



# *Entomofauna*

ZEITSCHRIFT FÜR ENTOMOLOGIE

Band 16, Heft 7: 137-188

ISSN 0250-4413

Ansfelden, 1. Mai 1995

## **A catalogue of the Turkish Ichneumonidae (Hymenoptera)**

**JANKO KOLAROV**

### **Abstract**

The work refers all hitherto known records of the Turkish species of the family Ichneumonidae (Hymenoptera). The general distribution of each species is added.

### **Zusammenfassung**

Dieser Katalog referiert die bisher bekannten Funde aller aus der Türkei bekannten Arten der Familie Ichneumonidae (Hymenoptera). Die Gesamtverbreitung jeder Art ist angefügt.

### **Introduction**

The Ichneumonidae fauna of Turkey has not been an object of special and systematic investigations, although it is one of the most interesting in West Palearctic region. The absence of a catalogue of Ichneumonidae as a whole for West Palearctic hampers strongly the elaboration of a regional catalogue like this one but it significantly increases its value especially to the future investigators of the Turkish fauna. The difficulty results also from the fact that in a number of monographic works the general distribution of the species is given more generally but not for each country separately. In the well known and very valuable bibliographic monograph of SACHTLEBEN (1962) there are given only 5 titles on the Turkish fauna by being published over 25 by now, concerning Ichneumonidae of Turkey. Another difficulty results from the fact that the family has been recently reclassified and has undergone severe nomenclatural changes. Difficulties are to be met even on genus level, especially in subfamily Ichneumoninae, where there is no catalogue of the genera. In this respect the works of HEINRICH (1978), DILLER (1981) and HILPERT (1992) are much worth.

In many monographic taxonomic investigations applied entomological studies are often omitted. The list of entomophages of Turkey, published by ONCÜER (1991) was here of true merit.

In working out the present catalogue the whole available bibliography was surveyed including many monographic works of SCHMIEDEKNECHT, MEYER, TOWNES, AUBERT, KASPARYAN and others. Part of the included species was examined and published by the author (KOLAROV 1986-1994).

Up to now 383 Ichneumonidae species and subspecies from the turkish fauna are known. In the present catalogue there are given for each species: the name valid at present; the name of the first description; the name of which the species was reported by an author; the place and time of catch; the plant on which the insect has been caught or its host from which it has been reared and the altitude above sea level, if it is known. At the end the general distribution is summarized according to the existing bibliographic data.

#### Acknowledgements

I thank most warmly Dr. Rolf HINZ (Einbeck), Dr. Klaus HORSTMANN (Würzburg) and Mrs. Uta KÖNIG-KOSTADINOW (Herne) all from Germany for their assistance in providing me with some reprints by old authors which were inaccessible to me.

#### Subfamily Pimplinae

##### *Exeristes roborator* (FABRICIUS, 1793)

*Ichneumon roborator* FABRICIUS, 1793. Ent. Syst. 2: 170.

*Pimpla roborator*: KOHL 1905: 226, Erdschias, Illaniy Dag, 1400 m, July; FAHRINGER 1922: 160, Göck Dag, July.

*Ephialtes roborator*: SEDIVY 1959: 107, Anatolia, Mogan gölü, July, Gyaur dag, August; ONCÜER 1991: 231.

*Exeristes roborator*: Anonymous 1971: 64, Ankara, ex *Aporia* sp. and *Pectinophora gossypiella* SOUND on *Gossypium* sp.; TUATAY et al. 1972: 119; KAVUT et al. 1974: 25, Bornova, on *Empoasca* sp. and *Gossypium* sp.; SOYDANBAY 1978: 69, Ankara (Baglum), July; ONCÜER 1991: 231.

*Exeristes roborator* f. *schmiedeknechti* KRIECHBAUMER: ÖZDEMİR & KILINCER 1990: 310, ex *Homoesoma nebulella* HB.

Distribution: Palearctic region.

##### *Liotryphon caudatus* (RATZEBURG, 1848)

*Pimpla caudatus* RATZEBURG, 1848. Ichneum. Forstins 2: 92.

*Liotryphon caudatus*: ONCÜER 1991: 234.

Distribution: Europe, Turkey, Caucasus, Middle Asia and Mongolia.

##### *Scambus (Endromopoda) detritus* (HOLMGREN, 1960)

*Pimpla detritus* HOLMGREN, 1860. Svenska Vet. Acad. Handl. 3: 23.

*Scambus (Endromopoda) detritus*: KOLAROV 1987: 12, Sunande.

*Scambus detritus*: ÖZDEMİR & KILINCER 1990: 311; ONCÜER 1991: 237.

Distribution: Holarctic region.

***Scambus (Atelophadnus) rufator* AUBERT, 1963**

*Scambus arundinator* auct. f. *rufator* AUBERT, 1963. Bull. Soc. ent. France 68: 94.

*Scambus rufator*: AUBERT 1969: 35.

*Scambus (Atelophadnus) rufator*: KASPARYAN 1981: 49.

Distribution: France, Yugoslavia, Bulgaria, Turkey and South european part of Russia.

***Scambus (Scambus) brevicornis* (GRAVENHORST, 1829)**

*Pimpla brevicornis* GRAVENHORST, 1829. Ichn. eur. 3: 211.

*Scambus (Scambus) brevicornis*: KOLAROV 1987: 12, Istanbul, May.

*Scambus brevicornis*: ÖZDEMİR & KILINCER 1990: 311, ex *Anthonomus pomorum* L.

Distribution: Europe, Tunisia, Turkey, Mongolia and North America.

***Scambus (Scambus) calobatus* (GRAVENHORST, 1829)**

*Pimpla calobatus* GRAVENHORST, 1829. Ichn. eur. 3: 178.

*Scambus calobata*: ÖZDEMİR & KILINCER 1990: 311, ex *Tortrix viridana* L.

Distribution: Tunisia, Middle, South and East Europe, Turkey and Ural.

***Scambus (Scambus) elegans* (WOLDSTEDT, 1877)**

*Troctocerus elegans* WOLDSTEDT, 1877. Bull. Acad. St. Petersburg 22: 296.

? *Ephialtes* sp: ALTAY 1966: 60 (according SOYDANBAY 1978), Bursa, ex *Laspeyresia molesta* BUSCK. (Lepidoptera) on *Prunus persica* S. & Z; SOYDANBAY 1978: 69, the same data.

*Ephialtes* (= *Scambus*) sp: ÇAKILLAR 1959: 100, North-Western Turkey, ex *Prays oleae* BERN. (Lepidoptera) on *Olea europea* L; SOYDANBAY 1978: 69, the same data.

*Scambus elegans*: ONCÜER 1991: 237, Izmir, İlk Kayıt, ex *Prays oleae* BERN. on *Olea europea* L.

Distribution: South Europe, Turkey, Crimea and Caucasus.

***Scambus (Scambus) pomorum* (RATZEBURG, 1848)**

*Pimpla pomorum* RATZEBURG, 1848. Ichneum. Forstins. 2: 96.

*Scambus pomorum*: ONUCAR & ZUMREOĞLU 1985: 146, Izmir, İlk kayıt, ex *Anthonomus pomorum* L. on *Malus communis* L; ONCÜER 1991: 237.

Distribution: Europe, Turkey and Caucasus.

***Dolichomitus mesocentrus* (GRAVENHORST, 1829)**

*Ephialtes mesocentrus* GRAVENHORST, 1829. Ichn. eur. 3: 249.

*Ephialtes mesocentrus*: FAHRINGER 1922: 161, Belgrader Wald, July; Bithyn. Olymp, 1300 m, August.

Distribution: Palearctic region.

***Dolichomitus messor* (GRAVENHORST, 1829)**

*Ephialtes messor* GRAVENHORST, 1829. Ichn. eur. 3: 232.

*Dolichomitus messor*: KOLAROV 1987: 13, Istanbul; ONCÜER, 1991: 231.

Distribution: Holarctic region.

***Dolichomitus sericeus* (HARTIG, 1847)**

*Closterocerus sericeus* HARTIG, 1847. Ber. naturw. Ver. Herz. p.18.

*Closterocerus sericeus*: ÖZDEMİR & KILINCER 1990: 311, ex *Paranthrene tabaniformis* ROOT., Ankara and Kirsehir.

Distribution: Holarctic region.

***Dolichomitus subglabratus* (PERKINS, 1943).**

*Ephialtes subglabratus* PERKINS, 1943. Ann. Mag. nat. Hist. 64: 258.

*Ephialtes subglabratus*: ALTAY 1966 (according SOYDANBAY 1978: 69), Bursa, ex *Laspeyresia molesta* BUSCK. (Lepidoptera) on *Prunus persicae* S. & Z; SOYDANBAY 1978: 69.

Distribution: Europe and Turkey.

***Acropimpla didyma* (GRAVENHORST, 1829)**

*Pimpla didyma* GRAVENHORST, 1829. Ichn. eur. 3: 178.

*Pimpla didyma*: ISIK et al. 1987: 95, ex *Gypsonoma dealbana* FRÖHL. on *Coryllus avellana* L., Eastern Black Sea Reg.; ONCÜER 1991: 236.

Distribution: Europe, Turkey and Eastern Asia.

***Tromatobia variabilis* (HOLMGREN, 1856)**

*Pimpla variabilis* HOLMGREN, 1856. K. Svensk. Vet. Acad. Handl. 1854: 88.

*Tromatobia variabilis*: SEDIVY 1959: 108, Ankara, July; ONCÜER 1991: 238.

*Tromatobia abdominalis* BRULLE, 1846: AUBERT 1969: 60.

Distribution: Holarctic region.

***Zaglyptus varipes* (GRAVENHORST, 1829).**

*Polysphincta varipes* GRAVENHORST, 1829. Ichn. eur. 3: 117.

*Zaglyptus varipes*: ÖZDEMİR & KILINCER 1990: 311, Ankara.

Distribution: Holarctic region.

***Sinarachna anomala* (HOLMGREN, 1860)**

*Polysphincta anomala* HOLMGREN, 1860. Svensk. Vet. Acad. Handl. 3: 34.

*Sinarachna anomala*: CONSTANTINEANU & PISICA 1977: 110, Asia minor.

Distribution: Holarctic region.

***Zatypota bohemani* (HOLMGREN, 1854)**

*Polysphincta bohemani* HOLMGREN, 1854. K. Svensk. Vet. Acad. Handl. 42: 54.

*Zatypota bohemani*: KOLAROV 1987: 13, Istanbul, May; ONCÜER 1991: 238.

Distribution: Europe, Turkey, Armenia, Alma Ata region, Tadzikistan and North America.

***Itopectis alternans* (GRAVENHORST, 1829)**

*Pimpla alternans* GRAVENHORST, 1829. Ichn. eur. 3: 201.

*Itopectis alternans*: TUATAY et al. 1972: 119, Ordu, May, ex *Gypsonoma dealbana* FRÖHL. (Lepidoptera) on *Coryllus avellana* L; SOYDANBAY, 1978: 69; ÖZDEMİR & KILINCER 1990: 312, ex *Tortrix viridana* L; ONCÜER 1991: 234.

Distribution: Europe, Turkey, Caucasus and Altay.

***Itopectis maculator* (FABRICIUS, 1775)**

*Ichneumon maculator* FABRICIUS, 1775. Syst. Ent.: 337.

*Itopectis maculator*: IREN 1952: 17, Ankara, ex *Yponomeuta* sp. on *Malus communis* L; IREN 1960: 300, Ankara, ex *Yponomeuta malinellus* ZELL., *Y. padellus* L. and *Y. rorellus* HB. (Lepidoptera) on *Salix* sp; SOYDANBAY 1978: 69; ULU 1983: 165, Izmir, Manisa, ex *Archips rosana* L; ÖZDEMİR & KILINCER 1990: 312, Ankara, Eskisehir, Kirsehir, Nevsehir, Vozgat, ex *Tortrix viridana* L., *Archips* sp., *Yponomeuta malinellus* ZELL., *Y. rorellus* HB., *Y. padellus* L. and *Hypera variabilis* HERSEBT; ONCÜER 1991: 234.

Distribution: Europe, Turkey. North Africa, Canarian island and Caucasus.

***Itopectis tunetana* (SCHMIEDEKNECHT, 1914)**

*Pimpla tunetana* SCHMIEDEKNECHT, 1914. Ztschr. angew. Ent. 1: 428.

*Itopectis tunetana*: AUBERT 1969: 83; KASPARYAN 1973: 677; KASPARYAN 1974: 255; CONSTANTINEANU & PISICA 1977: 37; KOLAROV 1987: 14, Istanbul, May; ONCÜER 1991: 234.

*Itopectis tunetana* ssp. *europator* AUBERT: ÖZDEMİR & KILINCER 1990: 312, Ankara, Konia, Nevsehir, ex *Yponomeuta malinaellus* ZELL.; *Y. padellus* L. & *Y. rorellus* HB.

Distribution: Europe, North Africa, Turkey, Caucasus, Kazakhstan, Middle Asia, Altay, Tuva, Mongolia and Iran.

***Itopectis viduata* (GRAVENHORST, 1829)**

*Pimpla viduata* GRAVENHORST, 1829. Ichn. eur. 3: 214.

*Itopectis viduata*: TUATAY et al. 1972: 119, Erzurum; ÖZDENMİR & KILINCER 1990: 312; ONCÜER 1991: 234.

Distribution: Holarctic region.

***Apechthis compunctor compunctor* (LINNAEUS, 1758)**

*Ichneumon compunctor* LINNAEUS, 1758. Syst. nat. 10: 564.

*Pimpla brassicariae* PODA, 1761: FAHRINGER 1922: 160, Bithyn. Olymp, ex *Aporia crataegi* L., coll. June 1913, emerged April 1914.

Distribution: Europe, Turkey and Russia to Baikal lake.

***Apechthis quadridentata* (THOMSON, 1877)**

*Pimpla quadridentata* THOMSON, 1877. Opusc. ent. 8: 749.

*Pimpla quadridentata*: FAHRINGER 1921: 154, Chanziri, May.

Distribution: Palearctic region.

***Pimpla hypochondriaca* (RETZIUS, 1783)**

*Ichneumon hypochondriacus* RETZIUS, 1783. Gen. sp. ins.: 67.

*Pimpla instigator* (FABRICIUS, 1793): FAHRINGER 1921: 154, Beilan. V. and Kaipak; 1922: 160, Göck Dag, Asia Minor, ex *Malacosoma neustria* L.; Bulghar Dag, 800 m, June, ex *Lymantria dispar* L.; SCHIMITSCHEK 1944: 277; ALTAY 1966 (according SOYDANBAY 1978: 69), Bursa, ex *Laspeiresia molesta* BUSCK. on *Prunus persica* S. & Z.; SOYDANBAY 1978: 69; UZUN 1987: 242, ex *Cydia molesta* BUSCK., Izmir; ÖZDEMİR & KILINCER 1990: 313, Ankara, Nevsehir, ex *Mamestra brassicae* L. and *Aporia crataegi* L.; ONCÜER 1991: 236.

*Pimpla processonae*: ÖZDEMİR & KILINCER 1990: 313, Ankara, ex *Aporia crataegi* L.

Distribution: Palearctic region.

***Pimpla illecebrator* (VILLERS, 1799)**

*Ichneumon illecebrator* VILLERS, 1799. Caroli Linn. Ent. 3: 194.

*Pimpla illecebrator*: FAHRINGER 1922: 160, Bulghar Dag, 800 m, June, on *Abies cilicia* ANT & KY; SEDIVY 1959: 107, Edirne, June; AUBERT 1969: 92; TUATAY et al. 1972: 119, Nigde; ÖZDEMİR & KILINCER 1990: 312, Ankara, ex *Malacosoma neustria* L. and *Aporia crataegi* L.; ONCÜER 1991: 236.

Distribution: Middle and South Europe, Turkey, Caucasus, Kazakhstan and Middle Asia.

***Pimpla spuria* GRAVENHORST, 1829**

*Pimpla spuria* GRAVENHORST, 1829. Ichn. eur. 3: 179.

*Pimpla spuria*: FAHRINGER 1922: 160, Asia minor, Gebse, June, on *Scolimus hispanicus* L.; ÖZDEMİR 1981: 86, Karadeniz bolgesi (Black Sea Coast), ex *Ostrinia nubilalis* HB. on *Zea mays* L.; ÖZDEMİR & KILINCER 1990: 313, Ankara, ex *Lobesia botrana* DEN. & SCHIFF.; ONCÜER 1991: 236.

Distribution: Europe, Turkey, Caucasus, Kazakhstan, Middle Asia, Altay and Iran.

***Pimpla turionellae* (LINNAEUS, 1758)**

*Ichneumon turionellae* LINNAEUS, 1758. Syst. Nat., Ed. 10: 564.

*Pimpla examinador* FABRICIUS, 1804: FAHRINGER 1922: 160, Bithyn. Olymp, August; Belgrader Wald, August, on *Heracleum platytenium* L. and *H. spondylum* L.

*Pimpla turionellae*: İREN 1952: 17, ex *Yponomeuta* sp. on *Prunus domestica* L., *P. armeniaca* L. and *Malus communis* L.; İREN 1960: 141, Ankara, ex *Yponomeuta malinellus* ZELL., *Y. padellus* L. and *Y. rorellus* HB. on *Salix* sp.; SOYDANBAY 1978: 70; ÖZDEMİR & KILINCER 1990: 313, Ankara, Eskisehir, Konya, Nevsehir, ex *Y. malinellus* ZELL., *Y. padellus* L., *Y. rorellus* HB.; ONCÜER 1991: 236.

Distribution: Palearctic region.

***Theronia atalantae atalantae* (PODA, 1761)**

*Ichneumon atalantae* PODA, 1761. Ins. Mus. Graec. 8: 106.

*Theronia atalantae*: FAHRINGER 1922: 161., Bulghar Dag, June, ex *Malacosoma neustria* L. on *Quercus lanuginosa* LAM.; SCHIMITSCHEK 1944: 277; Anonymous, 1971: 64; TUATAY et al. 1972: 119, Ankara, Baglum, June, ex *Aporia* sp; ONCÜER 1991:238.

Distribution: Europe, Turkey, Caucasus and Turkmenia.

***Perithous divinator* (ROSSIUS, 1790)**

*Ichneumon divinator* ROSSIIUS, 1790. Fauna Etrusca 2: 48.

*Perithous (Perithous) divinator*: KOLAROV 1987: 15, 40 km South of Tekirdag, May.

*Perithous divinator*: ONCÜER 1991: 236.

Distribution: Holarctic region.

***Perithous scurra* (PANZER, 1804)**

*Ichneumon scurra* PANZER, 1804. Faun. Insect Germ. 92: 6.

*Perithous meditor* FABRICIUS, 1804: ÖZDEMİR & KILINCER 1990: 313, Ankara.

Distribution: Holarctic region.

***Delomerista pfankuchi* BRAUNS, 1905**

*Delomerista pfankuchi* BRAUNS, 1905. Ztschr. Syst. Hym. Dipt. 5: 131.

*Delomerista pfankuchi*: JUSSILA 1989: 76.

*Troctocerus unicolor* HEDWIG, 1959. Nachr. Naturw. Mus. Asch. 62: 96, May, ex *Talaeoporia tubulosa* RTZ. (Psychidae) or *Diplodema marginepunctella* STEPH. (Tineidae), May.

Distribution: Europe, Turkey and Eastern Asia.

***Neoxorides nitens* (GRAVENHORST, 1829)**

*Xorides nitens* GRAVENHORST, 1829. Ichn. eur. 3: 847.

*Xorides nitens*: FAHRINGER 1922: 160, Polnisches Tschifflik, on *Quercus coccifera* L; SCHIMITSCHEK 1944: 148, Belgrader Wald, July, ex *Gasterocerus depressirostris* F. and *Clytus* sp. (Col. Cerambicidae) on *Quercus coccifera* L.

*Neoxorides nitens grava* (?): SEKENDIZ 1987: 215, Eastern Black Sea Region, ex *Pityokteines curvidens* GERM; ONCÜER 1991: 235.

Distribution: Middle and South Europe, Turkey and Ukraina.

***Eugalta cinctipes* (KRIECHBAUMER, 1899)**

*Achorocephalus cinctipes* KRIECHBAUMER, 1899. Ent. Nachr. 25: 296

*Achorocephalus cinctipes*: MEYER 1934: 258, Asia Minor; AUBERT 1969: 133; ONCÜER 1991: 227.

Distribution: Crimea and Turkey.

***Rhyssa persuasoria* (LINNAEUS, 1758)**

*Ichneumon persuasorius* LINNAEUS, 1758. Syst. nat. 10: 562.

*Rhyssa persuasoria*: FAHRINGER 1921: 154, Kosul Dag, June; 1922: 161, Polnisches Tschifflik, July; Bithynischer Olymp, 1300 m, August, ex *Sirex gigas* L; SCHIMITSCHEK 1944: 277, Ulu Dag, Asia Minor, ex *Sirex gigas* (Hym., Siricidae).

Distribution: Holarctic region.

**Subfamily Tryphoninae**

***Netelia (Paropheltes) beschkovi* KOLAROV, 1994**

*Netelia (Paropheltes) beschkovi* KOLAROV, 1994. Entomofauna 15 (9): 94, Karain, Goreme, July, light trap.

Distribution: Turkey.

***Netelia (Toxochiloides) krishtali* TOLKANITZ, 1971**

*Netelia krishtali* TOLKANITZ, 1971. Zool. Journ. 8: 1257.

*Netelia (Toxochiloides) krishtali*: KOLAROV 1994: 95, Güllü Pinar, Denizli, 1200 m, July.

Distribution: Eastern Europe, Caucasus, Turkey, Syria and Iran.

***Netelia (Netelia) fuscicornis* (HOLMGREN, 1860)**

*Paniscus fuscicornis* HOLMGREN, 1860. Svenska Vet. Akad. Handl. 2: 32.

*Netelia gracilipes* THOMSON, 1888: KOHL 1905: 223, Erdschias, May; Kayseri, 1050 m.

*Netelia (Netelia) fuscicornis*: DELRIO 1975: 52, Van, Meram Konya; TOLKANITZ 1981: 108;

KOLAROV 1987: 15, Asia minor, Hatay, May; 1994: 95, Karain, July.

*Netelia fuscicornis*: ONCÜER 1991: 235.

Distribution: Palearctic region.

***Netelia (Netelia) testacea* (GRAVENHORST, 1829)**

*Paniscus testaceus* GRAVENHORST, 1829. Ichn. eur. 3: 626.

*Paniscus testaceus*: SZEPLIGETI 1911: 74, Asia minor; FAHRINGER 1922: 158, Asia minor, Polnisches Tschiflik, June; Bithin. Olymp, ex *Polygonia egea* CR. and *Acronicta rumicis* L., coll. August, emerged September; SCHIMITSCHEK 1944: 277, Asia minor, Podoneskoy, Ulu dagh, ex the same hosts.

*Netelia opacula* THOMSON, 1888: SEDIVY 1959: 108, Anatolia, Gyaur dag, August; ONCÜER 1991: 235, Adana.

*Netelia (Netelia) testacea*: TOWNES et al. 1965: 94, Asia minor; TOLKANITZ 1981: 117; KOLAROV 1994: 95, Bergama, July.

*Netelia ocellaris* f. *ambiguator* AUBERT, 1968: 99, Dalman Mugla, ex *Pectinophora gossypiella* SAUND.

*Netelia melanurus* THOMSON, 1888: DELRIO 1975: 54-55.

*Netelia (Netelia) fuscicarpus* KOKUJEV, 1899: DELRIO 1975: 50, Mugla.

Distribution: Palearctic region and India.

***Netelia (Netelia) valvator* AUBERT, 1968**

*Netelia ocellaris* THS. *valvator* AUBERT, 1968. Bull. Soc. ent. Mulh., nov.-dec: 100-101.

*Netelia (Netelia) valvator*: KOLAROV 1994: 95, Bergama, July.

Distribution: Palearctic region.

***Netelia (Bessobates) latungula* (THOMSON, 1888)**

*Parabates latungula* THOMSON, 1888. Opusc. ent. 12: 1196.

*Parabates latungula*: FAHRINGER 1922: 158, Gebse am Golf von Ismid, Asia minor, Göck Dag, July, on *Achillea micrantha* M. & B.

Distribution: Holarctic region.

