

Data to the leaf-beetle fauna of Macedonia (Coleoptera, Chrysomelidae)

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ROZNER, I. ROZNER, GY.: *Data to the leaf-beetle fauna of Macedonia (Coleoptera, Chrysomelidae)*.

Abstract: Data to the leaf-beetle fauna of Macedonia. (Coleoptera, Chrysomelidae) - During the period of 1976-2004 the authors organized 10 collecting trips to localities in the areas of historical Macedonia (Republic of Macedonia, Pirin Mountains in Bulgaria and the Macedonian provinces of Greece). They have found 213 species of 61 genera in 11 subfamilies of Chrysomelidae. 23 species proved to be new to the fauna of the Republic of Macedonia (ex Yugoslavian Macedonia).

Keywords: faunistic data, Macedonia, Coleoptera, Chrysomelidae

Introduction

Between 1976 and 2004 systematic collections were conducted in historical (ethnic) Macedonia. Collecting localities included the areas in South-West Bulgaria, from the western and southern borders to the River Mesta into the East and to the geological separation between the Rila and Pirin Mountains into the North. The research areas in Greece covered three Macedonian provinces: Western, Central and East Macedonia. The entire area of the Republic of Macedonia (ex Yugoslavian Macedonia) was researched.

Localities of the collecting trips and the participating entomologists (person's names are given in Hungarian grammar: surname first, given name second) are listed:

1976: Yugoslavian Macedonia, Bulgaria (Pirin Mts.): Balogh Imre, Podlussány Attila, Podlussány Lajos, Rozner György, Rozner István és Rozner Istvánné.

1978: Yugoslavian Macedonia: Rozner István és Rozner Istvánné.

1981: Yugoslavian Macedonia and Greece (Central- and Western-Macedonia): Podlussány Attila, Rozner György, Rozner István és Rozner Istvánné.

1982: Yugoslavian Macedonia and Bulgaria: Podlussány Lajos, Rozner István, Rozner Istvánné, Tóth Sándor.

1988: Greece (Central- and Western-Macedonia): Rozner György, Rozner Ibolya

1995: Greece (Eastern-Macedonia): Orosz András, Rozner István, Rozner Istvánné.

1996: Republic of Macedonia: Podlussány Attila, Rozner István, Szalóki Dezső.

1997: Republic of Macedonia: Podlussány Attila, Rozner Antal, Rozner György, Rozner Ibolya, Rozner István, Rozner Istvánné.

1998: Republic of Macedonia: Orosz András, Podlussány Attila, Rozner István.

2004: Bulgaria, Greece (Central-Macedonia): Rozner György, Rozner Ibolya, Rozner István.

In summary: into the Republic of Macedonia (ex Yugoslavian Macedonia) 7, in Greece 4 and Bulgaria (Pirin Mts.) 3 collecting trips were conducted.

Processing of the collected material

The collected material was processed by the authors. Detailed evaluations of the collections from the Republic of Macedonia are given in the species list.

Checklist of Eumolpinae, Chrysomelinae, Alticinae, Hispinae and Cassidinae (Coleoptera: Chrysomelidae) in Republic of Macedonia was published by GRUEV (1998). It lists 166 species of 5 subfamilies of the Chrysomelidae.

VIG (2002) published data of Mr. Podlussány Attila's Chrysomelidae collection, deposited in the Savaria Museum (Szombathely). As we have collaborated with Mr. Podlussány on 5 above mentioned collecting trips, data in this article is relevant to that publication. The results of Mr. Podlussány's collections from the relevant areas are: 48 species from Bulgaria (Pirin Mts.), 35 species from Greece, 38 species from the Republic of Macedonia (2 species: *Longitarsus albineus* and *Psylliodes briscouti* representing new distribution records).

In this publication we discuss 213 species in 61 genera of 11 subfamilies.

Data and abbreviations of the species list

Taxa and abbreviated names of countries are printed in bold, counties and other larger area- units (e. g. Pirin Mts.) and names of food plants are in italics. Collecting localities and other relevant data, such as altitudes, time of collecting and occasionally the collectors' names are in plain print. Collecting was carried out by the Rozner Family. - marks notes relevant to individual species.

List of abbreviations:

BG: Bulgaria
GR: Greece
RM: Republik of Macedonia
Ag.: Agios, saint
Mt, Mts.: mount, mountain
Mon.: monastir, monastery

Prov.: province, county
Pl.: hegység, Planina, mountain
Sv.: Sveti, saint
FP: food plant
v.: valley

List of species and collection data

Subfamily: DONACIINAE Kirby, 1837

Genus: ***Donacia*** Fabricius, 1775

Donacia marginata Hope, 1795 - RM: prov. Skopje: Mts. Skopska Crna Gora, Creševo, 800 - 1200 m, 1997. V. 4. - General distribution: Palearctic species. FP: *Sparganium* and *Carex* spp.

Genus: ***Plateumaris*** Thomson, 1859

Plateumaris sericea (Linnaeus, 1761) - BG: Mts. Pirin: Pirin, Bistricea-v., 1982. V. 21. -General distribution: European - Asiatic species. FP: *Carex*, *Sparganium*, *Alisma*, *Iris*, *Juncus* spp.

Subfamily: ORSODACNINAE Thomson, 1859

Genus: ***Orsodacne*** Latreille, 1802

Orsodacne cerasi (Linnaeus, 1758) - BG: Mts. Pirin: Popina Laka, Sandanski, 1976. VII. 1-3; Pirin, Bistricea-v., 1982. V. 21. - General distribution: European - Siberian species. FP: *Crataegus*, *Prunus*, *Sorbus*, *Spiraea*, *Ligustum* spp.

Orsodacne lineola (Panzer, 1795) - GR: prov. Pieria: Mts. Olympos, Ag. Dimitrios, 1981 V. 4.; Mts. Olympos, Kariéz, 1981. V. 3.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dusanovac, Mon Ilia, 1997. V. 9.; prov. Tetovo: Palatica, 1997. V. 3.; prov. Ohrid: Crvena Voda, 1997. V. 2. - General distribution: European - Anatolian species. FP: *Crataegus*, *Mespilus*, *Pyrus*, *Prunus* spp.

Subfamily: CRIOCERINAE Latreille, 1807

Genus: *Lema* Fabricius, 1798

Lema cyanella (Linnaeus, 1758) - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - General distribution: European - Asiatic species. FP: *Cirsium* and *Carduus* spp.

Genus: *Oulema* Des Gozis, 1886

Oulema erichsoni (Suffrian, 1841) - RM: prov. Skopje: Mts. Karadžica, Šumski Reservat, 1998. VI. 2.; prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 8. - General distribution: European species. FP: *Nasturtium officinale*, *Cruciferae*, *Rorippa* spp.

Oulema gallaeciana (Heyden, 1870) - BG: Mts. Pirin: Predel-pass, 1982. V. 22-23. - General distribution: European - Siberian species. FP: *Cirsium* spp.

Oulema melanopus (Linnaeus, 1758) - GR: prov. Kastoria: Mts. Grammos, Pentalofos, 1981. V. 21.; prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Bitola: Mts. Baba, Magarevo, Pelister-camp, 700 m; prov. Prilep: Mts. Dren, Dunje, 1997. V. 7.; Mts. Babuna, Rakle, 1982. VI. 4., Prilepsko Pl., Dolneni, 1997. VII. 12., Pletvar, 1997. VII. 13.; prov. Skopje: Matka, 300 m, Mon. Sveti Nikola, 1997. VII. 7., Mts. Ivanje, Matka, 900 m, 1998. VI. 1.; Mts. Skopska Crna Gora, Mt. Dusanovac, 1997. VII. 9.; Mts. Skopska Crna Gora, Mon. Sv. Jovan, 500-600 m, 1998. V. 27.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600-1800 m, 1997. VII. 11.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13. - General distribution: Palearctic species. Occurrence: Common. FP: *Gramineae* spp.

Oulema rufocyanea (Suffrian, 1847) - RM: prov. Skopje: Mts. Karadžica, Šumski Reservat, 1998. VI. 2. - General distribution: Southwest- Europe. FP: *Lamium* spp.

Oulema septentrionis (Weise, 1880) - RM: prop. Prilep: Mts. Dren, Dunje, 1997. V. 7.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: European species. FP: *Nasturtium officinale*.

Genus: *Crioceris* O. F. Müller, 1864

Crioceris duodecimpunctata dodecastigma Suffrian, 1841 - GR: prov. Thessaloniki, Asprovalta, 1995. V. 20. - The nominotypical subspecies has palearctic distribution. Distribution of this subspecies is in the South-Europe. FP: *Nasturtium officinalis*.

Genus: *Lilioceris* O. F. Müller, 1864

Lilioceris lili (Scopoli, 1763) - RM: prov. Skopje: Matka, 300 m, Mon. Sveti Nikola, 1997. VII. 7. - General distribution: Palearctic species. FP: *Lilium candidum*, *L. martagon*, *L. carnolicum*, *Fritillaria imperialis*, *Convallaria majalis*, *Polygonatum multiflorum*.

Subfamily: CLYTRINAE Kirby, 1837

Genus: *Labidostomis* Germar, 1817

Labidostomis humeralis (Schneider, 1792) - RM: prov. Ohrid: Pesočani, 1998. VI. 3-4.; prov. Radoviš: Radoviš, 1982. V. 17.; - General distribution: European - Anatolian species. FP: *Quercus* spp.

Labidostomis longimana (Linnaeus, 1761) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30.; RM: prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600 - 1800 m, 1997. VII. 11. - General distribution: European - Siberian species. FP: *Trifolium*, *Lotus* spp.

Labidostomis lucida axillaris (Lacordaire, 1848) - RM: prov. Kavadarci: Debrište, 1998. V. 31.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: European - Siberian species. FP: *Salix daphnoides*.

Labidostomis pallidipennis (Gebler, 1830) - RM: prov. Radoviš: Radoviš, 1976. VI. 28-29. - General distribution: European - Asiatic species. FP: *Salix* spp.

Labidostomis rufa Walzl, 1838 - RM: prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Mediterranean species.

Genus: *Lachnaia* Chevrolat, 1837

Lachnaia sexpunctata (Scopoli, 1763) - BG: Strumešnica, 1982. V. 17.; Mts. Pirin: Pirin, Bistricev., 1976. VII. 35; Sugarevo, 1976. VII. 14., Rožen, Mon. Rožen, 2004. V. 16.; near Melnik, Loženica, 2004. V. 16.; RM: prov. Prilep, Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VI. 4.; prov.

Radoviš, Radoviš, 1982. V. 17.; Katlanovo, 1982. V. 16.; prov. Skopje: Mt. Ivanje, Matka, 900 m, 1998. VI. 1.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1600 m, 1998. VI. 4.; Pesočani, 1998. VI. 3-4. - General distribution: European - Anatolian species. FP: *Quercus*, *Salix*, *Prunus* spp.

Genus: *Tituboea* Lacordaire, 1848

Tituboea macropus (Illiger, 1800) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30.; RM: prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13. - General distribution: European - Siberian species. FP: *Anthyllis vulneraria* and *Dorycnium germanicum*.

Genus: *Clytra* Laicharting, 1781

Clytra (Clytra) appendicina Lacordaire, 1848 - BG: Mts. Pirin: Rožen, Mon. Rožen, 2004. V. 16.; GR: prov. Pieria: Mts. Olympos, Kariéz, 1981. V. 3.; RM: Pesočani, Bank of Sateskar, 1978. VI. 9. - General distribution: Pontomediterranean species.

Clytra (Clytraria) atraphaxidis (Pallas, 1773) - BG: Mts. Pirin: Rožen, 1983. VII. 16.; GR: prov. Thessaloniki: Asprovalta, 1995. VI. 10-17, leg. Szalóki D. - General distribution: Pontomediterranean species. FP: *Atraphaxis* and *Salix* spp.

