel Chișamera, colleague from “Grigore Antipa” National Museum of Natural History (Bucharest), using the entomological net. Their names are abbreviated as it follows in the list of species: Corneliu Pârvu – C.P., Gabriel Chișamera – G.C., Răzvan Popescu – Mirceni – R.P.M. The material was preserved by drying and mounted in entomological pins or in 70% alcohol. It was booked in a register of the stations and samples.

English translation by Mihaela Barcan Achim.

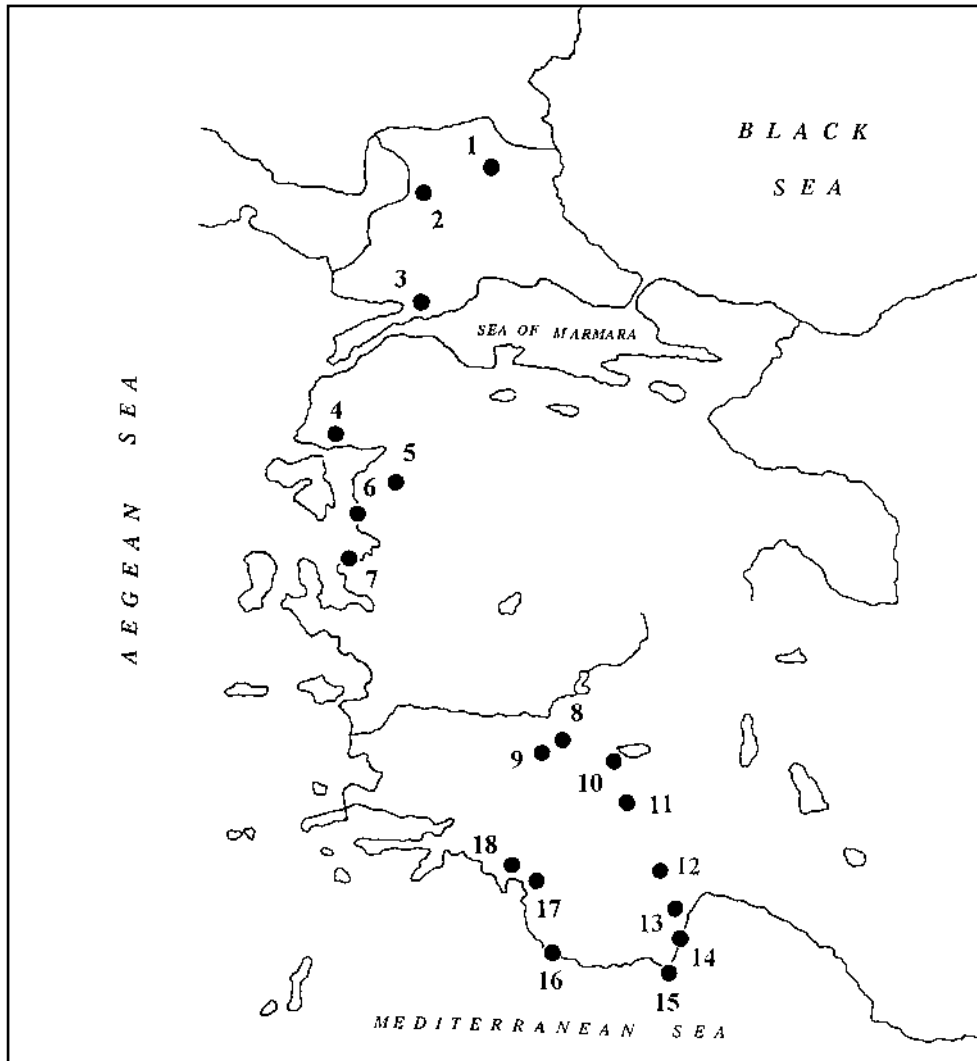


Fig. 1 – The map of West Turkey with the collecting sites (black points): 1, Kanlı Dere; 2, Pehlivan köyü; 3, Eceabat, 33 km North; 4, Küçük kuyu; 5, Bergama; 6, Dikili; 7, Yenifoça; 8, Pamukkale (Hierapolis); 9, Koruçuk; 10, Salda Gölü; 11, Karamanlı Barajı; 12, Kizildere; 13, Karaman Düzlerçami; 14, Tekirova; 15, Etnek Park (Olimpos); 16, Patara Beach; 17, Ortaca (Dalaman Çayı river); 18, Köyceğiz Gölü.

The species identification was made according to different fauna fascicles from Romania, Czech Republic, Poland, Hungary, Russia, to Lindner Collection, „Die Fliegen der Palaearctische Region”, as “Tephritidae” by Hendel (1927), “Ephydriidae” by Becker (1926), to “Faune de France” by Parent (1938), for Dolichopodidae, to and mostly according to the identification hand book of the insects from the European side of the ex-USSR Shtackel’berg & Narchuk (1969, 1970). Other authors are mentioned in some of the species from the list.

Some species were checked with specimens of the scientific collections of "Grigore Antipa" National Museum of Natural History. Taxonomical list was ordered according to the reviewed list of the dipterans from Czech Republic and Slovakia (published by Chvála, 1997) respecting the phylogenetic order of the superspecific taxa and the alphabetical one for the species within genera.

RESULTS

In the list of the 105 species, 59 were not reported for Turkey in the „Catalogue of the Palaearctic Dipterans” (they are marked by an asterisk). Their distribution is presented as in the Catalogue, some countries by sigles, others with the full name. We have to mention that since the catalogues on families were published, in different years, numerous other species were reported but their distribution is very little known. In this respect these contributions are welcomed. For example, we mention the syrphid species *Eristalinus (Lathyrrophthalmus) aeneus* (Scopoli), absent in the Catalogue and reported later, from a single site, in the Atlas of the syrphid dipterans from the Mediterranean area (Dirickx, 1994).