***Netelia (Bessobates) virgata* (FOURCROY, 1785)**

*Ichneumon virgatus* FOURCROY, 1785. Ent. paris ...: 401.

*Parabates virgatus*: FAHRINGER 1922: 158, Göck Dag, July, on *Hypericum rhodopaeum* FRIV.

Distribution: Palearctic region and India.

***Netelia* sp.**

*Netelia* sp: KOLAROV 1987: 16, Asia Minor, Hatay.

***Erromenus melanotus* (GRAVENHORST, 1829)**

*Tryphon melanotus* GRAVENHORST, 1829. Ichn. eur. 2: 269.

*Erromenus cavigena* THOMSON, 1883: KOHL 1905: 226, Erdschias, Illany Dag, 1400 m, July.

Distribution: Palearctic region.

***Cosmoconus elongator* (FABRICIUS, 1775)**

*Ichneumon elongator* FABRICIUS, 1775. Syst. ent.: 337.

*Cosmoconus elongator*: FAHRINGER 1921: 154, Dortjol, July; 1922: 159, Bulghar Dag, 2100 m, June, on *Chrysanthemum argentatum* WILLD.

Distribution: Middle and Eastern Europe, Turkey, Caucasus, Alma Ata, Altay and Irkutsk.

***Tryphon (Tryphon) rutilator* (LINNAEUS, 1761)**

*Ichneumon rutilator* LINNAEUS, 1761. Fauna Svecia 2: 403.

*Tryphon rutilator*: FAHRINGER 1922: 159, Polnisches Tschiflik, July, on *Daucus carota* L.; Bulghar Dag, 1600 m, June.

Distribution: Europe, Turkey, Caucasus and North Iran.

***Tryphon (Tryphon) signator* GRAVENHORST, 1829**

*Tryphon signator* GRAVENHORST, 1829. Ichn. eur. 2: 301.

*Tryphon (Tryphon) signator*: KOLAROV 1987: 16, Istanbul; ONCÜER 1991: 238.

Distribution: Europe, Caucasus, South Siberia and Yakutia.

***Tryphon (Tryphon) trochanteratus* HOLMGREN, 1855**

*Tryphon trochanteratus* HOLMGREN, 1855. Svensk. Vet. Akad. Handl. 1: 187.

*Tryphon (Tryphon) trochanteratus*: KOLAROV 1987: 16, Istanbul; ONCÜER 1991: 238.

Distribution: Europe, Georgia, North Kazakhstan, South Siberia to Irkutsk.

***Tryphon (Tryphon) zavreli* GREGOR, 1939**

*Tryphon zavreli* GREGOR, 1939. Fol. Ent. 2: 21.

*Tryphon (Tryphon) zavreli*: KOLAROV 1987: 17, Ankara, May; ONCÜER 1991: 238.

Distribution: Hungary, Bulgaria, Eastern Europe, Turkey, Caucasus and Kazakhstan.

***Exyston montanus* KERRICH, 1975**

*Exyston montanus* KERRICH, 1975. Polsk. Pism. ent. 45: 177, Erzurum, 1700 m, 20 km of Ispir-Ikizdere Road, June.

Distribution: Spain, Switzerland, Turkey, Caucasus and Kirgizia.

***Exyston subnitidus* (GRAVENHORST, 1829)**

*Tryphon subnitidus* GRAVENHORST, 1829. Ichn. eur. 2: 144- 145.

*Exyston phaeorrhaeus* HALIDAY, 1838: KERRICH 1952: 380.

Distribution: Europe, Turkey and Dagestan.

## Subfamily Xoridinae

***Odontocolon dentipes* (GMELIN, 1790)**

*Ichneumon dentipes* GMELIN, 1790. Syst. nat. 12: 2719.

*Odontomerus pinetorum*: THOMSON 1877; FAHRINGER 1922: 160, Göck Dag, July, Bithyn. Olymp, August, on *Pinus brutia* L.

Distribution: Europe, Turkey, North Kazakhstan and Kamtschatka.

***Xorides (Gonophonus) annulator* (FABRICIUS, 1804)**

*Cryptus annulator* FABRICIUS, 1804. Syst. Piez.: 79.

*Xorides annulator*: CLEMENT 1938: 529, Bosphorus; AUBERT 1969: 124.

Distribution: Middle and South Europe and Crimea.

***Xorides (Moerophora) rufipes* (GRAVENHORST, 1829)**

*Xylonomus rufipes* GRAVENHORST, 1829. Ichn. eur. 3: 823.

*Xylonomus rufipes*: SEDIVY 1959: 102, Asia Minor.

*Xorides rufipes*: AUBERT 1969: 131.



*Xorides (Xorides) rufipes*: KASPARYAN 1981: 174.  
Distribution: Middle and South Europe, Turkey and Caucasus.

***Xorides (Xorides) filiformis* (GRAVENHORST, 1829)**

*Xylonomus filiformis* GRAVENHORST, 1829. Ichn. eur. 3: 830.  
*Xylonomus filiformis*: FAHRINGER 1922: 160, Bithynischer Olymp, 800 m, August, ex pupa  
*Callidium sanguineum* L. on *Quercus lanuginosa* LAM.; SCHIMITSCHEK 1944: 275,  
Belgrader Wald bei Bahcekoy, ex *Clytus* sp. (Cerambicidae).  
*Sichelia filiformis*: SEDIVY 1959: 104, Asia Minor.  
*Xorides filiformis*: AUBERT 1969: 127, Asia minor.  
*Xorides (Xorides) filiformis*: KASPARYAN 1981: 174.  
Distribution: Middle and South East Europe and Turkey.

***Xorides (Xorides) fuligator* (THUNBERG, 1822)**

*Ichneumon fuligator* THUNBERG, 1822. Mem. Acad. Sci. St. Petersburg. 8: 258.  
*Xorides fuligator*: SEDIVY 1959: 101, Asia Minor; AUBERT, 1969: 129; CONSTANTINEANU &  
PISICA 1977: 245.  
Distribution: West Europe, Bulgaria, Turkey and Dagestan.

***Xorides (Xorides) gracilicornis* (GRAVENHORST, 1829)**

*Xylonomus gracilicornis* GRAVENHORST, 1829. Ichn. eur. 3: 832.  
*Xorides gracilicornis*: CLEMENT 1938: 529; AUBERT 1969: 128; KOLAROV 1984: 56; ONCÜER  
1991: 238.  
*Xorides (Xorides) gracilicornis*: KASPARYAN 1981: 173.  
Distribution: Middle and South Europe and Turkey.

***Xorides (Xorides) gravenhorstii* (CURTIS, 1831)**

*Xylonomus gravenhorstii* CURTIS, 1831. Brit. Ent. 8: 353.  
*Xylonomus seticornis* STROBL, 1902: SCHIMITSCHEK 1944: 131, 276, ex *Phymatodes olni* L.  
larva.  
*Xorides securicornis* HOLMGREN, 1860: SEDIVY 1959: 101; AUBERT 1969: 132; CONSTANTINEANU &  
PISICA 1977: 249.  
Distribution: Middle, South and East Europe, Turkey and Caucasus.

***Xorides (Xorides) praecatorius* (FABRICIUS, 1793)**

*Ichneumon praecatorius* FABRICIUS, 1793. Ent. Syst. 2: 139.  
*Xorides praecatorius*: SEDIVY 1959: 100, Asia Minor; AUBERT 1969: 131; CONSTANTINEANU  
& PISICA 1977: 248.  
*Xorides (Xorides) praecatorius*: KASPARYAN 1981: 172.  
Distribution: Middle, South and East Europe and Turkey.

### Subfamily Cryptinae

***Chirotica decorator* (VILLERS, 1789)**

*Ichneumon decorator* VILLERS, 1789. Carol. Linn. ent. 3: 195.  
*Chirotica decorator*: KOLAROV 1987: 17, Istanbul, June; ONCÜER 1991: 229.  
Distribution: Middle and South Europe, Turkey and Ukraina.

***Chirotica orientalis* HORSTMANN, 1983**

*Chirotica orientalis* HORSTMANN, 1983. Entomofauna 4: 20, Gaziantep, May.  
*Chirotica orientalis*: KOLAROV & ERKIN 1987: 144, Diarbakir, April, ex Psychidae sp.;  
ONCÜER 1991: 229.  
Distribution: Turkey.

***Chirotica ruficeps* HORSTMANN, 1983.**

*Chirotica ruficeps* HORSTMANN, 1983. Spixiana 4 (1): 12, North Western Turkey, Sarikamis, 2200 m, August.

Distribution: Turkey and Iran.

***Chirotica terebrator* HORSTMANN, 1983**

*Chirotica terebrator* HORSTMANN, 1983. Entomofauna 4: 14, Tarsus, May.

*Chirotica terebrator*: TURKMEN 1987: 244, ex *Amicta oberthuri* HEY., on *Lens esculenta* MOENCH., Diarbakir; ONCÜER 1991: 229.

Distribution: France, Sicily, Algeria, Turkey, Izrael and Iran.

***Eudelus simillimus* (TASCHENBERG, 1865)**

*Hemiteles simillimus* TASCHENBERG, 1865. TASCHENBERG, Crypt.: 117, 124.

*Hemiteles simillimus*: SEDIVY 1959: 115, Anatolia, Beynam, July; ONCÜER 1991: 233.

Distribution: Western Europe, Bulgaria and Turkey.

***Diaglyptellana punctata* (HOLMGREN, 1857)**

*Adelognathus punctatus* HOLMGREN, 1857. K. Svensk. Vet. Akad. Handl. 1: 200.

*Hemiteles sisyphii* VERHOEFF, 1891: SEDIVY 1959: 115, Anatolia, Mogan gölü, July; ONCÜER 1991: 233.

Distribution: Europe and Turkey.

***Lysibia nana* (GRAVENHORST, 1829)**

*Tryphon nanus* GRAVENHORST, 1829. Ichn. eur. 2: 155.

*Hemiteles fulvipes* GRAVENHORST, 1929: FAHRINGER 1922: 162, Bagdsche-Koi, Belgrader Wald, August ex *Apanteles glomeratus* L; SCHIMITSCHEK 1944: 277, the same place and host.

*Lysibia nana*: ONCÜER 1991: 234, Izmir, İlk kayit, ex *Vanessa* sp. on *Cynara* sp.

Distribution: Europe and Turkey.

***Dichrogaster diatropus* TOWNES, 1983**

*Dichrogaster diatropus* TOWNES, 1983. Mem. Amer. Ent. Inst. 35: 114, Konya, May.

Distribution: Holarctic region.

***Dichrogaster liostylus* (THOMSON, 1884)**

*Hemiteles liostylus* THOMSON, 1884. Ann. Soc. Ent. France, 5: 30.

*Dichrogaster schaffneri* SCHMIEDEKNECHT, 1897: TUATAY et al. 1972: 119, Samsun, on *Coryllus avellana* L; ONCÜER 1991: 230.

Distribution: Palearctic region and India.

***Gelis cyanurus* (FORSTER, 1851)**

*Pezomachus cyanurus* FORSTER, 1851. Mon. Gatt. Pez.: 194.

*Gelis cyanurus*: DILLER 1969: 140, Anatolien, Aksehir, 1500 m, April; CIOCHIA 1971: 20, the same place.

Distribution: Europe and Turkey.

***Gelis exareolatus* (FÖRSTER, 1851)**

*Pezomachus exareolatus* FÖRSTER, 1851. Mon. Gatt. Pez.: 74.

*Gelis exareolatus*: KOLAROV 1987: 19, Ankara, June; ONCÜER, 1991: 232.

Distribution: Europe and Turkey.

***Gelis instabilis* (FÖRSTER, 1851)**

*Pezomachus instabilis* FÖRSTER, 1851. Mon. Gatt. Pez.: 163.

*Pezomachus instabilis*: FAHRINGER 1922: 162.

Distribution: Europe, Turkey, Caucasus and Siberia.

***Gelis sculpturator* AUBERT, 1977**

*Gelis sculpturator* AUBERT, 1977. Bul. Soc. Ent. Mulh., Jan.-March: 4, Ankara, 16 km West of Krikkale, June; Ankara, 20 km North of Sereflikochisar, 900 m, June.

*Gelis sculpturator*: AUBERT & SHAUMAR 1978: 16.

Distribution: Tunisia, Egypt, Greece and Turkey.

***Mastrus* sp.**

*Mastrus* sp: ALTAY 1966 (according SOYDANBAY 1978: 69), Bursa, ex *Laspeyresia molesta* BUSCK. on *Prunus persica* S. & Z; SOYDANBAY 1978: 69.

***Helcostizus restaurator restaurator* (FABRICIUS, 1775)**

*Ichneumon restaurator* FABRICIUS, 1775. Syst.ent.: 333.

*Brachycentrus turcicus* FAHRINGER, 1944 (in SCHIMITSCHEK 1944: 132, 274), Belgrader Wald, March, ex *Phymatodes pusillus* var. *humeralis* COMOLLI and *Rhopalopus clavipes* FAHR.

Distribution: Europe and Turkey.

***Grasseiteles ciliator* AUBERT, 1968**

*Grasseiteles ciliator* AUBERT, 1968. Bul. Soc. Linn. Lion 37: 140, Hatay, Adana, June, ex *Aonidella aurantii* MASK.

*Grasseiteles ciliator*: TOWNES 1969: 79; Anonymous 1971: 64; KASPARYAN 1981: 203; ONCÜER 1991: 232.

Distribution: France and Turkey.

***Endasys brevis* (GRAVENHORST, 1829)**

*Cryptus (Phygadeuon) brevis* GRAVENHORST, 1829. Ichn. eur. 2: 743.

*Endasys brevis*: SAWONIEWICZ & LUHMAN 1992: 52.

Distribution: Europe and Turkey.

***Endasys erythrogaster* (GRAVENHORST, 1829)**

*Phygadeuon erythrogaster* GRAVENHORST, 1829. Ichn. eur. 2: 741.

*Stylocryptus erythrogaster*: KOHL 1905: 227, Erdschias, Illany Dagħ, 1400 m, July.

*Endasys erythrogaster*: KOLAROV 1987: 21, Ankara, May, ex *Socieras pyricola* WOCKE; ONCÜER 1991: 231.

Distribution: Europe and Turkey.

***Endasys parviventris* (GRAVENHORST, 1829)**

*Cryptus (Phygadeuon) parviventris* GRAVENHORST, 1829. Ichn. eur. 2: 746.

*Endasys parviventris*: SAWONIEWICZ & LUHMAN 1992: 32.

Distribution: Europe and Turkey.

***Endasys plagiator* (GRAVENHORST, 1829)**

*Cryptus (Phygadeuon) plagiator* GRAVENHORST, 1829. Ichn. eur. 2: 739.

*Endasys plagiator*: SAWONIEWICZ & LUHMAN 1992: 42.

Distribution: Europe and Turkey.

***Endasys rubricator* (THUNBERG, 1822)**

*Ichneumon rubricator* THUNBERG, 1822. Mem. Ac. Sc. St. Petersburg: 205.

*Endasys rubricator*: KOLAROV 1987: 21, Ankara May; ONCÜER 1991: 231.

Distribution: Europe and Turkey.

***Glyphicnemis vagabunda* (GRAVENHORST, 1829)**

*Phygadeuon vagabunda* GRAVENHORST, 1829. Ichn. eur. 2: 735.

*Glyphicnemis vagabunda*: SAWONIEWICZ 1985: 141, Dewe near Ispir.

Distribution: Europe and Turkey.

***Bathythrix claviger* (TASCHENBERG, 1865)**

*Leptocryptus claviger* TASCHENBERG, 1865. TASCHENBERG, Crypt.: 76.

*Leptocryptus claviger*: SCHIMITSCHEK 1944: 131, Belgrader Wald, Bahcekoy, Bosporuslandschaft, May, ex *Phymatodes alni* L.

Distribution: Europe and Turkey.

***Theroscopus hemipterus* (FABRICIUS, 1793)**

*Ichneumon hemipterus* FABRICIUS, 1793. Ent. Syst.: 180.

*Hemiteles hemipterus*: SEDIVY 1959: 115, Anatolia, Sultandag, 2000 m, September; ONCÜER 1991: 232.

Distribution: Europe and Turkey.

***Theroscopus subzonatus* (GRAVENHORST, 1829)**

*Pezomachus subzonatus* GRAVENHORST, 1829. Ichn. eur. 2: 887.

*Hemiteles subzonatus*: SEDIVY 1959: 115, Anatolia, Mogan gölü, July; ONCÜER 1991: 233.

Distribution: Western Europe and Turkey.

***Ceratophygadeuon anurus* (THOMSON, 1884)**

*Phygadeuon anurus* THOMSON, 1884. Opusc. ent 10: 946.

*Ceratophygadeuon anurus* (var.) HORSTMANN, 1993: 8, East Turkey, Van See, Ercis, 1720 m, August.

Distribution: West Europe and Turkey.

***Stilpnus adanaensis* KOLAROV & BEYARSLAN, 1994**

*Stilpnus adanaensis* KOLAROV & BEYARSLAN, 1994. Linzer biol. Beitr. 26 (1): 182, Adana, Balkali, 60 m, March.

Distribution: Turkey

***Mesoleptus filicornis* (THOMSON, 1884)**

*Attractodes filicornis* THOMSON, 1884. Opusc. Ent. 10: 1020.

*Mesoleptus filicornis*: KOLAROV 1987: 22, Istanbul, April.

Distribution: Europe and Turkey.

***Mesoleptus marginatus* (THOMSON, 1884)**

*Attractodes marginatus* THOMSON, 1884. Opusc. Ent. 10: 1020.

*Exolytus marginatus* THOMSON, 1884: FAHRINGER 1922: 163, Polnisches Tschifflik, August, on *Sambucus ebulus* L.

*Mesoleptus marginatus*: KOLAROV 1987: 22, Istanbul; ONCÜER 1991: 235.

Distribution: Europe and Turkey.

***Echthrus reluctator* (LINNAEUS, 1758)**

*Ichneumon reluctator* LINNAEUS, 1758. Syst. Nat. 1: 563.

*Echthrus reluctator*: FAHRINGER 1922: 160, Bithyn. Olymp, August, ex *Ergates faber* L. on *Pinus brutia* L.

Distribution: Europe and Turkey.

***Polytribax rufipes* (GRAVENHORST, 1829)**

*Cryptus rufipes* GRAVENHORST, 1829. Ichn. eur. 2: 453.

*Plectocryptus curvus* GRAVENHORST, 1829: FAHRINGER, 1921: 154, Kosut Dag, August; 1922: 193, Kuhsdjular, July, on *Achillea santolonia* L.

Distribution: Europe and Turkey.

***Gyraudia gyratoria* (THUNBERG, 1824)**

*Ichneumon gyratorius* THUNBERG, 1824. Bull. Ac. Sc. St. Petersb. 9: 311.

*Gyraudia congruens* GRAVENHORST, 1829: FAHRINGER 1922: 162, Bithyn. Olymp, August, 800 m, on *Heracleum platytenium* L.

Distribution: Europe, Caucasus and Turkey.

***Pleolophus brachypterus* (GRAVENHORST, 1829)**

*Pezomachus brachypterus* GRAVENHORST, 1829. Ichn. eur. 2: 876.

*Microcryptus brachypterus*: FAHRINGER 1922: 162, Bithyn. Olymp, 1100 m, August, on *Heracleum platytenium* L.

Distribution: Europe and Turkey.

***Aptesis* sp.**

*Aptesis* sp.: ALTAY 1966 (according SOYDANBAY 1978: 68), Bursa, ex *Laspeyresia molesta* BUSCK. on *Prunus persica* S. & Z; SOYDANBAY 1978: 68.

***Thrybius praedator* (ROSSIUS, 1792)**

*Ichneumon praedator* ROSSIUS, 1792. Mant. Ins ... 1: 116.

*Hygrocryptus drewsenii* THOMSON, 1873: FAHRINGER 1922: 162, Belgrader Wald, July.

Distribution: Europe and Turkey.

***Agrothereutes abbreviator* (FABRICIUS, 1793)**

*Ichneumon abbreviator* FABRICIUS, 1793. Ent. Syst. 2: 153.

*Spilocryptus incubitor* GRAVENHORST, 1829: FAHRINGER 1921: 154, Jedikardasch, 2289 m.

Distribution: Europe.

***Agrothereutes tiloidalis* KOLAROV & BEYARSLAN, 1994**

*Agrothereutes tiloidalis* KOLAROV & BEYARSLAN, 1994. Linzer biol. Beitr. 27 (1): 180, Antalya, Cakirlar Koyu and Duraliler Koyu, 300 m, August; Edirne, Hadimaga, 70 m, April.

Distribution: Turkey.

***Gambrus inferus* THOMSON, 1896**

*Gambrus inferus* THOMSON, 1896. Opusc. Ent. 21: 2375.

*Gambrus inferus*: KOLAROV 1987: 23, Beykoz, Bosphorus, April; ONCÜER 1991: 232.

Distribution: Europe, Turkey and Tadjikistan.

***Aritranis buccatus* (TSCHEK, 1872)**

*Cryptus buccatus* TSCHEK, 1872. Ueb. eine Crypt ...: 245.

*Holocryptus buccatus*: SEDIVY 1959: 115, Anatolia, Gyaur dag, August; ONCÜER, 1991: 233.

Distribution: Western Europe and Turkey.

***Aritranis graeffei* (THOMSON, 1896)**

*Hoplocryptus graeffei* THOMSON, 1896. Opusc. Ent. 21: 2373.

*Aritranis* (!) *graffai*: ONCÜER 1991: 228, Izmir, Ilk kayat, ex *Agapantia villasoviridescens* DEG. on *Cynara* sp.

Distribution: Western Europe, Bulgaria and Turkey.

***Aritranis nigripes* (GRAVENHORST, 1829)**

*Cryptus nigripes* GRAVENHORST, 1829. Ichn. eur. 2: 523.

*Hoplocryptus gracilis* TASCHENBERG, 1865: MEYER 1933: 87, Asia Minor.

*Hoplocryptus nigripes*: SEDIVY 1959: 115, Anatolia, Gyaur dag, August; ONCÜER 1991: 233, Adana.

Distribution: Europe and Turkey.

***Pycnocryptus claviventris* KRIECHBAUMER, 1894**

*Spilocryptus claviventris* KRIECHBAUMER (in SCHLETTERER 1894). Progr. Staats-Gymn., Pola, 3: 13.

*Spilocryptus recte Pycnocryptus* (= *Cylindrocryptus* CEB. 1921, 1931) *claviventris*: KRIECHBAUMER (in SCHLETTERER 1894): AUBERT 1974: 265, Urfa, June.

Distribution: Western Europe and Turkey.

***Pycnocyptus rarus* (HABERMEHL, 1920)**

*Spilocryptus rarus* HABERMEHL, 1920. Zeitschr. Wiss. Ins.: 66.

*Agrothereutes rarus*: SEDIVY 1959: 114, Anatolia, Gerede, June; ONCÜER 1991: 227, Bolu.

Distribution: Western Europe and Turkey.

***Trychosis legator* (THUNBERG, 1822)**

*Ichneumon legator* THUNBERG, 1822. Bul. Ac. Sc. St. Petersburg.: 268.

*Trychosis legator*: KOLAROV 1987: 25; ONCÜER 1991: 238.

Distribution: Europe, Turkey and Tadjikistan.

***Trychosis neglecta* (TSCHEK, 1870)**

*Cryptus neglectus* TSCHEK, 1870. Beitr. etc. ....: 149.

*Goniocryptus neglectus*: FAHRINGER 1922: 161, Bithyn. Olymp, 1100 m, August, on *Hypericum rhodopaeum* FRIV.; SEDIVY 1959: 114, Anatolia, Gyaur dag, August; ONCÜER 1991: 232, Adana.

Distribution: Europe and Turkey.

***Trychosis priesneri* ROSSEM, 1971**

*Trychosis priesneri* ROSSEM, 1971. Tijd. Ent. 114: 215. Konya, May.

Distribution: Western Europe and Turkey.

***Enclisis ornaticeps* (THOMSON, 1885)**

*Microcryptus ornaticeps* THOMSON, 1885. Ann. Soc. Ent. France: 23.

*Enclisis ornaticeps*: SCHWARZ 1989: 512.

Distribution: Germany, Denmark, France, Italy, Austria, Poland, Yugoslavia and Turkey.

***Ischnus migrator* (FABRICIUS, 1775)**

*Cryptus migrator* FABRICIUS, 1775. Syst. ent.: 334.