Clytra (Clytra) laeviuscula Ratzeburg, 1837 - BG: Mts. Pirin: Rožen, 1983. VII. 16.; RM: prov. Kavadarci: Debriste, 1998. V. 31.; prov. Radoviš, Radoviš, 1976. VI. 28-29.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1979. VII. 19. - General distribution: European - Siberian species. FP: *Salix*, *Prunus*, *Dorycnium*, *Fraxinus*, *Populus* spp.

Clytra (Clytraria) novempunctata Olivier, 1808 - BG: Mts. Pirin: Sugarevo, 1976. VII. 14.; Rožen, Mon. Rožen, 1976. VI. 30.; GR: prov. Thessaloniki: Aréthoussa, 1995. V. 23.; Rendina, 1995. V. 26.; Mikri Volvi, 1995. V. 21.; prov. Halkidiki: Paliokastre, 1995. V. 22.; Paliokastre, 1995. V. 22.; prov. Pieria: Fotina, 2004. VI. 3.; RM: prov. Kavadarci: Debriste, 1998. V. 31.; prov. Radoviš: Radoviš, 1976. VI. 28-29. - General distribution: Holomediterranean species. FP: *Salix*, *Papaver* spp and *Glacium corniculatum*.

Clytra (Clytra) quadripunctata (Linnaeus, 1758) - BG: Mts. Pirin: Pirin, Bistrica-v., 1976. VII. 3-5.; Rožen, Mon. Rožen, 2004. V. 16. - General distribution: Euroasiatic species. FP: *Prunus spinosa*, *Dorycnium sericeum*, *Betula*, *Crataegus*, *Salix*, *Quercus* spp.

Genus: *Smaragdina* Chevrolat, 1837

Smaragdina (Monrosia) affinis (Illiger, 1794) - RM: prov. Skopje: Mts. Karadžica, Šumski Reservat, 1998. VI. 2. - General distribution: European species. FP: *Crataegus oxycantha*, *Corylus avellana*, *Quercus*, *Salix*, *Compositae* spp.

Smaragdina (Monrosia) aurita (Linnaeus, 1767) - RM: prov. Radoviš, Radoviš, 1982. V. 17. - General distribution: Euroasiatic species. FP: *Corylus*, *Salix*, *Betula*, *Crataegus* spp.

Smaragdina (Monrosia) graeca Lefèvre, 1872 - BG: Mts. Pirin: Rožen, Mon. Rožen, 1982. V. 18.; RM: prov. Radoviš: Radoviš, 1982. V. 17.; prov. Skopje: Katlanovo, 1982. V. 16.; Mts. Skopska Crna Gora, Raštak, 1997. V. 4.; Mts. Skopska Crna Gora, 800 - 1200 m, Creševo, 1997. V. 4.; Mts. Skopska Crna Gora, Mon. Sv. Jovan, 500-600 m, 1998. V. 27.; Mts. Ivanje, Matka, 900 m, 1998. V. 1.; prov. Delčevo: Delčevo, 1982. VI. 3.; prov. Štip: Lakavica, 1982. V. 16., Mts. Konečka Pl., Leskovica, 600 m, 1997. V. 7.; prov. Tetovo: Želino, 1997. V. 3.; prov. Veles: 5 km NW of Viničani, 1997. V. 5., prov. Ohrid: Pesočani, 1998. VI. 3-4., Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4. - General distribution: Balkan-peninsula. FP: *Quercus* spp.

Smaragdina (Smaragdina) limbata (Steven, 1806) - BG: Mts. Pirin: Rožen, Mon. Rožen, 2004. V. 16.; GR: prov. Dráma: Mts Falakro. Pirgi, 900 m, 1995. V. 24.; prov. Halkidiki: Paliokastre, 1995. V. 22.; RM: prov. Kavadarci: Faris, 1997. V. 1. prov. Štip: Lakavica, 1982. V. 16., Mts. Konečka Pl., Leskovica, 600 m, 1997. V. 7.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Strumica: Mts. Obesenik, Podazlija-pass, Hamzali, 1997. V. 8.; prov. Veles: 5 km NW of Viničani, 1997. V. 5.; prov. Skopje: Torbešija, D. Količan, 1997. IV. 30.; Mts. Skopska Crna Gora, 800 - 1200 m, Creševo, 1997. V. 4.; prov. Pripile: Mts. Dren, Dunje, 1997. V. 7. - General distribution: Pontic species. Occurrence: Common.

Smaragdina (Monrosia) salicina (Scopoli, 1763) - BG: Strumesnica, 1982. V. 17.; GR: prov. Pieria: Katherine, 1981. V. 3-5.; RM: prov. Skopje: Katlanovo, 1982. V. 16.; Mts. Ivanje, 900 m, Matka, 1998. VI. 1.; prov. Štip: Lakavica, 1982. V. 16., Mts. Konečka Pl., Leskovica, 600 m, 1997. V. 7. - General distribution: Euroasiatic species. FP: *Cannabis sativa*, *Pomoideae*, *Prunus*, *Crataegus*, *Salix*, *Papilionaceae* spp.

Smaragdina (Monrosia) tibialis tibialis (Brullé, 1832) - BG: Mts. Pirin: Rožen, Mon. Rožen, 2004. V. 16.; GR: prov. Pieria: Mts. Olympos, Kariéz, 1981. V. 3., prov. Halkidiki: Paliokastre, 1995. V. 22.; Paliokastre, 1995. V. 22.; RM: prov. Kičevo, Izvor, 1000 m, 1978. VI. 9.; prov. Štip: Mts. Konečka Pl., Leskovica, 600 m, 1997. V. 7.; prov. Tetovo: Želino, 1997. V. 3.; prov. Mak.

Brod: Treska-v., 4 km E of Monastirec, 1998. VI. 3.; prov. Vinica: Mts. Obozna, 700-900 m, Laki, 1998. VI. 6.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Veles: 5 km SW of Viničani, 1997. V. 1-5. - General distribution: Pontomediterranean species. Occurrence: Common. FP: *Quercus cerris*.

Smaragdina (Monrosia) tibialis hungarica Weise, 1895 - RM: Mts. Suva Gora, Izvor, 1000 m, 1978. VI. 9.; prov. Radoviš: Radoviš, 1982. V. 17.; prov. Skopje: Katlanovo, 1982. V. 16.; Mts. Skopska Crna Gora, 800 - 1200 m, Creševo, 1997. V. 4. - General distribution: Balkan-peninsula. *Smaragdina (Monrosia) xanthaspis* (Germar, 1824) - BG: Mts. Pirin: Melnik, 1976. VII. 15., Sugarevo, 1976. VII. 14., 1983. VII. 10.; Rožen, 1983. VII. 6.; Rožen, Mon. Rožen, 1976. VI. 30.; RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7.; Bogile, 1978. VI. 7.; Pletvar, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; Mt. Vodno, Skopje, 1997. VII. 14. - General distribution: Pomtomediterranean species. FP: *Hypericum*, *Rumex*, *Cruciferae*, *Salix*, *Populus*, *Crataegus* spp.

Genus: **Cheilotoma** Chevrolat, 1837

Cheilotoma musciformis (Goeze, 1777) - BG: Mts. Pirin: Kasina, 1982. V. 20. - General distribution: European - Siberian species. FP: *Rumex acetosella*, *Anthyllis vulneraria*

Genus: **Coptocephala** Chevrolat, 1837

Coptocephala unifasciata (Scopoli, 1763) - RM: prov. Skopje: Mt. Vodno, Skopje, 1997. VII. 14. - General distribution: European - Siberian species. FP: *Pimpinella saxifraga*, *Peucedanum cer-varia*, *Sarothamnus scoparius* and *Umbelliferae* spp.

Subfamily: CRYPTOCEPHALINAE Gyllenhal, 1813

Genus: **Pachybrachis** Chevrolat, 1837

Pachybrachis limbatus (Ménétriés, 1836) - GR: prov. Halkidiki: Paliokastre, 1995. V. 22.; RM: prov. Ohrid: Mts. Galičica, Ljubanište, 1978. VI. 8-9., Pesočani, 1998. VI. 3-4.; prov. Radoviš: Radoviš, 1982. V. 17.; prov. Kavadarci: Debriste, 1998. V. 31.; prov. Skopje: Mts. Ivanje, 900 m, Matka, 1998. VI. 1. - General distribution: Pontomediterranean species. FP: *Quercus* spp.

Pachybrachis sinuatus Mulsant et Rey, 1859 - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Delčevo, Delčevo, 1982. VI. 3. - General distribution: European - Anatolian species. FP: *Myricaria germanica* and *Salix* spp.

Pachybrachis tesseletus (Olivier, 1791) - RM: prov. Skopje: Mt. Vodno, Skopje, 1997. VII. 14.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13.; prov. Kavadarci, Debriste, 1998. V. 31. - General distribution: Mediterranean species. FP: *Quercus* and *Rhamnus* spp.

Genus: **Cryptocephalus** O. F. Müller, 1764

Cryptocephalus (Cryptocephalus) aureolus illyricus Franz, 1949 - BG: Mts. Pirin: Mt. Vihren, 1800 m, 1976. VII. 10-12.; RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7.; prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 6. - General distribution: Balkan-peninsula. FP: *Compositae*, *Ranunculus*, *Potentilla*, *Asteraceae* spp.

Cryptocephalus (Cryptocephalus) bipunctatus (Linnaeus, 1758) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30., 1982. V. 18.; GR: prov. Grevená: Pentalofos, 1981. V. 21.; prov. Thessaloniki: Askos, 1995. V. 23.; prov. Dráma: Mts. Falakro, 600 m, Pírgi, 1995. V. 24.; prov. Halkidiki: Paliokastre, 1995. V. 22.; prov. Pieria: Fotina, 2004. VI. 3., Lofos, 2004. VI. 3.; RM: prov. Radoviš, Radoviš, 1976. VI. 28-29.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., Mažučiste, 1998. V. 31.; prov. Mak. Brod: Treska-v., 4 km E of Monastirec, 1998. VI. 3.; prov. Vinica: Mts. Obozna, 700-800 m, Laki, 1998. VI. 6.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000 -2200 m, 1997. VII. 11. - General distribution: Palearctic species. Occurrence: Common. FP: *Rosa canina*, *Quercus*, *Corylus*, *Salix*, *Crataegus* spp.

Cryptocephalus (Burlinius) chrysopus Gmelin, 1790 - GR: prov. Halkidiki: Paliokastre, 1995. V. 22. - General distribution: European - Anatolian species. FP: *Quercus*, *Prunus* spp.

Cryptocephalus (Burlinius) connexus Olivier, 1808 - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12.; Pletvar, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: Turanian - Mediterranean species. FP: *Statice plantaginea* and *Plumbaginaceae* spp.

Cryptocephalus (Cryptocephalus) cordiger (Linnaeus, 1758) - RM: prov. Delčevo, Delčevo, 1982. VI. 3.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Skopje: Torbešija, D. Količan, 1997. IV. 30.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1998. VI. 4. - General distribution: European - Siberian species. FP: *Rosa spinosissima*, *R. canina*.

