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## **Contribution to the braconid fauna of the former Yugoslavia VI (Hymenoptera: Braconidae)**

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### **Abstract**

The sixth or present contribution is my final publication concerning the braconid wasps of the former Yugoslavia. 158 species are reported belonging to 17 subfamilies and 42 genera, respectively; further details see in the introductory chapter. Localities, collecting times and collector's names are presented for all species; taxonomical and distributional additions are given where necessary. The overall majority of the braconids, herewith published, is deposited in the Museum Budapest. With three original figures.

### **Zusammenfassung**

Dieser sechste Beitrag ist die letzte von mir publizierte Mitteilung über Braconiden von Jugoslawien. 158 Arten von Braconiden werden aus dem ehemaligen Jugoslawien nachgewiesen. Die Arten repräsentieren 17 Unterfamilien bzw. 42 Gattungen. Weitere Einzelheiten sind angefügt im Kapitel Introduction. Fundorte, Sammelzeit und Namen der Sammler sind bei jeder Art eingetragen. Taxonomische Zugaben und Verbreitungsangaben sind angegeben wo es nötig erscheint. Die überwiegende und hier publizierte Mehrzahl der Braconiden sind im Museum Budapest aufbewahrt. Mit drei Originalabbildungen.

### **Introduction**

The former Yugoslavia was disintegrated into seven republics: Bosnia-Herzegovina, Croatia, Kosovo, Macedonia, Montenegro (= Crna Gora), Serbia and Slovenia. My bra-

conid faunistic contribution covers these independent republics (PAPP 1998). The present or sixth contribution is my final paper of the braconids of the former Yugoslavia; contributions numbered I-V (PAPP 1973-2009) see in References.

About four hundred braconid specimens served for the present contribution: 158 species are reported belonging to 17 subfamilies and 42 genera, respectively. Subsequently the subfamilies are detailed (in alphabetic order) with their respective species number and (in brackets) genus number: Agathidinae 11 (4), Blacinae 5 (1), Brachistinae 30 (6), Braconinae 4 (1), Charmontinae 1 (1), Cheloninae 20 (5), Euphorinae 21 (7), Helconinae 6 (3), Homolobinae 4 (1), Hormiinae 4 (3), Macrocentrinae 3 (1), Meteorinae 11 (2), Miracinae 1 (1), Opiinae 22 (2), Orgilinae 4 (1), Rogadinae 9 (1) and Sigalphinae 2 (2). - The majority of the braconids were identified by me. Several specimens were named by specialists, their names are indicated after the number of the specimen/s in brackets (e.g. det. HAESSEL-BARTH).

Fairly many species are new to the fauna of one or more republics, above all to Croatia, Macedonia and Montenegro. Several naturalists having been participated in the entomological research of the republics in question during the last three decades of the twentieth century and the first years of the present century. The braconids of the earlier five as well as the present contributions were collected first of all by the following Hungarian entomologists: Ferenc MIHÁLYI, András OROSZ, Attila PODLUSSÁNY, (Mrs) Augustza ROZNER, György ROZNER, István ROZNER and Kálmán SZÉKELY.

The entomological collecting sites in Yugoslavia were numbered by HORVATOVICH & PAPP (1972). In the faunistic list only the site-numbers are given, below their respective localities and collecting times are listed:

- No. 2. Serbia, Mts Suva, Babušnica, 500 m, 4 V 1971.
- No. 7. Macedonia, Titov Veles, loess fall, 170 m, 7 V 1971.
- No. 9. Macedonia, Mts Selečka, Pletvor, 900-1200 m, 11 V 1971.
- No. 10. Macedonia, Mts Galičica, Lake Prespa, Oteševo, 900-1400 m, 12-13 V 1971.
- No. 12. Serbia, Kosovo, Mts Žleb, Peč, Rugovo, 700-2000 m 16 V 1971.
- No. 14. Serbia, Kosovo, Peč, Pečka Banja, 600 m, 18 V 1971.
- No. 15. Serbia, Kosovo, Djakovica, Erenik, 500 m, 19 V 1971.
- No. 16. Serbia, Kosovo, Mts Šar, Brezovica, 900-1200 m, 20-23 V 1971.
- No. 18. Montenegro, Bar, 0-100 m, 26 V 1971.

The braconid material herewith published is deposited in the Hungarian Natural History Museum (Department of Zoology), Budapest; a few specimens are housed in the zoological institutes or museums in Berlin, Helsinki, Lund, München, Wien and Zagreb, these latter depositories are indicated at the respective data: e.g. 1 ♀ (in Zagreb).

### Faunistic List Agathidinae

- Agathis assimilis* KOKUJEV, 1898: 1 ♂, Montenegro, leg. ?.
- Agathis fulmeki* FISCHER, 1957: 3 ♂♂, Croatia, Dalmatia, Castelnuovo, 15 VI 1911, leg. SCHUMACHER. 1 ♀: Serbia, Cetate Boli.
- Agathis fuscipennis* (ZETTERSTEDT, 1838) (= *A. glabricula* THOMSON, 1895; = *A. schmiedeknechti* KOKUJEV, 1895): 1 ♂, Montenegro, Zagarac, 21 VI 1911, leg. SPANEY et SCHUMACHER. 1 ♂, Croatia, Diakovar.

- Agathis montana* SHESTAKOV, 1932: 1 ♀, Macedonia, "Ösküb" (= Skopje), 4 VI 1917, leg. SCHULZE.
- Agathis taurica* TELENGA, 1955: 2 ♀♀, Croatia, Gospić.
- Agathis tatarica* TELENGA, 1933: 1 ♀, Macedonia, "Ösküb" (= Skopje), 4 VI 1914, leg. SCHULTZE. - Known in Kazakhstan, Asiatic Russia (Irkutsk oblast) and Mongolia. New to the fauna of Macedonia.
- Cremnops desertor* (LINNAEUS, 1758): 1 ♂, Croatia, Diakovar. 1 ♂, Croatia, Lipik. 1 ♀, Serbia, Deliblato. 1 ♂, Serbia, Novi Sad (= Újvidék). 1 ♂, Serbia, Vršec (= Versec).
- Disophrys caesa* (KLUG, 1835): 1 ♀ + 2 ♂♂, Croatia, Krapina, V, leg. HENSCH. 1 ♀: Serbia, Mala Dragusa, Prokuplje, 28 VIII 1987, leg. A. ČETKOVIĆ.
- Disophrys dissors* KOKUJEV, 1903: 1 ♀, Macedonia, Skopje, Kiselawoda, NO-Hang des Vodno, 400 m, 2 IX 1934, leg. S. ZWICK.
- Earinus elator* (FABRICIUS, 1804) (= *Microdus nitidulus* NEES, 1812): 1 ♀, Croatia, Krapina, 7 V 1920, leg. HENSCH.
- Earinus transversus* LYLE, 1920: 1 ♂, Serbia, Beograd, Mt. Avala, 10 IV 1982, leg. A. ČETKOVIĆ. - Known in England and Hungary (PAPP 2005: 142). New to the fauna of Serbia.