Taxonomical list

Family Limoniidae

* *Idioptera (s. str.) pulchripennis* (Loew, 1856): 1 ♀, Köyceğiz Gölü, 19.VII., C.P. Distribution: Europe: A, AL, BG, CH, CS, CY, DK, GR, H, PL, R, YU; USSR: SET (Uk), TC, SMA; Asia: Israel, Iran, Afghanistan; North Africa: Morocco, Algeria, Egypt; Canary Is.

* *Symplecta (s. str.) hybrida* (Meigen, 1804): 1 ♀, Karamanli Barajı, 15.VII., C.P., 1 ♂, Kizildere, 15.VII., C.P. Distribution: Europe: A, B, BG, CH, CS, D, DDR, DK, E, F, (incl. Corsica), GB, H, I (incl. Sicily), IRE, IS, N, NL, PL, R, S, SF, YU; USSR: NET, CET, SET, TC, SMA, KZ, WS, ES (incl. Kotelnityes), FE; North Africa: Morocco, Algeria, Egypt; Asia: Israel, Lebanon, Iran, Afghanistan, China, North Korea, Japan; Azores; Oriental and Nearctic Regions.

* *Symplecta (Trimicra) pilipes* (Fabricius, 1787) (Fig. 2 A, B): 1 ♂, 1 ♀, Koruçuk, 13.VII., C.P. Distribution: Europe: A, B, CS, D, DDR, DK, E, F (incl. Corsica), GB, IRE, N, NL, PL, R, S, SF, YU; USSR: NET, CET, SET (Uk), WS, ES, FE (Primorskiy Kray); Asia: Israel, Saudi Arabia, Mongolia; North Africa: Morocco, Algeria, Egypt; Azores, Madeira, Canary Is; cosmopolitan.

Family Rhagionidae

* *Chrysopilus splendidus* (Meigen, 1820): 1 ♂, Kizildere, 15.VII., C.P. Distribution: Europe: A, AL, B, BC, CH, CS, D, DDR, F, GB, H, I, PL, R, S, SF, YU, I; USSR: CET (Est, Uk, Rs), WS.

* *Symphoromyia melaena* (Meigen, 1820): 1 ♀, Köyceğiz Gölü, 19.VII., C.P. Distribution: Europe: A, CS, D, DDR, F, GB, H, I, R; USSR: NET, CET. *New mention for Asia.*

Family Tabanidae

Chrysops caecutiens (Linnaeus, 1758): 1 ♀, Köyceğiz Gölü, 19.VII., C.P.
Chrysops flavipes Meigen, 1804: 4 ♂♂, Ortaca-Dalaman Çayı, 18.VII., C.P., R.P.M.

Chryuops italicus Meigen, 1804: 1 ♀, Ortaca-Dalaman Çayı, 18.VII., C.P., 1 ♀, Dikili (gulf), 24.VII., C.P.

* *Hybomitra acuminata* (Loew, 1858): 1♀, Tekirova, 16.VII., C.P. Distribution: Europe: CS, A, H, F, YU, R; USSR: CET (Rs), SET (Uk, Rs), TC (Az, Arm), KZ, SMA (Ki, Uz, Tj, Tu), ? WS, ? ES; Asia: Iran, Mongolia, China. Identified after Chvála, Lyneborg & Moucha (1972).

Tabanus bromius Linnaeus, 1758: 1 ♀, Koruçuk, 13.VII., R.P.M., 7 ♀♀, Salda Gölü, 14.VII., C.P., G.C.

Tabanus lunatus Fabricius, 1794: 1 ♀, Pamukkale, 13.VII., C.P., 2 ♀♀, Salda Gölü, 14.VII., G.C.

Tabanus spodopterus ponticus Olsufjev, Moucha, Chvála, 1961: 1 ♀, Yenifoça, 23.VII., C.P.

Tabanus spectabilis Loew, 1858: 1 ♀, Salda Gölü, 14.VII., R.P.M.

Tabanus tinctus Walker, 1850: 2 ♀♀, Küçükkuyu, 10.VII., G.C., 3 ♀♀, Köyceğiz Gölü, 19.VII., C.P.

Family Bombyliidae

Villa circumdata (Meigen, 1820): 1 ♂, Chimera – Etmek (turtle reservation), 16.VII., C.P. (cf. genitalia from Toth Sandar).

Thyridanthrax fenestratus (Fallén, 1814): 1 ♂, Yenifoça, 23.VII., C.P., 1 ♂, Eceabat (33 km North), 28.VII., G.C.

Exoprosopa jacchus (Fabricius, 1805): 4 ♀♀, Küçükkuyu, 11.VII., C.P., R.P.M.

* *Exoprosopa melaena* Loew, 1874: 1 ♂, Salda Gölü, 14.VII., C.P. Distribution: USSR: SET (Dagestan), TC (Az, Arm), SMA (Tu, Uz, Tj, Ki); Asia: Iran, Afghanistan, China.

Bombylosoma minimum (Scopoli, 1772): 2 ♀♀, Pehlivanköy, 28.VII., C.P.

Bombylosoma unicolor (Loew, 1855): 2 ♂♂, Pehlivanköy, 28.VII., C.P.

Systoechus ctenopterus (Mikan, 1796) (= *sulphureus* Mikan, 1796): 1♀, Yenifoça, 23.VII., C.P., 1 ♀, Pehlivanköy, 28.VII., G.C., 2 ♂♂, Kanli Dere, 28.VII., C.P.

* *Ligyra ferrea* (Walker, 1849): 1 ♀, Chimera – Park Etmek (turtle reservation), 16.VII., C.P. Distribution: Europe: F, AL, GR, YU, BG, R; USSR: SET, TC. *New mention for Asia.*

Heteralonia megerlei (Meigen, 1820): 1 ♀, Bergama, 24.VII., C.P.

* *Phthiria canescens* Loew, 1846: 1 ♂, Salda Gölü, 14.VII., C.P. Distribution: Europe: from SF to GR and P to PL; USSR: SET, CET, TC, SMA; Asia: Iran, Afghanistan; North Africa: Egypt.