- Cryptocephalus (Heterichnus) coryli* (Linnaeus, 1758) - GR: prov. Pieria: Mts Pieria, Ritini, 2004. VI. 3. - General distribution: European - Siberian species. FP: *Corylus avellana*.
- Cryptocephalus (Burlinius) elegantulus* Gravenhorst, 1807 - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13. - General distribution: European - Asiatic species. FP: *Artemisia* and *Geranium* spp.
- Cryptocephalus (Cryptocephalus) flavipes* Fabricius, 1781 - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30., 1982. V. 18.; GR: prov. Halkidiki: Paliokastre, 1995. V. 22.; prov. Pieria: Lofos, 2004. VI. 3.; RM: prov. Štip: Lakavica, 1982. V. 16.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Skopje: Katlanovo, 1982. V. 16.; prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Kratovo: Žguri-pass, 800 m, 1998. VI. 6. - General distribution: European - Siberian species. FP: *Ulmus campestris*, *Quercus*, *Corylus*, *Salix* spp.
- Cryptocephalus (Cryptocephalus) hypochaeridis hypochaeridis* (Linnaeus, 1758) - BG: Mts. Pirin: Pirin, Bistrice-v., 1976. VII. 3-5.; Sandanski, 1976. VII. 1-3.; Dobrinšte, 1976. VII. 7.; Sugarevo, 1983. VII. 10.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9., Mt. Ranino, 1000 - 1500 m, 1997. VII. 9.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000 - 2200 m, 1997. VII. 11., Mt. Popova Šapka, 1600 - 1800 m, 1997. VII. 11. - General distribution: European - Siberian species. FP: *Medicago sativa* and *Compositae* spp.
- Cryptocephalus (Cryptocephalus) imperialis* Laicharting, 1781 - RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 1997. VII. 9. - General distribution: Mediterranean species. FP: *Quercus* and *Corylus* spp.
- Cryptocephalus (Cryptocephalus) janthinus* Germar, 1824 - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - General distribution: Pontomediterranean species. FP: *Phragmites communis*, *Lysimachia* and *Lythrum* spp.
- Cryptocephalus (Burlinius) labiatus* (Linnaeus, 1761) - RM: prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: European - Siberian species. FP: *Vaccinium myrtillus*, *Quercus robur*, *Fragaria vesca*.
- Cryptocephalus (Cryptocephalus) moraei* (Linnaeus, 1758) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30., 1976. VII. 12.; Lopovo, 1976. VII. 13.; GR: prov. Dráma: Mts. Falakro, Pirgi, 900 m, 1995. V. 24.; prov. Thessaloniki: Asprovalta, 1995. V. 20.; prov. Pieria: Lofos, 2004. VI. 3.; RM: prov. Radoviš: Radoviš, 1976. VI. 28-29.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VI. 4.; Prilepsko Pl., Dolneni, 1997. VII. 12.; Pletvar, 1997. VII. 13.; prov. Resen, Oteševo, shore of Lake Prespa, 1978. VI. 7.; prov. Vinica: Kalimanci, 1982. VI. 3.; prov. Tetovo: Želino, 1998. V. 30.; Mts. Šar Planina, Mt. Popova Šapka, 1600 - 1800 m, 1997. VII. 11.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 1997. VII. 9.; Mt. Vodno, Skopje, 1997. VII. 14. - General distribution: Euroasiatic species. Occurrence: Common. FP: *Hypericum* spp.
- Cryptocephalus (Cryptocephalus) nitidus* (Linnaeus, 1758) - BG: Mts. Pirin: Pirin, Bistrice-v., 1976. VII. 3-5., 1982. V. 21.; RM: prov. Skopje: Mts. Skopska Crna Gora, 300 m, Mon. Sv. Ilija, 1998. V. 27.; Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27. - General distribution: European - Siberian species. FP: *Prunus spinosa*, *Ulmus campestris*, *Crataegus* and *Corylus* spp.
- Cryptocephalus (Burlinius) ochroleucus* Stephens, 1834 - GR: prov. Thessaloniki: Nymfopetra, 1995. V. 21. - General distribution: West-Palearctic species. FP: *Populus* spp.
- Cryptocephalus (Burlinius) ocellatus* Drapiez, 1819 - BG: Mts. Pirin, Baničan, 1982. V. 31.; GR: prov. Dráma: Mts. Faklakro, 900 m, Pirgi, 1995. V. 24. - General distribution: Euroasiatic species. FP: *Salix*, *Alnus*, *Populus*, *Ulmus*, *Betula*, *Corylus*, *Artemisia* spp.
- Cryptocephalus (Cryptocephalus) octopunctatus* (Scopoli, 1763) - BG: Mts. Pirin: Predel-pass, 1982. V. 22-23., RM: prov. Radoviš, Radoviš, 1982. V. 17.; prov. Prilep: Mts. Babuna, Rakle, 1982. VI. 4. - General distribution: European - Siberian species. FP: *Salix*, *Populus*, *Alnus* spp.
- Cryptocephalus (Heterichnus) prusias* Suffrian, 1853 - BG: Mts. Pirin: Sugarevo, 1982. V. 18. - General distribution: Pontic species.
- Cryptocephalus (Burlinius) pygmaeus* Fabricius, 1792 - RM: prov. Kruševo: Mt. Crn Vrv, 1000 m, 1997. VII. 13., - General distribution: Mediterranean species. FP: *Thymus*, *Calamintha*, *Scutellaria*, *Achillea Solidago* spp.
- Cryptocephalus (Protophysus) schaefferi* Schrank, 1789 - BG: Mts. Pirin: Rožen, Mon. Rožen, 2004. V. 16.; RM: prov. Skopje: Katlanovo, 1981. V. 2., Torbešija, D. Količan, 1997. IV. 30.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Veles: 5 km NW of Viničani, 1997. V. 5.; prov. Tetovo: Želino, 1997. V. 3.; prov. Kavadarci: Faris, 1997. V. 1.; prov. Štip, Mts. Konečka Pl., 600 m,

Leskovica, 1997. V. 7. - General distribution: European - Anatolian species. FP: *Quercus*, *Corylus*, *Sorbus*, *Crataegus*, *Salix* species.

Cryptocephalus (Cryptocephalus) sericeus sericeus (Linnaeus, 1758) - BG: Mts. Pirin: Sandanski, Popina Laka, 1976. VII. 1-3.; Rožen, Mon. Rožen, 1976. VI. 30.; Rožen, 1983. VII. 6.; Mt. Vihren, 1800 m, 1976. VII. 8.; Melnik, 1976. VII. 15.; Sugarevo, 1976. VII. 14., 1983. VII. 10.; Dobrište, 1976. VII. 7.; RM: prov. Radoviš, Radoviš 1976. VI. 28-29.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VI. 4.; Prilepsko Pl., Noleni, 1997. VII. 12., Pletvar, 1997. VII. 13, prov. Delčevo, Delčevo, 1982. IX. 3.; prov. Vinica: Kalimanci, 1982. VI. 3.; prov. Kruševo, Mt. Crn Vrv, Kruševo, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; Mt. Vodno, Skopje, 1997. VII. 14.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600 - 1800 m, 1997. VII. 11. - General distribution: Euroasiatic species. Occurrence: Common. FP: *Compositae*.

Cryptocephalus (Cryptocephalus) sericeus zambanellus Marseul, 1875 - RM: prov. Kratovo, Žguri-pass, 880 m, 1998. VI. 6. - General distribution: Adriatic-mediterranean subspecies.

Cryptocephalus (Cryptocephalus) signatiformis G. Müller, 1948 - GR: prov. Pieria: Fotina, 2004. VI. 3.; Mts. Pieria, Ritini, 2004. VI. 3.; RM: prov. Delčevo, Delčevo, 1982. VI. 3.; prov. Skopje: Katlanovo, 1982. V. 16.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Kruševo, Mt. Crn Vrv, Kruševo, 1997. VII. 13. - General distribution: European species.

Cryptocephalus (Cryptocephalus) trimaculatus Rossi, 1790 - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30. - General distribution: Holomediterranean species. FP: *Quercus* spp.

Cryptocephalus (Cryptocephalus) turcicus Suffrian, 1847 - BG: Strumica, 1982. V. 17.; Mts. Pirin: Baničan, 1982. V. 31.; Rožen, Mon. Rožen, 1982. V. 18, 2004. V. 16.; GR: prov. Pieria: Lofos, 2004. VI. 3.; RM: prov. Skopje: Katlanovo, 1982. V. 16.; Mts. Skopska Crna Gora, 800 - 1200 m, Creševo, 1997. V. 4.; prov. Štip: Mts. Konecka Pl., 600 m, Leskovica, 1997. V. 7.; prov. Mak. Brod: Treska-v., 4 km E of Monastirec, 1998. VI. 3.; prov. Prilep: Mts. Dren, Dunje, 1997. V. 7. - General distribution: European - Anatolian species.

Cryptocephalus (Protophysus) villosulus Suffrian, 1847 - RM: prov. Radoviš, Radoviš, 1982. V. 17.; prov. Skopje: Mts. Ivanje, 900 m, Matka, 1998. VI. 1.; Mts. Skopska Crna Gora, 800 - 1200 m, Creševo, 1997. V. 4.; prov. Tetovo: Palatica, 1997. V. 3. - General distribution: South-Europe.

Cryptocephalus (Cryptocephalus) violaceus Laicharting, 1781 - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3.; Lopovo, 176. VII. 13., Pirin, Bistrica-v., 1976. VII. 3-5.; Kašina, 1982. V. 20.; Rožen, 1982. V. 18.; Predel-pass, 1100 m, 1982. V. 22-23.; Sugarevo, 1982. V. 18.; GR: prov. Thessaloniki: Askos, 1995. V. 23.; Mavrouda, 1995. V. 23.; Rendina, 1995. V. 26.; Asprovalta, 1995. V. 20.; prov. Halkidiki: Paliohora, 1995. V. 22.; prov. Pieria: Mts. Pieria, Ritini, 2004. VI. 3.; Fotina, 2004. VI. 3.; RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VI. 4.; prov. Delčevo, Delčevo, 1982. VI. 3.; prov. Skopje: Katlanovo, 1982. V. 16.; Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; Mt. Ivanje, 900 m, Matka, 1998. VI. 1.; prov. Radoviš, Radoviš, 1982. V. 17, prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600-1800 m, 1997. VII. 11., 2000-2200 m, 1997. VII. 11.; Želino, 1998. V. 30.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. VII. 13. - General distribution: European - Siberian species. FP: *Compositae*, *Rosa*, *Crataegus*, *Helianthemum* spp.

Subfamily: EUMOLPINA Thomson, 1859

Genus: *Pales* Chevrolat, 1837

Pales ulema (Germar, 1813) - RM: prov. Ohrid: Mts. Galičica, Ljubanište, 1978. VI. 8-9.; Mts. Galičica, Galičnica-pass, 1400 m, 1998. IV. 6.; prov. Radoviš, Radoviš, 1982. V. 17. - General distribution: Southwest - Europe. Occurrence: The species is wide-spread and frequent in Republic of Macedonia. FP: *Cornus* and *Crataegus* spp.

Genus: *Bromius* Chevrolat, 1837

Bromius obscurus obscurus (Linnaeus, 1758) - BG: Mts. Pirin: Sandanski, Popina Laka, 1976. VII. 1-3.; Pirin, Bistrica-v., 1982. V. 21.; Kasina, 1982. V. 20., Haramibunar, 1982. VI. 1.; RM: prov. Bitola: Mts. Baba, Magarevo, Pelister-camp, 700 m, 1978. VI. 7. -General distribution: Holarctic species. Occurrence: This species was known only from the Baba Mts. till now. FP: *Vitis vinifera*, *Oenotheraceae* and *Epilobium* spp.

Genus: *Eumolpus* Illiger, 1798

Eumolpus asclepiadeus (Pallas, 1773) - RM: prov. Skopje: Mt. Vodno, Skopje, 1997. VII. 14. - General distribution: European - Siberian species. Occurrence: New to leaf-beetles fauna of the Republic of Macedonia. FP: *Vincetoxicum officinale*.

Subfamily: CHRYSOMELINAE Latreille, 1802

Genus: *Leptinotarsa* Chevrolat, 1837

Leptinotarsa decemlineata (Say, 1824) - BG: Mts. Pirin: Pirin, Bistrica-v., 1976. VII. 3-5.; Predel-pass, 1100 m, 1982. V. 22-23.; RM: prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7. - Introduced species from America. It is general in the whole Europe. FP: *Solanaceae*.