### Blacinae

- Blacus (Blacus) errans* (NEES, 1812): 1 ♀, Macedonia, prov. Mak. Broad, Mt. Drobaci, Treska valley, 2-3 VI 1998, leg. A. OROSZ.
- Blacus (Ganychorus) maculipes* WESMAEL, 1835: 1 ♀, Macedonia, prov. Tetovo, Zelino, 30 V 1998, leg. A. PODLUSSÁNY. 2 ♂♂, Macedonia, prov. Mak. Brod, Mt. Drobaci, Treska valley, 2-3 VI 1998, leg. I. ROZNER.
- Blacus (Blacus) nigricornis* HAESSELBARTH, 1973: 1 ♀, No. 16. - Reported from several countries in Europe, nearest to Kosovo from Hungary and Turkey.
- Blacus (Blacus) procerus* HAESSELBARTH, 1973: 1 ♂, No. 14. - Described from and up to now known in Bohemia (Moravia: Pouzdřany) and Kazakhstan (Tselinograd). New to the fauna of Kosovo.
- Blacus (Ganychorus) ruficornis* (NEES, 1811): 1 ♀ + 1 ♂, Macedonia, prov. Prilep, Pletvar, 13 VII 1997, leg. Gy. ROZNER. 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, 1500 m, 28 V 1998, leg. A. PODLUSSÁNY. 1 ♂, Macedonia, prov. Tetovo, Mts Šar planina, Mt. Popova Sapka, 1600-1800 m, 11 VII 1997, leg. Gy. ROZNER. 1 ♀, Serbia, 20 km S of Leskovać, 13 V 1977, leg. ZOMBORI.

### Brachistinae (= Calyptinae)

- Allodorus tuberculator* (ZETTERSTEDT, 1838): 1 ♀, Bosnia-Herzegovina, Višegrad, Banja, VIII 1916, leg. APFELBECK.
- Eubazus (Brachistes) fuscipalpis* (WESMAEL, 1835): 2 ♂♂, Montenegro, Zabljak, Podgora, 1400 m, 4 VII 1958, leg. F. MIHÁLYI.
- Eubazus (Brachistes) fuscipes* (HERRICH-SCHÄFFER, 1838): 1 ♂, Macedonia, prov. Skopje, Skopska Crna Gora, Mts Dušanovac, Mon. Ilia, 9 V 1977, leg. I. ROZNER.
- Eubazus (Brachistes) gallicus* (REINHARD, 1867): 1 ♀ (in Lund), Croatia, Istria, Rabac, swept in vegetation, 1 VII 1980, leg. L. CEDERHOLM. 3 ♀♀, Kosovo, Ipek (= Peć), 23 VI 1917, leg. CSIKI. 2 ♀♀, Kosovo, Mts Galica, Lums, 1300 m, 16 VII 1918, leg. CSIKI.

- Eubazus (Brachistes) parvulus* (RUTHE, 1867): 1 ♂, Macedonia, prov. Prilep, Pletva, 13 VII 1997, leg. Gy. ROZNER.
- Eubazus (Brachistes) talitzkii* TOBIAS, 1976: 1 ♀, No. 15. 4 ♂♂, No. 16. 1 ♂, No. 18.
- Eubazus (Brachistes) tauricus* TOBIAS, 1986: 1 ♀ + 1 ♂, Macedonia, prov. Kratovo, Trnovac, 7 VI 1998, leg. I. ROZNER. - Described from Ukraine, reported from Hungary. New to the fauna of Macedonia.
- Eubazus (Brachistes) tibialis* (HALIDAY, 1835): 5 ♂♂: No. 10. 2 ♀♀ + 15 ♂♂, Montenegro, Zabljak, Podgora, 1400 m, 30 VI 1958 (2 ♂♂) and 4 VII 1958 (2 ♀♀ + 13 ♂♂), leg. F. MIHÁLYI.
- Foersteria puber* (HALIDAY, 1835) (= *Calypsus opacus* REINHARD, 1867): 1 ♀, Kosovo, Mts Šar, Brezovica, 900-1200 m, leg. J. PAPP et S. HORVATOVICH. 1 ♀, Macedonia, prov. Mak. Brod, Treska valley, 4 km N of Devic, 3 VI 1998, leg. A. OROSZ. - Sporadically in Europe, nearest to Kosovo reported from Croatia, Istria (GRAEFFE 1908) and Greece (PAPP 2007).
- Polydegmon sinuatus* FOERSTER, 1862: 9 ♀♀, Montenegro, Durmitor, Zabljak, 1400-1430 m, 29-30 VI 1958 (3 ♀♀) and 5 VII 1958 (6 ♂♂), leg. F. MIHÁLYI.
- Schizoprymnus ambiguus* (NEES, 1816): 1 ♂, Croatia, Laz, 10 IV 1974, leg. J. PAPP. 1 ♂, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Kavadarci, Debršte, 31 V 1998, leg. I. ROZNER.
- Schizoprymnus angustatus* (HERRICH-SCHÄFFER, 1838): 2 ♂♂, No. 7. 1 ♂, Macedonia, prov. Berovo, Malesevski planina, 15 km S Ratevo, 6 VI 1998, leg. A. OROSZ. 2 ♂♂, Macedonia, prov. Kratovo, Trnovac, 7 VI 1998, leg. I. ROZNER. 1 ♂, Macedonia, prov. Skopje, Skopska Crna Gora, Mon. Sv. Iovan, 22 V 1998, leg. A. OROSZ.
- Schizoprymnus azerbaijanicus* (ABDINBEKOVA, 1967): 1 ♂, Bosnia-Herzegovina, Moševici, 31 V 2002, leg. I. et Gy. Rozner. 1 ♀, Macedonia, prov. Prilep, Mts Dren, Dunje, 7 V 1997, leg. A. PODLUSSÁNY et I. ROZNER. 1 ♂, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. I. ROZNER. 1 ♀ + 1 ♂, Macedonia, prov. Prilep, Mažučiste, 31 V 1998, leg. A. OROSZ et A. PODLUSSÁNY. 2 ♀♀, Macedonia, prov. Skopje, Torbešija, D. Kolican, 30 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER. - Described from Azerbaidzhan, reported from Spain, Bulgaria (nearest to Macedonia), Hungary, Asiatic Russia and Korea (YU et al. 2005). New to the fauna of Macedonia.
- Schizoprymnus crassiceps* (THOMSON, 1892): 1 ♂, Kosovo, Mts Šar, Brezovica, 900-1200 m, 20-23 V 1971, leg. J. PAPP et S. HORVATOVICH.
- Schizoprymnus edentulus* (SZÉPLIGETI, 1901): 2 ♂♂, Croatia, Djakovár (=Diakovo), 30 VI 1892, leg. L. BIRÓ. 1 ♂, Croatia, Dalmatia, Ravni Kotari, Žup. Zadar, Islam Grčki, 11 VI 2001, leg. K. SZÉKELY. 1 ♀, Macedonia, prov. Kavadarci, Dobrište, 31 V 1998, leg. A. PODLUSSÁNY. 1 ♀, Macedonia, prov. Kratovo, Žguri pass, 880 m, 6 VI 1998, leg. I. ROZNER. - Described from Hungary, known in Slovakia, Czechia, Kazakhstan and Asiatic Russia (Omsk oblast). New to the fauna of Croatia and Macedonia.
- Schizoprymnus nigripes* (THOMSON, 1892): 3 ♀♀ + 8 ♂♂, Croatia, Dalmatia, Ravni Kotari, Žup. Zadar, Islan Grčki, 11 VI 2001, leg. K. SZÉKELY.
- Schizoprymnus obscurus* (NEES, 1816): 1 ♀, Kosovo, Ipek (=Peć), 24 VII 1917, leg. CSIKI. 3 ♂♂, No. 9. 3 ♂♂, No. 10. 1 ♂, No. 14. 1 ♂, No. 16. 1 ♂, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. I. ROZNER.
- Schizoprymnus opacus* (THOMSON, 1892): 2 ♂♂, Macedonia, prov. Mak. Brod, Treska