Geron gibbosus (Olivier, 1789) : 3 ♂♂, Salda Gölü, 14.VII., C.P., 2 ♀♀, Küçükkuyu, 11.VII., C.P.

Toxophora maculata Rossi, 1790: 2 ♀♀, Yenifoça, 22.VII., C.P., R.P.M.

Family Hybotidae

The species of this family was identified after Chvála (1975).

* *Platypalpus collini* Chvála, 1966: 1 ♂, Karamanlı Barajı, 18.VII., C.P. Distribution: NL, CS, A, H, YU, R. *New mention for Asia.*

* *Platypalpus longiseta* (Zetterstedt, 1842) (Fig. 2 C - F): 1 ♂, Koruçuk, 13.VII., C.P. Distribution: Europe incl. Malta; Asia: Israel, ? Iran.

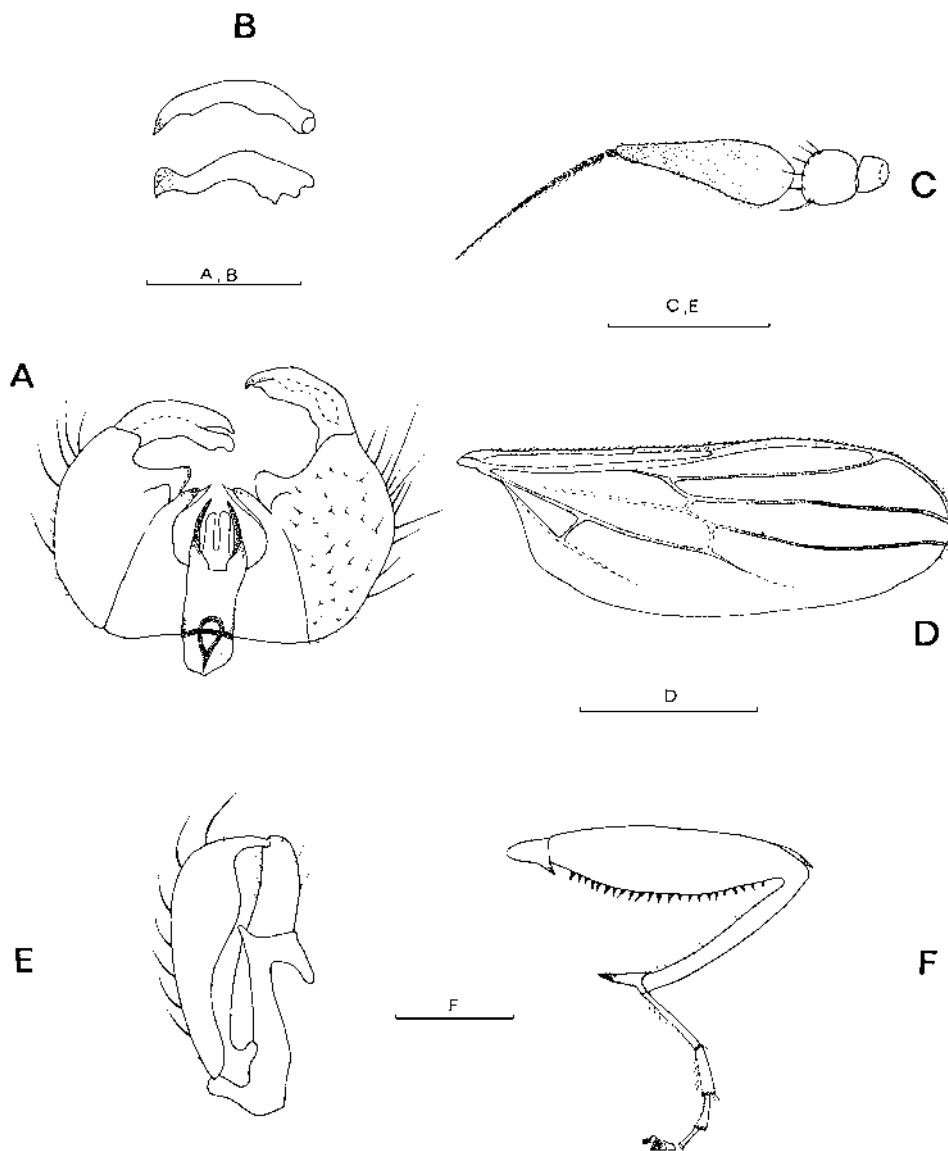


Fig. 2 – *Symplecta (Trimicra) pilipes* (F.), ♂: A – genital capsule, sternal view; B – details of gonopods; *Platypalpus longiseta* (Zett.), ♂: C – antenna; D – wing; E – gonopods; F – hind leg. Scales (in mm): A, B, F = 0.5; C, E = 0.2; D = 1.

* *Crossopalpus aeneus* (Walker, 1871): 1 ♂, Küçükuyu (2 km West), 11.VII., G.C., 27 ♂♂, 18 ♀♀, Pamukkale, 13.VII., C.P., G.C., 76 ♂♂, 29 ♀♀, Koruçuk, 13.VII., C.P., R.P.M., 1 ♂, 3 ♀♀, Salda Gölü, 14.VII., C.P., 2 ♂♂, Karamanli Baraji, 15.VII., C.P., 2 ♂♂, Pehlivan köyü, 28.VII., C.P. Distribution: Europe: D, DDR, A, H, F, I, M, JU, BG, CY; USSR: SET (Uk, Rs), TC (Az, Arm); Asia: Israel, Lebanon, Yemen; North Africa: Algeria, Tunisia, Libya, Egypt; Azores, Madeira; Canary Is.

* *Crossopalpus nigritellus* (Zetterstedt, 1842): 50 ♂♂, 40 ♀♀, Dikili (gulf), 24.VII., C.P., R.P.M. Distribution: Europe: almost all parts, North to 62° N, South to E, F, I; USSR; NET, CET (Est, Rs), SET (Uk), TC (Ge); Asia: Palestine.