Genus: *Chrysolina* Motschulsky, 1860

Chrysolina (Chrysomorpha) cerealis bivittata Schrank, 1789 - RM: prov. Kruševo: Kruševo, Crn Vrv, 1350 m, 1997. V. 5-6., 1997. VII. 13.; prov. Tetovo: Mts. Šar Planina, Popova Šapka, 1600-1800 m, 1998. V. 29.; prov. Prilep: Mts. Dren, Ligurasa-pass, 1150 m, Belovodica, 1997. V. 7. - General distribution: Balkan-peninsula. Occurrence: This species is wide-spread and frequent in Republic of Macedonia. FP: *Thymus*, *Labiatae*, *Compositae*, *Artemisia* spp.

Chrysolina (Hypericia) didymata (Scriba, 1791) - RM: prov. Prilep, Mts. Babuna, Rakle, 1982. VI. 4. - General distribution: European - Anatolian species. Occurrence: New to leaf-beetles fauna of the Republic of Macedonia.

Chrysolina (Fastuolina) fastuosa (Scopoli, 1763) - BG: Strumesnica, 1982. V. 17.; Mts. Pirin: Pirin, Bistrica-v., 1976. VII. 3-5., 1982. V. 21.; Predel-pass, 1982. V. 22-23.; GR: prov. Pieria: Mts. Olympus, Ag. Dimitrios, 1981. V. 4.; prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Skopje: Mts. Skopska Crna Gora, 1400-1500 m, 1998. V. 28. - General distribution: Euroasiatic species. Occurrence: It is common in the Republic of Macedonia. FP: *Galeopsis*, *Lamium*, *Labiatae*, *Cannabis* spp.

Chrysolina (Hypericia) geminata (Paykull, 1799) - RM: prov. Gostivar: Mts. Bukovik, 800-1200 m, 1997. V. 2-3. - General distribution: European species, which is found sporadic and not frequent in the Republic of Macedonia. FP: *Hypericum* spp.

Chrysolina (Euchrysolina) graminis (Linnaeus, 1758) - GR: prov. Pieria: Fotina, 2004. VI. 3., Lofos, 2004. VI. 3, Mts. Pieria, Ritini, 2004. VI. 3. - General distribution: Euroasiatic species, which wide-spread but not frequent in Republic of Macedonia.. FP: *Compositae*, *Tanacetum*, *Chrysanthemum*, *Artemisia*, *Achillea* spp.

Chrysolina (Stichoptera) gypsophilae (Küster, 1845) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1982. V. 18.; GR: prov. Halkidiki: Paljokastre, 1995. V. 22.; prov. Thessaloniki: Nymfopetra, 1995. V. 21. - General distribution: West-Palearctic species. FP: *Linaria* and *Salvia* spp.

Chrysolina (Colaphodes) haemoptera (Linnaeus, 1758) - BG: Mts. Pirin: Sugarevo, 1976. VII. 14.; RM: prov. Berovo: Maleševsky Pl., 800-1000 m, 1998. VI. 6.; prov. Vinica: Mts. Obozna, 700-800 m, Laki, 1998. VI. 6. - General distribution: European - Anatolian species. Occurrence: Not frequent. FP: *Plantago* spp.

Chrysolina (Synerga) herbacea Duftschmid, 1825) - BG: Mts. Pirin: Lopovo, 1976. VII. 13.; Sandanski, 1976. VII. 1-3.; Pirin, Bistrica-v., 1976. VII. 3-5., 1982. V. 21.; Baničan, 1982. V. 31.; Sugarevo, 1983. VII. 10.; GR: prov. Pieria: Katherine, 1981. V. 3-5.; prov. Drama: Mts. Falakro, 900 m, Pigi, 1995. V. 24.; prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Delčevo: Delčevo, 1982. VI. 3.; prov. Gostivar: Mts. Bistra, Lazaropolje, 1100 m, 1998. V. 30.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7.; Prilepsko Pl., Dolneni, 1997. VII. 12.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: Euroasiatic species. Occurrence: Wide-spread and common in Republic of Macedonia. FP: *Labiatae* and *Mentha* spp.

Chrysolina (Hypericia) hyperici (Forster, 1771) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1982. V. 18.; Goce Delčev, 1982. VI. 1.; RM: prov. Bitola: Kažani, 1998. VI. 5.; prov. Kavadarci: Bebršte, 1998. V. 31.; prov. Kruševo, Kruševo, Mt. Crn Vrv, 1400 m, 1998. V. 31.; prov. Mak. Brod: Mts. Drobaci, Treska-v., 1998. VI. 2-3.; prov. Prilep: Mažučiste, 1998. V. 31., Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VII. 4.; prov. Vinica: Kalimanci, 1982. VI. 3. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Hypericum*.

Chrysolina (Craspeda) limbata (Fabricius, 1775) - BG: Mts. Pirin: Lopovo, 1976. VII. 13.; RM: prov. Skopje: Torbešija, G. Količan, 1997. IV. 30.; Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; prov. Štip: Konečka Pl., 500-700 m, Leskovica, 1997. V. 7.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: European - Siberian species. Occurrence: Very wide-spread and frequent in Republic of Macedonia. FP: *Plantago* and *Artemisia* spp.

Chrysolina (Chalcoidea) marginata (Linnaeus, 1758) - RM: prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Skopje: Mts. Skopska Crna Gora, 1400-1500 m, 1998. V. 28.; Mts. Skopska Crna Gora, 300 m, Mon. Sv. Ilija, 1998. V. 27.; prov. Gostivar: Mts. Bukovik, 800-1200

m, 1997. V. 3. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Achillea*, *Tripleurospermum*, *Artemisia*, *Chrysanthemum*, *Tanacetum* spp.

Chrysolina (Sulcicollis) oricalcia (O. F. Müller, 1776) - GR: prov. Kavála: Mts. Pangéo, 800 m, Akrovouni, 1995. V. 25.; RM: prov. Mak. Brod: Mts. Drobaci, Treska-v., 1998. VI. 2-3. - General distribution: European - Siberian species. Occurrence: This is a new record for leaf-beetles fauna the Republic of Macedonia. FP: *Umbelliferae*, *Chaerophyllum*, *Anthriscus*, *Populus*, *Aegopodium* spp.

Chrysolina (Erythrochrysa) polita (Linnaeus, 1758) - BG: Mts. Pirin: Predel-pass, 1100 m, 1982. V. 22-23.; Baničan, 1982. V. 31.; Bansko, 1993. VII. 3.; Sugarevo, 1983. VII. 10.; GR: prov. Thessaloniki: Rendina, 1995. V. 26. - General distribution: European - Siberian species. Occurrence: Not common. FP: *Mentha* spp.

Chrysolina (Hypericia) quadrigemina (Suffrian, 1851) - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3.; GR: prov. Thessaloniki: Rendina, 1995. V. 26. - General distribution: West-Mediterranean species. Occurrence: Very rare.

Chrysolina (Stichoptera) sanguinolenta (Linnaeus, 1758) - RM: prov. Mak. Brod: Treska-v., 4 km E of Monastirec, 1998. VI. 3. - General distribution: European - Siberian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Compositae*, *Galium*, *Labiatae*, *Scrophulariaceae*, *Linaria*, *Veronica*, *Euphorbia* spp.

Chrysolina (Chrysolina) staphylaea (Linnaeus, 1758) - BG: Mts. Pirin: Bansko, 1993. VII. 3. - General distribution: Euroasiatic species. Occurrence: Not frequent. FP: *Ranunculus acer*, *Labiatae*, *Mentha*, *Lamium* spp.

Chrysolina (Ovosoma) turca (Fairmaire, 1865) - BG: Mts. Pirin: Lopovo, 1982. V. 19. - General distribution: Balkan species.

Chrysolina (Ovosoma) vernalis ottomana (Weise, 1906) - GR: prov. Kavála: Krinides, Filippi, 1995. V. 24.; prov. Dráma: Mts. Falakro, 900 m, Pírgi, 1995. V. 24.; prov. Pieria: Mts. Olympos, Ag. Dimitrios, 1981. V. 4.; Mts. Olympos, Litohoro, 1995. VI. 15., leg. D. Szalóki; 20 km N of Katerini, 2004. V. 17.; prov. Thessaloniki: Aréthoussa, 1995. V. 23.; Askos, 1995. V. 23., Nymfopetra, 1995. V. 21.; Rendina, 1995. V. 21-26.; RM: prov. Kruševo: Kruševo, Mt. Crn Vrv, 1350 m, 1997. V. 5-6., 1997. VI. 13.; prov. Mak. Brod: Mt. Drobaci, Treska-v., 1998. VI. 2-3.; prov. Ohrid: Mts. Galičica, Ljubanište, 1978. VI. 8-9.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., 1982. VI. 4, Prilepsko Pl., 600 m, Volkovo, 1997. V. 6., 1998. V. 31.; Mts. Dren, Dunje, 1997. V. 7.; prov. Radoviš: Radoviš, 1982. V. 17.; prov. Skopje: Mts. Skopska Crna Gora, Raštak, 1997. V. 4.; prov. Strumica: Mts. Obesenik, Podazlija-pass, Hamzali, 1997. V. 8.; prov. Veles: 5 km NW of Viničani, 1997. V. 1.; prov. Kavadarci: Faris, 1997. V. 1. - General distribution: East-Mediterranean subspecies. Occurrence: Very wide-spread and common. FP: *Plantago* spp.

Genus: **Oreina** Chevrolat, 1837

Oreina (Allorina) caerulea serbica Apfelbeck, 1916 - BG: Mts. Pirin: Haramibunar, 1982. VI. 1., Sugarevo, 1976. VII. 14. - General distribution: Balkan subspecies. FP: *Centaurea* spp.

Oreina (Virgulatorina) virgulatorina ljubetensis Apfelbeck, 1912 - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3., Dobrinište, 1976. VII. 7., Haramibunar, 1982. VI. 1., Mt. Vihren, 1800 m, 1976. VII. 10-12., Sugarevo, 1976. VII. 14. - General distribution: Balkanean subspecies. FP: *Cirsium* and *Carduus* spp.

Genus: **Chrysomela** Linnaeus, 1758

Chrysomela (Chrysomela) populi Linnaeus, 1758 - BG: Mts. Pirin: Sandanski, Popina Laka, 1976. VII. 1-3. -General distribution: Palearctic species. Occurrence: Wide-spread and common. FP: *Populus alba*, *P. tremula*, *Salix viminalis*.

Chrysomela (Chrysomela) saliceti (Weise, 1884) - BG: Mts. Pirin: Sandanski, Popina Laka, 1976. VII. 1-3. -General distribution: Euroasiatic species. Occurrence: Common. FP: *Salix purpurea*, *S. viminalis*.

Chrysomela (Strickerus) vigintipunctata (Scopoli, 1763) - RM: prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9.; prov. Ohrid: Crvena Voda, 1997. V. 2. - General distribution: Euroasiatic species. Occurrence: Wide-spread and frequent. FP: *Salix alba*, *S. purpurea*, *S. daphnoides*, *S. fragilis*.

Genus: **Colaphus** Dahl, 1823

Colaphus sophiae transylvanicus Machatschke, 1954 - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Radoviš: Radoviš, 1982. V. 17.; prov. Skopje: Torbesija, D. Količan, 1997. IV. 30.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Balkan subspecies. Occurrence: Wide-spread and frequent. FP: *Descurainia sophia*, *Sinapis alba*, *Brassica napus*, *Cruciferae* spp.

Genus: **Gastrophysa** Chevrolat, 1837

Gastrophysa polygoni (Linnaeus, 1758) - BG: Mts. Pirin: Sugarevo, 1982. V. 18., Pirin, Bistriceva., 1976. VII. 3-5.; RM: prov. Radoviš, Radoviš, 1982. V. 17.; prov. Štip: Mts. Konečka Pl., 600 m, Leskovic, 1997. V. 7.; prov. Skopje: Katlanovo, 1981. V. 2.; Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; Torbešija, D. Količan, 1997. IV. 30.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Holarctic species. Occurrence: Wide-spread and frequent. FP: *Polygonum* and *Rumex* spp.