*Spilocryptus migrator*: FAHRINGER 1922: 162, Belemedik, Taurus Gebirge, Asia Minor, 800 m, July, on *Styrax officinalis* L.

Distribution: Europe and Turkey.

***Caenocryptus rufiventris* (GRAVENHORST, 1829)**

*Cryptus rufiventris* GRAVENHORST, 1829. Ichn. eur. 2: 497.

*Caenocryptus rufiventris*: SEDIVY 1959: 115, Edirne, June; ONCÜER 1991: 229.

Distribution: Europe and Turkey.

***Buathra tarsoleuca* (SCHRANK, 1781)**

*Ichneumon tarsoleucus* SCHRANK, 1781. Enum. Insect. Austr.: 359.

*Cryptus tarsoleucus*: FAHRINGER 1922: 161, Bithyn. Olymp, 1200 m, August.

Distribution: Europe, Turkey and Middle Asia.

***Cryptus armator* FABRICIUS, 1804**

*Cryptus armator* FABRICIUS, 1804. Syst. Piez.: 86.

*Cryptus albatorius* TSCHEK, 1870: FAHRINGER 1922: 161, Eregly, Asia Minor, July, on *Eryngium campestre* L.

Distribution: Europe and Turkey.

***Cryptus leucocheir* (RATZEBURG, 1844)**

*Ichneumon leucocheir* RATZEBURG, 1844. Ichn. Forstins. 1: 133.

*Cryptus leucocheir* var. 1 SZEPLIGETI 1916: 246, Konya.

Distribution: Europe, Turkey and Tadjikistan.

***Cryptus minator* GRAVENHORST, 1829**

*Cryptus minator* GRAVENHORST, 1829. Ichn. eur. 2: 556-558.

*Cryptus minator*: KOLAROV 1987: 26, ex *Tarpa* sp; ONCÜER 1991: 229, Kutahia.

Distribution: Europe and Turkey.

***Cryptus spinosus* GRAVENHORST, 1829**

*Cryptus spinosus* GRAVENHORST, 1829. Ichn. eur. 2: 558-559.

*Cryptus armatorius* FABRICIUS, 1804: SEDIVY 1959: 114, Anatolia, Gyaur dag, August; ONCÜER 1991: 229, Adana.

Distribution: Europe, Turkey and Middle Asia.

***Cryptus tuberculatus* GRAVENHORST, 1829**

*Cryptus tuberculatus* GRAVENHORST, 1829. Ichn. eur. 2: 501.

*Cryptus tuberculatus*: SEDIVY 1959: 114, Edirne, June; ONCÜER 1991: 229.

Distribution: Europe, Turkey and Tadjikistan.

***Cryptus viduatorius* FABRICIUS, 1804**

*Cryptus viduatorius* FABRICIUS, 1804. Syst. Piez.: 70.

*Cryptus viduatorius*: KOHL 1905: 227, Ilgun, Asia Minor, May.

*Cryptus viduatorius* var. female: SZEPLIGETI 1916: 244, Marmaros.

*Cryptus* (!) *vodatorius*: KOLAROV 1987: 26, Bosporus, Beikoz, April; ONCÜER 1991: 229, Istanbul.

Distribution: Europe, Turkey and Middle Asia.

***Myrmeleonostenus italicus* (GRAVENHORST, 1829)**

*Cryptus italicus* GRAVENHORST, 1829. Ichn. eur. 2: 559.

*Cryptus italicus*: ROSSEM 1969: 315, Kirat, vil. Zonduldak, May.

Distribution: Europe, North Africa, Turkey, Middle Asia and Siberia.

***Meringopus titillator* (LINNAEUS, 1758)**

*Ichneumon titillator* LINNAEUS, 1758. Syst. Nat. 10: 565.

*Cryptus* (*Meringopus*) *meridionalis* var. ♀ SZEPLIGETI, 1916: 244, Asia Minor, Bulgar Maden.

*Cryptus* (*Meringopus*) *orientalis* SZEPLIGETI, 1916: 244, Asia Minor, Karaman.

*Cryptus orientalis*: MEYER 1933: 31, 1934: 40.

*Meringopus titillator*: ROSSEM 1969: 178, Asia Minor, Karaman, May and August.

Distribution: Europe, Turkey and Middle Asia.

***Meringopus pseudonymus* (TSCHEK, 1872)**

*Cryptus pseudonymus* TSCHEK, 1872. Zool.-Bot. Ges. Wien 22: 238.

*Meringopus pseudonymus*: ROSSEM 1969: 185, Asia Minor, May; KOLAROV 1987: 26, Istanbul, May; ONCÜER 1991: 235.

Distribution: North Africa, Western Europe, Bulgaria, Turkey and Tadjikistan.

***Synechocryptus mactator* (TSCHEK, 1870)**

*Cryptus mactator* TSCHEK, 1870. Betr. Kenntn. Osterr. Crypt.: 128.

*Synechocryptus mactator*: KOLAROV 1987: 26, Istanbul; ONCÜER 1991: 237.

Distribution: South Europe, Turkey and Caucasus.

***Mesostenus albinotatus* Gravenhorst, 1829**

*Mesostenus albinotatus* GRAVENHORST, 1829. Ichn. eur. 2: 756.

*Mesostenus albinotatus*: SEDIVY 1959: 115, Anatolia, Gyaur dag, August; ONCÜER 1991: 235.

*Mesostenus notatus* GRAVENHORST, 1829: AUBERT 1972: 45, Elazig.

Distribution: Europe, Turkey, Middle Asia and Siberia.

***Mesostenus grammicus* GRAVENHORST, 1829**

*Mesostenus grammicus* GRAVENHORST, 1829. Ichn. eur. 2: 757.

*Mesostenus grammicus*: KOLAROV 1987: 26, Istanbul; ONCÜER 1991: 235.

Distribution: Europe, Turkey and Middle Asia.

***Mesostenus transfuga* GRAVENHORST, 1829**

*Mesostenus transfuga* GRAVENHORST, 1829. Ichn. eur. 2: 757.

*Mesostenus transfuga*: Anonymous 1971: 64; SOYDANBAY 1976: 40, Konukcu, Kuru incir, Aydin (Kosk), August; Aydin (Erbeli), September, ex *Cadra cautella* WALK.; ERTURK 1983: 118, Bati Anadolu, ex *Plodia interpunctella* HB.; ONCÜER 1991: 235.

Distribution: Europe, Turkey and Middle Asia.

***Listrognathus ligator* (GRAVENHORST, 1829)**

*Mesostenus ligator* GRAVENHORST, 1829. Ichn. eur. 2: 760.

*Listrognathus ligator*: HORSTMANN 1989: 77.

Distribution: England, Germany, France, Switzerland, Austria, Italy, Yugoslavia and Turkey.

***Stenarella domator domator* (PODA, 1761)**

*Ichneumon domator* PODA, 1761. Ins. Mus. Graec.: 105.

*Mesostenus gladiator*: FAHRINGER 1922: 161, Belgrader Wald, July, on *Sambucuc ebulus* L.

Distribution: Europe, Turkey and Cyprus.

***Acroricnus seductor* (SCOPOLI, 1762)**

*Acroricnus syriacus* var. ♀ SZEPLIGETI, 1916: 242, Kara Tschehir.

*Acroricnus syriacus* MOCSARY, 1883: FAHRINGER 1921: 154, Marasch, May-June; Jarbaschi, August, Gohsun; SEDIVY 1959: 114, Edime, June; ONCÜER 1991: 227.

*Acroricnus seductorius*: FAHRINGER 1922: 161, Bithyn. Olymp, August; Bulghar Dag, July; Belgrader Wald, July, on *Eryngium campestre* L. and *Sambucus ebulus* L.; SCHIMITSCHEK 1944: 273, Florya near Istanbul, Bahcekoy, Buyukdere, ex *Sceliphron spirifex* L., May.

Distribution: Europe and Turkey.

***Acroricnus stylator* (THUNBERG, 1822)**

*Ichneumon stylator* THUNBERG, 1822. Mem. Akad. Sc. Petersb: 265.

*Acroricnus stylator*: KOLAROV 1987: 27, Istanbul; ONCÜER, 1991: 227.

Distribution: Europe and Turkey.

***Latibulus argiolus* (ROSSIUS, 1790)**

*Ichneumon argiolus* ROSSIUS, 1790. Faun. Etrusca 2: 52.

*Endurus argiolus*: FAHRINGER 1922: 161, Eregly, May, on *Achillea micrantha* Th.

*Latibulus argiolus*: HORSTMANN 1986: 117, Ankara.

Distribution: Europe, Turkey, Caucasus, Uzbekistan, Tadjikistan, Kazakhstan and Kirgisias.

**Subfamily Banchinae**

***Glypta (Diablastomorpha) cylindrator* (FABRICIUS, 1787)**

*Ichneumon cylindrator* FABRICIUS, 1787. Mant. ins.: 266.

*Glypta (Diblastomorpha) cylindrator*: CASTILLO 1989: 190, Amanus Mountains, May.

Distribution: Europe, Turkey. Siberia and Sakhalin.

***Glypta (Glypta) provincialis* FONSCOLOMBE, 1854**

*Glypta provincialis* FONSCOLOMBE, 1854. Ann. Soc. ent. France, 2: 508.

*Glypta rubicunda* BRIDGMAN, 1890: AUBERT 1971: 84.

*Glypta provincialis*: AUBERT 1978: 48; ONCÜER 1991: 232; CASTILLO, 1988: 196.

Distribution: Europe, Algeria, Turkey and Kazakhstan.

***Glypta (Glypta) salicis* THOMSON, 1889**

*Glypta salicis* THOMSON, 1889. Opusc. Ent. 13: 1348.

*Glypta salicis*: AUBERT 1978: 50.

Distribution: Germany, Hungary, Finland and Turkey.



***Lissonota barbator* AUBERT, 1972.**

*Lissonota barbator* AUBERT, 1972. Bul. Soc. Ent. Mulh., Jan.-Febr.: 1, Adana.  
*Lissonota barbator*: AUBERT 1978: 84; KASPARYAN 1981: 293; ONCÜER 1991: 234.  
Distribution: Turkey.

***Lissonota clypeator* (GRAVENHORST, 1829)**

*Tryphon clypeator* GRAVENHORST, 1829. Ichn. eur. 3: 131.  
*Lissonota cylindrator* FABRICIUS, 1787: FAHRINGER 1922: 161, Belgrader Wald, July, on  
*Heracleum spondylum* L.  
Distribution: Europe and North America.

***Lissonota cruentator* (PANZER, 1809)**

*Alomya cruentator* PANZER, 1809. Faun. Ins. Germ. In. 102: 21.  
*Lissonota insignita* GRAVENHORST, 1829: SEDIVY 1959: 108, Edirne, June; AUBERT 1978:  
100; ONCÜER 1991: 234.  
*Lissonota cruentator*: KOLAROV 1994: 96, Pontus Kefken, Zonsuldag, July. CASTILLO (1992)  
placed *Alomya cruentator* PANZER, 1809 in "incertae sedis".  
Distribution: Western Europe, Bulgaria and Turkey.

***Lissonota flavovariegata* (LUCAS, 1849)**

*Mesoleptus flavovariegatus* LUCAS, 1849. Sci. physiq. Zool. 3: 334.  
*Lissonota lineata lineolator* AUBERT, 1972: 4, Bolu, Lac Abont, 1512 m, July; Konya,  
Aksehir, July; 1978: 100.  
*Lissonota lineata* GRAVENHORST, 1829: ONCÜER 1991: 234.  
*Lissonota flavovariegata*: CASTILLO 1992: 144.  
Distribution: Algeria, Bulgaria, Spain, France, Greece, Italia, Iran, Romania, Switzerland,  
USSR and Yugoslavia.

***Lissonota mutator* AUBERT, 1969**

*Lissonota mutator* AUBERT, 1969. Bul. Soc. Ent. Mulh. Nov.-Dec.: 91.  
*Lissonota mutator*: KOLAROV 1989: 69, Ankara, June.  
Distribution: Middle Europe, Bulgaria and Turkey.

***Lissonota nigricoxis* HABERMEHL, 1918**

*Lissonota nigricoxis* HABERMEHL, 1918. Ztschr. Wiss. Ins. 13:309.  
*Lissonota saxonica* SCHMIEDEKNECHT var. *orientalis* HEDWIG 1959: 101, Hiebeliada Kizil-  
kam, November.  
Distribution: Germany, Roumania and Turkey.

***Lissonota parallela* GRAVENHORST, 1829**

*Lissonota parallela* GRAVENHORST, 1829. Ichn. eur. 3: 79.  
*Lissonota parallela*: KOHL 1905: 226, Erdschias, Ewlije Dagh, 1700 m, July; KOLAROV 1989:  
69, Istanbul and Halkali.  
*Lissonota (Campocineta) parallela*: AUBERT 1978: 105.  
Distribution: Europe, Turkey and North America.

***Lissonota perspicillator* GRAVENHORST, 1829**

*Lissonota perspicillator* GRAVENHORST, 1829. Ichn. eur. 3: 86; CASTILLO 1992: 154.  
Distribution: Germany, Austria, Spain, France, Hungary, Italia, Turkey, Yugoslavia, Moldavia  
and Kazakhstan.

***Lissonota rufitarsis* SZEPLIGETI, 1899**

*Lissonota rufitarsis* SZEPLIGETI, 1899. Term. Fuz. 23: 16.  
*Lissonota rufitarsis*: KOLAROV 1989: 69, Istanbul, May.  
Distribution: Middle and Eastern Europe and Turkey.

***Lissonota* sp.**

*Pimplopterus* sp.: TUATAY et al. 1972: 119, Ordu, June, ex *Gypsonoma dealbana* FROHL. on *Corylus avellane* L.; SOYDANBAY, 1978: 70.

***Lissonota superbator* AUBERT, 1967**

*Lissonota superbator* AUBERT, 1967. Bul. Soc. Ent. Mulh., Sept.-Oct.: 68.

*Lissonota superbator*: ONCÜER 1991: 234, Izmir, İlk kayit, ex *Prays oleae* BERN. on *Olea europaea* L.

Distribution: Turkey, Greece, Syria and Lebanon.

***Cryptopimpla caligata* (GRAVENHORST, 1829)**

*Lissonota caligata* ssp. *armeniator* AUBERT, 1977. Bul.Soc.Ent.Mulh., July-Sept.: 35, Vilayet Kors vic. Gole (= Merdenik), 2300-2600 m, Armenic Turkey, August.

Distribution: Europe, Turkey, Kazakhstan and Tschelyabinsk region in Russia.

***Syzeuctus tenuifasciatus* SCHMIEDEKNECHT, 1900**

*Syzeuctus tenuifasciatus* SCHMIEDEKNECHT, 1900. Zool. Jahrb. Abth. Syst. 13: 315.

*Syzeuctus tenuifasciatus*: AUBERT 1973: 133; ONCÜER 1991: 237.

Distribution: Europe, Turkey and Middle Asia.

***Syzeuctus turcator* AUBERT, 1984**

*Syzeuctus turcator* AUBERT, 1984. Bul. Soc. Ent. Mulh., April-June: 19, Konya, July.

Distribution: Turkey.

***Exetastes adpressorius* (THUNBERG, 1822)**

*Ichneumon adpressorius* THUNBERG, 1822. Mem. Acad. Imp. Sci. St. Petersb. 8: 254.

*Exetastes guttatorius*: FAHRINGER 1921: 153, Schachle, May.

*Exetastes adpressorius*: AUBERT 1978: 136.

Distribution: Europe, Turkey, West Kazakhstan, Siberia and China.

***Exetastes curator* AUBERT, 1977**

*Exetastes curator* AUBERT, 1977. Bul. Soc. Ent. Mulh., July-Sept.: 37, Vilayet Kors vic.

Gole (= Merdenik), 2300-2600 m, Armenic Turkey, August; AUBERT 1978: 140; ONCÜER 1991: 232.

Distribution: Turkey.

***Exetastes femorator* DESVIGNES, 1856**

*Banchus (Exetastes) femorator* DESVIGNES, 1856. Catal. Brit. Ichn.: 94.

*Exetastes femorator*: AUBERT 1978: 140; ONCÜER 1991: 232.

Distribution: Europe, Turkey, Kazakhstan, Siberia, Mongolia and China.

***Exetastes illusor* GRAVENHORST, 1829**

*Exetastes illusor* GRAVENHORST, 1829. Ichn. eur. 3: 427.

*Exetastes illusor*: FAHRINGER 1922: 158, Polnisches Tschifflik, July, on *Sambucus ebulus* L.

Distribution: Europe, Turkey, Caucasus, Kazakhstan and Siberia.

***Exetastes laevigator* (VILLERS, 1789)**

*Ichneumon laevigator* VILLERS, 1789. Car. Linn. Ent. 3: 193.

*Exetastes laevigator*: FAHRINGER 1922: 277, Belgrader Wald, July; Gock Dag, July, on *Eryngium campestre* L.

Distribution: Europe, Caucasus, Altay region in Russia and China.

***Banchopsis crassicornis* RUDOW, 1886**

*Banchopsis crassicornis* RUDOW, 1886. Soc. Ent. 1: 33.

*Banchopsis crassicornis*: AUBERT 1978: 159; ONCÜER 1991: 228; KOLAROV 1989: 70, Ankara, May, Istanbul.

Distribution: Mediterranean area, South European part of late USSR and Caucasus.

***Banchus crefeldensis* ULBRICHT, 1916**

*Banchus crefeldensis* ULBRICHT, 1916. Abhandl. Ver. 2: 12.

*Banchus crefeldensis*: FITTON 1985: 17; CASTILLO 1987: 81.

Distribution: Western Europe, Turkey and Tunisia.

***Banchus falcatorius* (FABRICIUS, 1775)**

*Ichneumon falcatorius* FABRICIUS, 1775. Syst. Ent.: 332.

*Banchus falcatorius*: FAHRINGER 1921: 153, Jarbaschi, June; 1922: 158, Belgrader Wald, on *Sambucus ebulus* L.; FITTON 1985: 2 2.

Distribution: Palearctic region.

***Banchus palpalis* RUTHE, 1859**

*Banchus palpalis* RUTHE, 1859. Stett. Ent. Zeit. 20: 377.

*Banchus palpalis*: FITTON 1985: 32.

Distribution: Holarctic region.

***Banchus pictus* FABRICIUS, 1798**

*Banchus pictus* FABRICIUS, 1798. Suppl. Ent. Syst.: 234.

*Banchus pictus*: FITTON 1985: 34.

Distribution: Western Palearctic region to Pamir.

***Banchus turcator* AUBERT, 1981**

*Banchus turcator* AUBERT, 1981. Bul. Soc. Ent. Mulh., April-June: 18, Gurun, Nevsehir, Uergup, June.

*Banchus turcator*: FITTON 1985: 40, Alem Dag, 600 m, June, Antalia, Termesus, May; Erzurum, 20 km Ispir to Ikizdere road, 1700, June; Gumusane near Maden, 1800 m, May; Isik Dag, 1200 m, June, Istanbul, April; Kizilkahamam, 1000 m, May, Zara - Taiger.

Distribution: Turkey and Tadjikistan.

***Banchus volutatorius* (LINNAEUS, 1758)**

*Ichneumon volutatorius* LINNAEUS, 1758, Syst. Nat. 10: 562.

*Banchus volutatorius*: FITTON 1985: 41.

Distribution: North and Central Europe, Turkey, Kazakhstan (Alma ata) and Russia (Tschita region).

**Subfamily Ctenopelmatinae**

***Xenoschesis (Xenoschesis) fulvipes* (GRAVENHORST, 1829)**

*Exetastes fulvipes* GRAVENHORST, 1829. Ichn. eur. 3: 401.

*Xenoschesis fulvipes*: FAHRINGER 1922: 158, Polnisches Tschifflik, July, on *Daucus carota* L.

Distribution: Europe and Turkey.

***Trematopygus triangulator* AUBERT, 1981**

*Trematopygus triangulator* AUBERT, 1981. Bul. Soc. Ent. Mulh., April-June: 19.

*Trematopygus triangulator*: HINZ 1985: 274.

Distribution: Izrael and Turkey.

***Pion fortipes* (GRAVENHORST, 1829)**

*Mesoleptus fortipes* GRAVENHORST, 1829. Ichn. eur.: 85.

*Catoglyptus fortipes*: FAHRINGER 1922: 159, Belgrader Wald, July; Gock Dag, July, on *Sambucus ebulus* L.

Distribution: Europe and Turkey.

***Sympherta fuscicornis* (GMELIN, 1790)**

*Ichneumon fuscicornis* GMELIN, 1790. Car. Lin. Syst. Nat. 5: 2225.

*Sympherta fuscicornis*: HINZ 1991: 45.

Distribution: Netherlands, Germany, Sweden, Poland, USSR and Turkey.

***Zapletocorina procurator* (GRAVENHORST, 1829)**

*Tryphon procurator* GRAVENHORST, 1829. Ichn. eur. 2: 226.

*Zapletocorina procurator asiaminor* AUBERT, 1989: 7, Erzurum, Ovacik, 2000 m, May.

Distribution: Europe and Turkey.

***Perilissus dissimilitor* AUBERT, 1987**

*Perilissus dissimilitor* AUBERT, 1987. Bul. Soc. Ent. Mulh., Aug.-Sept.: 34, Adana, April; Hazar elazig, 1100 m, June.

Distribution: Europe and Turkey.

***Perilissus filicornis* (GRAVENHORST, 1820)**

*Ichneumon filicornis* GRAVENHORST, 1820. Mem. Acad. Sc. Torino 24: 368.

*Spanotecnus (Perilissus) filicornis*: KOHL 1905: 226, Kara koy, Boz Oynk, Asia Minor.

Distribution: Europe, Turkey and Siberia.

***Perilissus lutescens* HOLMGREN, 1855**

*Perilissus lutescens* HOLMGREN, 1855. Svensk. Vet. Akad. Handl. 1: 125.

*Perilissus lutescens*: KOLAROV 1989: 71; ONCÜER 1991: 236.

Distribution: Europe and Turkey.

***Perilissus rufoniger* (GRAVENHORST, 1820)**

*Ichneumon rufoniger* GRAVENHORST, 1820. Mem. Acad. Sc. Torino, 24: 368.

*Perilissus rufoniger*: AUBERT 1987: 35, Askania Nova, May; Ven. Baskale, 2000 m, May; Biisk Altay, May.

Distribution: Europe and Turkey.

***Perilissus spilonotus* (STEPHENS, 1835)**

*Mesoleptus spilonotus* STEPHENS, 1835. Illustr. Brit. Ent. Mandib. 8: 227.

*Spanotecnus (Perilissus) dissimilis* WOLDSTEDT, 1877: KOHL 1905: 226, Erdschias, Ewlije Dagh, 1700 m, July; Surme, 1400 m, July.

Distribution: Europe and Turkey.

***Perilissus tenebrator* AUBERT, 1987**

*Perilissus tenebrator* AUBERT, 1987. Bul. Soc. Ent. Mulh., Aug.-Sept.: 36. Hakkari, Mt. Sat. 2800 m, August.

Distribution: Turkey.

**? *Opheltes glaucopterus* (LINNAEUS, 1758)**

*Ichneumon glaucopterus* LINNAEUS, 1758. Syst. Nat. 10: 566.

*Opheltes fuscipennis* GRAVENHORST, 1829: FAHRINGER 1921: 154, Jarbaschi, July.

Distribution: Holarctic region.

***Priopoda stictica* (FABRICIUS, 1799)**

*Ichneumon sticticus* FABRICIUS, 1799. Suppl. Ent. Syst.: 229.

*Priopoda stictica*: KOLAROV 1989: 71, Ankara, May; ONCÜER 1991: 236.

Distribution: Europe, Turkey and North Africa.

***Scolobates nigripennis* SICHEL, 1860**

*Scolobates nigripennis* SICHEL, 1860. Ann. Soc. Ent. France, 3 (8): 758.

*Parabraconia nigripennis*: FAHRINGER 1921. Arch. Naturgesch. 3: 154, Yarbashi.

Distribution: South Europe, Crimea and Caucasus.

***Otlophorus inflammator* AUBERT, 1970**

*Otlophorus inflammator* AUBERT, 1970. Bul. Soc. Ent. Mulh., July- Aug.: 54; Antakya, May; AUBERT 1979: 19.