* *Crossopalpus setiger* (Loew, 1859): 1 ♂, 1 ♀, Karamanli Baraji, 15.VII., C.P. Distribution: Europe: GB, continental Europe from S and SF south to E, F, BG; USSR: NET, CET (Est, Rs), ? FE.

Family Dolichopodidae

* *Sciapus heteropygus* Parent, 1926: 2 ♂♂, Ortaca – Dalaman Çayı river, 18.VII., C.P. Distribution: Europe: CS, GB, F, E, R. *New mention for Asia.*

* *Rhaphium brevicorne* Curtis, 1835: 1 ♂, Kizildere, 15.VII., G.C. Distribution: Europe: GB, NL, IRE, GR, F (incl. Corsica), I, E; USSR; SET (Rs, North Caucasus), SMA (Tj), North Africa: Algeria, Canary Is.

* *Rhaphium caliginosum* Meigen, 1824 (= *zetterstedti* Parent, 1925): 1 ♂, Yenifoça, 23.VII., C.P., 1 ♂, Pehlivan köyü, 28.VII., C.P. Distribution: Europe, USSR: NET, CET, SET, WS, ES, FE; Asia: Syria; North Africa: Algeria, Morocco.

Rhaphium laticorne (Fallén, 1823): 1 ♂, Koruçuk, 13.VII., C.P.

* *Rhaphium macrocerum* Meigen, 1824: 1 ♂, Koruçuk, 13.VII., C.P., 2 ♂♂, 2 ♀♀, Köyceğiz Gölü. 19.VII., C.P. Distribution: Europe: USSR: NET, CET, SET, SMA, WS; Asia: Iran, Afghanistan; North Africa: Algeria, Morocco, St. Helena Is.

* *Rhaphium micans* (Meigen, 1821): 2 ♂♂, Köyceğiz Gölü. 19.VII., C.P. Distribution: Europe; USSR: NET, CET, SET, SMA, WS, FE; Asia: China.

* *Micromorphus albipes* (Zetterstedt, 1843): 1 ♂, Koruçuk, 13.VII., C.P., 1 ♂, Kizildere, 15.VII., C.P. Distribution: Europe; USSR: NET, CET, SET; Asia: Mongolia, China; North Africa: Morocco, Algeria.

* *Vetimicrotes mediterraneus* (Becker, 1918): 2 ♂♂, Dikili (gulf), 24.VII. identified after Beschovski (1972). Distribution: JU, GR, BG. *New mention for Asia.*

* *Hydrophorus praecox* (Lehmann, 1822): 3 ♂♂, Karamanli Baraj, 15.VII., C.P. Distribution: Europe; USSR from Crimea to FE Asia: Iran; Azores, Canary Is Asia: India, China, Taiwan; Africa, America (N and S), Australia, New Zealand.

* *Campsicnemus magius* (Loew, 1845): 1 ♂, 1 ♀, Koruçuk, 13.VII., C.P. Distribution: Europe; USSR: SET, SMA (Tj, Tu), Sf. Helena Is.

* *Lamprochromus speciosus* (Loew, 1871): 2 ♀♀, Köyceğiz Gölü. 19.VII., C.P. Distribution: Europe: F, GR, R, BG; USSR: SMA (Tj), Canary Is.

Syntormon pallipes (Fabricius, 1794): 1 ♀, Koruçuk, 13.VII., G.C., 2 ♂♂, Kizildere, 15.VII., C.P.

* *Syntormon pumilus* (Meigen, 1824): 1 ♂, Koruçuk, 13.VII., C.P. Distribution: Europe; USSR: NET, CET, SET, TC, SMA; Asia: Afghanistan, North Africa: Morocco, Tunisia, Egypt; Canary Is.

* *Teuchophorus monacanthus* Loew, 1859: 11 ♂♂, 14 ♀♀, Köyceğiz Gölü. 19.VII., C.P. Distribution: Europe; USSR: NET, CET, SET. *New mention for Asia.*

* *Asyndetus latifrons* (Loew, 1857): 1 ♂, Koruçuk, 13.VII., C.P., 3 ♂♂, Kizildere, 15.VII., C.P., 5 ♂♂, 5 ♀♀, Ortaca – Dalaman Çayı river, 18.VII., C.P. Distribution: Europe; USSR: NET, CET, SET, WS (South Ural). *New mention for Asia.*

* *Chrysotus suavis* Loew, 1857: 4 ♀♀, Kizildere, 15.VII., C.P. Distribution: Europe; USSR: NET, CET, SET, TC, SMA; Asia: Mongolia; North Africa: Egypt, Canary Is., ? Afrotropical Region.