- valley, 4 km N of Devic, 3 VI 1998, leg. A. OROSZ.
- Schizoprymnus pallidipennis* (HERRICH-SCHÄFFER, 1838) (= *Sigalphus strigosa* FAHRINGER, 1935): 1 ♂, Croatia, Djakovár (= Diakovo), 25 V 1892, leg. L. BIRÓ. 1 ♂, No. 16. 1 ♀ + 1 ♂, Macedonia, prov. Kratovo, Grizilevci, Žguri pass, 880 m, 6–7 VI 1998, leg. A. OROSZ. 1 ♀, Macedonia, prov. Prilep, Pletvar, 13 VII 1997, leg. Gy. ROZNER. - Observed sporadically in Central Europe, widely distributed and less frequent in the Palaearctic Region. New to the fauna of Croatia and Macedonia.
- Schizoprymnus parvus* (THOMSON, 1892): 2 ♂♂, Bosnia-Herzegovina, Moševici, 31 V 2002, leg. I. ROZNER. 2 ♀♀, Croatia, Dalmatia, Crkvenica, 25 VI. 2 ♀♀, Croatia, Dalmatia, Novi, 21 VI 1899, leg. K. KERTÉSZ. 10 ♀♀: No. 10. 1 ♂, No. 12. 2 ♂♂ (in Lund), Croatia, Istria, Rabac, swept in vegetation, 1 VII 1980, leg. L. CEDERHOLM. 1 ♂, Croatia, Dalmatia, Vransko jezero, Žup. Benkovac, Radašinovci, 120 m, 18 VI 2002, leg. A. PODLUSSÁNY et K. SZÉKELY. 1 ♀, Macedonia, Rakle, Babuna Mts, 5 VI 1978, leg. I. ROZNER. 1 ♂, Macedonia, prov. Prilep, Mažučiste, 31 V 1998, leg. A. PODLUSSÁNY. 2 ♂♂, Macedonia, prov. Prilep, Plotvar, 13 VII 1997, leg. Gy. ROZNER. 1 ♂, Macedonia, prov. Skopje, Torbešija, D. Kolican, 30 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER. 1 ♂, Macedonia, prov. Štip, Konecka planina, Leskovic, 600 m, 7 V 1997, leg. A. PODLUSSÁNY et I. ROZNER.
- Schizoprymnus pullatus* (DAHLBOM, 1833): 1 ♀, Croatia, Dalmatia, Lokrum island, 7 VIII 1958, leg. S. ENDRÓDY-YOUNGA.
- Schizoprymnus rimosus* TOBIAS, 1966: 1 ♂, Macedonia, Dojran, Lake Dojran, 150-500 m, 9-10 V 1971, leg. J. PAPP et S. HORVATOVICH. - Described and hitherto known from Turkmenia. New to the fauna of Macedonia.
- Schizoprymnus stenopygus* (ŠNOFLÁK, 1953): 1 ♂, Macedonia, prov. Skopje, Torbešija, D. Kolican, 30 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER. - Described from Czechia, reported from Hungary. New to the fauna of Macedonia.
- Schizoprymnus tantalus* PAPP, 1981: 1 ♂, Bosnia-Herzegovina, Moševici, 31 V 2002, leg. I. et Gy. ROZNER. 1 ♀, Croatia, Dalmatia, Žup. Benkovac, Vransko jezero, Radašinovci, 120 m, 18 VI 2002, leg. A. PODLUSSÁNY et K. SZÉKELY. 2 ♂, Macedonia, prov. Skopje, Mt. Ivanje Matka, 900 m, 1 VI 1998, leg. I. Rozner. 1 ♀, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. I. ROZNER. 1 ♂, Macedonia, prov. Kavadarci, Debršte, 31 V 1998, leg. A. OROSZ. 2 ♀♀ + 2 ♂♂, Macedonia, prov. Prilep, Mažučiste, 31 V 1998, leg. A. PODLUSSÁNY.
- Schizoprymnus terebralis* ŠNOFLÁK, 1953: 1 ♀, No. 2. 2 ♀♀ + 1 ♂, No. 6. 1 ♂, No. 10. 1 ♂, No. 16. 3 ♂♂, Kosovo, Priština, V-VII 1972, leg. K. PURRINI. 1 ♂, Macedonia, prov. Skopje, Mts Skopska Crna Gora, Mon. Sv. Iovan, 500-600 m, 27 V 1998, leg. I. ROZNER.
- Triaspis aciculatus* (RATZEBURG, 1848): 2 ♀♀ + 1 ♂, Croatia, Dalmatia, Mljet island, Babino polje, 30 V 2002, leg. Gy. et I. ROZNER. 1 ♂, Macedonia, prov. Kratovo, Grizilevci, Žguri pass, 880 m, 6-7 VI 1998, leg. A. OROSZ.
- Triaspis caudatus* (NEES, 1816): 1 ♀, No. 10. 1 ♀, No. 12. 1 ♀, Bosnia-Herzegovina, Moševici, 31 V 2002, leg. I. et Gy. ROZNER. 1 ♂, Croatia, Dalmatia, Žup. Benkovac, Vransko jezero, Radašinovci, 120 m, 18 VI 2002, leg. A. PODLUSSÁNY et K. SZÉKELY.
- Triaspis facialis* (RATZEBURG, 1852): 1 ♀, Croatia, Dalmatia, Zengg (= Senj), 18 VI 1908, leg. L. BIRÓ. - Distributed sporadically in southern half of Europe: Germany, Hungary,

Italy, Croatia and Bulgaria (GRAEFFE 1908, YU et al. 2005). GRAEFFE (l.c.) reported it from Istria.

*Triaspis flavipalpis* (WESMAEL, 1835): 1 ♀, No. 7. 2 ♂♂, No. 9. 1 ♂, No. 10. 1 ♀, No. 14.  
*Triaspis obscurellus* (NEES, 1816): 1 ♂, No. 9. 1 ♂, No. 10. 1 ♀, Croatia, Dalmatia, Mljet island, Blato, Blatsko polje, 29 V 2002, leg. Gy. et I. ROZNER.

### Braconinae

*Bracon (Glabrobracon) atrator* NEES, 1834: 1 ♂, No. 10.

*Bracon (Glabrobracon) delibator* HALIDAY, 1833 (= *Bracon antracinus* NEES, 1834): 1 ♂, No. 16.

*Bracon (Glabrobracon) marshalli* SZÉPLIGETI, 1901: 1 ♂, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 25 VI 1958, leg. F. MIHÁLYI.

*Bracon (Glabrobracon) parvulus* WESMAEL, 1838: 1 ♀, Kosovo, Ipek (= Peč), Mts Koprivnik, 2000-2300 m, 22 VII 1917, leg. E. CSIKI.

### Charmontinae

*Charmon extensor* (LINNAEUS, 1758): 1 ♀ (in Zagreb), Croatia, Zagreb, 30 VI 1929, leg. HENSCH.

### Cheloninae

*Ascogaster abdominalator* (DAHLBOM, 1833): 1 ♂, Macedonia, prov. Mak. Brod, Treska valley, 4 km N of Devic, 3 VI 1998, leg. A. OROSZ.

*Ascogaster bicarinata* (HERRICH-SCHÄFFER, 1838): 1 ♂, Macedonia, prov. Bitola, Kažani, 5 VI 1998, leg. PODLUSSÁNY. 1 ♀, Macedonia, prov. Mak. Brod, Treska valley, 4 km N of Devic, 3 VI 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Kratovo, Žguri pass, 88 m, 6 VI 1998, leg. I. ROZNER. 1 ♀ + 1 ♂, Macedonia, prov. Prilep, Mažučiste, 31 V 1998, leg. I. ROZNER. 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, Mon. Sv. Jovan, 500-600 m, 22 V 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Skopje, Mt. Ivanje Matka, 900 m, 1 VI 1998, leg. PODLUSSÁNY. 1 ♀ + 1 ♂, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. A. OROSZ et I. ROZNER. - The species is widely distributed and fairly frequent in Europe. New to the fauna of Macedonia.