Distribution: France and Turkey.

***Barytarbes segmentarius* (GRAVENHORST, 1829)**

*Tryphon segmentarius* GRAVENHORST, 1829. Ichn. eur. 2: 209.

*Barytarbes segmentarius sultanator* AUBERT, 1989: 9, Mersin Gozne, June.

Distribution: Europe and Turkey.

***Barytarbes superbus* SCHMIEDEKNECHT, 1913**

*Barytarbes superbus* SCHMIEDEKNECHT, 1913. Opusc. Ichn. 5: 2911.

*Barytarbes superbus*: KISS 1926: 282, Asia Minor, Bini Birkilisse, June; AUBERT et al. 1984: 216; KOLAROV, 1989: 72, Bini Birkilisse.

Distribution: Palestina, USSR (Shusha), Bulgaria and Turkey.

***Lamachus splendor* AUBERT, 1989**

*Lamachus splendor* AUBERT, 1989. Bul. Soc. Ent. Mulh., Jan.-March: 10, Kars, 20 km Sarikamis, 2000 m, August; Ankara, June.

Distribution: Turkey.

***Himerta anatolica* SCHMIEDEKNECHT, 1913**

*Himertus anatolicus* SCHMIEDEKNECHT, 1913. Opusc. Ichn. 5: 2749.

*Himertus anatolicus*: MEYER 1936: 262, Bursa.

Distribution: Turkey.

***Synomelix albipes* (GRAVENHORST, 1829)**

*Tryphon albipes* GRAVENHORST, 1829. Ichn. eur. 2: 221.

*Tryphon albipes*: IDAR 1983: 170.

Distribution: Sweden, Finland, England, Germany, France, Italy, Bulgaria and Turkey.

***Pantorhaestes xanthostomus* (GRAVENHORST, 1829)**

*Tryphon xanthostomus* GRAVENHORST, 1829. Ichn. eur. 2: 257.

*Pantorhaestes xanthostomus*: TUATAY et al. 1972: 119, Ankara; ONCÜER 1991: 236.

Distribution: Europe and Turkey.

***Hadrodactylus femoralis* (HOLMGREN, 1855)**

*Mesoleptus femoralis* HOLMGREN, 1855. K. Svensk. Vet. Akad. Handl. 1: 105.

*Hadrodactylus femoralis*: IDAR 1981: 238.

Distribution: Western Europe and Turkey.

***Hadrodactylus fugax* (GRAVENHORST, 1829)**

*Mesoleptus fugax* GRAVENHORST, 1829. Ichn. eur. 2: 56.

*Hadrodactylus fugax*: IDAR 1981: 238.

Distribution: Western Europe and Turkey.

***Hadrodactylus typhae* (GEOFFROY, 1785)**

*Ichneumon typhae* GEOFFROY, 1785. Ent. Par.: 413.

*Hadrodactylus typhae*: FAHRINGER 1922: 159, Bithynischer Olymp, August, on *Heracleum platytanium* L.

Distribution: Europe and Turkey.

***Euryproctus mundus* (GRAVENHORST, 1829)**

*Ichneumon mundus* GRAVENHORST, 1829. Ichn. eur. 2: 78.

*Euryproctus mundus*: FAHRINGER 1922: 159, Bulghar Dagh, 1700 m, July, on *Achillea micrantha* M.& B.; KOLAROV 1989: 72, Istanbul, April.

Distribution: Europe and Turkey.

***Euryproctus numidicus turcator* AUBERT, 1979**

*Euryproctus numidicus turcator* AUBERT, 1979. Bul. Soc. Ent. Mulh., Apr.-June: 19, A. Konya, June; ONCÜER 1991: 231.

Distribution: North Africa and Turkey.

**Subfamily Phrudinae**

***Pygmaeolus turcicus* KOLAROV, 1993**

*Pygmaeolus turcicus* KOLAROV, 1993. Linzer Biol. Beitr. 25 (2): 1094, Asia Minor, Angora, June.

Distribution: Turkey.

***Phaestacoenitus bidentator* AUBERT, 1979**

*Phaestacoenitus bidentator* AUBERT, 1979. Bul. Soc. Ent. Mulh., Apr.-June: 17, Horasan Arastol, June; KASPARYAN 1983: 156; ONCÜER 1991: 236.

Distribution: Turkey.

**Subfamily Tersilochinae**

***Probles (Euporizon) exilis* (HOLMGREN, 1860)**

*Tersilochus exilis* HOLMGREN, 1860. K. Svensk. Akad. Handl. 8: 140.

*Aneucelis exilis*: SEDIVY 1959: 113, Anatolia, Adana, August; ONCÜER 1991: 227.

Distribution: North and Middle Europe and Turkey.

***Probles (Euporizon) rufipes* (HOLMGREN, 1860)**

*Tersilochus rufipes* HOLMGREN, 1860. K. Svensk. Akad. Handl. 8: 145.

*Probles (Euporizon) rufipes*: HORSTMANN 1981: 20, North Anatolia.

Distribution: Europe, Turkey and North Western Siberia.

***Phradis morionellus* (HOLMGREN, 1860)**

*Tersilochus morionellus* HOLMGREN, 1860. K. Svensk. Vet. Akad. Handl. 8: 139.

*Phradis morionellus*: HORSTMANN 1981: 18, Anatolia.

Distribution: Western Europe, Tunisia, Moldavia, Caucasus and Turkey.

***Diaparsis (Nanodiaparsis) apertus* (THOMSON, 1889)**

*Tersilochus apertus* THOMSON, 1889. Opusc. Ent. 13: 1382.

*Nanodiaparsis apertus*: HORSTMANN 1971: 99, West Turkey; KASPARYAN 1981: 362.

Distribution: Western Europe and Turkey.

***Aneucelis incidens* (THOMSON, 1889)**

*Tersilochus incidens* THOMSON, 1889. Opusc. Ent. 13: 1382.

*Aneucelis incidens*: SEDIVY 1959: 113, Anatolia, Burucek, Toros, July; HORSTMANN 1971: 61,

Central to East Turkey; KASPARYAN 1981: 354; KOLAROV 1987 b: 28; ONCÜER 1991: 228.

Distribution: Western Europe, Moldavia and Turkey.

***Aneucelis melanarius* (HOLMGREN, 1860)**

*Tersilochus melanarius* HOLMGREN, 1860. K. Svensk. Vet. Akad. Handl. 8: 139.

*Aneucelis melanarius*: HORSTMANN 1971: 63, Anatolia; KOLAROV 1987 b: 28.

Distribution: Western Europe, Moldavia, Tunisia and Turkey.

### Subfamily Cremastinae

#### ***Pristomerus armatus* (LUCAS, 1849)**

*Collyria armata* LUCAS, 1849. Sc. Phys. Zool. 3: 328.

*Pristomerus armatus*: HORSTMANN 1990: 22.

Distribution: Europe, Turkey, North Africa and Middle Asia.

#### ***Pristomerus vulnerator* (PANZER, 1799)**

*Ichneumon vulnerator* PANZER, 1799. Faun. Ins. Germ. In. 72: 7.

*Pristomerus vulnerator*: KOHL 1905: 222, Erdschias, July; Illany Dag, 1400 m, July; Altay, 1966 (according SOYDANBAY 1978: 70); Bursa, ex *Laspeyresia molesta* BUSK. on *Prunus persica* S.&Z.; TUATAY et al. 1972: 119, Samsun, August, ex *Gypsonoma dealbana* FROHL.; SOYDANBAY 1978: 70; DOGANLAR 1987: 90; ÖZDEMİR & KILINCER 1990: 315, Ankara, ex *Cydia pomonella* L. and *C. molesta* BUSCK.; ONCÜER 1991: 237, Karadeniz, Bolgesi; HORSTMANN 1990: 36.

Distribution: Palearctic region, China and India.

#### ***Cremastus crassicornis* THOMSON, 1880**

*Cremastus crassicornis* THOMSON, 1880. Opusc. Ent. 14: 1454.

*Cremastus dalmatinus* STROBL, 1903: SEDIVY 1959: 110, Anatolia, Gyaur Dag, August; ONCÜER 1991: 229.

Distribution: Europe and Turkey.

#### ***Cremastus tristator* AUBERT, 1970**

*Cremastus tristator* AUBERT, 1970. Bul. Soc. Ent. Mulh., July-Aug.: 72, Namrun, Anatolia, May and June.

Distribution: Turkey.

#### ***Eucremastoides angelovi* KOLAROV, 1980**

*Eucremastoides angelovi* KOLAROV, 1980. Acta Zool. Bulg. 16: 90.

*Eucremastoides angelovi*: KOLAROV 1992: 76, Tavsan Dagi, July.

Distribution: Bulgaria and Turkey.

#### ***Temelucha anatolica* (SEDIVY, 1959)**

*Cremastus anatolicus* SEDIVY, 1959. Acta Ent. Mus. Nat. Prag. 33: 111, Anatolia, Abacilar (Cakit), August; Adana, August.

*Temelucha anatolica*: SEDIVY 1971: 10; KASPARYAN 1981: 328; NAROLSKY 1990: 132; ONCÜER 1991: 237.

Distribution: Tunisia and Turkey.

#### ***Temelucha confluens* (GRAVENHORST, 1829)**

*Cremastus confluens* GRAVENHORST, 1829. Ichn. eur. 3: 785.

*Cremastus confluens*: KOHL 1905: 222, Erdschias, July; Illany Dag, 1400 m, July; Surtme.

Distribution: Middle and South Europe, Moldavia and Turkey.

#### ***Temelucha decorata* (GRAVENHORST, 1829)**

*Cremastus decoratus* GRAVENHORST, 1829. Ichn. eur. 3: 734.

*Cremastus decoratus*: THOMPSON 1957: 384, ex *Laphygma exigua* HB., Anatolia.

*Cremastus ornatus* SZEPLIGETI, 1900: SEDIVY 1959: 110, Anatolia, Kozan, Toros, September; ONAT 1974: 104, Adapazar, ex *Scrobipalpa ocellatella* BOYD., on *Betha vulgaris* L.; ONCÜER 1991: 238.

*Temelucha decorata*: AUBERT 1983: 51; ONCÜER 1991: 237.

Distribution: Western Europe, Greenland, Moldavia, Turkey and Azerbaydjan.

***Temelucha meridionellator* AUBERT, 1981**

*Temelucha meridionellator* AUBERT, 1981. Bul. Soc. Ent. Mulh., Apr.-June: 22, Karakurt Arastal, May; Ceylanpinar Urfa, April.

*Temelucha meridionellator*: AUBERT et al. 1984: 229; ONCÜER 1991: 238.

Distribution: Malte, Turkey and Izrael.

***Temelucha observator* AUBERT, 1966.**

*Temelucha observator* AUBERT, 1966. Bul. Soc. Ent. Mulh., May-June: 46, Aydin Kusadasi.

*Temelucha observator*: NAROLSKY 1990: 132.

Distribution: Tunisia, Roumania, Turkey, Izrael and Egypt.

***Eucremastus manni* (TSCHEK, 1871)**

*Eugnomus manni* TSCHEK, 1871. Tsch. Verh. Zool. bot. Wien. 21: 67.

*Eugnomus manni*: SCHMIEDEKNECHT 1908: 1456, Asia Minor; HABERMEHL 1920: 324;

SCHMIEDEKNECHT 1935: 13; MEYER 1935: 60.

Distribution: Spain, Greece, Algeria and Turkey.

**Subfamily Campopleginae**

***Sinophorus nigritelus* (THOMSON, 1887)**

*Limneria nigritelus* THOMSON, 1887. Opusc. Ent. 2: 1107.

*Sinophorus nigritelus*: SANBORNE 1984: 234, Reshadich.

Distribution: Europe and Turkey.

***Sinophorus pleuralis* (THOMSON, 1887)**

*Limneria pleuralis* THOMSON, 1887. Opusc. Ent. 2: 1105.

*Sinophorus pleuralis*: SANBORNE 1984: 242, Istanbul.

Distribution: Europe, Turkey and Siberia.

***Sinophorus sticticale* SANBORNE, 1984**

*Sinophorus sticticale* SANBORNE, 1984. Mem. Amer. Ent. Inst. 38: 258, May.

Distribution: Europe, Turkey, Uzbekistan and Kazakhstan (Alma Ata).

***Sinophorus xanthostomus* (GRAVENHORST, 1829)**

*Campoplex xanthostomus* GRAVENHORST, 1829. Ichn. eur. 3: 460.

*Sinophorus xanthostomus*: SANBORNE 1984: 279.

Distrib: Europe, North Africa, Turkey, Cyprus, Izrael, Jordania, Armenia, Iran, Saudi Arabia.

***Campoplex difformis* (GMELIN, 1790)**

*Ichneumon difformis* LINNE, 1790. Syst. not. 13, 1 (5), V: 2720.

*Campoplex difformis*: ÖZDEMİR & KILINCER 1990: 315, Nevsehir.

Distribution: Europe and Turkey.

***Campoplex granditor* AUBERT, 1972**

*Campoplex (Omorgus) granditor* AUBERT, 1972. Bul. Soc. Ent. Mulh., Oct.-Dec.: 46, Elazig, May

Distribution: Turkey.

***Campoplex melanostictus* GRAVENHORST, 1829**

*Campoplex melanostictus* GRAVENHORST, 1829. Ichn. eur. 3: 539.

*Omorga melanosticta*: KOHL 1905: 223, Erdschias.

Distribution: Europe and Turkey.

***Campoplex ramidulus* (BRISCHKE, 1880)**

*Limneria ramidulus* BRISCHKE, 1880. Schrift. naturf. Ges. Danzig 4: 155.



*Campoplex ramidulus*: ÖZDEMİR & KILINCER 1990: 315, Ankara, ex *Rhyacionia buoliana* SCHIFF.

Distribution: Europe and Turkey.

***Campoplex* sp.**

*Campoplex (Omorgus)* sp.: ÇAKILLAR 1959: 100, North West Turkey, ex *Prays oleae* BERN., on *Olea europaea* L.; SOYDANBAY 1978: 68.

***Campoplex tridentator* AUBERT, 1972**

*Campoplex (Omorgus) tridentator* AUBERT, 1972. Bul. Soc. Ent. Mulh., Oct.-Dec.: 47, Mut Sertavul, 1600 m, June.

Distribution: Turkey.

***Venturia anatolica* HORSTMANN, 1986**

*Venturia anatolica* HORSTMANN, 1986. Mitt. Münch. Ent. Ges. 76: 160, Savsat Artwin, July.

Distribution: Turkey.

***Venturia canescens* (GRAVENHORST, 1829)**

*Campoplex canescens* GRAVENHORST, 1829. Ichn. eur. 3: 555.

*Nemiritis canescens*: SCHMIEDEKNECHT 1909: 1688, Asia Minor.

*Idechthis canescens*: THOMPSON 1957: 454, ex *Ephestia elutella* HB.; ERTURK 1963: 118, Kuru incir (Drysig), Bati Anadolu, ex *Cadra cautella* WALK.; ONCUER 1991: 238.

*Devorgilla canescens*: BOZAN et al. 1980: 70, Samsun, ex *Ephestia elutella* HUBN. on *Nicotiana tabacum* L.; TUATAY et al. 1972: 119; SOYDANBAY 1978: 69; ONCUER 1991: 230.

*Venturia canescens*: DOGANLAR 1982: 202, Adana, ex *Plodia interpunctella* HB.; AYDIN & SORAN 1987: 725; ÖZDEMİR & KILINCER 1990: 315, ex *Ephestia kuehniella* ZELL.; ONCÜER 1991: 238.

Distribution: Europe, Turkey, Caucasus and Middle Asia.

***Casinaria tenuiventris* (GRAVENHORST, 1829)**

*Campoplex tenuiventris* GRAVENHORST, 1829. Ichn. eur. 3: 482.

*Casinaria tenuiventris*: FAHRINGER 1921: 192, Jarbaschi, May.

Distribution: Europe.

***Nemeritis specularis anatolica* HORSTMANN, 1980**

*Nemeritis anatolica* HORSTMANN, 1980. Mitt. Münch. Ent. Ges. 69: 122, Prov. Bolu, Abantsee, 950 m, May; Prov. Art. ex *Raphidia robusta* ASPOCK & ASPOCK and *R. nimminai* ASPOCK & ASPOCK.

*Nemeritis specularis anatolica*: HORSTMANN 1993: 126, North Anatolia Bursa, Kutahya, Bolu, Ankara, Kastamonu, Samsun, Amazyia, Artvin.

Distribution: Turkey.

***Nemeritis specularis specularis* HORSTMANN, 1975**

*Nemeritis specularis* HORSTMANN, 1975. Polsk. Pismo Ent. 45: 256.

*Nemeritis specularis specularis*: HORSTMANN 1993: 126, West Anatolia, Ayvacik, Prov. Canakkale.

Distribution: Europe and Western Turkey.

***Nemeritis tuior* AUBERT, 1986**

*Nemeritis tuior* AUBERT, 1986. Bul. Soc. Ent. Mulh., April-June: 22, Kara, 20 km West of Sarikamis, 2200 m, August.

Distribution: Turkey.

***Bathyplectes carthaginensis* (SMITS VAN BURGST, 1913)**

*Canidia carthaginensis* SMITS VAN BURGST, 1913. Tun. Hym.: 33.

*Bathyplectes carthaginensis*: KOLAROV 1989: 78, Istanbul, June; Halkali, June; Ankara, June; ONCÜER 1991: 228.

Distribution: South Europe, Turkey and Tunisia.

***Bathyplectis curculionis* (THOMSON, 1887)**

*Canidia curculionis* THOMSON, 1887. Opusc. Ent. 2: 1113.

*Bathyplectis curculionis*: KOLAROV 1989: 78, Beykoz, Istanbul, April; Ankara, May; ONCÜER 1991: 228.

Distribution: Western Europe, Turkey and North America.

***Bathyplectes exiguus* (GRAVENHORST, 1829)**

*Campoplex exiguus* GRAVENHORST, 1829. Ichn. eur. 3: 499.

*Bathyplectes exiguus*: KOLAROV 1989, Istanbul, April; ONCÜER 1991: 228.

Distribution: Western Europe, Turkey and North America.

***Bathyplectes rufipes* HORSTMANN, 1974**

*Bathyplectes rufipes* HORSTMANN, 1974. Ent. Germ. 1: 69.

*Bathyplectes rufipes*: KOLAROV 1989: 79, Istanbul, June; ONCÜER 1991: 228.

Distribution: Middle Europe and Turkey.

***Biolysia algerica* SMITS VAN BURGST, 1913**

*Biolysia algerica* SMITS VAN BURGST, 1913. Tun. Hym.: 12.

*Biolysia algerica*: KOLAROV 1989: 79, Beykoz, Istanbul, April; ONCÜER 1991: 228.

Distribution: Italy, North Africa and Turkey.

***Bathypiestra carinata* (HORSTMANN, 1974)**

*Bathyplectes carinatus* HORSTMANN, 1974. Ent. Germ. 1: 62, Asia Minor, Malikoï.

*Bathypiestra carinata*: AUBERT 1979: 6, Side, April; DBAR 1983: 277.

Distribution: Germany, Hungary, Yugoslavia, Bulgaria and Turkey.

***Bathypiestra rufiventrorator* (AUBERT, 1979)**

*Bathyplectes rufiventrorator* AUBERT, 1979. Bul. Soc. Ent. Mulh., Jan.-March: 7, Horasan Arastal, June.

*Bathypiestra rufiventrorator*: DBAR 1983: 778.

Distribution: Turkey, Eastern Europe and Caucasus.

***Pyracmon nactor* AUBERT, 1986**

*Pyracmon nactor* AUBERT, 1986. Bul. Soc. Ent. Mulh., Apr.-June: 22, Hakkari, Suvari-Halil Pass 2900 m, August.

Distribution: Turkey.

***Meloboris collector* (THUNBERG, 1822)**

*Nepiera collector* THUNBERG, 1822. Mem. Ac. Sc. Petersb. 8: 271.

*Meloboris collector*: KHAN VE OZER 1984: 17, Ankara, ex *Agriotis* sp.; ÖZDEMİR & KILINCER 1990: 315, Ankara; ONCÜER 1991: 235.

Distribution: Europe and Turkey.

***Dusona falcator* (FABRICIUS, 1775)**

*Ichneumon falcator* FABRICIUS, 1775. Syst. Ent.: 338.

*Campoplex falcator*: FAHRINGER 1922: 158, Asia Minor, Gebirge Hinon, 1700 m; Bithynisches Olymp, August, on *Achillea odorata* KOCH.

*Dusona falcator*: KOLAROV 1994: 103.

Distribution: Europe and Turkey.

***Dusona inermis* (FÖRSTER, 1868)**

*Campoplex inermis* FÖRSTER, 1868. Forst. Monogr. Campopl.: 828.

*Dusona inermis*: AUBERT 1979: 6, Vilaet Kors, Gole (Merdenik) 2300 m, August.

Distribution: Europe and Turkey.

***Dusona inteligator* AUBERT, 1966**

*Dusona inteligator* AUBERT, 1966. Bul. Soc. Ent. Mulh., Mai-June: 44.

*Dusona inteligator*: AUBERT 1970: 67, Taurus, 900 m, May and June; Namrun Taurus, May;  
AUBERT et al. 1984: 225; KOLAROV 1994: 103.  
Distribution: Western Palearctic region.

***Dusona oxyacanthae* (BOIE, 1855)**

*Campoplex oxyacanthae* BOIE, 1855. Stett. Ent. 16: 104.  
*Campoplex oxyacanthae*: FAHRINGER 1922: 158, Poln. Tschifflik, August, on *Daucus carota* L.  
Distribution: Europe, Turkey and Izrael.

***Dusona stragifex* (FÖRSTER, 1868)**

*Campoplex stragifex* FÖRSTER, 1868. Monogr. Campoplex: 811.  
*Campoplex stragifex*: FAHRINGER 1921: 153, Yarbashi, June.  
Distribution: Europe.

***Dusona tricolorator* AUBERT, 1970**

*Dusona tricolorator* AUBERT, 1970. Bul. Ent. Soc. Mulh., Sept.-Oct.: 67, Urfa, May.  
Distribution: Turkey.

***Diadegma apostata* (GRAVENHORST, 1829)**

*Campoplex apostatum* GRAVENHORST, 1829. Ichn. eur. 3: 510.  
*Diadegma apostatum*: DOGANLAR 1987: 90, Erzurum, ex *Chloroclystus rectangulata* L. on  
*Malus communis* L.; ONCÜER 1991: 230.  
Distribution: Europe, Turkey and Armenia.

***Diadegma armilata* (GRAVENHORST, 1829)**

*Campoplex armilatus* GRAVENHORST, 1829. Ichn. eur. 3: 514.  
*Angitia armilata* var. *turcica* FAHRINGER in SCHIMITSCHEK, 1944: 276, Belgrader Wald bei  
Bahcekoy, ex *Anacamptis populella* CL.  
! *armilata* (GRAVENHORST): ÖZDEMİR & KILINCER 1990: 315, Ankara, ex *Yponomeuta  
malinellus* ZELL. and *Y. sp.*  
Distribution: Europe and Turkey.

***Diadegma chrysostictos* (GMELIN, 1790)**

*Ichneumon chrysostictos* GMELIN, 1790. Syst. Nat. 13: 2721.  
*Diadegma chrysosticta*: Anonimous 1971: 64; SOYDANBAY 1976: 40, Konukci, Kuru incir,  
Aydin (Kosk), November, ex *Cadra cautella* WALK.; ONCÜER 1991: 230, ex *Plodia  
interpunctella* HB.  
Distribution: Western Europe, Turkey, Izrael and Egypt.

***Diadegma claripennis* (THOMSON, 1887)**

*Angitia claripennis* THOMSON, 1887. Opusc. Ent. 11: 1161.  
*Diadegma claripennis*: ÖZDEMİR & KILINCER 1990: 316, Ankara.  
Distribution: Europe and Turkey.

***Diadegma crassicornis* (GRAVENHORST, 1829)**

*Campoplex crassicornis* GRAVENHORST, 1829. Ichn. eur. 3: 565.  
*Diadegma crassicornis*: ONCÜER 1991: 230, Siirit, ex *Oria musculosa* HB.  
*Diadegma* ! *crassicornis* (GRAV.) spp. *africator* AUB.: ÖZDEMİR & KILINCER 1990: 316,  
Ankara (Bala, Ilyakut), Kayseri (Yahyali).  
Distribution: Western Europe and Turkey.