Genus: **Phaedon** Dahl, 1823

Phaedon (Phaedon) cochleariae (Fabricius, 1792) - GR: prov. Florina: Florina, 1981. V. 22.; prov. Thessaloniki: Rendina, 1995. V. 21.; RM: prov. Mak. Brod: Treska-v., 4 km N of Devič, 1998. VI. 3.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: European - Siberian species. Occurrence: Very rare. GRUEV (1998) made mention of one place of occurrence only in the Republic of Macedonia. FP: *Armoracia lapathifolia*, *Cruciferae* spp.

Phaedon (Neophaedon) pyritosus (Rossi, 1792) - BG: Mts. Pirin: Baničan, 1982. V. 31. - General distribution: West-Palearctic species. Occurrence: Not frequent. FP: *Ranunculus repens*.

Genus: **Hydrothassa** Thomson, 1866

Hydrothassa (Agrostithassa) flavocincta (Brullé, 1832) - GR: Gavros, 1981. V. 22.; RM: prov. Resen, Leva Reka, 1997. V. 2. - General distribution: Ponto-mediterranean species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia.

Genus: **Prasocuris** Latreille, 1802

Prasocuris junci (Brahm, 1790) - GR: prov. Thessaloniki: Rendina, 1995. V. 26. - General distribution: European - Anatolian species. FP: *Veronica beccabunga*, *V. anagallis*, *Ranunculus sceleratus*, *Umbelliferae* and *Sium* spp.

Genus: **Plagioderia** Chevrolat, 1837

Plagioderia versicolora (Laicharting, 1781) - RM: prov. Skopje: Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; Mts. Skopska Crna Gora, Mt. Dušanovac, 1997. VII. 9.; Mts. Skopska Crna Gora, 300 m, Mon. Sv. Ilija, 1998. V. 27.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: Holarctic species. Occurrence: Frequent. FP: *Salix* and *Populus* spp.

Genus: **Goniocтена** Chevrolat, 1837

Goniocтена (Spartomena) fornicata (Brüggemann, 1873), - GR: prov. Thessaloniki: Aréthoussa, 1995. V. 23., Rendina, 1995. V. 26; RM: prov. Mak. Brod: Mt. Drobaci, Treska-v, 1998. VI. 2-3.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7.; prov. Radoviš, Radoviš, 1976. VI. 28-29. - General distribution: Ponto - Mediterranean species. Occurrence: Frequent. FP: *Medicago sativa*. *Goniocтена (Goniomena) pallida* (Linnaeus, 1758) - BG: Mts. Pirin: Pirin, Bistriceva., 1982. V. 21., Sandanski, 1976. VII. 1-3. - General distribution: European - Siberian species. FP: *Sorbus*, *Corylus*, *Salix*, *Padus* spp.

Goniocтена (Spartophila) olivacea (Forster, 1771) - RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: European - African species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Sarothamus scoparius*, *Genista tinctoria*, *G. germanica*, *Laburnum anagyroides*, *Papilionaceae* spp.

Genus: **Phratora** Chevrolat, 1837

Phratora (Phratora) vitellinae (Linnaeus, 1758) - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3., Baničan, 1982. V. 31.; RM: prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1997. VII. 11. - General distribution: Holarctic species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Salix* and *Populus* spp.

Phratora (Chaetoceroideus) vulgatissima (Linnaeus, 1758) - BG: Mts. Pirin: Pirin, Bistriceva., 1976. VII. 3-5.

Genus: **Timarcha** Dejean, 1821

Timarcha (Timarchostoma) pratensis (Duftschmid, 1825) - RM: prov. Skopje: Mt. Vodno, 600 m, Skopje, 1997. IV. 29. - General distribution: European - Anatolian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia.

Timarcha (Timarcha) tenebricosa tenebricosa (Fabricius, 1775) - BG: Mts. Pirin: Pirin, Bistriceva., 1976. VII. 3-5., 1982. V. 21., Goce Delčev, 1976. VII. 6., Haramibunar, 1982. VI. 1., Pirin,

1982. V. 21., Sugarevo, 1983. VII. 10.; Sandanski, 1973. VII. 15., leg. K. Gaskó.; RM: prov. Gostivar: Mts. Bukovik, 800-1200 m, 1997. V. 2-3.; prov. Skopje: Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27.; Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; prov. Strumica: Mts. Obesenik, Podazlija-pass, 1997. V. 8.; prov. Kruševo: Mt. Crn Vrv, Kruševo, 1997. V. 6. - General distribution: European species. Occurrence: Frequent. FP: *Rubiaceae* and *Galium* spp.

Genus: *Entomoscelis* Chevrolat, 1835

Entomoscelis suturalis Weise, 1882 - GR: prov. Thessaloniki: Asprovalta, 1995. V. 20. - General distribution: European - Turanian species. FP: *Cruciferae*, *Glaucium*, *Corniculatum* spp.

Subfamily: GALERUCINAE Latreille, 1802

Genus: *Xanthogaleruca* Laboissière, 1934

Xanthogaleruca luteola (O. F. Müller, 1766) - RM: prov. Mak. Brod: 4 km E of Monastirec, 1998. VI. 3.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Štip: Lakavica, 1982. V. 16.; prov. Prilep: Prilep, 1971. VIII. 5., light trap. - General distribution: Holomediterranean species. Occurrence: Rather rare. FP: *Aesculus hippocastanum* and *Ulmus* spp.

Genus: *Galerucella* Crotch, 1873

Galerucella (Neogalerucella) calvariensis (Linnaeus, 1767) - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - General distribution: Palearctic species. Occurrence: Not frequent. FP: *Lythrum salicaria*.

Galerucella (Neogalerucella) lineola (Fabricius, 1781) - GR: prov. Dráma: Mts. Falakro, 900 m, Pírgi, 1995. V. 24.; RM: prov. Delčevo, Delčevo, 1982. VI. 3. - General distribution: European - Anatolian species. Occurrence: Not frequent. FP: *Salix alba*, *Corylus avellana*, *Lysimachia vulgaris*, *Alnus glutinosa*, *A. incana*, *Populus nigra* and *Rumex* spp.

Galerucella (Neogalerucella) pusilla (Duftschmid, 1825) - GR: prov. Dráma: Mts Falakro, 900 m, Pírgi, 1995. V. 24. - European - Siberian species. FP: *Lythrum salicaria*.

Genus: *Galeruca* O. F. Müller, 1764

Galeruca (Galeruca) interrupta circumdata (Duftschmid, 1825) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30. - General distribution: The nominotypical subspecies palearctic, this subspecies is Ponto - Balkan spreading. FP: *Artemisia campestris*, *Cardaria draba*, *Gramineae* spp.

Galeruca (Galeruca) littoralis Fabricius, 1787 - BG: Mts. Pirin: Lopovo, 1976. VII. 13.; GR: prov. Thessaloniki: Mikri Volvi, 1995. V. 21.; RM: prov. Prilep: Pletvar, 1997. VII. 13.; Mts. Babuna, Rakle, 1978. VI. 5-7., Bogile, 1978. VI. 7. prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: Adriatic - Mediterranean species. Occurrence: frequent.

Galeruca (Galeruca) pomonae (Scopoli, 1763) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1982. V. 18.; RM: prov. Delčevo, Delčevo, 1982. VI. 3. - General distribution: Euroasiatic species. FP: *Salvia*, *Centaurea*, *Knautia*, *Scabiosa*, *Cirsium*, *Leontodon*, *Phlox*, *Capsella* spp.

Galeruca (Eumarhopa) rufa (Germar, 1824) - BG: Strumica, 1982. V. 17.; RM: prov. Ohrid: Pesočani, Bank of river Sateskar, 1978. VI. 9.; prov. Skopje: Skopje, 1981. V. 2. - General distribution: European - Anatolian species. Occurrence: Rather rare. FP: *Convolvulus arvensis*, *Calystegia sepium*.

Galeruca (Galeruca) tanacetii gibbosa Reiche, 1858 - BG: Mts. Pirin: Lopovo, 1976. VII. 13., Sugarevo, 1976. VII. 14.; GR: prov. Thessaloniki: Rendina, 1995. v: 21-26.; RM: Bogile, 1978. VI. 7.; prov. Delčevo: Delčevo, 1982. VI. 3.; prov. Prilep: Mts. Babuna, Rakle, 1982. VI. 4.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9. - General distribution: The nominotypical subspecies Palearctic, this subspecies is Balkan spreading. FP: *Sinapis arvensis*, *Scabiosa*, *Centaurea*, *Achillea*, *Cerastium*, *Compositae*, *Dipsaceae* spp.

Genus: *Phyllobrotica* Chevrolat, 1837

Phyllobrotica adusta (Creutzer, 1799) - BG: Mts. Pirin: Sandanski, Popina Laka, 1976. VII. 1-3.; RM: prov. Prilep: Mts. Babuna, 1998. VI. 5.; prov. Skopje: Mt. Vodno, Skopje, 1997. VII. 14.; Mts. Ivanje, 900 m, Matka, 1998. VI. 1.; prov. Strumica: BANSKO, 1998. VI. 5.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: Balkan species. Occurrence: frequent. FP: *Scutellaria altissima*, *Stachys recta*, *Asperula campanulata*.

Genus: *Exosoma* Jacoby, 1903

Exosoma gaudionis (Reiche, 1862) - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23., Rendina,

1995. V. 21-26., Asprovalta, 1995. V. 20., Askos, 1995. V. 23.; RM: prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., Mažučiste, 1998. V. 31.; prov. Skopje: Mts. Skopska Crna Gora, 300 m, Mon. Sv. Ilija, 1998. V. 27. - General distribution: Balkan species. Occurrence: Frequent.

Genus: *Calomicrus* Dillwyn, 1829

Calomicrus circumfusus (Marsham, 1802) - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: European species. Occurrence: Not frequent. FP: *Genista*, *Sarothamnus*, *Papilionaceae*, *Cystus* spp.

Genus: *Luperus* Geoffroy, 1762

Luperus cyanipennis Küster, 1848 - RM: prov. Radoviš: Radoviš, 1982. V. 17. - General distribution: Pontic species. Occurrence: very rare. FP: *Acer campestre* and *Salix* spp.

Luperus longicornis (Fabricius, 1781) - RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 1997. VII. 9. - General distribution: Euroasiatic species. Occurrence: very rare. FP: *Alnus* and *Corylus* spp.

Luperus luperus (Sulzer, 1776) - RM: prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Štip: Lakavica, 1982. V. 16. - General distribution: European - Siberian species. Occurrence: rather frequent. FP: *Agrotis alba*, *Ulmus*, *Salix*, *Alnus* spp.

Luperus xanthopoda (Schrank, 1781) - RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9. - General distribution: European - Turanian species. Occurrence: Frequent. FP: *Corylus avellana*, *Padus racemosa*, *Prunus spinosa*, *Populus nigra*, *Ulmus*, *Salix* spp.

Subfamily: ALTICINAE Kutschera, 1859

Genus: *Phyllotreta* Chavrolat, 1837

Phyllotreta atra (Fabricius, 1775) - GR: prov. Thessaloniki: Nymfopetra, 1995. V. 21.; RM: prov. Skopje: Mt. Vodno, 1997. VII. 14.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: Euroasiatic species. Occurrence: wide-spread and frequent. FP: *Brassicaceae* and *Resedaceae* species.

Phyllotreta diademata Foudras, 1859 - RM: prov. Mak. Brod: Treska-v., 4 km N of Devič, 1998. VI. 3. - General distribution: Euroasiatic species. Occurrence: GRUEV (1988) made mention of one data on the basis Heikertinger. This is a second data from Republic of Macedonia. FP: *Lepidium perfoliatum*, *Neslia paniculata*, *Rorippa silvestris*, *Cochlearia officinalis*.

Phyllotreta nigripes (Fabricius, 1775) - GR: prov. Thessaloniki: Nymfopetra, 1995. V. 21.; RM: prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 6.; prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13.; prov. Prilep: Pletvar, 1997. VII. 13., prov. Skopje: Mt. Vodno, 1997. VII. 14.; Mts. Skopska Crna Gora, 1400-1500 m, 1998. V. 28.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: Palearctic species. Occurrence: Common. FP: *Tropaeolum maius*, *Epilobium hirsutum*, *Brassicaceae* spp.