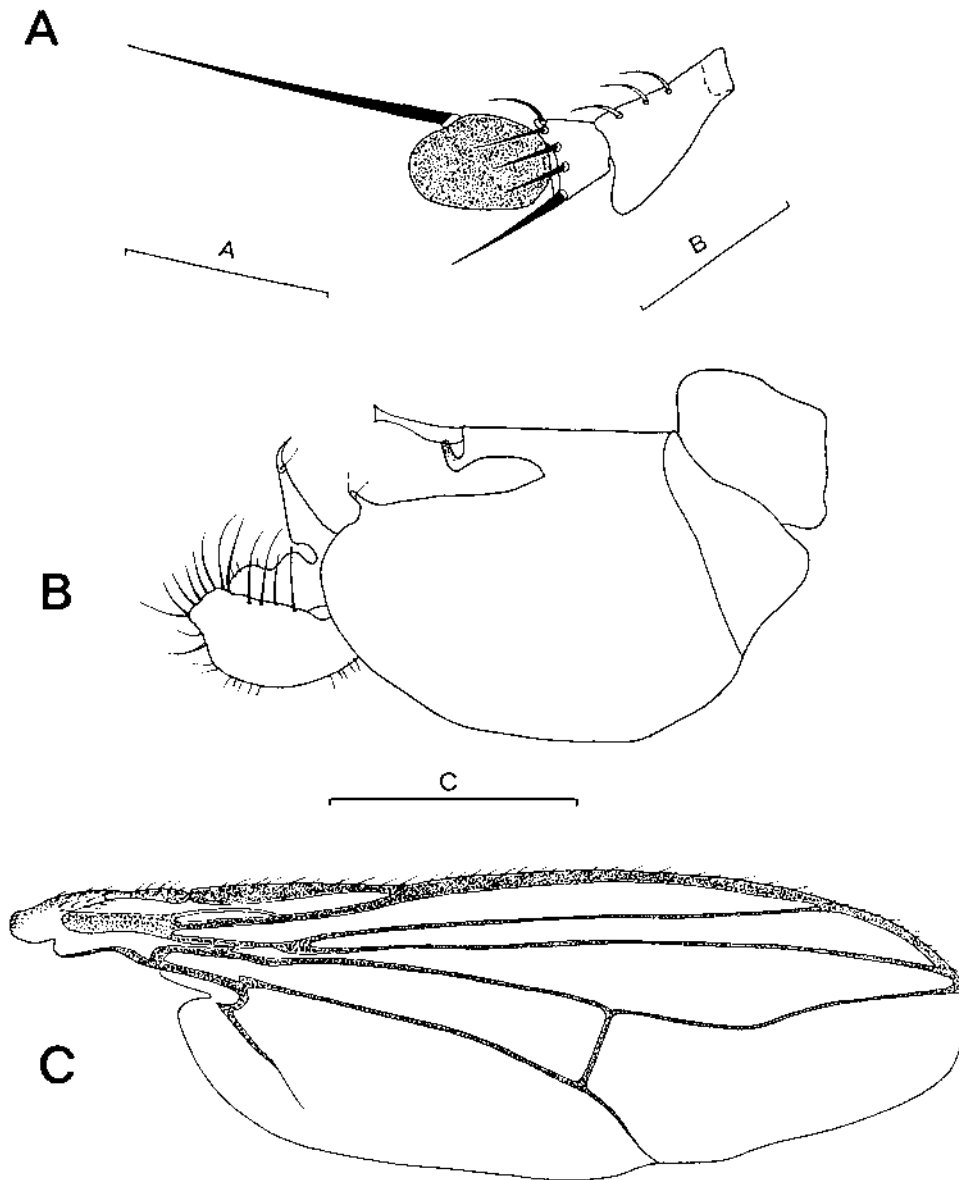


Fig. 3 – *Tachytrechus salinarius* Becker, ♂: A – antenna; B – genital capsule in lateral view; C – wing. Scales (in mm): A = 0.3; B = 0.5; C = 1.

Tachytrechus notatus (Stannius, 1831): 2 ♂♂, 5 ♀♀, Köyceğiz Gölü, 19.VII., C.P., G.C., 2 ♂♂, 2 ♀♀, Koruçuk, 13.VII., C.P.

* *Tachytrechus salinarius* Becker, 1902 (Fig. 3): 3 ♂♂, 2 ♀♀, Patara Beach, 18.VII., G.C. Distribution: North Africa: Egypt, Socotra Is; Oriental Region: Taiwan.

* *Dolichopus cilifemoratus* Macquart, 1827: 3 ♀♀, Köyceğiz Gölü, 19.VII., G.C. Distribution: Europe; USSR: NET, CET, SET, TC, KZ, WS, FE.

Dolichopus excisus Loew, 1859: 1 ♂♂, Köyceğiz Gölü, 19.VII., G.C., cf. aedeagus after Pârvu (1996).

* *Dolichopus immaculatus* Becker, 1909: 2 ♂♂, Kizildere, 15.VII., C.P. Distribution: Europe: F; Asia: Israel (Pârvu, 1996).

* *Dolichopus signifer* Haliday, 1838: 1 ♂♂, Pehlivan köyü, 28.VII., C.P. Distribution: Europe, USSR, CET, TC, SMA; North Africa: Morocco; Azores Is; Africa: Zair (Afrotropical region).

* *Macrololichopus diadema* Haliday, 1823: 1 ♂♂, 2 ♀♀, Köyceğiz Gölü, 19.VII., C.P., G.C. Distribution: Europe: USSR: CET, Kz; Asia: China.

* *Hercostomus convergens* (Loew, 1857): 1 ♀♀, Köyceğiz Gölü, 19.VII., C.P. Distribution: Europe: USSR: CET, SET, TC.

Poecilobothrus regalis (Meigen, 1824): 14 ♂♂, 12 ♀♀, Kizildere, 15.VII., G.C., 57 ♂♂, 95 ♀♀, Karamanlı Barajı, 15.VII., C.P.

Medetera diadema (Linnaeus, 1767): 1 ♂♂, Yenifoça, 23.VII., C.P.

Family Syrphidae

Episyrphus balteatus (De Geer, 1776): 1 ♀♀, Köyceğiz Gölü, 19.VII., C.P.

Eupoedes corollae (Fabricius, 1794): 1 ♀♀, Pehlivan köyü, 28.VII., G.C.

Sphaerophoria rueppelli (Wiedemann, 1820): 2 ♂♂, 1 ♀♀, Kizildere, 15.VII., C.P., 2 ♂♂, 1 ♀♀, Pehlivan köyü, 28.VII., C.P., 1 ♂♂, Kanlı Dere, 29.VII., G.C.

Sphaerophoria scripta (Linnaeus, 1758): 4 ♂♂, 1 ♀♀, Pamukkale, 12.VII., G.C., C.P., 2 ♂♂, 5 ♀♀, Kizildere, 15.VII., C.P., 2 ♂♂, 1 ♀♀, Köyceğiz Gölü, 19.VII., C.P., 2 ♀♀, Yenifoça, 23.VII., C.P., 19 ♂♂, 30 ♀♀, Pehlivan köyü, 28.VII., C.P., G.C.