*Ascogaster caucasica* KOKUJEV, 1895 (= *A. rostratus* SZÉPLIGETI, 1896): 1 ♀, Macedonia, prov. Kavardaci, Debrište, 31 V 1998, leg. A. OROSZ. 2 ♀♀, Macedonia, prov. Mak. Brod, Treska valley, 4 km N of Devic (1 ♀) and 4 km E of Monastirec (1 ♀), 3 VI 1998, leg. A. OROSZ et A. PODLUSSÁNY. 2 ♀♀, Macedonia, prov. Skopje, Mrsevci, 26 V 1998, leg. A. OROSZ. 1 ♀, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. I. ROZNER.

*Ascogaster excisa* (HERRICH-SCHÄFFER, 1838): 1 ♀, Croatia, Dalmatia, Crkvenica, 1 VII 2001, leg. K. SZÉKELY. 4 ♀♀, Croatia, Dalmatia, Žup. Benkovac, Vransko jezero, Radašinovci, 120 m, 18 VI 2002, leg. A. PODLUSSÁNY et K. SZÉKELY. - HUDDLESTON (1984: 355) reported it from France, Bulgaria and Kazakhstan; YU et al. (2005) added to it Spain, Italy, Germany, Switzerland, Hungary, Bulgaria, Moldavia and Azerbaidzhan. A less frequent to sporadic species. New to the fauna of Croatia.

*Ascogaster quadridentata* WESMAEL, 1835: 1 ♂, Croatia, Istria, Rabac, swept in vegetation, 1 VII 1980, leg. CEDERHOLM.

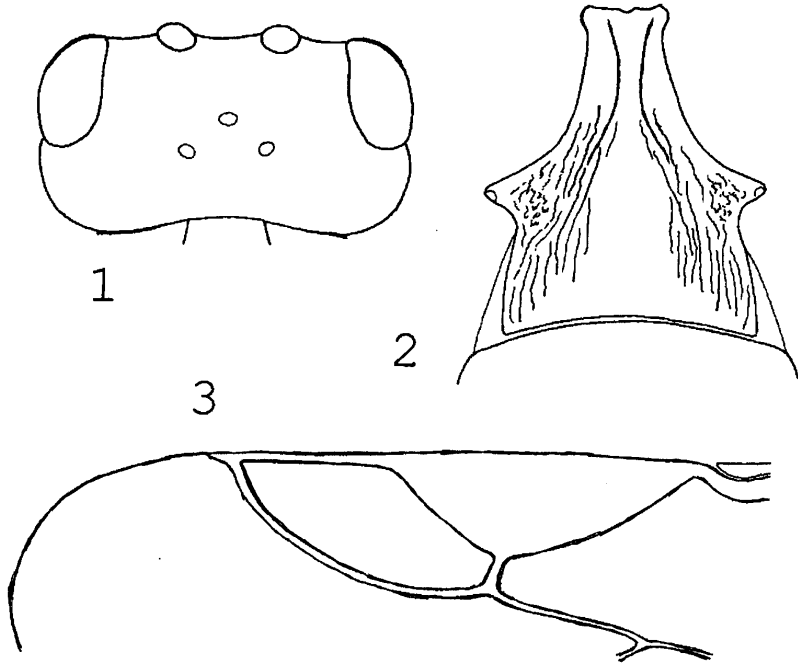
*Chelonus annulatus* (NEES, 1816): 1 ♀ (in Lund), Croatia, Gospić, 18 VII.

- Chelonus caradrinae* KOKUJEV, 1914: 2 ♀♀ (in Lund), Croatia, Istria, Rabac, swept in vegetation, 1 VII 1980, leg. CEDERHOLM.
- Chelonus contrarius* TOBIAS, 1964: 1 ♀, Kosovo, Sandzhak, Korita, 9 VII 1917, leg. E. CSIKI. - Known in Hungary, Slovakia, Romania (Transylvania), Kazakhstan and Mongolia (YU et al. 2005). New to the fauna of Kosovo.
- Chelonus jaicus* TOBIAS, 1972: 1 ♀, Croatia, Spalato (=Split), 1914, leg. G. HORVÁTH. - Known from Kazakhstan, Mongolia and Hungary (YU et al. 2005). New to the fauna of Croatia.
- Chelonus oculator* (PANZER, 1779): 1 ♀ + 2 ♂♂, Croatia, Dalmatia, Novi, 14 VII 1899, leg. KERTÉSZ et SZÉPLIGETI. 1 ♀, Zengg (= Senj), 8 VII.
- Chelonus pannonicus* SZÉPLIGETI, 1896 (?= *Ch. capsa* TOBIAS, 1972): 1 ♀, Croatia, Dalmatia, Novi.
- Microchelonus arcuatilis* TOBIAS, 1986: 2 ♂♂ (as *M. atripes* THOMSON, 1874 in PAPP 1975: 313, emendation), Kosovo, Sandzhak, Korita, 9 VII 1917, leg. CSIKI. - Up to now known in Moldavia and Hungary (YU et al. 2005). New to the fauna of Kosovo.
- Microchelonus atripes* (THOMSON, 1874): 2 ♀♀ + 1 ♂, Serbia, Mts Maljen, Bačeva, 4 VI 1978, leg. I. ROZNER.
- Microchelonus caucasicus* (ABDINBEKOVA, 1967): 1 ♀, Croatia, Jardanovo, 21 VI 1978, leg. I. ROZNER. 1 ♀ + 1 ♂, Croatia, Dalmatia, Novi, leg. K. KERTÉSZ. 1 ♀ (as *M. retusus* NEES, 1816 in PAPP 1975: 316, emendation), Kosovo, Peć, Pečka Banja, 600 m, 18 V 1971, leg. HORVATOVICH et J. PAPP. 1 ♀, Montenegro, Zabljak (Durmitor), 1400 m, 30 VI 1958, leg. F. MIHÁLYI.
- Microchelonus helleni* TOBIAS, 1999: 1 ♀ (holotype, in Helsinki), Macedonia, "Ochrid, 6 VII 1954, W. Hellén" (after TOBIAS 1999: 702).
- Microchelonus microphthalmus* (WESMAEL, 1838): 1 ♀, Croatia, Mts Velebit, Brušani, 20 VI 1978, leg. I. ROZNER. 4 ♀♀ + 4 ♂♂ (as *M. erosus* HERRICH-SCHÄFFER, 1838, see PAPP 1975: 313, emendation), Kosovo, Mts Šar, Brezovica, 900-1200 m, 20-23 V 1971, leg. HORVATOVICH et J. PAPP. 1 ♀ (as *M. erosus* HERRICH-SCHÄFFER, 1838, see PAPP 1975: 313, emendation), Macedonia, Štip, river Kriva Lakavica, 300 m, 8 V 1971, leg. HORVATOVICH et J. PAPP (loc. no. 6). - In the southern half of Europe sporadic to frequent. Remark: The true *M. erosus* (HERRICH-SCHÄFFER, 1838) was listed under the name *M. frivaldszkyi* SHENEFELT, 1973 (PAPP 1975: 314).
- Microchelonus subcontractus* (ABDINBEKOVA, 1971): 1 ♂ (as "cf. *rimulosus* THOMSON" in PAPP 1975: 316, emendation), Kosovo, Mts Šar, Brezovica, 900-1200 m, 20-23 V 1971, leg. HORVATOVICH et J. PAPP. - Widely distributed in Europe, nearest to Kosovo in Romania, Hungary and Greece (YU et al. 2005).
- Phanerotoma fracta* KOKUJEV, 1903: 1 ♂ (in Lund), Croatia, Istria, Rabac, swept in vegetation, 1 VII 1980, leg. CEDERHOLM.
- Phanerotomella bisulcata* (HERRICH-SCHÄFFER, 1838): 1 ♀, Serbia, Mala Draguša, Prokuplje, 16 VIII 1984, leg. A. ČETKOVIĆ.
- Phanerotomella rufa* (MARSHALL, 1898): 1 ♀, Croatia, Dalmatia, Novi, leg. SZÉPLIGETI. 1 ♂, Croatia, Dalmatia, Crkvenica, 1 VII 2001, leg. SZÉKELY.