Phyllotreta striolata (Fabricius, 1803) - BG: Mts. Pirin: Pirin, 1982. V. 21. - General distribution: Holarctic species. FP: *Brassicaceae* spp.

Phyllotreta tetrastigma (Comolli, 1837) - BG: Mts. Pirin: Lopovo, 1982. V. 19. - General distribution: European - Siberian species. FP: *Rorippa palustris*, *Cardamine* spp.

Phyllotreta undulata (Kutschera, 1860) - GR: prov. Thessaloniki: Nymfopetra, 1995. V. 21.; RM: prov. Mak. Brod: Treska-v., 4 km N of Devič, 1998. VI. 9. - General distribution: Euroasiatic species. Occurrence: Rare species, GRUEV (1998) made mention of one data from Republic of Macedonia. This is a second data from here. FP: *Tropaeolum majus*, *Reseda lutea*.

Phyllotreta vilis Weise, 1888 - GR: prov. Thessaloniki: Asprovalta, 1995. V. 20. - General distribution: European - Anatolian species. FP: *Erysimum* spp.

Phyllotreta vittula (Redtenbacher, 1849) - RM: prov. Prilep: Pletvar, 1997. VII. 13, RGY; prov. Skopje: Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4., Torbešija, D. Količan, 1997. IV. 30., Mt. Vodno, 1997. VII. 14.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Euroasiatic species. Occurrence: Common. FP: *Brassicaceae*, *Poaceae* spp.

Genus: *Aphthona* Chevrolat, 1837

Aphthona cyparissiae (Koch, 1803) - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: Central- and South-European species. Occurrence: Rare species, only is known from environs Skopje. FP: *Euphorbia cyparissias*, *E. esula*, *E. virgata*.

Aphthona euphorbiae (Schrank, 1781) - BG: Mts. Pirin: Pirin, Bistrice-v., 1982. V. 21., Lopovo,

1982. V. 19. - General distribution: Palearctic species. FP: *Linum usitatissimum*, *Euphorbia cyparissias*, *E. esula*.

Aphthona flava Guillebeau, 1895 - RM: prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13., 1300 m, 1997. V. 6.; prov. Skopje: Mt. Vodno, 1997. VII. 14.; Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: Adriatic - Mediterranean species. Occurrence: Frequent. FP: *Euphorbia cyparissias*.

Aphthona nigriscutis Foudras, 1861 - RM: prov. Kavadarci: Debrište, 1998. V. 31.; prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 6. - General distribution: Ponto - Mediterranean species. Occurrence: Frequent.

Aphthona pygmaea orientalis Mulsant et Rey, 1874 - GR: prov. Halkidiki: Taxiarchis, 1995. V. 27.; prov. Thessaloniki: Rendina, 1995. V. 26. - General distribution: Ponto - Mediterranean species. FP: *Euphorbia cyparissias*, *E. pepus*, *E. helioscopia*.

Aphthona venustula (Kutschera, 1861) - BG: Mts. Pirin: Predel-pass, 1100 m, 1982. V. 21-23., Haramibunar, 1982. VI. 1., Kašina, 1982. V. 20.; RM: prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Skopje: Mts. Karadžica, Šumski Reservat, 1998. VI. 2., Mts. Skopska Crna Gora, 1400-1500 m, 1998. V. 28. - General distribution: European - Anatolian species. Occurrence: very frequent. FP: *Euphorbia amygdaloides*, *E. salicifolia*, *E. cyparissias*, *E. esula*.

Genus: **Longitarsus** Berthold, 1827

Longitarsus (Longitarsus) aeneicollis (Faldermann, 1837) - RM: prov. Kruševo: Kruševo, Mt. Crn. Vrv, 1000 m, 1997. VII. 13.; prov. Prilep: Pletvar, 1997. VII. 13.; prov. Skopje: Mt. Vodno, 1997. VII. 14. - General distribution: Holomediterranean species. Occurrence: Wide-spread and frequent. FP: *Lithospermum officinale*.

Longitarsus (Testergus) anchusae (Paykull, 1799) - RM: prov. Skopje: Torbešija, D. Količan, 1997. IV. 30. - General distribution: European - Siberian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Boraginaceae* spp.

Longitarsus (Longitarsus) exsoletus exsoletus (Linnaeus, 1758) - RM: prov. Skopje: Mt. Vodno, 1997. VII. 14. - General distribution: Palearctic species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Echium vulgare*, *Symphytum officinale*, *Boraginaceae* spp.

Longitarsus (Longitarsus) linnaei (Duftschmid, 1825) - GR: prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Kavála: Mts. Pangéo, Akrovouni, 1995. V. 25.; prov. Pieria: Mts. Olympos, Kariéz, 1981. V. 3. - General distribution: Mediterranean species. FP: *Symphytum tuberosum*.

Longitarsus (Longitarsus) luridus (Scopoli, 1763) - RM: prov. Prilep: Pletvar, 1997. VII. 13.; prov. Resen: Leva Reka, 1997. V. 2.; prov. Skopje: Mts. Skopska Crna Gora, Dušanovac, Mon. Sv. Ilia, 1997. V. 9. - General distribution: Palearctic species. Occurrence: Wide-spread and common. FP: *Ranunculus*, *Clematis* spp.

Longitarsus (Longitarsus) lycopi (Foudras, 1860) - GR: prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Pieria: Mts. Olympos, Ag. Dimitrios, 1981. V. 4. - General distribution: Palearctic species. FP: *Mentha piperita*, *Melissa officinalis*, *Mentha*, *Lamiaceae* spp.

Longitarsus (Longitarsus) melanocephalus (De Geer, 1775) - BG: Mts. Pirin: Pirin, Bistrica-v., 1982. V. 21. - General distribution: Euroasiatic species. FP: *Plantago lanceolata*.

Longitarsus (Longitarsus) niger (Koch, 1803) - RM: prov. Skopje: Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600-1800 m, 1997. VII. 11. - General distribution: European - Anatolian species. Occurrence: Wide-spread and frequent. FP: *Echium vulgare*.

Longitarsus (Longitarsus) nigrofasciatus (Goeze, 1777) - BG: Mts. Pirin: Sugarevo, 1982. V. 18.; GR: prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Kozáni: Mts. Grammos, Pentalofo, 1981. V. 21.; prov. Pieria: Mts. Olympos, Ag. Dimitrios, 1981. V. 4.; prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Delčevo: Delčevo, 1982. VI. 3.; prov. Radoviš, Radoviš, 1982. V. 17.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, Mon. Sv. Ilia, 1997. IV. 29, 1997. V. 9. - General distribution: West-Palearctic species. Occurrence: frequent. FP: *Verbascum*, *Scrophularia* spp.

Longitarsus (Longitarsus) obliterated (Rosenhauer, 1847) - RM: Mts. Suva Gora, Izvor, 1978. VI. 9.; prov. Resen: Leva Reka, 1997. V. 2.; prov. Skopje: Mts. Skopska Crna Gora, 1400-1500 m, 1998. V. 28. - General distribution: European - Anatolian species. GRUEV (1998) mentioned the occurrence of this species near the Prespa-lake. This species has a bigger spreading in the Republic of Macedonia. FP: *Euphorbia cyparissias*, *Lamiaceae* spp.

Longitarsus (Longitarsus) ochroleucus (Marsham, 1802) - GR: prov. Kavála: Mts. Pangéo, Akrovouni, 1500 m, 1995. V. 25.; RM: prov. Prilep: Pletvar, 1997. VII. 13.; prov. Skopje: Mt. Vodno, 1997. VII. 14.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: Palearctic species. Occurrence: This is a new record for the leaf-

beetles fauna of the Republic of Macedonia. FP: *Senecio vulgaris*, *Asteraceae*, *Matricaria* spp.
Longitarsus (Longitarsus) parvulus (Paykull, 1799) - RM: prov. Prilep: Pletvar, 1997. VII. 13. - General distribution: West-Palearctic species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Linum usitatissimum*.
Longitarsus (Longitarsus) pratensis (Panzer, 1794) - RM: prov. Kavadarci: Debršte, 1998. V. 31. - General distribution: West-Palearctic species. Occurrence: Wide-spread and frequent. FP: *Plantago lanceolata*.
Longitarsus (Longitarsus) pulmonariae Weise, 1893 - BG: Mts. Pirin: Pirin, Bistrica-v., 1976. VII. 3-5. - General distribution: Pontic species. FP: *Lithospermum arvense*, *Symphytum officinale*, *Pulmonaria obscura*, *P. mollissima*.
Longitarsus (Longitarsus) quadriguttatus (Pontoppidan, 1763) - RM: prov. Skopje: Mts. Skopska Crna Gora, Mt Dušanovac, Mon Sv. Ilia, 1997. IV. 29. - General distribution: European - Anatolian species. Occurrence: Frequent in the mountains. FP: *Cynoglossum officinale*, *Echium vulgare*.
Longitarsus (Longitarsus) rubiginosus (Foudras, 1860) - GR: prov. Dráma: Mts. Falakro, Pirgi, 900 m, 1995. V. 24.; prov. Thessaloniki: Rendina, 1995. V. 26., Nymfopetra, 1995. V. 21. - General distribution: European - Siberian species. FP: *Calistegia sepium*.
Longitarsus (Longitarsus) symphyti Heikertinger, 1912 - RM: prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9. - General distribution: European species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Symphytum officinale*, *Pulmonaria officinalis*.
Longitarsus (Longitarsus) tabidus (Fabricius, 1775) - RM: prov. Skopje: Torbešija, D. Količan, 1997. IV. 30., Mt. Vodno, 1997. VII. 14.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Verbascum nigrum*.

Genus: *Altica* Fabricius, 1775

Altica carduorum (Guérin-Ménéville, 1858) - BG: Petrič, Strumesnica-v., 1976. VI. 29.; Mts. Pirin: Rožen, Mon. Rožen, 1976. VI. 30., Haramibunar, 1982. VI. 1.; GR: prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Radoviš, Radoviš, 1982. VI. 17.; prov. Vinica: Kalimanci, 1982. VI. 3. - General distribution: European - Siberian species. Occurrence: Wide-spread and common. FP: *Cirsium* spp.
Altica cornivorax Král, 1968 - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3.; Kašina, 1982. V. 20. - General distribution: Central- and South-european species. FP: *Cornus sanguinea*.
Altica lythri Aubé, 1843 - RM: prov. Delčevo, Delčevo, 1982. VI. 3. - General distribution: European species. GRUEV (1998) mentioned only one place of occurrence from the Republic of Macedonia. This is a second data from this place. FP: *Onagraceae* spp.
Altica oleracea (Linnaeus, 1758) - RM: prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 6.; prov. Tetovo: Želino, 1997. V. 3.; prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - General distribution: Palearctic species. Occurrence: common. FP: *Onagraceae*, *Rosaceae*, *Ericaceae* spp.
Altica palustris (Weise, 1888) - BG: Mts. Pirin: Sugarevo, 1976. VII. 14. - General distribution: West-Palearctic species. FP: *Epilobium palustre*, *Lythrum* spp.

Genus: *Hermaeophaga* Foudras, 1860

Hermaeophaga mercurialis (Fabricius, 1792) - RM: prov. Skopje: Katlanovo, 1982. V. 16. - General distribution: European - Anatolian species. GRUEV (1998) mentioned only one place of occurrence on the basis of Apfelbeck. This data is a second. FP: *Mercurialis perennis*.