Melanostoma mellinum (Linnaeus, 1758): 1 ♂♂, 2 ♀♀, Kizildere, 15.VII., C.P., 2 ♀♀, Köyceğiz Gölü, 19.VII., C.P., 2 ♂♂, 4 ♀♀, Pehlivan köyü, 28.VII., C.P., 3 ♂♂, 5 ♀♀, Kanlı Dere, 29.VII., C.P., G.C.

Ceriana vespiformis (Latreille, 1804): 1 ♂♂, Küçük kuyu, (10 km West), 10.VII., C.P. The second mention in Turkey.

Eristalinus (Lathyrrophthalmus) aeneus (Scopoli, 1763): 2 ♀♀, Kanlı Dere, 29.VII., C.P. Species known from a single site from the Mediterranean side of Turkey (Dirickx, 1994).

Eristalis (Eoseristalis) arbustorum (Linnaeus, 1758): 1 ♂♂, Küçük kuyu, (2 km West), 11.VII., G.C., 2 ♀♀, Köyceğiz Gölü, 19.VII., C.P., 11 ♂♂, 18 ♀♀, Pehlivan köyü, 23.VII., C.P., 3 ♂♂, 4 ♀♀, Kanlı Dere, 29.VII., C.P., G.C.

Eristalis (s. str.) tenax (Linnaeus, 1758): 1 ♀♀, Küçük kuyu, (2 km West), 11.VII., C.P., 1 ♀♀, Salda Gölü, 14.VII., C.P., 1 ♂♂, 1 ♀♀, Pehlivan köyü, 28.VII., C.P., 1 ♀♀, Kanlı Dere Koprusu, 29.VII., G.C.

Syrretta pipiens (Linnaeus, 1758): 1 ♂♂, Küçük kuyu, 11.VII., G.C., 3 ♂♂, Kizildere, 15.VII., C.P., 1 ♀♀, Patara (Ova Gölü), 17.VII., G.C., 10 ♂♂, 4 ♀♀, Köyceğiz Gölü, 19.VII., C.P., 2 ♂♂, Kanlı Dere Koprusu, 29.VII., C.P.

Family Otitidae

* *Herina lugubris* (Meigen, 1826) (Fig. 4 A): 1 ♂♂, Kizildere, 15.VII., C.P., 1 ♂♂, 3 ♀♀, Köyceğiz Gölü, 19.VII., G.C., 1 ♀♀, Pehlivan köyü, 28.VII., C.P. Distribution: „all parts of Europe, except northern territory”. *New mention for Asia.*

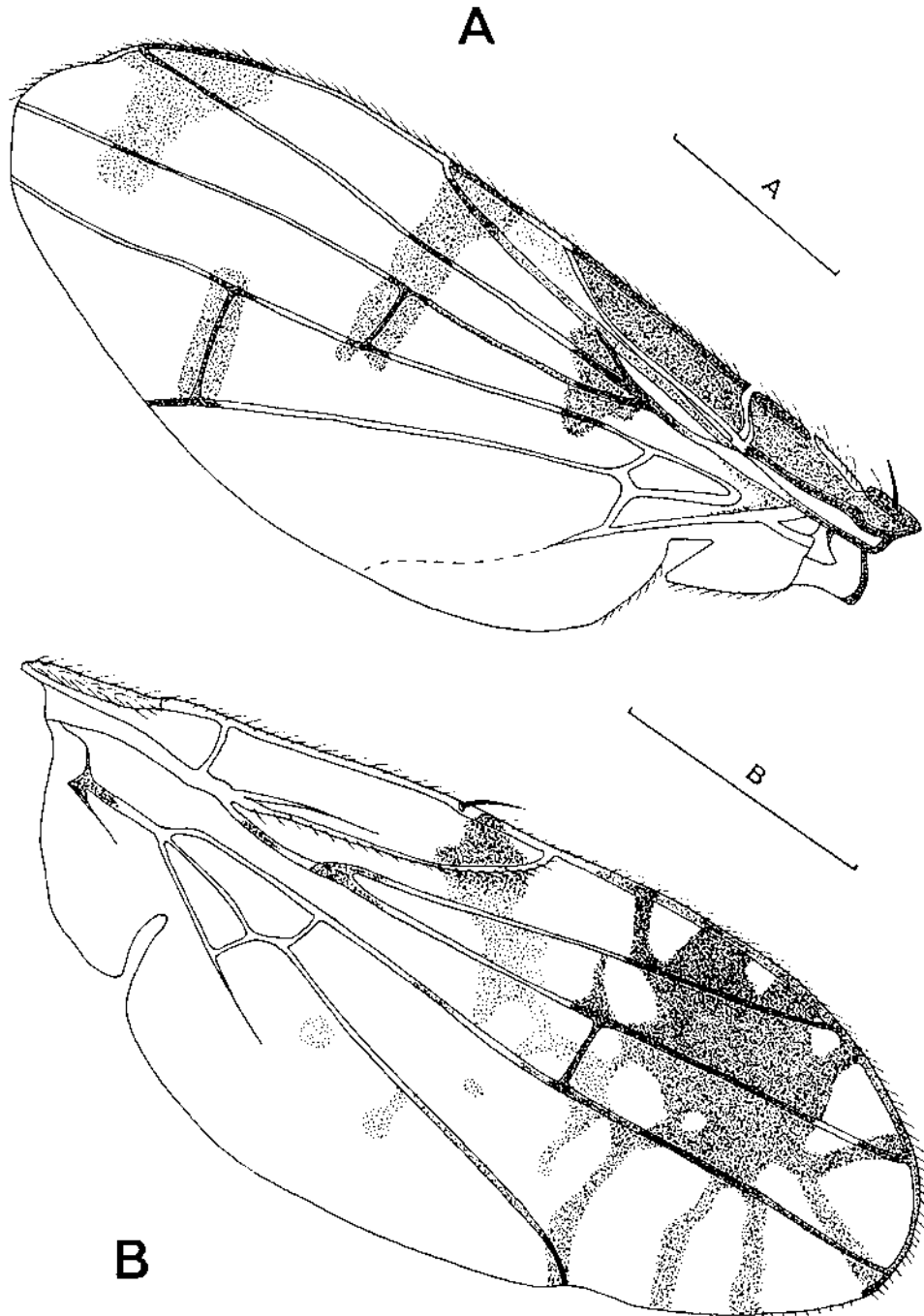


Fig. 4 – *Herina lugubris* (Meigen), ♂: A – wing; *Tephritis cometa* (Loew), ♀: B – wing. Scales: 1 mm.