***Diadegma crataegellae* (THOMSON, 1877)**

*Angitia crataegellae* THOMSON, 1877. Opusc. Ent. 2: 1164.  
*Horogenes crataegellae*: SEDIVY 1959: 107, Anatolia, Beynam, June; ONCÜER 1991: 233.  
Distribution: Europe and Turkey.

***Diadegma fenestralis* (HOLMGREN, 1860)**

*Limneria fenestralis* HOLMGREN, 1860. Svensk. Vet. Acad. Handl. 2: 59.

*Diadegma fenestralis*: ÖZDEMİR & KILINCER 1990: 316, ex *Plutella maculipennis* CURT.; ONCÜER 1991: 230, Isik tuzagi, Ilk kayit, Izmir.

Distribution: Palearctic region.

***Diadegma grisescens* (GRAVENHORST, 1829)**

*Meloboris grisescens* GRAVENHORST, 1829. Ichn. eur. 2: 101.

*Meloboris hydropota* HOLMGREN, 1858: SEDIVY 1959: 110, Anatolia, Gyaur dag, August; ONCÜER 1991: 235.

Distribution: Western Europe and Turkey.

***Diadegma maculata* (GRAVENHORST, 1829)**

*Campoplex maculatus* GRAVENHORST, 1829. Ichn. eur. 3: 536.

*Diadegma maculata*: ONCÜER 1991: 230, Diarbakir.

Distribution: Western Europe and Turkey.

***Diadegma pulchripes* (KOKUJEV, 1915)**

*Angitia chrysosticta* GMELIN var. *pulchripes* KOKUJEV, 1915. Ann. Mus. Zool. Ac. Sci. Petrograd 19: 544.

*Diadegma (Nitobia) pulchripes*: HORSTMANN 1979: 196, Kurlyk, Baingol, Östliches Tsaidam.

*Diadegma turcator* AUBERT, 1971: AUBERT 1983: 51; AUBERT et al. 1984: 227; AUBERT 1989: 58; KASPARYAN 1981: 417; ONCÜER 1991: 230.

Distribution: Turkey, Creta, Afghanistan and Mongolia.

***Diadegma semiclausum* (HELLEN, 1949)**

*Angita semiclausum* HELLEN, 1949. Comm. Biol. 8: 20.

*Diadegma semiclausum*: ÖZDEMİR & KILINCER 1990: 316, ex *Pl. maculipennis* CURT., Ankara; ONCÜER 1991: 230, Izmir, Ilk kayit, ex *Prays oleae* BERN. on *Olea europaea* L.

Distribution: Palearctic region.

***Diadegma velox* (HOLMGREN, 1860)**

*Limneria velox* HOLMGREN, 1860. K. Svensk. Vet. Akad. Handl. 2: 67.

*Meloboris velox*: SEDIVY 1959: 110, Anatolia, Gyaur Dag, August; Mogen golu, September; ONCÜER 1991: 235.

Distribution: Western Europe and Turkey.

***Hyposoter didymator* (THUNBERG, 1922)**

*Anilasta didymator* THUNBERG, 1822. Mem. Ac. Sc. Petersb. 8: 265.

*Hyposoter didymator*: KOLAROV 1989: 82, Istanbul, Eskisehir, August; ÖZDEMİR & KILINCER 1990: 316, Ankara, ex *Heliothis peltigera* HB.; ONCÜER 1991: 233, Aydin, Ilk kayit, ex *Heliothis armigera* HB. on *Helianthus annuus* L.

Distribution: Europe and Turkey.

***Hyposoter discedens* (SCHMIEDEKNECHT, 1911)**

*Anilastus discedens* SCHMIEDEKNECHT, 1911. Opusc. Ichn. 4: 1808.

*Anilastus discedens*: SEDIVY 1959: 110, Edirne, June; ONCÜER 1991: 228.

Distribution: Europe.

***Hyposoter ebeninus* (GRAVENHORST, 1829)**

*Campoplex ebeninus* GRAVENHORST, 1829. Ichn. eur. 3: 480.

*Anilastus ruficinctus* GRAVENHORST, 1829: THOMPSON 1959: 355, ex *Laphygma exigna* HB.

*Hyposoter ebeninus*: Anonimous 1971: 64; TUATAY et al. 1972: 119, January, ex *Pieris brassicae* L.; SOYDANBAY 1976: 40; SOYDANBAY 1978: 69, Adana; DOGANLAR 1982: 217; UZUN 1987: 241; ÖZDEMİR & KILINCER 1990: 316, Ankara, Konya, Nevsehir, Nigde, ex *Artogeia rapae* L.; ONCÜER 1991: 233.

Distribution: Europe and Turkey.

***Hyposoter ebenitor* AUBERT, 1972**

*Hyposoter ebenitor* AUBERT, 1972. Bul. Soc. Ent. Lin. Lyon 42: 24, Ankara Delice, July.

*Hyposoter ebenitor*: AUBERT et al. 1984: 228.

Distribution: France, Turkey and Izrael.

***Hyposoter notatus* (GRAVENHORST, 1829)**

*Campoplex notatus* GRAVENHORST, 1829. Ichn. eur. 3: 570.

*Anilastus notatus*: SEDIVY 1959: 110, Anatolia, Gyaur Dag, August; ONCÜER 1991: 228.

Distribution: Europe and Turkey.

***Hyposoter vulgaris* (TSCHEK, 1871)**

*Limneria vulgaris* TSCHEK, 1871. Verh. Zool. Bot. Ges. Wien 21: 61.

*Hyposoter vulgaris*: KOLAROV 1989: 82, Eskisehir, July; ONCÜER 1991: 233.

Distribution: Europe and Turkey.

***Benjaminia horstmanni* WAHL, 1989.**

*Benjaminia horstmanni* WAHL, 1989. Syst. Ent. 14: 287, 10 km S. Ankara, 1050 m.

Distribution: Turkey, Russia.

***Olesicampe macellator* (THUNBERG, 1822)**

*Holocremnus macellator* THUNBERG, 1822. Mem. Ac. Sc. Petersb. 8: 265.

*Holocremnus macellator*: SEDIVY 1959: 110, Anatolia, Camlidere, Isis Dag, June; ONCÜER 1991: 233.

Distribution: Western Europe and Turkey.

***Eriborus terebrans* (GRAVENHORST, 1829)**

*Campoplex terebrans* GRAVENHORST, 1829. Ichn. eur. 3: 503.

*Eriborus terebrans*: ÖZDEMİR 1981: 86, Karadenis Bolgesi, ex *Ostrinia nubilalis* Hb. on *Zea mays* L.; HORSTMANN 1987: 64, North Turkey; ONCÜER 1991: 231.

Distribution: Holarctic region.

***Echthronomas tricincta* (GRAVENHORST, 1829)**

*Campoplex tricinctus* GRAVENHORST, 1829. Ichn. eur. 3: 530.

*Anilastus tricinctus*: SEDIVY 1959: 110, Anatolia, Mogan gölü, July; ONCÜER 1991: 228.

Distribution: France, Poland and Turkey.

### Subfamily Ophioninae

***Ophion bipictor* AUBERT, 1980**

*Ophion bipictor* AUBERT, 1980. Bul. Soc. Ent. Mulh., Jan.-March: 5.

*Ophion bipictor*: AUBERT et al. 1984: 222, Gurun; ONCÜER 1991: 235.

Distribution: Turkey and Izrael.

***Ophion longigena* THOMSON, 1888**

*Ophion longigena* THOMSON, 1888. Opusc. Ent. 12: 1191.

*Ophion longigena*: KOHL 1905: 224, Sabandscha, Eskisehir; KOLAROV 1989: 132.

Distribution: Western Europe and Turkey.

***Ophion luteus* (LINNAEUS, 1758)**

*Ichneumon luteus* LINNAEUS, 1758. Syst. Nat. 10: 506.

*Ophion luteus*: KOHL 1905: 223, Bujukdere, Eur. Turkey; FAHRINGER 1921: 124, Schechle, May; Kosul, June; 1922: 159, Belgrader Wald, July, ex *Polygonia egea* Gr.; Polnisches Tschifflik, August; Bulghar Dag, 1800 m, May, on *Sambucus ebulus* L. and *Daucus carota* L.; SCHIMITSCHEK 1944: 277, Belgrd. Wald, Bulghar Dag, ex *Polygonia egea* Gr.

Distribution: Europe and Turkey.

***Ophion obscuratus* FABRICIUS, 1798**

*Ophion obscuratus* FABRICIUS, 1798. Suppl. ent. syst.: 237.

*Ophion obscurus* FABRICIUS, 1804: KOHL 1905: 276, Erdschias; SCHIMITSCHEK 1944: 276, Belgrader Wald, May.

Distribution: Palearctic region.

***Ophion minutus* KRIECHBAUMER, 1879**

*Ophion minutus* KRIECHBAUMER, 1879. Ent. Nachr. 5: 105.

*Ophion minutus*: KOLAROV 1989: 132, Kebir, May; Ankara, May.

Distribution: Western Europe and Turkey.

***Ophion mocsaryi* BRAUNS, 1889**

*Ophion mocsaryi* BRAUNS, 1889. Arch. Naturg. Meckl. 43: 89.

*Ophion mocsaryi*: KOLAROV 1989: 132, Camalon, June.

Distribution: Western Europe and Turkey.

***Ophion ventricosus* GRAVENHORST, 1829**

*Ophion ventricosus* GRAVENHORST, 1829. Ichn. eur. 3: 702.

*Ophion ventricosus*: FAHRINGER 1922: 159, Polnisches Tschifflik, July, on *Daucus carota* L.

Distribution: Europe and Turkey.

***Hellwigiella nigripennis* SZEPLIGETI, 1905**

*Hellwigiella nigripennis* SZEPLIGETI, 1905. Gen. Ins. 34: 23.

*Hellwigiella nigripennis*: TOWNES 1971: 57, Asia Minor; KASPARYAN 1981: 424.

Distribution: North Africa and Turkey.

***Eremotylus marginatus* (JURINE, 1807)**

*Anomalon marginatus* JURINE, 1807. Nouv. meth. class. Hym.: 116.

*Eremotylus marginatus*: HORSTMANN 1981: 421.

Distribution: Europe, Turkey and Caucasus.

***Apatophion mirsa* (SHESTAKOV, 1926)**

*Apatophion mirsa* SHESTAKOV, 1926. Konowia 5: 263.

*Apatophion mirsa*: TOWNES 1971: 60, Asia minor.

Distribution: Turkey.

***Apatophion similis* (SZEPLIGETI, 1905)**

*Hellwigiella similis* SZEPLIGETI, 1905. Gen. Ins. 34: 23.

*Apatophion similis*: TOWNES 1971: 60.

Distribution: North Africa and Turkey.

***Enicospilus cerebrator* AUBERT, 1966.**

*Enicospilus cerebrator* AUBERT, 1966. Bul. Soc. Ent. Mulh., May-June: 42; ÖZDEMİR & KILINCER 1990: 314, Nevsehir.

Distribution: Europe and Turkey.

***Enicospilus cruciator* VICTOROV, 1957**

*Enicospilus cruciator* VICTOROV, 1957. Ent. Obozr. 36: 192.

*Enicospilus cruciator*: KASPARYAN 1981: 429; KOLAROV 1984: 67; 1989: 132; 1994: 96, Karain, Goreme, July; Gulu Pinar, Denizli, 1200 m, July.

Distribution: South Europe, North Africa, Turkey, Kazakhstan, Middle Asia, Altay, Iran and Mongolia.

***Enicospilus incognitus* IZQUERDO, 1983**

*Enicospilus incognitus* IZQUERDO, 1983. EOS 59: 57; BORDERA et al. 1987: 226.

Distribution: Yugoslavia, Spain and Turkey.

***Enicospilus ramidulus* (LINNAEUS, 1758)**

*Ichneumon ramidulus* LINNAEUS, 1758. Syst. Nat. 10: 566.

*Ophion (Henicospilus) merdarius* GRAVENHORST, 1829: KOHL 1905: 225, Erdschias, Illany Dag, 1300 m, July.

*Enicospilus merdarius*: FAHRINGER 1921: 124, Yarbashi June; Entili, May.

*Enicospilus ramidulus*: KOLAROV 1989: 132, Eregly; KOLAROV 1994: 96, Karain, Goreme, July.

Distribution: Palearctic region.

***Enicospilus repentinus* (HOLMGREN, 1858)**

*Ophion repentinus* HOLMGREN, 1958. Svensk. Vet. Acad. Handl. 2: 2.

*Ophion (Henicospilus) repentinus*: KOHL 1905: 224, Erdschias, Illany Dag, 1300 m, July.

Distribution: Europe, Turkey, Kazakhstan, Middle Asia and Irkutsk region in Russia.

***Enicospilus tournieri* (SNELL VAN VOLLENHOVEN, 1879)**

*Ophion tournieri* SNELL VAN VOLLENHOVEN, 1879. Pinacogr. B 8: 61.

*Enicospilus tournieri*: ÖZDEMİR & KILINCER 1990: 314, Nevsehir.

Distribution: Palearctic region.

**Subfamily Anomaloninae**

***Habronix heros* (WESMAEL, 1849)**

*Anomalon heros* WESMAEL, 1849. Bull. Acad. Sc. Belg. 16: 155.

*Habronix heros*: HELLEN 1926: 16; SEDIVY 1959: 130; KASPARYAN 1981: 441; ATANASOV 1977: 42.

Distribution: Palearctic region.

***Aphanistes armatus* (WESMAEL, 1849)**

*Anomalon armatus* WESMAEL, 1849. Bull. Acad. Sc. Belg. 16: 122.

*Aphanistes armatus*: ATANASOV 1978: 16.

Distribution: Palearctic region.

***Aphanistes bellicosus* (WESMAEL, 1849)**

*Anomalon bellicosus* WESMAEL, 1849. Bull. Acad. Sc. Belg. 14: 124.

*Aphanistes bellicosus*: HELLEN 1926: 18; SEDIVY 1959: 130.

Distribution: North and Middle Europe and Turkey.

***Clypeocampulum tibiale* GAULD, 1976**

*Clypeocampulum tibiale* GAULD, 1976. Bull. Brit. Mus. Nat. Hist. 33: 43, Mugla, 40 km Fethige

Ortaca road, April; Adana, Ciftehan, May.

Distribution: Turkey.

***Barylypa delictor* (THUNBERG, 1822)**

*Ichneumon delictor* THUNBERG, 1822. Mem. Acad. St. Petersburg. 8: 265.

*Barylypa delictor*: SEDIVY 1959: 109, Edirne, Juin; ONÇÜER 1991: 228.

Distribution: Europe, Turkey, Caucasus, Kazakhstan, Kirgizia and Tadjikistan.

***Therion circumflexum* (LINNAEUS, 1758)**

*Ichneumon circumflexum* LINNAEUS, 1758. Syst. Nat. 10: 566.

*Exochilum circumflexum*: FAHRINGER 1921: 153, Bogdje, June, ex *Malacosoma neustria* L.; 1922: 159, Belgrader Wald, July; Rivafluss, Asia Minor, July, ex pupae of *Notodonta ziczac* L., *N. trepida* ESP. (= *anceps* GOEZE); SCHIMITSCHEK 1944: 227, Belgrader Wald, Asker ciftlik, Rivafluss, ex *Notodonta ziczac* L. and *N. trepida* ESP.

*Therion circumflexum*: AUBERT 1970: 279, Isik Dag, 1200 m, June; ÖZDEMİR & KILINCER 1990: 314, Konya.

Distribution: Holarctic region, China and India.

***Gravenhorstia (Gravenhorstia) picta* BOIE, 1836**

*Gravenhorstia picta* BOIE, 1836. Arch. Naturg. 2: 42.

*Gravenhorstia picta*: ATANASOV 1979: 37, Tekir Dag, Ganos, May; KOLAROV 1990: 22, the same place and date.

Distribution: Europe, Turkey, North Africa, Azerbaydjan, Kazakhstan, Uzbekistan and Tadjikistan.

***Gravenhorstia (Kokujewiella) iberica* (CEBALLOS, 1957)**

*Nenethes iberus* CEBALLOS, 1957. EOS 33: 9.

*Gravenhorstia (Kokujewiella) iberica*: GAULD 1976: 61.

Distribution: Spain, Israel, Turkey and Middle Asia.

***Erigorgus cerinops* (GRAVENHORST, 1829)**

*Anomalon cerinops* GRAVENHORST, 1829. Ichn. Eur. 3: 658;

*Anomalon cerinops*: FAHRINGER 1921: 124, Kosut Dag, June.

Distribution: Europe, North Africa, Kazakhstan, Kirgizia, Mongolia, East Siberia and Jakutia.

***Atrometoides winkleri* FAHRINGER, 1922**

*Atrometoides winkleri* FAHRINGER, 1922. Verh. Zool. Bot. Ges. Wien 71: 7, Adana.

*Atrometoides winkleri*: SCHMIEDEKNECHT 1935: 61; Townes 1971: 137.

*Atrometoides maracandicus* MEYER, 1934: KASPARYAN 1981: 445.

Distribution: Turkey and Middle Asia.

***Trichomma enecator* (ROSSI, 1790)**

*Ichneumon enecator* ROSSI, 1790. Fauna Etrusca 2: 248.

*Trichomma enecator*: IREN 1952: 17, Ankara, ex *Laspeyresia pomonella* L. on *Pirus communis* L., *Cydonia vulgaris* PERS., *Juglans regia* L; TUATAY et al. 1972: 119, ex *Cydia* sp.; SOYDANBAY 1978: 70; ÖZDEMİR & KILINCER 1990: 314, Ankara and Kirsehir, ex *Cydia pomonella* L. and *Archips* sp.; ONCÜER 1991: 238.

Distribution: Palearctic region.

***Trichionotus debilis* (WESMAEL, 1849)**

*Anomalon debilis* WESMAEL, 1849. Bull. Acad. Sc. Belg. 16: 133.

*Anomalon debilis*: ÖZDEMİR & KILINCER 1990: 315, Ankara.

Distribution: Palearctic region.

***Agrypon flaveolatum* (GRAVENHORST, 1807)**

*Ophion flaveolatum* GRAVENHORST, 1807. Ver. Heb. Linn. Zool. Syst.: 268.

*Agrypon flaveolatum*: ÖZDEMİR & KILINCER 1990: 315, Ankara.

Distribution: Palearctic region.

***Anomalon foliator* (FABRICIUS, 1798)**

*Ophion foliator* FABRICIUS, 1798. Suppl. Ent. Syst.: 239.

*Trachynotus foliator*: KOHL 1905: 226, Erdschias, Illany Dag, 1400 m.

*Anomalon foliator*: SEDIVY 1959: 109, Anatolia, Mogan gölü, July; KOLAROV 1989: 132, Istanbul; 40 km West of Tekirdag, May; ÖZDEMİR & KILINCER 1990: 314, Ankara and Jozgat.; ONCÜER 1991: 228.

Distribution: Middle and South Europe, Turkey, Kazakhstan, Middle Asia and South Western Siberia.

(Fortsetzung in Heft 7/2)



Subfamily Metopiinae

***Trieces tricarinatus* (HOLMGREN, 1856)**

*Trieces tricarinatus* HOLMGREN, 1856. K. Svensk. Vet. Akad. Handl. 1: 321.

*Trieces tricarinatus*: AESCHLIMANN 1983: 4, Zigana Pasz, August; KOLAROV & BEYERLAN 1993: 92, Icel Erdenli, Guzel oluk, 1400m, May.

Distribution: Europe, Turkey, Caucasus and Kazakhstan.

***Metopius (Peltocarus) croceicornis* THOMSON, 1887**

*Metopius (Peltocarus) croceicornis* THOMSON, 1887. Dtsch. ent. Z. 31: 196.

*Peltocarus croceicornis*: CLEMENT 1930: 339, Ak-Chichir, Bursa; MEYER 1936: 249.

*Metopius (Peltocarus) croceicornis*: KASPARYAN 1981: 458; TOLKANITZ 1985: 1394; 1987: 80.

Distribution: Europe, North Africa, Turkey, Caucasus, Kazakhstan, Middle Asia and Iran.

***Metopius (Peltocarus) dentatus* (FABRICIUS, 1779)**

*Ichneumon dentatus* FABRICIUS, 1779. Reise nach Norveg.: 328.

*Peltocarus dentatus*: CLEMENT 1930: 343, Istanbul.

*Metopius (Peltocarus) dentatus*: TOLKANITZ 1987: 77.

Distribution: Europe, Turkey, Caucasus and Western Siberia.

***Metopius (Peltocarus) dirus* MOCSARY, 1883**

*Metopius dirus* MOCSARY, 1883

3. Magy. Acad. Term. Ertek 13: 12.

*Peltocarus dirus*: CLEMENT 1930: 340, Bursa; MEYER 1936: 250.

Distribution: Algeria, Turkey, Eastern Europe, Caucasus, Tadjikistan and Kazakhstan.

***Metopius (Metopius) fulvicornis* MOCSARY, 1883**

*Metopius fulvicornis* MOCSARY, 1883. Mag. Acad. Term. Ertek. 13: 16.

*Metopius (Metopius) fulvicornis*: TOLKANITZ 1985: 1397, Malatia.

Distribution: Turkey.

***Metopius (Tylopius) brevispina* THOMSON, 1887**

*Metopius brevispina* THOMSON, 1887. Dtsch. Ent. Z. 31: 195.

*Metopius brevispina*: KOHL 1905: 226, Nigde, Asia Minor, May.

Distribution: Sweden, Germany, France, Austria, Hungary and Turkey.

***Metopius (Tylopius) leiopygus* FORSTER, 1859**

*Metopius leiopygus* FORSTER, 1859. Verh. Nat. Ver. Preuss. Rheinl. 7: 277-278.

*Metopius leiopygus*: CLEMENT 1930: 388; KERRICH 1939: 105.

*Metopius micratorius* FABRICIUS, 1804: CLEMENT 1930: 40.

*Metopius (Tylopius) leiopygus*: TOWNES, MOMOI & TOWNES 1965: 351; KASPARYAN 1981: 461; TOLKANITZ 1985: 1398; 1987: 95.

Distribution: Europe, Turkey, Caucasus, Kazakhstan, Middle Asia and Siberia.

***Metopius (Tylopius) pinatorius* BRULLE, 1846**

*Metopius pinatorius* BRULLE, 1846. Hist. nat. ins. Hym. 4: 120.

*Metopius (Tylopius) pinatorius*: KASPARYAN 1981: 461; TOLKANITZ 1985: 1398; 1987: 94.

Distribution: Europe, Turkey and Pasific coast of Russia.

***Metopius (Ceratopius) dissectorius* (PANZER, 1805)**

*Ichneumon dissectorius* PANZER, 1805. Faun. Ins. Germ. Initia 98: 14.

*Metopius dissectorius*: FAHRINGER 1922: 159, Poln. Tschiflik, August, on *Daucus carota* L.

Distribution: Palearctic region, China, Nepal and India.

***Metopius (Ceratopius) erythropus* KRIECHBAUMER, 1894**

*Metopius erythropus* KRIECHBAUMER 1894. Ichn. nov. faun. hung. 17: 58.

*Ceratopius erythropus*: CLEMENT 1930: 425, Smirna (= Izmir); Konya, Anatolia.

*Metopius (Ceratopius) erythropus*: TOLKANITZ 1985: 1402; 1987: 103.

Distribution: Hungary, Austria, Yugoslavia and Turkey.

***Triclistus lativentris* THOMSON, 1887**

*Triclistus lativentris* THOMSON, 1887. Dtsch. ent. Z. 31: 203-204.

*Triclistus lativentris*: AESCHLIMANN 1985: 4, Zigana Pasz; TOLKANITZ 1987: 131.

Distribution: Western Europe, Turkey and Caucasus.

***Triclistus podagricus* (GRAVENHORST, 1829)**

*Exochus podagricus* GRAVENHORST, 1829. Ichn. eur. 2: 336.

*Triclistus podagricus*: KOLAROV & BEYARSLAN 1993: 92. Bayourt, Ymri gumussuya, June.

Distribution: Holarctic region.

***Scallama triclitor* AUBERT, 1979**

*Scallama triclitor* AUBERT, 1979. Bul. Soc. Ent. Mulh., Apr.-June: 20, Urfa.

Distribution: Turkey.