Genus: *Batophila* Foudras, 1860

Batophila fallax Weise, 1888 - RM: prov. Skopje: Torbešija, Crvena Voda, 1997. IV. 30. General distribution: Pontic species. Occurrence: By the basis of VIG (2002) this data is a second from the Republic of Macedonia. FP: *Corylus avellana*, *Cornus sanguinea*, *Rubus* spp.
Batophila rubi (Paykull, 1799) - BG: Mts. Pirin: Haramibunar, 1982. VI. 1.; RM: Mt. Suva Gora, Izvor, 1978. VI. 9. - General distribution: European species. Occurrence: Wide-spread and frequent. FP: *Rubus*, *Fragaria* spp.

Genus: *Neocrepidodera* Heikertinger, 1911

Neocrepidodera crassicornis (Faldernmann, 1837) - RM: prov. Mak. Brod: Mt. Drobaci, Treska-v., 1998. VI. 2-3. - General distribution: European species. Occurrence: Not frequent. FP: *Centaurea* spp.
Neocrepidodera ferruginea (Scopoli, 1763) - GR: prov. Dráma, Mts. Falakró, Pirgi, 900 m, 1995. V. 24.; RM: Mts. Suva Gora, Izvor, 1978. VI. 9. - General distribution: European - Anatolian species. Occurrence: Frequent. FP: *Gramineae*, *Cirsium*, *Carduus* spp.
Neocrepidodera nigrifula (Gyllenhal, 1813) - RM: prov. Skopje: Mts. Skopska Crna Gora, 500-

600 m, Mon. Sv. Jovan, 1998. V. 27. - European species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia.

Neocrepidodera norica (Weise, 1890) - RM: prov. Skopje: Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27. - General distribution: Balkan-peninsula. GRUEV (1998) mentioned only from Šar Planina Mts. This is a new data of occurrence.

Genus: *Derocrepis* Weise, 1886

Derocrepis (Derocrepis) rufipes (Linnaeus, 1761) - BG: Mts. Pirin: Kašina, 1982. V. 20., Lopovo, 1982. V. 19., Predel-pass, 1100 m, 1982. V. 22-23. - General distribution: European - Siberian species. FP: *Vicia*, *Lathyrus*, *Cytisus*, *Coronilla*, *Genista* spp.

Genus: *Aeschrocnemis* Weise. 1888

Aeschrocnemis serbica Kutschera, 1860 - GR: prov. Halkidiki: Taxiarchis, 1995. V. 22., Paliohora, 1995. V. 22. - European - Anatolian species.

Genus: *Crepidodera* Chevrolat, 1837

Crepidodera aurata (Marsham, 1802) - BG: Mts. Pirin: Predel-pass, 1100 m, 1982. V. 22-23., Baničan, 1982. V. 31., Lopovo, 1982. V. 19., Pirin, 1982. V. 21.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9. - General distribution: Palearctic species. It is known only near Skopje in the Republic of Macedonia. FP: *Salix*, *Populus* spp.

Crepidodera aurea (Geoffroy, 1785) - RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600-1800 m, 1997. VII. 11. - General distribution: European - Siberian species. This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Populus nigra*, *Populus tremula*, *Salix caprea*.

Crepidodera lamina (Bedel, 1901) - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3. - General distribution: European - Anatolian species. FP: *Populus tremula*, *P. nigra*, *Salix* spp.

Genus: *Epitrix* Foudras, 1860

Epitrix pubescens (Koch, 1803) - GR: prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Thessaloniki: Nymfopetra, 1995. V. 21., Rendina, 1995. V. 26. - General distribution: European - Siberian species. FP: *Solanum*, *Lycium*, *Hyoscyamus* spp.

Genus: *Podagrica* Chevrolat, 1837

Podagrica fuscicornis (Linnaeus, 1767) - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Ranino, 1000-1500 m, 1997. VII. 9. - General distribution: Holomediterranean species. FP: *Althea rosea*.

Podagrica malvae malvae (Illiger, 1807) - RM: Skopje, 1981. V. 2. - General distribution: Mediterranean species. Occurrence: Not frequent. FP: *Althea* spp.

Podagrica malvae semirufa Küster, 1847 - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23. - General distribution: Holomediterranean species. FP: *Althea* spp.

Podagrica menetriesi (Faldermann, 1837) - RM: prov. Skopje: Mt. Vodno, Sonje, 1997. IV. 29. - General distribution: Euroasiatic species. Occurrence: Wide-spread and frequent. FP: *Althea rosea*.

Genus: *Mantura* Stephens, 1831

Mantura obtusata (Gyllenhal, 1813) - BG: Mts. Pirin: Baničan, 1982. V. 31. - European species. FP: *Rumex acetosa*.

Genus: *Chaetocnema* Stephens, 1831

Chaetocnema (Chaetocnema) aridula (Gyllenhal, 1827) - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Kavadarci: Debriste, 1998. V. 31.; prov. Mak. Brod: Mt. Drobaci, Treskav., 1998. VI. 2-3.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: European - Siberian species. Occurrence: Wide-spread and frequent. FP: *Gramineae* spp.

Chaetocnema (Tlanoma) chlorophana (Duftschmid, 1825) - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - general distribution: Holomediterranean species. This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Calamagrostis epigeios*, *Agrostis alba*.

Chaetocnema (Tlanoma) concinna (Marsham, 1802) - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Skopje: Mt. Vodno, 1997. VII. 11.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1997. VII. 13. - General distribution: Holarctic species. Occurrence: very rare. FP: *Rumex*, *Polygonum*, *Rheum* spp.

Chaetocnema (Tlanoma) conducta (Motschulsky, 1838) - RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12.; Pletvar, 1997. VII. 13.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka,

1600-1800 m, 1997. VII. 13. General distribution: Palearctic species. GRUEV (1998) mentioned the occurrence of this species only near Skopje. These data are the extension of the place of occurrences. FP: *Heleocharis palustris*, *Juncus* spp.

Chaetocnema (*Chaetocnema*) *hortensis* (Geoffroy, 1785) - BG: Mts. Pirin: Baničan, 1982. V. 31., Predel-pass, 1100 m, 1982. V. 22-23.; GR: prov. Pieria: Mts. Olympos, Ag. Dimitrios, 1981. V. 4.; RM: prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13.; prov. Mak. Brod: Mt. Drobaci, Treska-v., 1998. VI. 2-3.; prov. Prilep: Pletvar, 1997. VII. 13.; prov. Resen: Leva Reka, 1997. V. 2.; prov. Štip: Koñecka Pl., Leskovica, 600 m, 1997. V. 7.; prov. Skopje: Torbešija, D. Količan, 1997. IV. 30., Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4., Mt. Ivanje, 900 m, Matka, 1998. VI. 1.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 2000-2200 m, 1997. VII. 11. - General distribution: Palearctic species. Occurrence: Common. FP: *Gramineae* spp.

Chaetocnema (*Chaetocnema*) *sahlbergi* (Gyllenhal, 1827) - RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 6.; prov. Skopje: Mts. Skopska Crna Gora, Creševo, 800-1200 m, 1997. V. 4.; prov. Tetovo: Mts. Šar Planina, Mt. Popova Šapka, 1600-1800 m, 1997. VII. 11. - General distribution: Euroasiatic species. This is a new record for the leaf-beetles fauna of the Republic of Macedonia. *Chaetocnema* (*Tlanoma*) *tibialis* (Illiger, 1807) - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Mak. Brod: 4 km N of Devič, Treska-v., 1998. VI. 3.; prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, Mon. Sv. Ilija, 1997. V. 9.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Palearctic species. Occurrence: frequent. FP: *Chenopodium album*, *Atriplex hastata*, *Salicornia europaea*.

Genus: *Sphaeroderma* Stephens, 1831

Sphaeroderma testaceum (Fabricius, 1775) - GR: prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13.; prov. Skopje: Mon. Sveti Nikola, 300 m, Matka, 1997. VII. 7. - General distribution: European - Anatolian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Cirsium*, *Carduus* spp.

Genus: *Mniophila* Stephens, 1831

Mniophila muscorum (Koch, 1803) - RM: prov. Berovo: Mts. Maleševski Pl., Prevedena-pass, 1160 m, 1997. V. 8. - General distribution: European species. Occurrence: wide-spread, but not frequent. FP: *Plantago lanceolata*, *Teucrium scordonia*, *Digitalis purpurea*.

Genus: *Dibolia* Latreille, 1829

Dibolia foersteri Bach, 1859 - RM: prov. Skopje: Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27. - General distribution: European species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Betonica officinalis*.

Dibolia occultans (Koch, 1803) - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Radoviš, Radoviš, 1982. V. 17. - General distribution: West-Palearctic species. GRUEV (1998) mentioned from two place of occurrences in Republic of Macedonia. This is the third occurrence. FP: *Mentha aquatica*.

Dibolia rugulosa Redtenbacher, 1848 - RM: prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: European species. This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Sichys recta*.

Dibolia timida (Illiger, 1807) - RM: prov. Prilep: Mažučiste, 1998. V. 31. - General distribution: Mediterranean species. Occurrence: We have sure of data only near Prilep. FP: *Eryngium campestre*.

Genus: *Psylliodes* Berthold, 1827

Psylliodes chalconera (Illiger, 1807) - BG: Mts. Pirin: Predel-pass, 1982. V. 22-23.; GR: prov. Thessaloniki: Mikri Volvi, 1995. V. 21., Vagiohori, 1995. V. 23., Askos, 1995. V. 23., Aréthoussa, 1995. V. 23., Nymfopetra, 1995. V. 21., Sholarion, 1995. V. 21., Rendina, 1995. V. 26.; RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12.; prov. Skopje: Torbešija, D. Količan, 1997. IV. 30. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Carduus*, *Cirsium* spp.

Psylliodes circumdata (Redtenbacher, 1842) -GR: prov. Thessaloniki: Sholarion, 1995. V. 21., Asprovalta, 1995. V. 20., Nymfopetra, 1995. V. 21. - General distribution: Holomediterranean species. FP: *Bunias erucago*, *Brassica nigra*, *Calepina irregularis*.

Psylliodes cupreata (Duftschmid, 1825) - RM: prov. Mak. Brod: Mt. Drobaci, Treska-v., 1998. VI. 2-3. - General distribution: Euroasiatic species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Cruciferae* spp.

Psylliodes gibbosa Allard, 1860 - RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 6. - General distribution: Mediterranean species. FP: *Lolium peremse*.

Psylliodes instabilis Foudras, 1860 - BG: Mts. Pirin: Baničan, 1982. V. 31.; GR: prov. Kavála: Mts. Pangéo, Akrovouni, 1500 m, 1995. V. 25.; prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Kavadarci: Debriste, 1998. V. 31.; prov. Skopje: Mts. Ivanje, 900 m, Matka, 1998. VI. 1.; prov. Tetovo: Želino, 1998. V. 30. - General distribution: Mediterranean species. Occurrence: GRUEV (1998) mentioned only one place of occurrence. Now the data of occurrences important expanded for the Macedonia. FP: *Sinapis arvensis*, *Alyssum montanum*.

Psylliodes isatidis Heikertinger, 1912 - GR: prov. Pieria: Mts. Olympos, 8 km S of Ag. Dimitrios, 2004. VI. 3.; prov. Thessaloniki: Nymfopetra, 1995. V. 21.; RM: prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 6. - General distribution: European - Anatolian species. Occurrence: Not frequent. FP: *Isatis tinctoria*, *I. canescens*.

Psylliodes kiesewetteri Kutschera, 1864 - GR: prov. Thessaloniki: Askos, 1995. V. 23., Rendina, 1995. V. 26. - General distribution: Adriatic - Mediterranean species.

Psylliodes thlaspi Foudras, 1860 - RM: Mts. Suva Gora, Izvor, 1000 m, 1978. VI. 9., Bogile, 1978. VI. 7.; prov. Prilep: Mts. Dren, Ligurasa-pass, 1150 m, Belovodica, 1997. V. 7.; Mts. Babuna, Rakle, 1978. VI. 6. - General distribution: European species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Lepidium campestre*, *L. draba*.