## Euphorinae

- Allurus muricatus* (HALIDAY, 1833): 1 ♂, Macedonia, Tetovo, Gajre, 17 VI 1987, leg. ČETKOVIĆ.
- Ancylocentrus subsulcatus* (THOMSON, 1895): 1 ♂, Serbia, Kosjerić, 11 VII 1983, leg. ČETKOVIĆ. - In Europe sporadically distributed. Nearest to Serbia known in Hungary (SZŐCS 1979: 205 as *Leiophron subsulcatus*).
- Ancylocentrus nasutus* (WESMAEL, 1838) (= *Leiophron saxo* REINHARD, 1862): 1 ♀, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 25 VI 1958, leg. F. MIHÁLYI.
- Perilitus (Microctonus) aethiops* NEES, 1834: 1 ♂, Macedonia, prov. Gostivar, Mt. Bistra, 1500 m, 30 V 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Gostivar, Mt. Bistra, Galicnik, 1700-1800 m, 30 V 1998, leg. A. OROSZ. 1 ♂, Macedo 1 ♂, Macedonia, prov. Skopje, Skopska Crna Gora, Creševo, 800-1200 m, 4 V 1997, leg. A. PODLUSSÁNY et I. ROZNER.
- Perilitus (Microctonus) colesi* (DREA, 1968): 3 ♀♀ + 1 ♂, Macedonia, prov. Skopje, Torbešija, D. Klican, 30 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER. - It is a Holarctic species. In Europe widely distributed, nearest to Macedonia known in Greece and Bulgaria (HAESSELBARTH 2008: 1056). New to the fauna of Macedonia.
- Perilitus (Microctonus) dilleri* HAESSELBARTH, 2008: 1 ♂, Montenegro, Durmitor, Zabljak, 1400 m, 30 VI 1958, F. MIHÁLYI. - Described recently from several countries of Europe, nearest to Montenegro known in Bulgaria and Hungary (HAESSELBARTH 2008: 1064). New to the fauna of Montenegro.
- Perilitus (Microctonus) emmae* (DELUCI, 1952): 4 ♂♂, Montenegro, Durmitor, Zabljak, 30 VI 1958, leg. F. MIHÁLYI. - It seems a rare species, described from South Italy (peninsula Salentina: Tricase), recorded in Bulgaria. New to the fauna of Montenegro.
- Perilitus (Microctonus) fagi* HAESSELBARTH, 2008: 1 ♂, Macedonia, prov. Kruševo, Kruševo, Mt. Crn Vrh, 1400 m, 13 VII 1997, leg. GY. ROZNER. 2 ♂♂, Macedonia, prov. Skopje, Mt. Vodno, 16 VII 1997, leg. GY. ROZNER.
- Perilitus (Microctonus) latopetirolatus* HAESSELBARTH, 2008 (Figs 1-3): 1 ♀, Macedonia, prov. Skopje, Torbešija, D. Klican, 30 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER. - The species was recently described on the basis of the single female holotype specimen from the Netherlands (HAESSELBARTH 2008: 1076). New to the fauna of Macedonia. The female specimen from Macedonia deviates in a few features from the holotype specimen (known only by its original description, in nature unknown). Female holotype: Temple in dorsal view less rounded (Abb. 181 in HAESSELBARTH 2008: 1136). Pair of spiracles of first tergite not protruding (Abb. 182 l.c.). Antenna with 22 antennomeres. Fore wing: pterostigma issuing r just distally from its middle. The female specimen from Macedonia: Temple in dorsal view more rounded (Fig. 1). Pair of spiracles of first tergite protruding (Fig. 2). Antenna with 24 antennomeres. Fore wing: Pterostigma issuing r clearly distally from its middle (Fig. 3).
- Peristenus (Microctonus) melanopus* (RUTHE, 1856): 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, Creševo, 800-1200 m, 4 V 1997, leg. A. PODLUSSÁNY et I. ROZNER.
- Perilitus (Microctonus) milkae* HAESSELBARTH, 2008: 1 ♀, Macedonia, prov. Kruševo, Kruševo, Mt. Crna Gora Vrh, 1400 m, 13 V 1997, leg. Gy. ROZNER. - The female holotype + 7 female paratypes of this species was reared from *Altica quercetorum* FOU DRAS (Col. Chrysomelidae), the host was taken in Serbia ("Bukovik, Raška" by M.





Figs 1-3 *Perilitus (Microctonus) latopetiolatus* HAESSELBARTH, 2008: 1 = head in dorsal view, 2 = first tergite, 3 = distal part of left fore wing.

GLAVENDEKIĆ) in 1991-1992. Further paratypes originating from Moldavia (6 ♀♀) and Austria (1 ♀) (HAESSELBARTH 2008: 1080). New to the fauna of Macedonia.

*Peristenus grandiceps* (THOMSON, 1892): 2 ♀♀, Macedonia, prov. Bitola, Kazani, 4 VI 1998, leg. A. OROSZ. - In Europe widely distributed, in the Balkan Peninsula known only in Greece so far.

*Peristenus obscuripes* (THOMSON, 1892): 1 ♀, Macedonia, prov. Skopje, Mts Skopska Crna Gora, 1400-1500 m, 28 V 1988, leg. A. OROSZ. 1 ♂, Serbia, Beograd, Voždovac, 6 VI 1983, leg. A. ČETKOVIĆ.

*Peristenus pallipes* (CURTIS, 1833): 1 ♀, Macedonia, prov. Gostivar, Mt. Bistra, Galicnik, 1700-1800 m, 30 V 1998, leg. A. OROSZ. 2 ♂♂, Serbia, Beograd, Mt. Avala, IV 1984, leg. A. ČETKOVIĆ.

*Peristenus (Microctonus) relictus* (RUTHE, 1856) (= *Leiophron orthotyli* RICHARDS, 1967): 1 ♂, Macedonia, prov. Gostivar, Mt. Bistra, 1500 m, 30 V 1998, leg. A. OROSZ. 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, 1500 m, 28 V 1998, leg. A. PODLUSSÁNY.

*Peristenus stenodemae* LOAN, 1973: 1 ♂, Macedonia, prov. Mak. Brod. Treska valley, 4 km N of Dević, 3 VI 1998, leg. A. OROSZ. - Its known distribution restricting to Po-

- land, Hungary and Switzerland (YU et al. 2005). New to the fauna of Macedonia.
- Pygostolus falcatus* (NEES, 1834): 1 ♀, Croatia, Dalmatia, Rijeka, Kostrena, taken with light trap, 14 VIII 1966, leg. ?. 1 ♀ + 1 ♂, Croatia, Dalmatia, Rijeka, Kraljevica, 1 ♂: 19 VIII 1966 and 1 ♀: 29 IX 1966, leg. ?. 1 ♀, Serbia, Beograd, Voždovec, 10 IX 1980, leg. ČETKOVIĆ.
- Pygostolus multiarticulatus* (RATZEBURG, 1852): 1 ♂, Croatia, Istria, Rabac, taken at light in a garden, 5 VII 1980, leg. L. CEDERHOLM.
- Pygostolus sticticus* (FABRICIUS, 1798): 1 ♀, Croatia, Dalmatia, Ragusa (= Dubrovnik), leg. S. RUDOLPH. 1 ♀, Croatia, Dalmatia, Rijeka, Kraljevica, taken with light trap, 30 VIII 1966, leg. ?.
- Rilipertus intricatus* (RUTHE, 1859): 1 ♂, Macedonia, prov. Skopje, Mts Skopska Crna Gora, Mon. Sv. Iovan, 500-600 m, 27 V 1998, leg. I. ROZNER. - Widely distributed in Europe, nearest to Macedonia known in Hungary and Italy (YU et al. 2005). New to the fauna of Macedonia.
- Townesilitus bicolor* (WESMAEL, 1835): 1 ♂, Croatia, Dalmatia, Novi, leg. SZÉPLIGETI. - Frequent in Europe, in the Balkan Peninsula known in Albania and Serbia (ŽIKIĆ et al. 2000). New to the fauna of Croatia.