***Hypsicera anglicus* (SCHMIEDEKNECHT, 1925)**

*Metacoelus anglicus* SCHMIEDEKNECHT, 1925. Opusc. Ichn. 5: 3166.

*Hypsicera anglicus*: AESCHLIMANN 1989: 37.

Distribution: England, France, Belgie, Switzerland, Italy, Roumania and Turkey.

***Hypsicera femoralis* (GEOFFROY, 1785)**

*Ichneumon femoralis* GEOFFROY in FOURCROY, 1785. Ent. Paris: 396.

*Hypsicera femoralis*: KOLAROV & BEYARSLAN 1993: 92, Antalia, Elmali, August.

Distribution: Almost cosmopolitan species

Holarctic and Neotropic regions, Australia, Africa, Taiwan and Hawaiian Islands.

***Exochus albicinctus* HOLMGREN, 1873**

*Exochus albicinctus* HOLMGREN, 1873. Oefv. Svensk. Vet. Acad.: 91.

*Exochus albicinctus*: KOLAROV & BEYARSLAN 1993: 93, Isparta, Ergidir, July.

Distribution: Europe, Armenia, Turkey and Mongolia.

***Exochus castaniventris* BRAUNS, 1896**

*Exochus castaniventris* BRAUNS, 1896. Term. Fuz. 19: 272.

*Exochus castaniventris*: KOLAROV 1989: 134, Beykoz, Istanbul, May; KOLAROV & BEYARSLAN 1993: 93, Antalia, Elmali, Carkilar, Adana, Yumurtalia, Karamanmeros, Goksun, July, August.

Distribution: Middle and South Europe, Turkey, Kazakhstan, Middle Asia and Egypt.

***Exochus erkini* KOLAROV, 1986**

*Exochus erkini* KOLAROV, 1986. Turk. bitki kor. derg. 10: 98, Alasehir, Manisa distr., September; ONCÜER 1991: 232.

Distribution: Turkey.

***Exochus elegantissimus* SCHMIEDEKNECHT, 1925**

*Exochus elegantissimus* SCHMIEDEKNECHT, 1925. Opusc. Ichn. 5: 105.

*Exochus (!) clesantissimus*: ONCÜER 1991: 232.

Distribution: Germany, Bulgaria, Ukraina, Moldavia and Turkey.

***Exochus erythronotus* (GRAVENHORST, 1820)**

*Ichneumon erythronotus* GRAVENHORST, 1820. Mem. Acad. Sc. Torino 24: 384.

*Exochus erythronotus*: SEDIVY 1959: 108, Anatolia, Beysehir gölü, Sept.; ONCÜER 1991: 232.

Distribution: Europe and Turkey.

***Exochus mitratus* GRAVENHORST, 1829.**

*Exochus mitratus* GRAVENHORST, 1829. Ichn. eur. 2: 350.

*Exochus mitratus*: SEDIVY 1959: 108, Anatolia, Mogan gölü, July; ONCÜER 1991: 232;

KOLAROV & BEYARSLAN 1993: 93, Kuke, Kirklarely, July.

Distribution: Holarctic region.

***Exochus suborbitalis* SCHMIEDEKNECHT, 1924**

*Exochus suborbitalis* SCHMIEDEKNECHT, 1924. Ent. Mon. Mag.: 110.

*Exochus suborbitalis*: KOLAROV & BEYARSLAN 1993: 93, Antalia, Kerkuteli, July.

Distribution: France, Germany, Hungary, Rumania, Bulgaria, Latvia, Moldavia, Ukraina and Turkey.

**Subfamily Mesochorinae**

***Mesochorus nigripes* RATZEBURG, 1852**

*Mesochorus nigripes* RATZEBURG, 1852. Ichn. Forstins. 3: 119.

*Mesochorus nigripes*: KOLAROV 1989: 134.

Distribution: North and Central Europe and Turkey.

***Mesochorus vittator* (ZETTERSTEDT, 1839)**

*Tryphon (Mesoleptus) vittator* ZETTERSTEDT, 1838. Insect Lappon. 1: 387.

*Mesochorus vittator*: KOHL 1905: 223, Erdschias, July; Surtme, 1400 m.

Distribution: Europe and Turkey.

**Subfamily Acaenitinae**

***Arotes albicinctus* GRAVENHORST, 1829**

*Arotes albicinctus* GRAVENHORST, 1829. Ichn. eur. 3: 448.

*Arotes albicinctus*: SEDIVY 1958: 107; AUBERT 1969: 143.

*Arotes albicinctus albicinctus*: SCARAMOZZINO 1986: 72.

Distribution: Palearctic region.

***Phaenolobus areolator* (CONSTANTINEANU & CONSTANTINEANU, 1968).**

*Moldacoenitus areolator* CONSTANTINEANU & CONSTANTINEANU, 1968. Ann. St. Univ. Iasi 14: 344.

*Phaenolobus areolator*: IZQUERDO 1985: 160.

Distribution: Spain, Roumania, Turkey, North Caucasus, Talysh and Kazakhstan.

***Phaenolobus fulvicornis* (GRAVENHORST, 1829)**

*Acoenites fulvicornis* GRAVENHORST, 1829. Ichn. eur. 3: 809.

*Phaenolobus fulvicornis*: SCARAMOZZINO 1986: 72, Asia Minor.

Distribution: Europe, North Africa and Turkey.

***Phaenolobus major* SZEPLIGETI, 1914**

*Phaenolobus major* SZEPLIGETI, 1914. Ann. Mus. Nat. Hung. 12: 424.

*Phaenolobus major*: KOLAROV 1989: 134, Ankara, May.

Distribution: Hungary and Turkey.

***Phaenolobus terebrator* (SCOPOLI, 1763)**

*Ichneumon terebrator* SCOPOLI, 1763. Ent. Carn. Vind.: 1285.

*Phaenolobus terebrator*: KOLAROV 1989: 135, Halkali, Istanbul.

Distribution: Palearctic region.

**Subfamily Orthopelmatinae**

***Orthopelma luteolator* (GRAVENHORST, 1829)**

*Hemiteles luteolator* GRAVENHORST, 1829. Ichn. eur. 2: 826.

*Orthopelma luteolator*: FAHRINGER 1922: 158, Eskishehir, ex *Rhodites rosae* L.

Distribution: Europe, Turkey and Caucasus.

**Subfamily Collyriinae**

***Collyria coxator* (VILLERS, 1789)**

*Ichneumon coxator* VILLERS, 1789. Car. Linn. Ent. 3: 193.

*Collyria calcitrator* GRAVENHORST, 1807: KOHL 1905: 226, Ilgun, Asia Minor, May; FAHRINGER 1921: 154, Jarbaschi, June; TUATAY et al. 1972: 119; ALTINAYAR 1975: 115, Konya, May, ex *Cephus pygmaeus* L. on *Triticum* sp., *Hordeum vulgare* L.; SOYDANBAY 1978: 68; ONCÜER 1991: 229.

*Collyria coxator*: KOLAROV 1989: 135, Istanbul and Ankara, June.

Distribution: Middle and South Europe, Caucasus and Turkey, introduced in North America.

**Subfamily Orthocentrinae**

***Orthocentrus radialis* THOMSON, 1897.**

*Orthocentrus radialis* THOMSON, 1897. Opusc. ent. 22: 2430.

*Orthocentrus radialis*: KOLAROV 1989: 135, Istanbul.

Distribution: Western Europe and Turkey.

***Stenomacrus affinitor* AUBERT, 1981**

*Stenomacrus affinitor* AUBERT, 1981. Mitt. Münch. Ent. Ges. 71: 145, Ankara, June; Istanbul, May.

Distribution: Western Europe and Turkey

**Subfamily Diplazontinae**

***Homotropus bifoveolatus* KRIECHBAUMER, 1895**

*Homotropus bifoveolatus* KRIECHBAUMER, 1895. Anal. Soc. Esp. Hist. Nat. 22: 246.

*Diplazon bifoveolatus*: SEDIVY 1959: 109, Anatolia, Gyaour Dag, August; ONCÜER 1991: 230.

Distribution: Mallorca and Turkey.

***Homotropus signatus* (GRAVENHORST, 1829)**

*Bassus signatus* GRAVENHORST, 1829. Ichn. eur. 3: 325.

*Homotropus signatus*: DÜZGÜNES et al. 1982: 251, Ankara, ex Syrphidae spp.; ONCÜER 1991: 233.

Distribution: Holarctic region.

***Homotropus tarsatorius* (PANZER, 1809)**

*Bassus tarsatorius* PANZER, 1809. Faun. Ins. Germ. 9: 107.

*Diplazon tarsatorius*: DÜZGÜNES et al. 1982: 251, Ankara, ex Syrphidae spp.; ONCÜER 1991: 231.

? *Syrphoctonus tarsatorius*: ONCÜER 1991: 237, Izmir, İlk Kayıt.

Distribution: Holarctic region.

***Syrphophilus bizonarius* (GRAVENHORST, 1829)**

*Bassus bizonarius* GRAVENHORST, 1829. Ichn. eur. 3: 350.

*Diplazon prope bizonarius*: SEDIVY 1959: 109, Anatolia, Beyşehir gölü, September; ONCÜER 1991: 231.

*Syrphophilus bizonarius*: KOLAROV 1989: 136, Istanbul, May, Ankara, June.

Distribution: Holarctic region.

***Diplazon laetatorius* (FABRICIUS, 1781)**

*Ichneumon laetatorius* FABRICIUS, 1781. Spec. Ins. 1: 424.

*Diplazon laetatorius*: TUATAY et al. 1972: 119, Ankara, March, ex *Syrphus* sp.; SOYDANBAY 1976: 40, ex *Aphis fabae* SCOP. (! Sic.); SOYDANBAY 1978: 69; DÜZGÜNES et al. 1982: 251; ERKIN 1983: 35; KOLAROV 1989: 136, Istanbul, May; Halkali, April; Ankara, May; ONCÜER 1991: 231.

Distribution: Almost all World.

***Diplazon pectoratorius* (THUNBERG, 1822)**

*Diplazon pectoratorius* THUNBERG, 1822. Mem. Acad. Sc. St. Petersb. 8: 280.

*Diplazon pectoratorius*: DÜZGÜNES et al. 1982: 251, Ankara, ex Syrphidae spp.; ONCÜER 1991: 231.

Distribution: Holarctic region.

***Diplazon schachtii* DILLER, 1986**

*Diplazon schachtii* DILLER, 1986. Entomofauna 7: 492, Pr. Hakkari, Suvari Halil-Pass, SE Beytisebap, 2300 m, July.

Distribution: Turkey.

***Diplazon tetragonus* THUNBERG, 1822.**

*Ichneumon tetragonus* THUNBERG, 1822. Mem. Acad. Sci. St. Petersb. 8: 280.

*Diplazon tetragonus*: KOLAROV 1989: 136, Istanbul.

Distribution: Holarctic region.

***Diplazon tibiatorius* (THUNBERG, 1822)**

*Ichneumon tibiatorius* THUNBERG, 1822. Mem. Acad. Sc. St. Petersb. 8: 280.

*Bassus albosignatus* GRAVENHORST, 1829: FAHRINGER 1922: 159, Bithynischer Olymp, August, on *Daucus carota* L.

*Diplazon tibiatorius*: DÜZGÜNES et al. 1982: 251, Ankara, ex Syrphidae spp.; ONCÜER 1991: 231.

Distribution: Holarctic region.

***Promethes sulcator* (GRAVENHORST, 1829)**

*Bassus sulcator* GRAVENHORST, 1829. Ichn. eur. 3: 320.

*Promethes sulcator*: DÜZGÜNES et al. 1982: 251, Ankara, ex Syrphidae spp.; ONCÜER 1991: 237.

Distribution: Holarctic region.

### Subfamily Ichneumoninae

***Alomia debellator* (FABRICIUS, 1775)**

*Ichneumon debellator* FABRICIUS, 1775. Syst. Ent. 37: 333.

*Alomya ovator* FABRICIUS, 1793; FAHRINGER 1922: 163, Polnisches Tschifflik, August; Jalowa am Marmarameer bey Konstantinopol, August, on *Ligustrum vulgare* L. and *Eryngium maritimum* L.

Distribution: Europe and Turkey.

***Heterischnus truncator* (FABRICIUS, 1798)**

*Ichneumon truncator* FABRICIUS, 1798. Suppl. Ent. Syst.: 222.

*Heterischnus truncator*: KOLAROV 1989: 137, Istanbul.

Distribution: Europe, Canarian island, Turkey and Middle Asia.

? ***Dicaelotus montanus* (DESTEFANI, 1886)**

*Phaeogenes montanus* DESTEFANI, 1886. Natur. Sicil.: 187.

*Dicaelotus* c.f. *montanus*: KOLAROV 1989: 137, Eskisehir, August.

Distribution: Sicily, Turkey and behind Caucasus region.

***Dicaelotus morosator* AUBERT, 1969**

*Dicaelotus morosator* AUBERT, 1969. Ver. Zool. Staatsslg. Münch. 13: 49.

*Dicaelotus morosator*: ONAT 1974: 104, Adapazari, ex *Scrobipalpa ocellatella* BOYD. on *Beta vulgaris* L.; ONCÜER, 1991: 230.

Distribution: Western Europe and Turkey.

***Dicaelotus rufilimbatus* (GRAVENHORST, 1820)**

*Ichneumon rufilimbatus* GRAVENHORST, 1820. Mem. Acad. Sci. Torino 24: 535.

*Dicaelotus rufilimbatus*: KOLAROV 1989: 137, Ciftehan (Nigde), July.

Distribution: Europe and Turkey.

***Herpestomus brunnicornis* (GRAVENHORST, 1829)**

*Ichneumon brunnicornis* GRAVENHORST, 1829. Ichn. eur. 1: 145.

*Herpestomus brunnicornis*: IREN 1960: 141, Ankara, ex *Iponomeuta malinellus* ZELL., *Y padellus* L. and *Y. rorellus* HB. on *Salix* sp; SOYDANBAY 1978: 69; ONCÜER 1991: 233.

Distribution: Europe, Turkey and Eastern Asia.

***Phaeogenes corcirensis* BERTHOUMIEU, 1901**

*Phaeogenes corcirensis* BERTHOUMIEU, 1901. Bul. Soc. Ent. France: 321.

*Phaeogenes corcirensis*: KASPARYAN, 1981: 544; KOLAROV 1986: 23.

Distribution: Greece, Bulgaria, Turkey and Russia (Jaroslavsk region).

***Phaeogenes nigridens* WESMAEL, 1844**

*Phaeogenes nigridens* WESMAEL, 1844. Nouv. Mem. Sc. Brux. 18: 192.

*Phaeogenes nigridens*: ÖZDEMİR 1981: 86, Karadeniz Bolgesi, ex *Ostrinia nubilalis* HB.; KOLAROV 1989: 128, Istanbul; ONCÜER 1991: 236.

Distribution: Holarctic region.

***Phaeogenes planifrons* WESMAEL, 1844**

*Phaeogenes planifrons* WESMAEL, 1844. Nouv. Mem. Acad. Sc. Brux. 18: 182.

*Phaeogenes planifrons*: KOLAROV 1989: 138, Istanbul.

Distribution: Europe and Turkey.

***Phaeogenes ? rusticatus* WESMAEL, 1844**

*Phaeogenes rusticatus* WESMAEL, 1844. Nouv. Mem. Ac. Sc. Brux. 18: 188.

*Phaeogenes* sp. near *rusticatus*: ALTAY 1966 (according SOYDANBAY 1978: 69), Bursa, ex *Laspeyresia molesta* BUSK. on *Prunus persica* S.& Z.; SOYDANBAY 1978: 69.

Distribution: Europe and Turkey.

***Linyces exhortator* (FABRICIUS, 1793)**

*Ophion exhortator* FABRICIUS, 1793. Ent. Syst. 2: 154.

*Platylabus dimidiatus* GRAVENHORST, 1829: FAHRINGER 1922: 163, Göck Dag, July, on *Daucus carota* L., Asia minor.

Distribution: Holarctic region.

***Coticheresiarches dirus* (WESMAEL, 1853)**

*Eurylabus dirus* WESMAEL, 1853. Bul. Acad. Sc. Belg. 20: 307.

*Coticheresiarches dirus*: KOLAROV 1991: 22, Korudagh, South Trakia, March, ex *Eriogaster lanestris* L.

Distribution: Europe and Kazakhstan.

***Neotypus melanocephalus* (GMELIN, 1790)**

*Ichneumon melanocephalus* GMELIN, 1790. Syst. nat. 13: 2687.

*Neotypus melanocephalus*: FAHRINGER 1922: 163, Poln. Tschifflik, August, on *Daucus carota*

Distribution: Europe, Turkey and Siberia.

***Anisobas cingulatorius* (GRAVENHORST, 1820)**

*Ichneumon cingulatorius* GRAVENHORST, 1820. Mem. Acad. Sc. Torino 24: 309.

*Anisobas cingulatorius*: KOHL 1905: 227, Erdschias, Surtme, 1400 m, July; SEDIVY 1959: 113, Anatolia, Gyauf Dagh, August, Beysehîr gölü, September; ONCÜER 1991: 228.

Distribution: Europe, Turkey, Caucasus, Middle Asia, Kazakhstan, Iran and Eastern Asia.

***Anisobas seyrigi* HEINRICH, 1933.**

*Anisobas seyrigi* HEINRICH, 1933. Mitt. Zool. Mus. Berl. 19: 158.

*Anisobas seyrigi*: SELFA et al. 1988: 369.

Distribution: Spain, Sicilia, Greece and Turkey.

***Pithotomus rufiventris* KRIECHBAUMER, 1888.**

*Pithotomus rufiventris* KRIECHBAUMER, 1888. Ann. Naturh. Hofmus. Wien. 3: 33.

*Pithotomus rufiventris*: KOLAROV 1989: 138, Istanbul.

Distribution: Roumania, Bulgaria, Turkey, South Eastern European Russia and Caucasus.

***Magwengiella flavescens* BACHMAIER & DILLER, 1985**

*Magwengiella flavescens* BACHMAIER & DILLER, 1985. Entomofauna 6: 498, Pr. Hakkari, Sat Dag, Veregös SW Yüksekova, 1700 m, August.

Distribution: Turkey.

***Cratichneumon coruscator* (LINNAEUS, 1758)**

*Ichneumon coruscator* LINNAEUS, 1758. Syst. Nat. 10: 402.

*Ichneumon coruscator*: FAHRINGER 1922: 164, Poln. Tschifflik, July, on *Sambucus ebulus* L.

*Ichneumon coruscator* L. var. *luridus* GRAVENHORST, 1829: FAHRINGER 1921: 154, July; 1922: 164, Bulghar Dagh, 1800 m, July, on *Chrysanthemum armenum* HAND.

Distribution: Europe, Turkey, Caucasus and Iran.

***Cratichneumon fabricator* (FABRICIUS, 1793)**

*Ichneumon fabricator* FABRICIUS, 1793. Ent. Syst. 2: 166.

*Ichneumon fabricator*: FAHRINGER 1921: 154, Jedikar dasch, July; 1922: 164, Göck Dagh, July; Polnisches Tschifflik, August, on *Sambucus ebulus* L.

Distribution: Palearctic region.

***Cratichneumon viator* (SCOPOLI, 1763)**

*Ichneumon viator* SCOPOLI, 1763. Ent. Carn. Vind.: 284.

*Ichneumon nigritarius* GRAVENHORST, 1820: FAHRINGER 1922: 164, Bithynisches Olymp, ex *Plusia gamma* L., coll. June, emerged November.

Distribution: Holarctic region.

***Barichneumon manni* (KRIECHBAUMER, 1888)**

*Ichneumon mani* KRIECHBAUMER, 1888. Ann. Nat. Hofmus. 3: 30, Bursa, Asia Minor.

*Ichneumon manni*: SCHMIEDEKNECHT 1927: 370.

*Craichneumon manni*: MEYER 1933: 193; CONSTANTINEANU 1959: 609.

*Barichneumon manni*: AUBERT 1981: 309.

Distribution: Turkey.

***Lymantrichneumon disparis* (PODA, 1761)**

*Sphex disparis* PODA, 1761. Ins. Mus. Graec.: 107.

*Limantrichneumon disparis*: FAHRINGER 1922: 164, Bulghar Dagh, July, on *Acantholimon venustum* BOISS.

Distribution: Palearctic region.

***Ichneumon albicollis albicollis* WESMAEL, 1857**

*Ichneumon albicollis* WESMAEL, 1857. Bull. Acad. r. Belg.: 375.

*Ichneumon albicollis albicollis*: HILPERT 1992: 185.

Distribution: Europe, Caucasus, Turkey, Middle Asia, Kazakhstan, Siberia.

***Ichneumon alius* TISCHBEIN, 1879,**

*Ichneumon alius* TISCHBEIN, 1879. Stett. Ent. Ztg.: 28.

*Ichneumon alius*: HILPERT 1992: 196.

Distribution: Western Europe and Turkey.

***Ichneumon bucculentus bucculentus* WESMAEL, 1844.**

*Ichneumon bucculentus* WESMAEL, 1844. Nouv. Mem. Acad. Ac. Brux. 18: 61.

*Ichneumon bucculentus*: FAHRINGER 1922: 164, Göck Dagh, July, Bithynisches Olymp, 800 m, August; Belgrader Wald, August, on *Sambucus ebulus* L., *Daucus carota* L., *Heracleum platytanium* L.; Gebse, August.

*Ichneumon bucculentus bucculentus*: HILPERT 1992: 226.

Distribution: Europe, Turkey, Caucasus, Kazakhstan and Siberia.

***Ichneumon extensorius extensorius* LINNAEUS, 1758**

*Ichneumon extensorius* LINNAEUS, 1758. Syst. Nat. 10: 561.

*Ichneumon extensorius* FAHRINGER 1921: 154, Kaipak, VII.; 1922: 164, Bulghar Dagh, 1800 m, July, on *Chrysanthemum argentatum* NILD.

Distribution: Europe, Turkey, Caucasus, Middle Asia and Siberia.

***Ichneumon gracilentus* WESMAEL, 1844**

*Ichneumon gracilentus* WESMAEL, 1844. Nouv. Mem. Acad. Sc. Brux. 18: 55.

*Ichneumon gracilentus*: FAHRINGER 1922: 164, Sabandja, See am Golf von Ismid, Asia Minor, July, on *Sambucus ebulus* L.

Distribution: Europe, Turkey and Siberia.

***Ichneumon gracilicornis* GRAVENHORST, 1928**

*Ichneumon gracilicornis* GRAVENHORST, 1928. Ichn. eur. 1: 290.

*Ichneumon gracilicornis*: HILPERT 1992: 109.

Distribution: Europe, Caucasus, Turkey, Middle Asia and Siberia.

***Ichneumon haematofemur* HEINRICH, 1980.**

*Ichneumon haematofemur* HEINRICH, 1980. Mitt. Münch. ent. Ges. 69: 19; HILPERT 1989: 251.

Distribution: Greece, Turkey and Yugoslavian countries.

***Ichneumon ligatorius* THUNBERG, 1822.**

*Ichneumon ligatorius* THUNBERG, 1822. Mem. Acad. Sci. St. Petersb.: 277.

*Ichneumon ligatorius*: HILPERT 1992: 170.

Distribution: Europe and Turkey.