Subfamily: HISPINAE Gyllenhal, 1813

Genus: *Hispella* Chapuis, 1875

Hispella atra (Linnaeus, 1767) - BG: Mts. Pirin, Sandanski, 1976. VII. 1-3., Predel-pass, 1100 m, 1982. V. 22-23., Baničan, 1982. V. 31.; RM: Mts. Suva Gora, Izvor, 1978. VI. 9.; prov. Mak. Brod: Mt. Drobaci, Treska-v., 1998. VI. 2-3.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1600 m, 1998. VI. 4.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 5-7., Ropcovo, 1998. V. 31.; prov. Veles: 5 km NW of Viničani, 1997. V. 5. - General distribution: Palearctic species. Occurrence: Common. FP: *Poa compressa*, *Agropyron repens*.

Subfamily: CASSIDINAE Gyllenhal, 1813

Genus: *Pilemostoma* Desbrochers des Loges, 1891

Pilemostoma fastuosa (Schaller, 1783) - RM: Mts. Suva Gora, Izvor, 1000 m, 1978. VI. 2. - General distribution: European - Siberian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Pulicaria dysenterica*, *Inula squarrosa*, *Senecio jacobaea*.

Genus: *Hypocassida* Weise, 1893

Hypocassida subferruginea (Schränk, 1776) - GR: prov. Halkidiki: Paliokastre, 1995. V. 22.; prov. Kavála: Mt. Pangéo, 800 m, Akrovouni, 1995. V. 25.; prov. Thessaloniki: Nymfopetra, 1995. V. 21., Asprovalta, 1995. V. 20., Rendina, 1995. V. 26.; RM: prov. Gostivar: Lazaropolje, 1100 m, 1978. VI. 10. - General distribution: Palearctic species. Occurrence: Not frequent. FP: *Convulvulus* spp.

Genus: *Cassida* Linnaeus, 1758

Cassida (Cassida) denticollis Suffrian, 1844 - GR: prov. Thessaloniki: Mavrouda, 1995. V. 23., Rendina, 1995. V. 28.; RM: prov. Gostivar: Lazaropolje, 1100 m, 1978. VI. 10. - General distribution: European - Siberian species. Occurrence: Rather rare in the Republic of Macedonia. FP: *Crysanthemum vulgare*, *Achillea millefolium*.

Cassida (Cassida) flaveola Thunberg, 1794 - BG: Mts. Pirin: Predel-pass, 1982. V. 22-23., Pirin, Bistrica-v., 1982. V. 21.; RM: prov. Gostivar: Lazaropolje, 1100 m, 1978. VI. 10. - General distribution: Holarctic species. Occurrence: GRUEV (1998) mentioned only near Skopje. This is a new date from the place of occurrence in Republic of Macedonia. FP: *Stellaria holostea*, *S. graminea*, *Melandryum album*.

Cassida (Cassida) inquinata Brullé, 1832 - RM: prov. Kruševo: Kruševo, 1000 m, 1997. VII. 13.; prov. Prilep: Pletvar, 1997. VII. 13. - General distribution: Turanian - Mediterranean species. Occurrence: Wide-spread and frequent. FP: *Matricaria*, *Anthemis* spp.

Cassida (Cassida) lineola Creutzer, 1799 - BG: Mts. Pirin: Rožen, Mon. Rožen, 1976. VII. 12. - General distribution: Euroasiatic species. FP: *Artemisia absinthium*, *A. campestris*.

Cassida (Mionycha) margaritacea Schaller, 1783 - BG: Mts. Pirin: Rožen, Mon. Rožen, 2004. V. 16.; GR: prov. Pieria: Mts. Olympos, 8 km S of Ag. Dimitrios, 2004. VI. 3.; RM: prov. Skopje: Mts. Skopska Crna Gora, 800-1200 m, Cresevo, 1997. V. 4.; Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27.; prov. Tetovo: Želino, 1998. V. 30.; prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12.; Pletvar, 1997. VII. 13. - General distribution: European - Siberian species.

Occurrence: Wide-spread and common. FP: *Saponaria officinalis*, *Spergula arvensis*, *Silene cucubatus*, *Helichrysum arenarium*, *Anaphalis margaritacea*, *Thymus serpyllum*, *Centaurea* spp.

Cassida (Cassida) nebulosa Linnaeus, 1758 - BG: Mts. Pirin: Predel-pass, 1400 m, 1982. V. 22-23.; GR: prov. Thessaloniki: Mavrouda, 1995. V. 23.; RM: prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12. - General distribution: Euroasiatic species. Occurrence: Wide-spread and frequent. FP: *Chenopodium album*, *Atriplex hastata*.

Cassida (Cassida) pannonica Suffrian, 1844 - GR: prov. Thessaloniki: Asprovalta, 1995. V. 20.; RM: prov. Skopje: Mts. Skopska Crna Gora, Mt. Dušanovac, 800 m, 1997. VII. 9.; Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27., 1998. VI. 8., Mts. Ivanje, 900 m, Matka, 1998. VI. 1. - General distribution: European - Siberian species. Occurrence: Wide-spread and frequent. FP: *Centaurea* spp.

Cassida (Cassida) prasina Illiger, 1798 - BG: Mts. Pirin: Sandanski, 1976. VII. 1-3., Pirin, Bistrica-v., 1982. V. 21., Baničan, 1982. V. 31.; RM: prov. Delčevo: Delčevo, 1982. VI. 3.; prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 5.; prov. Kruševo: Kruševo, Mt. Crn Vrv, 1000 m, 1997. VII. 13.; prov. Mak. Brod: Treska-v., 4 km N of Devič, 1998. VI. 9.; prov. Ohrid: Mts. Galičica, Galičnica-pass, 1400 m, 1998. VI. 4.; prov. Prilep: Prilepsko Pl., Dolneni, 1997. VII. 12.; Pletvar, 1997. VII. 13.; Ropcovo, 1998. V. 31.; prov. Skopje: Katlanovo, 1982. V. 16., Mts. Skopska Crna Gora, 500-600 m, Mon. Sv. Jovan, 1998. V. 27.; prov. Vinica: Kalimanci, 1982. VI. 3. - General distribution: European - Siberian species. Occurrence: Wide-spread and common. FP: *Achillea*, *Chrysanthemum*, *Matricaria*, *Anthemis* spp.

Cassida (Cassida) rubiginosa O. F. Müller, 1776 - BG: Mts. Pirin: Haramibunar, 1982. V. 1., Baničan, 1982. V. 31.; GR: prov. Dráma: Mts. Falakro, Pírgi, 900 m, 1995. V. 24.; prov. Halkidiki: Taxiarchis, 1995. V. 22.; prov. Thessaloniki: Mavrouda, 1995. V. 23., Askos, 1995. V. 23., Rendina, 1995. V. 26.; RM: prov. Bitola: Mts. Baba, Magarevo, Pelister-camp, 700 m, 1978. VI. 7.; prov. Gostivar: Lazaropolje, 1100 m, 1978. VI. 10.; prov. Skopje: Mt. Ivanje, 900 m, Matka, 1998. VI. 1.; Mt. Vodno, 600 m, Sonje, 1997. IV. 29.; prov. Kavadarci: Faris, 1997. V. 1. - General distribution: Palearctic species. Wide-spread and common. FP: *Carduus*, *Cirsium* spp., *Onopordum acanthium*, *Arctium lappa*, *Sonchus oleraceus*, *Chrysanthemum vulgare*.

Cassida (Cassida) sanguinolenta O. F. Müller, 1776 - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Berovo: Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Prilep: Mts. Babuna, Rakle, 1978. VI. 6.; prov. Vinica: Kalimanci, 1982. VI. 3. - General distribution: European - Siberian species. Occurrence: Wide spread and frequent. FP: *Achillea millefolium*.

Cassida (Cassida) stigmatica Suffrian, 1844 - RM: prov. Berovo: Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Bitola: Mts. Baba, Magarevo, Pelister-camp, 700 m, 1978. VI. 7.; prov. Gostivar: Lazaropolje, 1100 m, 1978. VI. 10. - General distribution: European - Siberian species. Occurrence: This is a new record for the leaf-beetles fauna of the Republic of Macedonia. FP: *Achillea millefolium*, *Chrysanthemum vulgare*.

Cassida (Mionycha) subreticulata Suffrian, 1844 - BG: Mts. Pirin: Baničan, 1982. V. 31.; RM: prov. Tetovo: Želino, 1998. V. 30. - General distribution: European - Siberian species. Occurrence: This species is known till now from the Mountains Šar Planina in Republic of Macedonia. Very rare. FP: *Saponaria officinalis*, *Antennaria dioica*, *Dianthus plumarius*, *Lichenis*, *Melandryum* spp.

Cassida (Cassida) vibex Linnaeus, 1767 - GR: prov. Thessaloniki: Rendina, 1995. V. 26.; RM: prov. Kratovo: Žguri-pass, 880 m, 1998. VI. 5.; prov. Prilep: Mts. Babuna, Rakle, 1982. VI. 4.; prov. Radoviš: Radoviš, 1982. V. 17. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Cirsium arvense*, *C. palustre*, *Chrysanthemum vulgare*.

Cassida (Odontionycha) viridis Linnaeus, 1758 - BG: Mts. Pirin: Kašina, 1982. V. 20.; Lopovo, 1982. V. 19.; Pirin, Bistrica-valley, 1982. V. 26-27.; Predel-pass, 1100 m, 1982. V. 22-23.; RM: prov. Berovo, Mts. Maleševski Pl., 800-1000 m, 1998. VI. 6.; prov. Skopje: Skopska Crna Gora, 300 m, Mon. Sv. Ilija, 1998. V. 27. - General distribution: Palearctic species. Occurrence: Wide-spread and frequent. FP: *Salvia*, *Stachys*, *Mentha*, *Galeopsis*, *Lycopus* spp.

Table 1: Divisions of the collected material by localities and subfamilies

Subfamily	BG	GR	RM
Donaciinae	1		1
Orsodacninae	1	1	1
Criocerinae	2		2
Clytrinae	14	5	19
Cryptocephalinae	15	12	24
Eumolpinae	1		3
Chrysomelinae	28	16	37
Alticinae	21	24	56
Hispinae	1		1
Cassidinae	9	7	15
Altogether	93	65	159

Summary

In Bulgaria (Pirin Mts.), in the Greek Macedonia provinces and in the Republic of Macedonia (ex Yugoslav Macedonia) we have collected 213 species in 61 genera of Chrysomelidae. In the species list there are 93 species from Bulgaria, 65 from Greece and 159 from the Republic of Macedonia.

The following species represent new distribution records to the Republic of Macedonia:

Eumolpus asclepiadeus (Pallas, 1773)
Chrysolina didymata (Scriba, 1791)
Chrysolina sanguinolenta (Linnaeus, 1758)
Hydrothassa flavocincta (Brullé, 1832)
Gonioctena olivacea (Forster, 1771)
Phratora vitellinae (Linnaeus, 1758)
Timarcha pratensis (Duftschmid, 1825)
Longitarsus anchusae (Paykull, 1799)
Longitarsus exoletus (Linnaeus, 1758)
Longitarsus ochroleucus (Marsham, 1802)
Longitarsus parvulus (Paykull, 1799)
Longitarsus symphyti Heikertinger, 1912
Neocrepidodera nigritula (Gyllenhal, 1813)
Crepidodera aurea (Geoffroy, 1785)
Chaetocnema chlorophana (Duftschmid, 1825)
Chaetocnema sahlbergi (Gyllenhal, 1827)
Sphaeroderma testaceum (Fabricius, 1775)
Dibolia foerster Bach, 1859
Dibolia rugulosa Redtenbacher, 1848
Psylliodes cupreata (Duftschmid, 1825)
Psylliodes thlaspis Foudras, 1860
Pilemostoma fastuosa (Schaller, 1783)
Cassida stigmatica Suffrian, 1844

The exploration of the Chrysomelidae fauna of the Republic of Macedonia warrants further research. It is anticipated that this environmentally diverse area, where the European Alpine and Mediterranean fauna meet will produce more species hitherto unknown to this country.

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