### Helconinae

- Diospilus capito* (NEES, 1834): 1 ♀, Croatia, Djakovár (=Diakovo), leg. SZÉPLIGETI. 1 ♀ (in Berlin), Croatia, Istria, Monte Maggiore, 800-1000 m, leg. G. ENDERLEIN. 1 ♀, Croatia, Mts Velebit, Krasno, 8 VIII 1999, leg. A. PODLUSSÁNY. 1 ♀, Croatia, Mts Velebit, Oltari, 7 VIII 1999, leg. I. ROZNER.
- Diospilus ephippium* (NEES, 1834): 5 ♂♂, "Central-Bosnien", REITTER Coll.
- Diospilus kokujevi* TOBIAS, 1986: 5 ♂♂, "Central-Bosnien", REITTER Coll. - Described from European Russia (Yaroslav oblast), reported from Hungary and Germany. New to the fauna of Bosnia-Herzegovina.
- Helcon nunciator* (FABRICIUS, 1793) (= *H. femoralis* THOMSON, 1892): 1 ♀, Croatia, Krapina, 10 VI 1929, leg. HENSCH.
- Helconidea dentator* (FABRICIUS, 1804): 2 ♂♂, Montenegro (= Crna Gora), Mts Durmitor, Tara river, Splaviste, 28 VI 1988, leg. A. ČETKOVIĆ.
- Helconidea ruspator* (LINNAEUS, 1758) (= *Helcon dentator* NEES, 1812): 1 ♀, Serbia, Stara planina, Crmovrska reka, 17 VII 1983, leg. A. ČETKOVIĆ.

### Homolobinae

- Homolobus annulicornis* (NEES, 1834): 5 ♀ + 4 ♂ (in Zagreb), Croatia, Krapina, 1 ♂: 12 VIII 1923 and 5 ♀♀ + 3 ♂♂: VII-IX 1929, one male taken from *Daucus carota* in September, leg. HENSCH. 2 ♂♂ (in Zagreb), Croatia, Zagreb, 30 VI 1929. 1 ♀, Serbia, Lastra, Valjevo, 19 V 1984, leg. A. ČETKOVIĆ. 1 ♀ + 2 ♂♂, Serbia, Mala Draguša, Prokuplje, 1 ♂: 5 VIII 1980, 1 ♀: 4 IX 1983, 1 ♂: 1 V 1986, leg. A. ČETKOVIĆ.
- Homolobus infumator* (LYLE, 1914): 1 ♀ + 1 ♂ (in Zagreb), Bosnia-Herzegovina, Blace, 6 VII 1996, leg. F. PEROVIĆ. 1 ♂, Croatia, Krapina, 30 X 1928, leg. HENSCH. 1 ♀, Serbia, Mts Kopaonik, Jošanička banja, 6 VIII 1986, leg. VUKČAVIĆ. 1 ♀, Serbia, Kotisina, 27 IV 1996, leg. F. PEROVIĆ.
- Homolobus meridionalis* VAN ACHTERBERG, 1979: 1 ♀ (in München), Croatia, Istria, Ro-

vinj, Küstengebiet 0-50 m, X 1966, leg. DANIEL. - Widely distributed in the Mediterranean Subregion, in the Balkan Peninsula known in Greece so far.

*Homolobus truncator* (SAY, 1828): 9 ♀♀ + 13 ♂♂ (in Zagreb), Croatia, Krapina, VI-VIII and X 1912, 1916, 1923, 1929, leg. HENSCH.

### Hormiinae

*Hormius moniliatus* (NEES, 1811): 1 ♂, Macedonia, prov. Kruševo, Kruševo, Mt. Crna Vrv, 1400 m, 13 VII 1997, leg. Gy. Rozner. 2 ♂♂, Macedonia, prov. Skopje, Mt. Vodno, 16 VII 1996, leg. GY. ROZNER. 1 ♂, Macedonia, prov. Tetovo, Šar planina, Mt. Popova Sapka, 1600-1800 m, 11 VII 1997, leg. GY. ROZNER. 1 ♀, Macedonia, prov. Tetovo, Želino, 30 V 1998, leg. I. ROZNER.

*Hormius radialis* TELENGA, 1941: 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, Mt. Dušanovac, 800 m, 9 VII 1997, leg. Gy. ROZNER. - Distributed in Asia (Afghanistan Azerbaijan, Kazakhstan, Turkmenia) and Spain. New to the fauna of Macedonia.

*Noserus similis* (SZÉPLIGETI, 1896): 1 ♀ (det. BELOKOBYLSKIJ 2000), Macedonia, prov. Skopje, Mrsevci, 26 V 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Skopje, Skopska Crna Gora, Mt. Dušanovac, 9 VII 1997, leg. GY. ROZNER. - Widely distributed in the Palaearctic Region, in Balkan Peninsula reported from Bulgaria and Croatia.

*Rhysipolis caudatus* (THOMSON, 1892): 1 ♀, Croatia, Dalmatia, Bakar, 12 IX 1966, leg. V. UREMOVIĆ. - Described from Sweden, reported from Finland, Germany and Hungary. New to the fauna of Croatia.

### Macrocentrinae

*Macrocentrus (Macrocentrus) bicolor* CURTIS, 1833: 1 ♂, No. 7. 1 ♀, Serbia, Beograd, Voždovac, 6 VI 1983, leg. A. ČETKOVIĆ. 1 ♀, Serbia, Petuica, Valjevo, 18 VI 1984, leg. A. ČETKOVIĆ.

*Macrocentrus (Amicroplus) collaris* (SPINOLA, 1808): 1 ♂, Macedonia, prov. Berovo, Mts Malesevski, 800 m, 6 VI 1998, leg. A. OROSZ. 1 ♀, Macedonia, prov. Kruševo, Mt. Crna Vrv, Kruševo, 1400 m, 31 V 1998, leg. A. OROSZ. 1 ♀, Macedonia, prov. Mak. Brod, Mt. Drobaci, Treska valley, 2-3 VI 1998, leg. I. ROZNER. 2 ♀♀, Macedonia, prov. Skopje, Skopska Crna Gora, Mon. Sv. Ilija, 300 m, 27 V 1998, leg. A. PODLUSSÁNY. 8 ♀♀ + 13 ♂♂, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, VI-VII 1958, leg. F. MIHÁLYI. 1 ♀, Serbia, Voivodina, Becse, 20 V 1970, leg. ?.

*Macrocentrus (Macrocentrus) townesi* VAN ACHTERBERG & HAESSELBARTH, 1983: 1 ♂, Serbia, Stara planina, Babiu Zub, 11 VII 1983, leg. A. ČETKOVIĆ. -VAN ACHTERBERG (1993: 58) listed its localities in The Netherlands, Germany, Austria, Poland and Bulgaria. New to the fauna of Serbia.