- Ichneumon minutorius* DESVIGNES, 1856.**  
*Ichneumon minutorius* DESVIGNES, 1856. London: 22.  
*Ichneumon minutorius*: HILPERT 1992: 125.  
Distribution: Europe, Caucasus, Turkey.
- Ichneumon ostentator* HEINRICH, 1978**  
*Ichneumon ostentator* HEINRICH, 1978. East. Palearct. Ichn.: 41, Gurun, June.  
*Ichneumon ostentator*: HILPERT 1992: 85, 86.  
Distribution: Turkey, Greece, Yugoslavian countries.
- Ichneumon proletarius proletarius* WESMAEL, 1848**  
*Ichneumon proletarius* WESMAEL, 1848. Bull. Acad. r. Belg.: 161.  
*Ichneumon proletarius proletarius*: HILPERT 1992: 233.  
Distribution: Europe, Caucasus, Turkey and Iran.
- Ichneumon sarcitorius caucasicus* MEYER, 1926**  
*Ichneumon caucasicus* MEYER, 1926. Ent. Obozr. 20: 261.  
*Ichneumon sarcitorius caucasicus*: HILPERT 1992: 91.  
Distribution: Eastern Turkey, Iran and Kirgizia.
- Ichneumon sarcitorius sarcitorius* LINNAEUS, 1758**  
*Ichneumon sarcitorius* LINNAEUS, 1758. Syst. Nat. 10: 561.  
*Ichneumon sarcitorius sarcitorius*: HILPERT 1992: 89.  
Distribution: Europe, Caucasus, Turkey, Cyprus.
- Ichneumon simulans* TISCHBEIN, 1873**  
*Ichneumon simulans* TISCHBEIN, 1873. Stett. ent. Ztg.: 428.  
*Ichneumon simulans*: HILPERT 1992: 283.  
Distribution: Europe and Turkey.
- Ichneumon stramentarius stramentarius* GRAVENHORST, 1820**  
*Ichneumon stramentarius* GRAVENHORST, 1820. Mem. Acad. Sci. Torino 24: 302.  
*Ichneumon stramentarius*: FAHRINGER 1922: 164, Gebse, July, on *Daucus carota* L.  
Distribution: Europe and Turkey.
- Ichneumon* sp. 25 HILPERT 1992. Entomofauna 6: 324.**  
Distribution: Turkey.
- Ichneumon stramentor* RASNITSIN, 1984**  
*Ichneumon stramentor* RASNITSIN, 1989. Polskie Pismo ent.: 112.  
*Ichneumon stramentor*: HILPERT 1992: 174.  
Distribution: Europe and Turkey.
- Ichneumon terminatorius* GRAVENHORST, 1820.**  
*Ichneumon terminatorius* GRAVENHORST, 1820. Mem. Acad. Sc. Torino 24: 302.  
*Ichneumon terminatorius*: FAHRINGER 1921: 154, Jahrbaschi, July.; 1922: 164, Bithynisches Olymp, 1000 m, August; Bulghar Dagh, 1200 m, July, on *Heracleum platytenium* and *Chrysanthemum argentatum* WILLD.; HILPERT 1992: 217.  
Distribution: Europe, Turkey and Caucasus.
- Ichneumon veressi* (KISS, 1915)**  
*Amblyteles veressi* KISS, 1915. Rovart. Lap.: 23.  
*Ichneumon veressi*: HILPERT 1992: 87.  
Distribution: Europe, Turkey, Siberia, China.
- Ichneumon xanthorius xanthorius* FORSTER, 1771.**  
*Ichneumon xanthorius* FORSTER, 1771. London: 83.  
*Ichneumon xanthorius xanthorius*: HILPERT 1992: 83.  
Distribution: Palearctic region.

***Patrocloides sputator* (FABRICIUS, 1793)**

*Ichneumon sputator* FABRICIUS, 1793. Ent. Syst. 2: 153.

*Amblyteles sputator*: FAHRINGER 1922: 163, Jahrbaschi, Toprackale, Belgrader Wald, August, ex *Plusia gamma* L.; Gebse, August; SCHIMITSCHEK 1944: 277, Belgrader Wald and Amanus, ex pupe of *Plusia gamma* L.

Distribution: Europe and Turkey.

***Diphyus luctatorius* (LINNAEUS, 1758)**

*Ichneumon luctatorius* LINNAEUS, 1758. Syst. Nat. 10: 561.

*Amblyteles culpatorius* LINNAEUS, 1758: FAHRINGER 1922: 163, Belgrader Wald, August, on *Sambucus ebulus* L.

*Diphyus luctatorius*: KOLAROV 1989: 139, Istanbul.

Distribution: Palearctic region.

***Diphyus mercatorius mercatorius* (FABRICIUS, 1793).**

*Ichneumon mercatorius* FABRICIUS, 1793. Ent. Syst. 2: 143.

*Diphyus mercatorius mercatorius*: HEINRICH 1978: 48.

Distribution: Western Europe, Turkey and Armenia.

***Diphyus mercatorius ponticus* HEINRICH, 1978**

*Diphyus mercatorius ponticus* HEINRICH, 1978. East. Palearct. Ichn.: 51, Turkish Armenia, Kulp.

Distribution: Eastern Turkey and North Iran.

***Diphyus montivagans* (BERTHOUMIEU, 1896)**

*Amblyteles montivagans* BERTHOUMIEU, 1896. Ann. Soc. Ent. France: 309.

*Diphyus montivagans*: HEINRICH 1978: 55, Gurun, Antakya, Trabzon (Zigina Dagl.) 4200-4500 ft.; SAWONIEWICZ 1984: 326; KASPARYAN 1981: 612.

Distribution: Western Europe and Turkey.

***Diphyus ochromelas* (GMELIN, 1790)**

*Ichneumon ochromelas* GMELIN, 1790. Car. Linn. Syst. Nat. 13 (5): 2521.

*Amblyteles negatorius* FABRICIUS, 1793: FAHRINGER 1922: 163, Gebse, August, on *Daucus carota* L.

Distribution: Europe, Turkey, Caucasus, Middle Asia, Kazakhstan, Siberia and Mongolia.

***Diphyus palliatorius* (GRAVENHORST, 1829)**

*Ichneumon palliatorius* GRAVENHORST, 1829. Ichn. eur. 1: 385.

*Amblyteles palliatorius*: FAHRINGER 1922: 163, Göck Dag, July; Bithynisches Olymp, August, on *Daucus carota* L.

Distribution: Europe, Turkey, Kazakhstan and Siberia.

***Diphyus pseudomercator hexaleucus* HEINRICH, 1978**

*Diphyus pseudomercator hexaleucus* HEINRICH, 1978. East. Palearct. Ichn.: 52, Erzurum.

*Diphyus pseudomercator hexaleucus* var. *caucasicus* HEINRICH, 1978: 53, Erzurum and Kulp.

Distribution: Georgia, Turkey and Armenia.

***Diphyus quadripunctorius* (MÜLLER, 1776)**

*Ichneumon quadripunctorius* MÜLLER, 1776. Zool. Dan. Prodr.: 153.

*Amblyteles quadripunctorius*: FAHRINGER 1922: 163, Belgrader Wald, July; Polnisches Tschifflik, July, on *Sambucus ebulus* L.

*Diphyus quadripunctorius*: KOLAROV 1989: 139, Istanbul.

Distribution: Palearctic region.

***Diphyus quinquecinctus quinquecinctus* (KRIECHBAUMER, 1892)**

*Amblyteles quinquecinctus* KRIECHBAUMER, 1892. Term. Fuz. 6: 146.

*Amblyteles quinquecinctus*: KOHL 1905: 223, Erdschias, Kyzyk, 1500 m, June.

Distribution: Turkey and Turkestan.

***Amblyteles armatorius* (FORSTER, 1771)**

*Ichneumon armatorius* FORSTER, 1771. Nouv. Spec. Ins.: 82.

*Amblyteles armatorius*: FAHRINGER 1921: 154, Schechle, May; FAHRINGER 1922: 163, Bithynisches Olymp, August, on *Heracleum platytenium* L; KOLAROV 1990: 23, Tekirdagh, Keshan, April and May.

Distribution: Palearctic region.

***Obtusodonta equitatoria* (PANZER, 1786)**

*Ichneumon equitatorius* PANZER, 1786. Nürnberg: 56.

*Obtusodonta equitatoria*: KHAN VE OZER 1984: 17, Ankara, ex *Agriotis* sp.; RASNITSIN 1984: 798; KOLAROV 1989: 139; ONCÜER 1991: 235, Istanbul.

Distribution: Europe, Turkey, Caucasus, Middle Asia, Kazakhstan and Iran.

***Fileanta flavolaeta* (BERTHOUMIEU, 1892)**

*Amblyteles gravenhorstii* var. *flavolaetus* BERTHOUMIEU, 1892. Ann. Soc. Ent. France 64:644.

*Fileanta flavolaeta*: HEINRICH 1978: 64, Van, Kavushahap daghalari, August; Gurun, August; Kurdistan.

Distribution: Caucasus and Turkey.

***Fileanta radoszkowskii* (BERTHOUMIEU, 1892)**

*Amblyteles radoszkowskii* BERTHOUMIEU, 1892. Rew. Ent.: 48.

*Triptognathus cursorius* SMITH, 1874; HEINRICH 1931: 31, Asia Minor.

*Fileanta radoszkowskii*: HEINRICH 1978: 65.

Distribution: Turkey, Turkestan and South Kazakhstan.

***Triptognathus atripes* (GRAVENHORST, 1820)**

*Ichneumon atripes* GRAVENHORST, 1820. Mem. Acad. Sc. Torino 24: 307.

*Amblyteles uniguttatus* GRAVENHORST, 1829; KOHL 1905: 227, Erdschias, Illany Dagh, 1600 m, July.

Distribution: Europe and Turkey.

***Triptognathus unidentatus* (BERTHOUMIEU, 1894)**

*Amblyteles unidentatus* BERTHOUMIEU, 1894. Rev. Sc. Bourb.: 180.

*Triptognathus unidentatus*: HEINRICH 1978: 61, South Turkey, Ulukisla; North East Turkey, river Araks, Horasan.

Distribution: Palearctic region.

***Hoplismenus bidentatus* (GMELIN, 1790)**

*Ichneumon bidentatus* GMELIN, 1790. Car. Lin. Syst. Nat. 13: 2685.

*Hoplismenus bidentatus*: KOLAROV 1989: 140, Beykoz, Istanbul, April.

Distribution: Europe, Turkey, Caucasus, Middle Asia, Siberia and Iran.

***Coelichneumon dorsosignathus* (BERTHOUMIEU, 1894)**

*Ichneumon dorsosignathus* BERTHOUMIEU, 1894. Ann. Soc. Ent. France: 564.

*Coelichneumon dorsosignathus*: KOLAROV 1994: 96, Karain, Goreme, July.

Distribution: Europe, Turkey, Caucasus, Middle Asia and Kazakhstan.

***Coelichneumon leucocerus* (GRAVENHORST, 1829)**

*Ichneumon leucocerus* GRAVENHORST, 1829. Ichn. eur. 1: 208.

*Ichneumon leucocerus*: FAHRINGER 1922: 164, Bulghar Dagh, July, on *Chrysanthemum armenum* HAND.

Distribution: Palearctic region.

***Protichneumon fusorius* (LINNAEUS, 1761)**

*Ichneumon fusorius* LINNAEUS, 1761. Faun. Suec. 2: 401.

*Protichneumon pisorius* var. *dorsoniger* BERTHOUMIEU, 1894: ROMAN 1910: 188, Asia Minor

*Protichneumon fusorius*: TOWNES et al. 1965: 532.

Distribution: Palearctic region.

***Protichneumon pisorius* (LINNAEUS, 1758)**

*Ichneumon pisorius* LINNAEUS, 1758. Syst. Nat. 10: 561.

*Protichneumon fusorius dorsonigra* ROMAN, 1910: HEINRICH 1929: 308, Anatolia.

*Protichneumon fusorius persicus* MORLEY, 1915: TOWNES et al. 1965: 531.

*Protichneumon pisorius*: KASPARYAN 1981: 634.

Distribution: Europe, Turkey, Kazakhstan, Iran, Afganistan and Siberia.

***Amblyjoppa fuscipennis* (WESMAEL, 1844)**

*Amblyteles fuscipennis* WESMAEL, 1844. Nouv. Mem. Acad. Sc. Brux. 18: 138.

*Ichneumon fuscipennis* (*Amblyteles fuscipennis* HERM.): FAHRINGER 1922: 164, Polnisches  
Tschifflik, July; Göck Dagh, July, on *Sambucus ebulus* L.

Distribution: Palearctic region.

***Callajoppa exaltatoria exaltatoria* (PANZER, 1804)**

*Ichneumon exaltatorius* PANZER, 1804. Syst. Nom.: 199.

*Trogus exaltatorius*: FAHRINGER 1922: 165, Göck Dagh, ex puppe of *Protocarpe convolvuli* L., coll. July, emerg. in October.

Distribution: Palearctic region.

***Callajoppa exaltatoria armenica* HEINRICH, 1978**

*Callajoppa exaltatoria armenica* HEINRICH, 1978. East. Palearct. Ichn.: 12, Turk. Armenia,  
Kars, Gele (Vic. Gole Merdenik), 2300-2600 m, August.

Distribution: North East Turkey.

\*

## Literature

- AESCHLIMANN, J.P. - 1983. Note sur les Metopiines Ouest-Palearctiques avec description de deux especes nouvelles (Hymenoptera, Ichneumonidae). - Ann. Soc. ent. Franc. 19 (1): 3-6.
- AESCHLIMANN, J.P. - 1989. Revision des especes ouest-palearctiques du genre *Hypsicera* Latreille (Hymenoptera, Ichneumonidae). - Ann. Soc. ent. Franc. (N.S.) 25 (1): 33-39.
- ALTINAYAR, G. - 1975. Ekin Sap Arilari (*Cephus pygmaeus* L. ve *Trachelus tabidus* F., Hymenoptera, Cephalidae) un Konya ilinde Biyokolojileri., Sedep Oldukleri Uzun Kayiplari ve Savas Yollari Uzerinde Arastirmalar. - Ankara Bolg. Zir. Muc. Arst. Eust. Yayinlari Arastirma Eserleri Serisi Nr. 36: 135.
- Anonimous - 1971. Liste d'Identification des Entomophages 8: - OILB, Geneve: 64.
- ATANASOV, A. - 1979. Ichneumon Flies of the Subfamily Anomaloninae (Hymenoptera, Ichneumonidae) in the Fauna of Bulgaria. - Acta Zool. Bulg. 13: 34-46.
- AUBERT, J.F. - 1968. Revision des travaux concernant les Ichneumonides de France et 6-e supplement an catalogue de Gaulle (100 especes nouvelles pour la faune Francaise). - Bul. Mensuel. Soc. Lin. Lyon 37 (4): 133-144.
- AUBERT, J.F. - 1968. Ichneumonides non petiolees inedites et revision partielle des genre *Phytodietus* GRAV. et *Netelia* GRAY. - Bul. Soc. Ent. Mulh., nov.-dec.: 93-103.
- AUBERT, J.F. - 1969. Les Ichneumonides ouest-palearctiques et leurs hotes. I. Pimplinae, Xoridinae, Acaenitinae: 1-302.
- AUBERT, J.F. - 1970. Revision des travaux concernant les ichneumonides de France et 7-e supplement an catalogue de Gaulle (100 especes nouvelle pour la fauna France). - Bul. Mens. Soc. Lin. Lyon 39 (9): 269-280.
- AUBERT, J.F. - 1970. Nouveau supplement aux Ichneumonides non petiolees avec description d'un genre nouveau. - Bul. Soc. Ent. Mulh., jul.-aout: 49-56.
- AUBERT, J.F. - 1970. Ichneumonides petiolees inedites. - Bul. Soc. Ent. Mulh., sept.-oct.: 65-73.
- AUBERT, J.F. - 1971. Deuxieme prelude a une revision des Banchinae ouest-palearctiques. - Bul. Soc. Ent. Mulh., nov.-dec.: 83-86.
- AUBERT, J.F. - 1972. Troiseme prelude a une revision des Banchinae ouest-palearctiques. - Bul. Soc. Ent. Mulh., jan.-fevr.: 1-6.
- AUBERT, J.F. - 1972. Huit Ichneumonides petiolees inedites. - Bul. Soc. Ent. Mulh., oct.-nov.-dec.: 45-49.
- AUBERT, J.F. - 1973. Revision des travaux concernant les ichneumonides de France et 8-e supplement an catalogue de Gaulle (100 especes nouvelle pour la fauna Francaise). - Bul. Mens. Soc. Lin. Lyon 42 (2): 17-28.
- AUBERT, J.F. - 1977. Nouvelle serie d'Ichneumonides petiolees inedites. - Bul. Soc. Ent. Mulh., jan.-march: 1-8.
- AUBERT, J.F. - 1977. Ichneumonides Banchinae inedites d'Europe orientale. - Bul. Soc. Ent. Mulh., jul.-sept: 33-37.
- AUBERT, J.F. - 1978. Les Ichneumonides ouest-palearctiques et leurs hotes. II. Banchinae et supplement aux Pimplinae. - OPIDA: 1-318.
- AUBERT, J.F. - 1979. Ichneumonides petiolees inedites avec quatre genres nouveaux. - Bul. Soc. Ent. Mulh., jan.-march: 1-8.
- AUBERT, J.F. - 1979. Huit Ichneumonides non petiolees inedites. - Bul. Soc. Ent. Mulh., avr.-juin: 17-22.
- AUBERT, J.F. - 1981. Syllogismes, illogismes et novations chez les Ichneumonides. - Bul. Soc. Ent. Mulh., avr.-juin: 17-22.
- AUBERT, J.F. - 1981. Ichneumoninae de KRIECHBAUMER et quelques autres types conserves a Munich et a Vienne. - Spixiana 4 (3): 305-515.

- AUBERT, J.F. - 1983. Nouvelles descriptions en vue d'une monographie des Ichneumonides d'Izrael. - Bul. Soc. Ent. Mulh., oct.-dec.: 49-51.
- AUBERT, J.F. - 1984. Douze Ichneumonides non petiolees mal conues ou inedites. - Bul. Soc. Ent. Mulh., avr.-juin: 17-23.
- AUBERT, J.F. - 1986. Quatorze Ichneumonides petiolees inedites ou synonymes. - Bul. Soc. Ent. Mulh., avr.-juin: 17-26.
- AUBERT, J.F. - 1987. Deuxieme prelude a une revision des Ichneumonides des Scolobatinae. - Bul. Soc. Ent. Mulh., aut.-sept.: 33-40.
- AUBERT, J.F. - 1989. Ichneumonides non petiolees inedites et quatrieme suplement aux Scolobatinae (Ctenopelmatinae): les *Homaspis* FOERSTER. - Bul. Soc. Ent. Mulh., jan.-mars: 1-11.
- AUBERT, J.F. - 1989. Ichneumonides petiolees inedites obtenues d'elevages. - Bul. Soc. Ent. Mulh., oct.-dec.: 49-58.
- AUBERT, J.F., HALPERIN, J. & GERLING, D. - 1984. Les Ichneumonides d'Izrael. - Entomophaga 29 (2): 211-235.
- AUBERT, J.F. & SHAUMAR, N. - 1978. Supplement aux Ichneumonides d'Egypt. - Bul. Soc. Ent. Mulh., avr.-juin: 13-20.
- AYDIN, N. & Soran, H. - 1987. Trakya Bolgesinde depolanmis bugday ve un fabricalarinda saptanan zararlılar bulasma araları Türkiye I Entomoloji Kongresi 13-16 Ekim, 1987, Izmir: 717-726.
- BACHMAIER, F. & DILLER, E. - 1985. Zur Taxonomie der Gattung *Magwengiella* HEINRICH, 1938 (Hymenoptera, Ichneumonidae, Ctenocalini). - Entomofauna 6 (27): 489-499.
- BORDERA, S., SELFA, J. & JIMINEZ, R. - 1987. Contribution al conocimiento del genero *Enicospilus* STEPHENS, 1835 (Hymenoptera, Ichneumonidae) en Espana. - Bol. Asoc. esp. Ent. 2: 221-233.
- BOZAN, J. ASLITURK, H. - 1980. Dogu Karadeniz Bolgesi cayliklarında Cay kosnili (*Chloropulvinaria* - *Pulvinaria floccifera* WESTW., Homoptera: Coccidae) nin biyolojik savas alanakları uzerinde arastirmalar. - Zir. Muc. Ars. Yill. 15: 69-71.
- CAKILLAR, M. - 1959. Marmara Bolgesinde Zeytin Guvesinin Biyolojisi Uzerinde Arastirmalar. - T. C. Ziraat Vekaleti Zir. Muc. ve Zir. Karan. Umum. Md. Nesriyati: 100.
- CASTILLO, C.R. - 1987. Los especies Espanols de *Banchus* FABRICIUS y *Banchopsis* RUDOW (Hymenoptera, Ichneumonidae). - Graellsia 43: 79-86.
- CASTILLO, C.R. - 1989. Especies palearticos de Banchini y Glyptini (Hymenoptera, Ichneumonidae) representados en el Museo Nacional de Ciencias Naturales de Madrid. - Bol. Asoc. esp. Ent. 13: 183-193.
- CASTILLO, C.R. - 1992. Revision de las especies oeste-palearticas del subgenero *Loxonota* AUBERT, 1978 (Hymenoptera, Ichneumonidae). - Anns. Soc. ent. Fr.(N.S.) 28 (2): 133-156.
- CIOCHIA, V. - 1971. *Gelis cyanurus* FORSTER (Hymenoptera, Ichneumonidae) species nova pentru Romania. - Stud. cerc. Biol., ser. Zool. 23 (1): 19-21.
- CLEMENT, E. - 1930. Opuscula hymenopterologica III. Die Palaarktischen *Metopius*-Arten (Hymenoptera, Ichneumonidae). - Konowia 8 (4): 325-437.
- CLEMENT, E. - 1938. Opuscula hymenopterologica VI. Die Palaarktischen Arten der Pimplintribus Ischnocerini, Odontomerini, Neoxoridini und Xylomini (Xoridini SCHM.). - Festschr. Embrik Strand 4: 502-569. Riga.
- CONSTANTINEANU, M. - 1929. Contribution a l'etude des Ichneumonides en Roumanie. - Ann. Sc. Univ. Iassy 15: 387-642.
- CONSTANTINEANU, M. & PISICA, C. - 1977. Familia Ichneumonidae, subfamiliile Ephialtinae, Lycoriniinae, Xoridinae si Acaenitinae. - Fauna Rep. Pop. Romania 9 (7): 1-310.
- DBAR, R. - 1983. Ichneumonides of the genus *Bathypiesta* AUBERT (Hymenoptera, Ichneumonidae). - Rev. d'Ent. 62 (4): 773-779.

- DELRIO, G. - 1975. Revision des especes ouest-paléarctiques du genre *Netelia* GRAY (Hymenoptera, Ichneumonidae). - Ann. Fac. agr. Univ. Sassari 23: 1-126.
- DILLER, E. - 1969. Zur Taxonomie und Verbreitung von *Gelis cyanurus* FORSTER (Hymenoptera, Ichneumonidae). - Beitr. Ent. 19 (1/2): 137-140.
- DILLER, E. - 1981. Bemerkungen zur Systematik der Phaeogenini mit einem vorläufigen Katalog der Gattungen (Hymenoptera, Ichneumonidae). - Entomofauna 2 (8): 93-112.
- DILLER, E. - 1986. Neue Arten der Gattung *Diplazon* VIERECK 1914, (Hymenoptera, Ichneumonidae, Diplazontinae). - Entomofauna 7 (36): 485-495.
- DOGANLAR, M. - 1982. Hymenopter parasites of some Lepidopterous pests in eastern Anatolia. - Turk. Bit. Kor. Derg. 1982 (4): 197-205.
- DOGANLAR, M. - 1987. Erzurum ve çevresindeki elma ve armut agaclarında bulunan yaprak bukenler ve benzer sekilde beslenen diger Lepidopter'ler ile bunlarin parazitleri userinde arastirmalar. - Doga 11 (1): 86-93.
- DÜZGÜNES, Z., AKMAN, K., ALTAY, M., TUNCYUREK, M., KIROGLU, H. & Sezer, S. - 1975. Türkiye'de San jose kabuklubiti (*Quadraspidiotus perniciosus* COMST.)'nin yayilmasini ve zararinoonleyici tedbirlerin arastirilmasi. - TUBITAK V. Bilim Kong. Teblig Ozetleri, TUBITAK Yay. N 282: 93-94.
- ERKIN, E. - 1983. Investigations on the hosts, distributions and efficiency of the natural enemies of the family Aphididae (Homoptera) harmful to pome and stone fruit trees in Izmir province of Aegean Region. - Tuk. Bit. Kor. Derg. 7: 29-49.
- ERTURK, H. - 1963. Bati Anadolu Incirlerinde Zarar Yapan Lepidopterlerden Phycitidae Familyasi Turleri ve Bunlardan Incir Kurdu (*Ephestia cautella* WALK.)'un Biyolojisi, Zarar Sekli ve Mucadele Imkanlari Uzerinde Calismalar. - T. C. Tarim Bakanligi Bornova Zir. Muc. Enst. Yayin. Teknik Bulten 9: 188.
- FAHRINGER, J. - 1922. Ein neues Ichneumonidengenus aus Kleinasien. - Verh. Zool. Bot. Ges. Wien 71: 7-10.
- FAHRINGER, J. - 1922. Hymenopterologische Ergebnisse einer wissenschaftlichen Studienreise nach der Türkei und Kleinasien (mit Anschluss des Amanusgebirges). - Arch. Naturg. 88 A (9): 149-222.
- FITTON, M. - 1985. The Ichneumon-fly genus *Banchus* (Hymenoptera) in the Old World. - Bull. Brit. Mus. (Nat. Hist.) 51 (1): 1-60.
- GAULD, J. - 1976. The classification of the Anomaloniinae (Hymenoptera, Ichneumonidae). - Bul. Brit. Mus. (Nat. Hist.) 33 (1): 1-135.
- HABERMEHL, H. - 1920. Neue und wenig bekannte paläarktische Ichneumoniden (Hymenoptera). - Deutsche Ent. Zeitschr. 1-2: 315-330.
- HEDWIG, K. - 1959. Über einige neue Schlupfwespen zum Teil aus Süditalien und der Türkei. - Nachr. Naturw. Mus. St. Aschaf. 62: 95-102.
- HEINRICH, G. - 1929. Beitrag zur Kenntnis der Insectenfauna Nordpersiens Ichneumonidae (Hymenoptera). - Deutsch. Ent. Zeit. 4: 305-326.
- HEINRICH, G. - 1931. Zur Systematic der Ichneumoninae stenopneusticae. IV. - Konowia 10 (1): 29-33.
- HEINRICH, G. - 1978. Eastern Palearctic Ichneumoninae. - Nauka: 1-80. Leningrad.
- HELLEN, W. - 1926. Beiträge zur Kenntnis der Ichneumoniden Finnlands. - Acta Soc. Faun. Flora Fen. 56 (4): 3-27.
- HILPERT, H. - 1992. Zur Systematik der Gattung *Ichneumon* LINNAEUS, 1758 in der Westpaläarktischen (Hymenoptera, Ichneumonidae, Ichneumoninae). - Entomofauna, Suppl. 6: 1-389.
- HINZ, R. - 1985. Die paläarktischen Arten der Gattung *Trematopygus* HOLMGREN (Hymenoptera, Ichneumonidae). - Spixiana 8 (3): 265-276.
- HINZ, R. - 1991. Die paläarktischen Arten der Gattung *Sympherta* FOERSTER (Hymenoptera, Ichneumonidae). - Spixiana 14 (1): 27-43.