Family Tephritidae

The species of this family were identified after Hendel (1927) and Drensky (1943).

Urophora quadrifasciata (Meigen, 1826): 1 ♀, Karamanli Baraji, 15.VII., C.P., 3 ♂♂, 4 ♀♀, Kanli Dere Koprusu, 29.VII., C.P.

* *Urophora solstitialis* (Linnaeus, 1758): 1 ♂, Salda Gölü, 14.VII., C.P. Distribution: Europe; USSR: NET, CET, SET, TC, KZ; Asia: ? Iran, North Africa.

* *Acanthiophilus helianthi* (Rossi, 1780): 1 ♀, Kizildere, 15.VII., C.P., 1 ♂, 1 ♀, Pehlivan köyü, 28.VII., G.C., 3 ♂♂, 3 ♀♀, Kanli Dere Koprusu, 29.VII., C.P. Distribution: Europe; USSR: TC, KZ, SMA; Asia: Afghanistan, Iran, Israel, Mongolia; North Africa; Madeira; Canary Is.; Africa, India, Thailand, W. Pakistan.

* *Campiglossa loewiana* (Hendel, 1927): 2 ♂♂, Pehlivan köyü, 28.VII., C.P., G.C. Distribution: Northern and Central Europe; USSR: NET, FE; Asia: Mongolia, China, Japan; North Africa: Egypt.

* *Campiglossa producta* (Loew, 1844) (= *tesselata* authors): 1 ♀, Pehlivan köyü, 28.VII., G.C. Distribution: Europe; USSR: CET, SET, TC; Asia: Israel, Iran, Afghanistan, Mongolia, China, North Africa; Canary Is.

* *Xyphosia miliaria balcanica* Drensky, 1943: 1 ♀, Pehlivan köyü, 28.VII., G.C. Distribution: BG.

Camaromyia bullans (Wiedemann, 1830): 1 ♂, Pehlivan köyü, 28.VII., G.C.

* *Tephritis cometa* (Loew, 1840) (Fig. 4 B): 3 ♀♀, Karamanli Baraji, 15.VII., G.C. Distribution: Europe; USSR: NET, CET, SET, TC, KZ, WS; Asia: Afghanistan.

* *Tephritis formosa* (Loew, 1844): 1 ♂, 1 ♀, Kizildere, 15.VII., C.P., Distribution: Central and southern Europe, USSR: SET, TC; Asia: Israel, Iran.

* *Tephritis poecilura* Loew, 1869: 1 ♀, Pehlivan köyü, 28.VII., C.P. Distribution: Europe; Asia: Israel, Afghanistan; North Africa.

Tephritis pulchra (Loew, 1844): 1 ♂, Kizildere, 15.VII., 3 ♀♀, Pehlivan köyü, 28.VII., C.P., 1 ♂, Kanli Dere Koprusu, 29.VII., C.P.

* *Tephritis recurrens* Loew, 1869 (Fig. 5): 1 ♀, Köyceğiz Gölü, 19.VII., C.P., 1 ♀, Pehlivan köyü, 28.VII., C.P. Distribution: Southern Europe; USSR: SET, TC, FE; Asia: China (Manchuria).

Trupanea amoena (Frauenfeld, 1857): 1 ♀, Pehlivan köyü, 28.VII., C.P., 1 ♂, Kanli Dere Koprusu, 29.VII., C.P.

Trupanea stellata (Fuesly, 1775): 1 ♂, Pehlivan köyü, 28.VII., C.P., 1 ♀, Kanli Dere Koprusu, 29.VII., C.P.

* *Chaetorellia jaceae* (Robineau – Desvoidy, 1830) (= *Orellia punctata* Loew): 4 ♂♂, Kanli Dere, 29.VII., C.P. Distribution: Europe; USSR: CET, SET, TC; Asia: Israel, Iran; North Africa: Egypt.

Family Sciomyzidae

Sepedon spegea (Fabricius, 1775): 1 ♂, Kanli Dere Koprusu, 29.VII., C.P.

Tetanocera ferruginea Fallén, 1820: 1 ♂, Koruçuk, 13.VII., C.P.

Family Sepsidae

* *Sepsis flavimana* Meigen, 1826: 1 ♀, Kizildere, 15.VII., C.P., 1 ♂, Pehlivan köyü, 28.VII., C.P. Distribution: IRE, GB, N, S, SF, PL.

Sepsis fulgens Hoffmannsegg in Meigen, 1826: 1 ♂, Koruçuk, 13.VII., C.P.

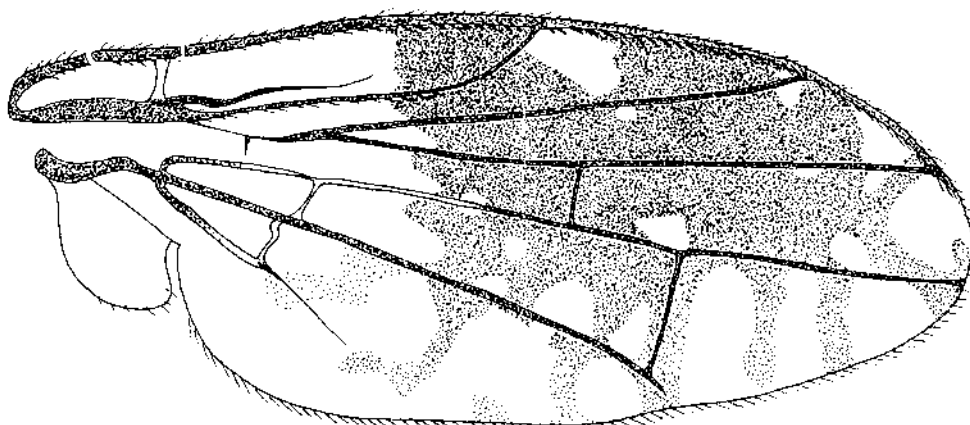


Fig. 5 – *Tephritis recurrentes* Loew, ♀: wing. Scale: 1 mm.