### Meteorinae

*Meteorus abdominator* (NEES, 1811): 1 ♀ + 1 ♂, Croatia, Krapina, VI-VII 1929, leg. HENSCH. 1 ♂ (as *M. tabidus* WESMAEL, see PAPP 1973: 6, emendation), Kosovo, No. 16. 1 ♀ + 1 ♂, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, VI 1958, leg. F. MIHÁLYI. 1 ♂, Montenegro (= Crna Gora), Mts Komovi, Bjeluha, 1600 m, 11 VI 1978, leg. I. ROZNER.

*Meteorus colon* (HALIDAY, 1835): 1 ♂, Croatia, Krapina, 31 VIII, leg. HENSCH. 1 ♀, Mon-

- tenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 4 VII 1958, leg. F. MIHÁLYI.
- Meteorus consimilis* (NEES, 1834): 2 ♂♂ (in Zagreb), Croatia, Krapina, VII-VIII 1929, leg. HENSCH. 1 ♂, Croatia, Pregrada, 23 VII 1929, leg. HENSCH.
- Meteorus gyrator* (THUNBERG, 1824): 1 ♀ (in Lund), Croatia, Istria, Rabac, taken at light in a garden, 5 VII 1980, leg. L. CEDERHOLM.
- Meteorus hirsutipes* HUDDLESTON, 1980: 1 ♀ (det. HUDDLESTON), Croatia, Krapina, leg. HENSCH.
- Meteorus rubens* (NEES, 1811): 1 ♀, Croatia, Dubrovnik, 24–25 VIII 1967, leg. L. ZOMBORI. 1 ♀, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 30 VI 1958, leg. F. MIHÁLYI. 2 ♀♀, Serbia, Beograd, 22 VII 1928, leg. Z. SZILÁDY.
- Meteorus salicorniae* SCHMIEDEKNECHT, 1897: 1 ♀ (as *M. longicaudis* RATZEBURG, see PAPP 1973: 5, emendation), Croatia, Krapina, leg. HENSCH. 1 ♀, Croatia, Mts Velebit, Krasno, 8 VIII 1999, leg. A. PODLUSSÁNY. 1 ♀, Croatia, Dalmatia, Mljet island, Dugo polje, 29 V 2002, leg. Gy. et I. Rozner. - A South European species with intrusions into Central Europe. First reported from Croatia by FISCHER (1959: 6) and from Serbia by BRAJKOVIĆ (1989: 136).
- Meteorus versicolor* (WESMAEL, 1835): 1 ♀, Croatia, Krapina, 12 V 1929, leg. HENSCH. 1 ♀, Macedonia, prov. Skopje, Mt. Vodno, 16 VII 1997, leg. GY. ROZNER.
- Zelee albiditarsus* Curtis, 1832: 1 ♀, Serbia, Stara planina, leg. MERKL.
- Zelee chlorophthalmus* (SPINOLA, 1808): 1 ♀ (in Zagreb), Croatia, Krapina, 9 VI, leg. HENSCH.
- Zelee deceptor* (WESMAEL, 1835): 1 ♂, Croatia, Krapina, 8 IX, leg. HENSCH.

### Miracinae

- Mirax rufilabris* HALIDAY, 1833: 5 ♀♀, Croatia, Mts Velebit, Sveti Juraj, 6-9 VIII 1999, leg. A. PODLUSSÁNY.

### Opiinae

- Biosteres (Chilotrichia) advectus* PAPP, 1979: 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, Mon. Sv. Iovan, 500-600 m, 27 V 1998, leg. A. OROSZ. - Described from Hungary and Serbia (Voivodina). New to the fauna of Macedonia.
- Biosteres (Chilotrichia) borealis* (ZETTERSTEDT, 1838) (= *B. (Ch.) brevipalpis* THOMSON, 1895): 1 ♀, Serbia, Stara planina, Babiu Zub, 11 VII 1983, leg. A. ČETKOVIĆ. - Widely distributed in the Palearctic Region; new to the fauna of Serbia.
- Opius (Nosopoea) cingulatus* WESMAEL, 1835: 1 ♀, Kosovo, p. Mitrovica
- Opius (Hypocynodus) crassipes* WESMAEL, 1835: 1 ♀, Macedonia, prov. Kavardaci, Dobrište, 31 V 1998, leg. A. PODLUSSÁNY. 1 ♀, Macedonia, prov. Mak. Brod, Treska valley, 4 km N Devič, 3 VI 1998, leg. I. ROZNER. 1 ♀, Macedonia, prov. Prilep, Ropocovo, 31 V 1998, leg. I. ROZNER.
- Opius (Nosopoea) curtifemur* FISCHER, 1961: 1 ♀, Croatia, Laz, 10 IV 1974, leg. J. PAPP. - Known in Germany, Bohemia, Hungary (PAPP 1979: 76), Slovakia, Romania (Transylvania), Moldavia and Ukraine (YU et al. 2005). New to the fauna of Croatia.
- Opius (Phaedrotoma) diversiformis* FISCHER, 1960: 1 ♀, Macedonia, prov. Skopje, Skopska Crna Gora, Mt. Dušanovac, 800 m, 9 VII 1997, leg. Gy. ROZNER. - Widely distributed in Europe, nearest to Macedonia known in Hungary and Italy.