- HORSTMANN, K. - 1971. Revision der europäischen Tersilochinen (Hymenoptera, Ichneumonidae), Teil I. - Veröff. Zool. Staatss. München 15: 45-138.
- HORSTMANN, K. - 1974. Revision der westpaläarktischen Arten der Schlupfwespen-Gattungen *Bathyplectes* und *Biolysia* (Hymenoptera, Ichneumonidae). - Ent. Germ. 1 (1): 58-81.
- HORSTMANN, K. - 1979. Revision der von KOKUJEV beschriebenen Campopleginae Arten (mit Teiltabellen der Gattungen *Venturia* SCHROTTKY, *Campolepis* FORSTER und *Diadegma* FORSTER, Hymenoptera, Ichneumonidae). - Beitr. Ent. 29 (1): 195-199.
- HORSTMANN, K., 1980. Neue westpaläarktische Campopleginen-Arten (Hymenoptera, Ichneumonidae). - Mitt. Münch. Ent. Ges. 69: 117-132.
- HORSTMANN, K. - 1981. Die paläarktischen Arten der Gattungen *Eremotylus* FORSTER, 1869 und *Simophin* CUSHMAN, 1947 (Hymenoptera, Ichneumonidae). - Entomofauna 2 (29): 415-432.
- HORSTMANN, K. - 1981. Revision der europäischen Tersilochinae II (Hymenoptera, Ichneumonidae). - Spixiana, Suppl. 4: 1-76.
- HORSTMANN, K. - 1983. Die westpaläarktischen Arten der Gattung *Chirotica* FORSTER, 1869 (Hymenoptera, Ichneumonidae). - Entomofauna 4 (1): 1-33.
- HORSTMANN, K. - 1986. Bemerkungen zur Systematik einiger Gattungen der Campopleginae III. - Mitt. Münch. Ges. 76: 143-164.
- HORSTMANN, K. - 1986 (1987). Revision der westpaläarktischen Arten der Gattung *Latibulus* GISTEL (Hymenoptera, Ichneumonidae). - Zeitschr. Österr. Ent. 38 (3/4): 110-120.
- HORSTMANN, K. - 1987. Die europäischen Arten der Gattungen *Echthronomas* FORSTER und *Eriborus* FORSTER (Hymenoptera, Ichneumonidae). - NachrBl. Bayer. Ent. 36 (3): 57-67.
- HORSTMANN, K. - 1989. Die westpaläarktischen Arten einiger Gattungen der Cryptini (Hymenoptera, Ichneumonidae). - Mitt. Münch. Ent. Ges. 79: 65-89.
- HORSTMANN, K. - 1990. Die westpaläarktischen Arten der Gattung *Pristomerus* CURTIS, 1836 (Hymenoptera, Ichneumonidae). - Entomofauna 11 (2): 9-44.
- HORSTMANN, K. - 1993. Neue Taxa der Campopleginae aus den Gattungen *Campoplex* GRAVENHORST, *Diadegma* FOERSTER und *Nemeritis* HOLMGREN (Hymenoptera, Ichneumonidae). - Zeitschr. Arbgem. Österr. Ent. 44 (3/4): 116-128.
- HORSTMANN, K. - 1993. Nachträge zu Revisionen der Gattungen *Aclastus* FOERSTER, *Ceratophygadeuon* VIERECK, *Chirotica* FOERSTER und *Gelis* THUNBERG. - NachrBl. bayer. Ent. 42 (1): 1-15.
- IDAR, M. - 1981. Revision of the European species of the genus *Hadrodactylus* FORSTER (Hymenoptera, Ichneumonidae), part 2. - Ent. Scand. 12: 231-239.
- IDAR, M. - 1983. Revision of European *Synomelix* FORSTER (Hymenoptera: Ichneumonidae) with description of *S. faciator* n. sp. - Ent. Scand. 14: 168-172.
- IREN, Z. - 1952. Türkiye'de yeni bulunan *Hyponomeuta padella* L. ve *Carpocapsa pomonella* L. parazitleri. - Bitki Kor. Bult. 4: 16-18.
- IREN, Z. - 1960. Ankara Bolgesinde Ag Kurtlari (*Yponomeuta*) Turleri, Ariz Oldugu Bitkiler, Bu Turlerin Kisa Biyolojisi ve Mucadelesi Uzerinde Arastirmalar. - Zir. Vek. Ilmi Rap. ve Arast., Ser: C, 4: 141.
- ISIK, M., ECEVIT, O., KURT, A. & YUCETIN, T. - 1987. Dogu Karadeniz Bolgesi Findik Bahcelerinde Entegre Savas Olanaklari Uzerinde Arastirmalar. - Ondokuz Mayıs U. Yay. No 20: 95, Samsun.
- IZQUERDO, I. - 1984. Los especies palearticos de *Enicospilus* STEPHENS, 1838 del Instituto espanol de Entomologia. - Bol. Asoc. esp. Ent. 8: 95-100.
- IZQUERDO, I. - 1985. Los Acaenitini de Espana (Hymenoptera, Ichneumonidae, Acaenitinae). - EOS 51: 155-171.
- JUSSILA, R. - 1989. Males and females of *Delomerista strandi* and *Anoncus flavicaudatus* (Hymenoptera, Ichneumonidae) found in Sweden. - Not. Ent. 69: 73-74.



- KASPARYAN, D. - 1973. Review of Palearctic Ichneumonids of the tribe Pimplini (Hymenoptera, Ichneumonidae). The genera *Itopectis* FORSTER and *Apechis* FORSTER. - Rev. d'Ent. 52 (3): 665-681.
- KASPARYAN, D. - 1974. On the fauna of ichneumonids (Hymenoptera, Ichneumonidae) of the Mongolian people's Republic. Tribes Pimplini, Tryphonini, genus *Lycorina*. - Insects of Mongolia 2: 250-258.
- KASPARYAN, D. - 1981. Opredelitel nasekonomie evropeiskie casti USSR. Preponcatokrilie. III, 3: 1-688, Leningrad.
- KASPARYAN, D. - 1983. Three new species of the ichneumonid genus *Phaestacoenitus* SMITS (Hymenoptera, Ichneumonidae). - Rev. d'Ent. 62 (1): 153-156.
- KAVUT, N., DENCER, J. & KARAMAN, M. - 1974. Ege Bolgesi pamuk zararlılarının predator ve parazitleri üzerinde on calismalar. - Bitki Kor. Bult. 14 (1): 19-28.
- KERRICH, G.I. - 1952. A Review und a revision in greater part of the Cteniscini of the Old World. - Bull. Brit. Mus. (Nat. Hist.) 2 (6): 307-459.
- KERRICH, G.I. - 1975. Results of the study of four Gravenhorst types of Exenterinae (Hymenoptera, Ichneumonidae). - Polsk. pism. Ent. 45: 125-128.
- KHAN, S.M. & OZER, M. - 1984. *Agrotis* spp. (Lep.: Noctuidae) parazitlerinin saptanmasi ve onemli gorulenlerin konukculari ve biyolojik iliskileri. - A. U. Fen. Bilimleri Enst. Yay. No: BK 7: 1-19.
- KOHL, F.F. - 1905. In PENTHER, A. & ZEDERBAUER, E.: Ergebnisse einer naturwissenschaftlichen Reise zum Erdschias-Dagh (Kleinasien). - Ann. Naturhist. Hofmus. Wien 20, Hymenopteren: 220-246.
- KOLAROV, J. - 1984. Ichneumonidae (Hymenoptera) new for Bulgarian fauna. - Trav. Sc. Univ. Plovdiv 22 (1): 59-69.
- KOLAROV, J. - 1986. New species from Subfamily Ichneumoninae (Hymenoptera, Ichneumonidae) to the Bulgarian Fauna. - Acta Zool. Bulg. 32: 19-29.
- KOLAROV, J. - 1986. A new *Exochus* species from Turkey (Hymenoptera, Ichneumonidae, Metopiinae). - Turk. bitk. kor. derg. 10 (2): 89-92.
- KOLAROV, J. - 1987. Ichneumonidae (Hymenoptera) from Balkan peninsula and some adjacent regions. I. Pimplinae, Tryphoninae and Cryptinae. - Turk. Journ. Ent. 11 (1): 11-26.
- KOLAROV, J. - 1987. A study of Bulgarian Tersilochinae (Hymenoptera, Ichneumonidae). - Acta Zool. Bulg. 33: 26-32.
- KOLAROV, J. - 1989. Ichneumonidae (Hymenoptera) from Balkan peninsula and some adjacent regions. II. Lissonotinae, Ctenopelmatinae, Tersilochinae, Cremastinae and Campopleginae. - Turk. Journ. Ent. 13 (2): 67-84.
- KOLAROV, J. - 1989. Ichneumonidae (Hymenoptera) from Balkan peninsula and some adjacent regions. III. Ophiononae, Anomaloninae, Metopiinae, Mesochorinae, Acaenitinae, Oxytorinae, Orthopelmatinae, Orthocentrinae, Diplazontinae and Ichneumoninae. - Turk. Journ. Ent. 13 (3): 131-140.
- KOLAROV, J. - 1990. New and rare Ichneumonidae (Hymenoptera) species for the Bulgarian fauna. - Hist. natur. bulg. 2: 19-24.
- KOLAROV, J. - 1992. New and little known Cremastinae species in Bulgarian fauna and a key for identification of the Western palearctic genera (Hymenoptera, Ichneumonidae). - Acta Zool. Bulg. 44: 75-78.
- KOLAROV, J. - 1994. Nocturnal Ichneumonidae (Hymenoptera) from Bulgaria and Turkey with description of a new species. - Entomofauna 15 (9): 93-100.
- KOLAROV, J. - 1994. Über die Verbreitung der Arten von der Gattung *Dusona* CAMERON, 1900 (Hymenoptera, Ichneumonidae) in Bulgarien. - Ann. Univ. Sofia 1 (84): 101-105.
- KOLAROV, J. & BEYARSLAN, A. - 1994. *Agrothereutes tiloidalis* sp. nov. und *Stilpnus adanaensis* sp. nov., zwei neue Ichneumoniden-Arten aus der Türkei (Hymenoptera: Ichneumonidae: Cryptinae). - Linzer biol. Beitr. 26 (1): 179-185.

- KOLAROV, J. & ERKIN, E. - 1987. Description of male of *Chirotica orientalis* HORSTMANN, 1983 (Hymenoptera, Ichneumonidae). - Turk. Journ. Ent. 11 (3): 143-144.
- KRIECHBAUMER, J. - 1888. Neue Ichneumoniden des Wiener Museums. - Ann. des k. k. Naturh. Hofmus. 3: 23-35.
- KRIECHBAUMER, J. - 1899. Ichneumonologica varia. Contr. 11. *Achorocephalus* nov. genus Pimplidarum. *Achorocephalus cinctipes* m. ♀. 12. *Microcryptus acuminatus* m. ♀. - Ent. Nachr. 25: 295-303.
- MEYER, N.F. - 1933-1936. Tables systematiques des Hymenopteres parasites (fam. Ichneumonidae) de L'URSS et des pays limitrophes, vol. 1-6. Moskva-Leningrad.
- ONAT, G. - 1974. Adapazari Pancar Ekim Alanlarinda Pancar Guvesinin (*Scrobipalpa ocellatella* BOYD.) Biyo-okolojisi, Zarar Derecesi ve Savasi Uzerinde Galismalar. - Türkiye Sekir Fab. A. S. Yayinlari, No 189: 104.
- ONCÜER, C. - 1991. A catalogue of the Parasites and Predators of Insect pests of Turkey. - Ege Univ. Ziraat Fak. Yayinlari, No 505: 1-354.
- ONUCAR, A. & ZUMREOGLU, A. - 1985. Ege Bolgesi'nde meyve agaclarinda zarar yapan Meyve goz kurtlari (*Anthonomus* spp., Col. Curculionidae) uzerinde on calismalar. - Bit. Kor. Bult. 25 (3-4): 139-149.
- ÖZDEMİR, N. - 1981. Karadeniz Bolgesi Misirlarinda Zarar Yapan Misir Kurdu (*Ostrinia nubilalis* HB., Lepidoptera, Pyralidae)' nun Biyo-okolojisi Uzerinde Arastirmalar. - Samsun Bol. Zir. Muk. Arst. Enst. Md. Arastirma Eserleri, Serisi No 26: 86.
- ÖZDEMİR, Y. & KILINCER, N. - 1990. The Species of Pimplinae and Ophioninae from Central Anatolia. - Türk. II Biol. Müc. Kongr. 26-29. Eylül 1990: 309-318, Ankara.
- RASNITSIN, A. - 1984. Types of Ichneumoninae (Hymenoptera, Ichneumonidae) preserved in the Zoological Institute Academie of Sciences of the USSR. I. Taxa, described from the USSR. - Rev. d'Ent. 63 (4): 790-801.
- ROMAN, A. - 1910. Notizen zur Schlupfwespensammlung des schwedischen Reichsmuseums. - Ent. Tidskr. 31: 109-196.
- ROSSEM, G. van. - 1969. A study of the genus *Meringopus* FOERSTER in Europe and of some related species from Asia (Hymenoptera, Ichneumonidae, Cryptinae). - Tijdschr. Ent. 112 (6): 165-196.
- ROSSEM, G. van - 1969. A revision of the genus *Cryptus* FABRICIUS s.str. in the Western Palearctic region, with keys to genera of Cryptina and species of *Cryptus* (Hymenoptera, Ichneumonidae). - Tijdschr. Ent. 112 (9): 299-374.
- ROSSEM, G. van - 1971. Additional notes on the genus *Trychosis* FOERSTER in Europe (Hymenoptera, Cryptinae). - Tijdschr. Ent. 114 (5): 213-215.
- SACHTLEBEN, H. - 1962. Bibliographie der Paläarktischen Ichneumoniden. - Betr. Ent. 1/2: 1-242; 5/6: 720-731; 7/8: 915-938.
- SANBORNE, M. - 1984. A revision of the world species of *Sinophorus* (Ichneumonidae). - Mem. Amer. Ent. Inst. 38: 1-403.
- SAWONIEWICZ, J. - 1985. Revision of European species of the subtribe Endaseina (Hymenoptera, Ichneumonidae) I. - Ann. Zool. 39 (6): 131-146.
- SCARAMOZZINO, P.L. - 1986. Un nuovo Acaenitino delle Alpi Liguri *Mesoclistus casalei* n. sp. e catalogo ragionato delgi Acaenitini italiani (Hymenoptera, Ichneumonidae, Acaenitinae). - Boll. Mus. reg. Sci. nat. Torino 4 (1): 63-75.
- SCHIMITSCHEK, E. - 1944. Forstinsecten der Türkei und ihre Umwelt. - Volk und Reich Verlag Prag. XVI + 371 pp. Amsterdam / Berlin / Wien.
- SCHMIEDEKNECHT, O. - 1902-1927. Opuscula Ichneumonologica Vol. 1-5, Blankenburg i. Thür.
- SCHMIEDEKNECHT, O. - 1928-1936. Opuscula Ichneumonologica, Suppl. 1-25.
- SCHWARZ, M. - 1989. Revision der Gattung *Enclisis* TOWNES (Ichneumonidae, Hymenoptera). - Linz. biol. Beitr. 21 (2): 497-522.

- SEDIVY, J. - 1956. A contribution to the knowledge of the Ichneumon flies of the tribes Helligiini, Anomalonini and Therionini in Czechoslovakia (Hymenoptera, Ichneumonidae). - Acta Faun. Ent. Mus. Nat. Prag. 1 (13): 127-139.
- SEDIVY, J. - 1958. Faunistische und taxonomische Bemerkungen zu den Ichneumoniden der Tschechoslowakei. Pimplinae I. - Acta faun. ent. Mus. Nat. Prag. 3: 97-108.
- SEDIVY, J. - 1959. Wissenschaftliche Ergebnisse der Zoologischen Expedition des National-Museums in Prag nach der Türkei. - Acta Ent. Mus. Nat. Prag. 33 (539): 107-116.
- SEDIVY, J. - 1969. Dryhy podceledi Cremastinae v ceskoslovensku (Hymenoptera, Ichneumonidae). - Zpravy Csl. Spol. ent., CSAV, 5: 34-46.
- SEDIVY, J. - 1971. Revision der europäischen *Temelucha* Arten (Hymenoptera, Ichneumonidae). - Acta Sc. nat. Acad. Brno 5 (1): 1-34.
- SEKENDIZ, O.A. - 1987. *Pityokteines curvidens* GERM. (Coleoptera, Scolytidae)'in Dogu Karadeniz Ormanlarında, Dogu Goknari (*Abies nordmanniana* STEV. SPACH.) uzerindeki zararları ve biyolojisi. - Turkiye I. Entomologi Kongresi, 13-16 Ekim: 209-218, Izmir.
- SELF, J., BORDERA, S. & JIMINEZ, R. - 1988. Sobre algunos Ichneumoninae (Hymenoptera, Ichneumonidae) recolectados en los Pirineas Leridano y Oscense. - Actas III Congreso Iberico de Ent.: 365-372.
- SOYDANBAY, M. (T.) - 1976. Turkiye'de bitki Zararlıları bazı böceklerin dogal dusman listesi, Kisim I. - Bitki Kor. Bul. 16 (1): 40.
- SOYDANBAY, M. (T.) - 1978. Turkiye'de bitki Zararlıları bazı böceklerin dogal dusman listesi, Kisim II. - Turk. Bit. Kor. Derg. 2 (2): 61-92.
- SZEPLIGETI, G.V. - 1911. Familie Ichneumonidae, Gruppe Mesochoroidae (Ophionoidae part.), Subfam. Limneriinae, Mesochorinae, Adelognathinae, Plectiscinae, Banchinae, Neomesochorinae and Paniscinae. - Gen. Ins. Bruxelles 114: 1-100.
- SZEPLIGETI, G.V. - 1914. Ichneumoniden aus der Sammlung des Ungarischen National Museums I. - Ann. hist. nat. Mus. Nat. Hung. 12: 424-434.
- SZEPLIGETI, G.V. - 1916. Ichneumoniden aus der Sammlung des Ungarischen National Museums. - Ann. Mus. Nat. Hung. 14: 225-380.
- TOLKANITZ, VI. - 1981. Ichneumonidae, Phytodietini. - Fauna Ukraina 11 (1): 1-148.
- TOLKANITZ, VI. - 1985. Ichneumon flies of the genus *Metopius* (Hymenoptera, Ichneumonidae). - Zool. Journ. 64 (9): 1392-1406.
- TOLKANITZ, VI. - 1987. Parasiticheskie pereponchatokrilie (Ichneumonidae, Metopiinae). - Fauna Ukraina 11 (2): 1-212.
- TOWNES, H. - 1971. The genera of Ichneumonidae, part 1-4. - Mem. Amer. Ent. Inst. 11, 12, 13 and 17.
- TOWNES, H. - 1983. Revision of twenty genera of Gelini (Ichneumonidae). - Mem. Amer. Ent. Inst. 35: 1-281.
- TOWNES, H., MOMOI, S. & TOWNES, M. - 1965. A catalogue and reclassification of Eastern palaearctic Ichneumonidae. - Mem. Amer. Ent. Inst. 5: 1-661.
- TUATAY, N., KALKANDELEN, A. & (CAGATAY) AYSEV, N. - 1972. Nebat Koruma Musei Bocek Katalogu (1961-1971). - Zir. Muc. ve Zir. Karan. Gn. Md. Yayinlari Mesleki Kitaplar Ser.: 119.
- TURKMEN, S. - 1987. Guneydogu Anadolu Bolgesinde yeni bir baglagilzararlısi (*Amicta oberthuri* HEY.) (Lepidoptera, Psychidae). - Turkiye I. Ent. Kongresi 13-16 Ekim: 239-248, Izmir.
- ULU, O. - 1983. Izmir ve Manisa Illeri Cevresi Tas Cekirdekli Meyve Agaclarında Zarar Yapan Archips (*Cacoecia*) spp. (Lepidoptera, Tortricidae) Turleri; Taninmalari, Konukculari, Yayilislari ve Kisa Biyolojileri Uzerinde Arastirmalar. - Bornova Bol. Zir. Muc. Ars. Enst. Md. Arastirma Eserleri Ser. 45: 165.
- UZUN, S. - 1987. Izmir ilinde Lahana ve karnabaharlarda zarar yapan Lahana kelebegi (*Pieris brassicae* L., Lepidoptera, Pieridae)'nin parazitleri. - Turk. ent. derg. 11: 237-245.

**Address of author:**

**Janko KOLAROV**  
**Zoology Chair**  
**Biological Faculty**  
**University of Sofia**  
**8 Dragan Zankov Boul.**  
**1421 Sofia, Bulgaria**

---

**Druck, Eigentümer, Herausgeber, Verleger und für den Inhalt verantwortlich:**  
**Maximilian SCHWARZ, Konsulent für Wissenschaft der O.Ö. Landesregierung,**  
**Eibenweg 6, A-4052 Ansfelden**  
**Redaktion: Erich DILLER, ZSM, Münchhausenstraße 21, D-81247 München**  
**Max KÜHBANDNER, Marsstraße 8, D-85609 Aschheim**  
**Wolfgang SCHACHT, Scherrerstraße 8, D-82296 Schöngeising**  
**Erika SCHARNHOP, Himbeerschlag 2, D-80935 München**  
**Johannes SCHUBERTH, Mannertstraße 15, D-80997 München**  
**Emma SCHWARZ, Eibenweg 6, A-4052 Ansfelden**  
**Thomas WITT, Tengstraße 33, D-80796 München**  
**Postadresse: Entomofauna (ZSM), Münchhausenstr. 21, D-81247 München;**  
**Tel. (089) 8107-0, Fax 8107-300**

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Entomofauna](#)

Jahr/Year: 1995

Band/Volume: [0016](#)

Autor(en)/Author(s): Kolarov Janko Angelov

Artikel/Article: [A catalogue of the Turkish Ichneumonidae \(Hymenoptera\). 137-188](#)