Sepsis punctum (Fabricius, 1794): 1 ♂, Koruçuk, 13.VII., C.P.

Sepsis violacea Meigen, 1826: 1 ♂, Koruçuk, 13.VII., C.P.

Family Opomyzidae

* *Geomyza tripunctata* Fallén, 1823: 1 ♂, Karaman Düzlerçami, 15.VII., C.P.
Distribution: „all parts of Europe”; USSR: NET, CET, SET. *New mention for Asia.*

Family Drosophilidae

* *Acletoxenus formosus* (Loew, 1846): 1 ♂, 1 ♀, Pamukkale, 13.VII., C.P.
Distribution: Europe; Asia: Israel, Canare Islands.

* *Phortica variegata* (Fallén, 1823): 1 ♀, Pehlivan köyü, 28.VII., C.P.
Distribution: Europe: ? A, ? AL, BG, CH, CS, ? D, ? DDR, ? E, ? F, GB, H, ? I, P, ? R, S, ? SF, ? YU; ? USSR: CET (Rs), WS, FE; ? Azores.

Family Ephydriidae

* *Psilopa compta* (Meigen, 1830): 1 ♂, 3 ♀♀, Köyceğiz Gölü, 19.VII., C.P.
Distribution: widespread Palearctic including USSR: EŞ; Asia: Afghanistan, N. E. Tibet; Canary Is; North America.

* *Trimerina madizans* (Fallén, 1813): 1 ♀, Koruçuk, 13.VII., C.P.
Distribution: North and Central Europe. *Genus and species at first mention in Asia.*

* *Notiphila nigricornis* Stenhammar, 1844: 1 ♂, Kizildere, 15.VII., C.P.
Distribution: widespread N. and C. Europe; Asia: China (N. E. Tibet).

* *Athyroglossa glabra* (Meigen, 1830): 1 ♂, Köyceğiz Gölü, 19.VII., C.P.
Distribution: N. W. C. And S. Europe. *New mention for Asia.*

* *Mosilus subsultans* (Fabricius, 1794): 1 ♂, Koruçuk, 13.VII., C.P.
Distribution: widespread Europe; Asia: C. Asia, Japan, Afghanistan, N. E. Tibet; Madeira, Canary Is, Azores; Formosa; North Africa.

Ochthera schembrii Rondani, 1847 (= *setigera* Czerny, 1909): 4 ♂♂, Koruçuk, 13.VII., C.P.

Hecamedoides costata (Loew, 1860): 1 ♀, Koruçuk, 13.VII., C.P.

* *Parydra cognata* Loew, 1860: 14 ♂♂, 4 ♀♀, Koruçuk, 13.VII., C.P., R.P.M. Distribution: Europe: I, E, H, BG. *New mention for Asia.*

* *Parydra nubecula* Becker, 1890: 4 ♂♂, Köyceğiz Gölü, 19.VII., C.P. Distribution: Europe: PL, D, H. *New mention for Asia.*

* *Parydra (Chaetoapnea) pusilla* Meigen, 1830: 1 ♂, Köyceğiz Gölü, 19.VII., C.P. Distribution: widespread Europe, Iceland; Canary Is. *New mention for Asia.*

* *Parydra quadripunctata* (Meigen, 1830): 2 ♂♂, Köyceğiz Gölü, 19.VII., C.P. Distribution: widespread Europe; Asia: Afghanistan, Japan.

* *Ephydra macellaria* Egger, 1862: 1 ♀, Koruçuk, 13.VII., C.P. Distribution: S. and W. Europe, Spain and England to Romania; North Africa: Algeria, Tunisia; Azores, Madeira, Canary Is; Cape Verde Is. *New mention for Asia.*

ACKNOWLEDGEMENTS

We thank to Mrs Petruța Dumitrică for tracing the drawings in China ink and to the anonymous reviewers for reading the manuscript.

DATE FAUNISTICE ASUPRA UNOR FAMILII DE DIPTERE (INSECTA: DIPTERA) DIN VESTUL TURCIEI

(Rezultatele Expediției „Taurus” 2005)

REZUMAT

Ca o continuare a preocupărilor primului autor de cercetare a faunei de diptere mediteraneene, în iulie 2005, la invitația Societății de explorări oceanografice și protecția mediului marin „Oceanic Club” din Constanța, condusă de al doilea autor, a fost efectuată o expediție de colectări în partea mediteraneeană a peninsulei Anatoalice. O parte din materialul de diptere a fost determinat și se prezintă în această lucrare. El cuprinde 105 specii din 14 familii. 59 de specii nu sunt citate pentru Turcia în cele 13 volume din relativ recentul „Catalog al Dipterelor Palearctice” (apărut după 1980); de aceea, acest ultim lot de specii sunt fie noi semnalări fie completează date cu totul insuficiente, pentru o serie de specii.

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Received: March 14, 2006

Accepted: May 23, 2006

Corneliu Pârvu

Muzeul Național de Istorie Naturală “Grigore Antipa”

Șos. Kiseleff 1, 011341 București 2, România

e-mail: cparvu@antipa.ro

Răzvan Popescu-Mirceni

Societatea de Explorări Oceanografice și Protecție a Mediului Marin „Oceanic Club”

Str. Decebal 41, Constanța, România

e-mail: club@oceanic.ro