- Opius (Pendopius) exilis* HALIDAY, 1837: 1 ♀, No. 16.
- Opius ((Opiothorax) funebris* WESMAEL, 1835: 1 ♂, Croatia, Dalmatia, Ravni Kotari, Žup. Zadar, Islam Latinski, 180 m, 2 V 2002, leg. A. PODLUSSÁNY. 1 ♀, Macedonia, prov. Mak. Brod, Mt. Drobaci, Treska valley, 2-3 VI 1998, leg. I. ROZNER. 4 ♀♀ + 5 ♂♂ (det. FISCHER 1988), Macedonia, Mts Baba, Magarevo, 7 VI 1978, leg. I. ROZNER. 1 ♀, Serbia, 20 km S of Leskovač, 13 V 1977, leg. ZOMBORI.
- Opius (Opiothorax) latistigma* FISCHER, 1960: 1 ♀, Macedonia, prov. Skopje, Mts Skopska Crna Gora, Mon. Sv. Iovan, 500-600 m, 27 V 1998, leg. I. ROZNER. - Up to now known in Spain, Austria and Hungary. New to the fauna of Macedonia.
- Opius (Opiothorax) levis* WESMAEL, 1835: 1 ♀, Croatia, Dalmatia, Mts Velebit, Brušani, 20 VI 1978, leg. I. ROZNER. 1 ♂, Croatia, Dalmatia, Mts Velebit, Stirovača, 7 VIII 1999, leg. I. ROZNER. 1 ♀, Macedonia, prov. Gostivar, Mt. Bistra, 1500 m, 30 V 1998, leg. A. OROSZ. 1 ♂, Macedonia, prov. Veles, 5 km NW of Vinicani, 5 V 1997, leg. A. OROSZ.
- Opius (Pendopius) longicornis* THOMSON, 1895 (= *O. (P.) caudifer* FISCHER, 1958): 2 ♂♂, Croatia, Istria, Koper, Hrastovlje, 31 VII 1979, J. B. SZABÓ. 1 ♀, Croatia, Dalmatia, Mts Velebit, Krasno, 8 VIII 1999, leg. A. PODLUSSÁNY. 1 ♀, Croatia, Dalmatia, Mts Velebit, Stirovača, 7 VIII 1999, leg. I. ROZNER. 1 ♀, Macedonia, prov. Mak. Brod, Mt. Drobaci, Treska valley, 2-3 VI 1998, leg. I. ROZNER.
- Opius (Opius) lugens* HALIDAY, 1837: 1 ♀, Croatia, Dalmatia, Mts Velebit, Oltari, 7 VIII 1999, leg. I. ROZNER.
- Opius (Opius) pallipes* WESMAEL, 1835: 1 ♀, Croatia, Dalmatia, Mts Velebit, Oltari, 7 VIII 1999, leg. I. ROZNER.
- Opius (Pendopius) pendulus* HALIDAY, 1837: 1 ♂, Croatia, Dalmatia, Ravni Kotari, Žup. Zadar, Islam Latinski, 180 m, 2 V 2002, leg. A. PODLUSSÁNY.
- Opius (Gastrosema) pumilio* WESMAEL, 1835: 1 ♂, Serbia, Kosjerić, Tubići, 9 VII 1983, leg. A. ČETKOVIĆ.
- Opius (Thoracosema) repentinus* PAPP, 1980: 1 ♀, Croatia, Dalmatia, Ravni Kotari, Žup. Zadar, Islam Grčki, 11 VI 2001, leg. K. SZÉKELY. - Described from Korea, reported from Hungary. New to the fauna of Croatia.
- Opius (Phaedrotoma) scaptomyzae* FISCHER, 1967: 1 ♂, Macedonia, prov. Kratovo, Grizilevci, Žguri pass, 880 m, 6-7 VI 1998, leg. A. OROSZ. - Described from Croatia, reported from Turkey and Asiatic Russia (Buryatia).
- Opius (Snoflakopius) snoflaki* FISCHER, 1959: 1 ♀, Serbia, Beograd, Mt. Avala, 23 IV 1984, leg. A. ČETKOVIĆ. - Distribution: Bohemia, Hungary (PAPP 1979: 89) and Bulgaria (YU & al. 2005). New to the fauna of Serbia.
- Opius (Allophlebus) staryi* FISCHER, 1958: 1 ♀, Bosnia-Herzegovina, Jablanica, 25 V 1916, leg. APFELBECK. - Widely distributed in the Palaearctic Region, in the Balkan Peninsula reported first. New to the fauna of Bosnia-Herzegovina.
- Opius (Misophthora) tenellae* FISCHER, 1969: 1 ♂, Croatia, Dalmatia, Jelenje, 23 V 1966, leg. V. UREMOVIĆ. - Distribution: Ireland, Germany, Mongolia (FISCHER 1971: 38). New to the fauna of Croatia.
- Opius (Opiothorax) turcicus* FISCHER, 1960: 4 ♀, Croatia, Laz, 10 IV 1974, leg. J. PAPP. - Distributed sporadically in the Palaearctic Region, nearest to Croatia known in Hungary, Bulgaria and Turkey (FISCHER & BEYARSLAN 2005: 48).
- Opius (Misophthora) ulaanus* FISCHER, 1971: 1 ♂, Montenegro, Durmitor, Zabljak, 29 VI

1958, leg. F. MIHÁLYI. - The species was described from Mongolia on the basis of two female and 1 male specimens (FISCHER 1971: 55). Somewhat surprisingly one male specimen was found in Hungary (locality Gödöllő, PAPP 1979: 90). New to the fauna of Montenegro. The male specimen from Montenegro is deviating from the male allotype (= paratype) in a few features:

Male allotype: Antenna with 22 antennomeres. Vein SR1 of fore wing slightly less approaching tip of wing (Fig. 15 in FISCHER 1971: 55). First tergite almost smooth. Ground colour of body blackish brown.

Male from Montenegro: Antenna with 25 antennomeres. Vein SR1 of fore wing a bit more approaching tip of wing. First tergite longitudinally uneven. Colour of body brown.

### Orgilinae

*Orgilus excellens* TAEGER, 1989: 1 ♀, Croatia, Dalmatia, Novi, VII 1990, leg. K. KERTÉSZ.

*Orgilus haeselbarthi* TAEGER, 1898: 1 ♀ (paratype): Croatia, Dalmatia, Rijeka, Kostrena, 22 IX 1966, leg. V. UREMOVIĆ.

*Orgilus hungaricus* SZÉPLIGETI, 1896: 2 ♀♀ + 4 ♂♂, Serbia, Voivodina, Deliblát (= Deliblato), 5 VII, leg. ?.

*Orgilus sticticus* TAEGER, 1989: 4 ♀♀ (paratypes): Slovenia, Loitsch-Krain (= Logatec), VII-VIII, leg. GRAEFFE.

### Rogadinae

*Aleiodes (Aleiodes) circumscriptus* (NEES, 1834): 21 ♀♀ + 14 ♂♂ (in Budapest and Zagreb), Croatia, Dalmatia, Rijeka, Kostrena, taken with light trap, VI-XI 1966, leg. V. UREMOVIĆ. 7 ♀♀ + 3 ♂♂ (in Budapest and Zagreb), Croatia, Dalmatia, Durmitor, Kraljevica, taken with light trap, VII-X 1966, leg. ŽUVIČ.

*Aleiodes (Neorhogas) cruentatus* (NEES, 1834): 1 ♀ (in Vienna): Croatia, Dalmatia, Cres island, Miholasćica, 5 VI 1987, leg. H. ZETTEL.

*Aleiodes (Neorhogas) dimidiatus* (SPINOLA, 1808): 1 ♂, Montenegro (= Crna Gora), Durmitor, Tepacko polje, 30 VI 1958, leg. F. MIHÁLYI.

*Aleiodes (Neorhogas) dissector* (NEES, 1834): 1 ♀, Croatia, Krapina, 30 VIII 1914, leg. HENSCH. 1 ♀, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 30 VI 1958, leg. F. MIHÁLYI.

*Aleiodes (Neorhogas) ductor* (THUNBERG, 1824): 1 ♀ (in Zagreb), Croatia, Dalmatia, Rijeka, Kraljevica, taken with light trap, 26 IX 1966, leg. V. UREMOVIĆ.

*Aleiodes (Aleiodes) gastritor* (THUNBERG, 1824): 1 ♂ (in Zagreb), Croatia, Dalmatia, Rijeka, Kostrena, taken with light trap, V and XI 1966, leg. V. UREMOVIĆ. 1 ♂ (in Zagreb), Croatia, Dalmatia, Rijeka, Kraljevica, taken with light trap, 5 X 1966, leg. ŽAVIČ.

*Aleiodes (Aleiodes) signatus* (NEES, 1811): 1 ♀, Croatia, Dalmatia, Novi, leg. SZÉPLIGETI. 2 ♀♀, Croatia, Dalmatia, Rijeka, Kostrena, taken with light trap, 1 ♀: 5 VII 1966, 1 ♀ var. *nigerrimus* FAHRINGER 2 IX 1966, leg. V. UREMOVIĆ.

*Aleiodes (Aleiodes) tristis* WESMAEL, 1838: 1 ♀, Croatia, Dalmatia, Primošten, 18 VI 1978, leg. I. ROZNER. 1 ♂, Montenegro (= Crna Gora), Durmitor, Zabljak, 1400 m, 30 VI

1958, leg. F. MIHÁLYI.

*Aleiodes (Aleiodes) vittiger* WESMAEL, 1838: 1 ♂, Croatia, Dalmatia, Rijeka, Kostrena, 15 VIII 1966, leg. V. UREMOVIĆ.

### Sigalphinae

*Acampsis alternipes* (NEES, 1816): 1 ♂, Macedonia, prov. Skopje, Skopska Crna Gora, Mt. Dušanovac, Mon. Ilija, 29 IV 1997, leg. A. PODLUSSÁNY et I. ROZNER.

*Sigalphus irrorator* (FABRICIUS, 1775): 2 ♂♂ (1 ♂ in Zagreb), Croatia, Krapina, VII-VIII, leg. HENSCH.

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