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| Научни трудове на ПУ, <i>Animalia</i>     | Год./An. | Том/Vol. | Кн./Fasc. | с./pp. |
| Trav. Sci. Univ. Plovdiv, <i>Animalia</i> | 2004     | 40       | 6         | 37–75  |

**THE LEAF BEETLES (INSECTA: COLEOPTERA:  
CHRYSOMELIDAE) OF THE STARA PLANINA RIDGE  
AND THE FORE-BALKAN (BULGARIA). FAUNA AND  
ZOOGEOGRAPHY**

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**Abstract.** Faunistic and zoogeographic data about 363 taxa of Chrysomelidae, established in the Stara Planina Ridge and the Fore Balkan are given.

**Key words:** Insecta, Coleoptera, Chrysomelidae, Bulgaria, Stara Planina ridge, Fore-Balkan, faunistic list, zoogeography

**INTRODUCTION**

Publications of some Bulgarian and foreign authors contain information about leaf beetles of the Stara Planina ridge and the Fore-Balkan. Only one of them (TOMOV, GRUEV, 1969) however is specially given up to that region. Since the publishing of the mentioned work till now some nomenclatoric and taxonomic changes have been made and many new data have been accumulated.

The present work actualizes and fills up the faunistic list of the leaf beetles in the Stara Planina ridge and the Fore-Balkan and proposes a zoogeographical classification of the taxa.

The Stara Planina ridge and the Fore-Balkan are examined here together because of their common and simultaneous origin, some common characteristics of their geological history (BONCHEV, 1986), their immediate proximity, and also because of the similar ecological conditions in the Fore-Balkan with the low and middle parts of the Stara Planina ridge.

The Fore-Balkan is accepted here in the limits pointed out by DINEV, MISHEV (1980). It begins with Vrashka Chuka (692 m a. s. l.) in the West. Then follow: Rabishka Mogila, Belogradchik rocks, Venetsa, Vedernishki dyal, Shiroka Planina,

Prevala, Pastrinata, Veslets, Milin Kamak, Mezdra hilly part, Botevgrad elevations, Central Fore-Balkan (between the rivers Vit and Stara Reka), Vasilyovska Planina (1490 m a. s. l.), Lisets Planina, Chernovrashki rid (hills), Elenski rid (hills), Mikrenski rid (hills), Strazhata, Lovchanska Planina, Devetashko, Pluzhensko, Belyakovsko and Arbanashko plateaus, Veliko Tarnovo elevations, East Fore-Balkan (Slannik, Gerlovo, Lisa Planina, Preslavsko-Dragevaska Planina etc.). The Stara Planina ridge comes to an end in the East with Eminska Planina by the Black Sea.

**Acknowledgements.** I deeply thank Dr. VASSIL TOMOV of the University of Plovdiv who kindly placed his materials of Orsodacninae, Zeugophorinae, Donaciinae, Criocerinae, Clytrinae, Cryptocephalinae and Galerucinae (identified by him) at my disposal.

#### FAUNISTIC PART

Localizations of the mountain hostels, places, parks, reserves and caves used in the faunistic list:

**Mountain hostels:** „Chavdar“ – Etropolevska planina; „Chumerna“ „Kozya stena“ and „Ekho“ – Troyanska planina; „Hubavets“, „Levski“, „Tazha“ and „Ray“ – Kaloferska planina; „Luda kamchiya“, – East Stara planina; „Parshevitsa“ and „Zdravchenitsa“ – Vrachanska planina; „Paskal“ – Zlatishko-Tetevenska planina; „Svishtiplaz“ and „Vezhen“ – Tetevenska planina; „Vedernika“ – West Fore-Balkan (Vedernishki rid)

**Places:** dam „Asenovets“, „Kozhbonar“, „Mollova Gora“, „Kutelka“ and resort „Sinite Kamani“ – Slivenska planina; „Lyulyatsite“ – Gabrovski ridove (hills), „Panitsite“ – Kaloferska planina; „Patleyna“ – Dragevaska planina; „Shabavitsa“ and „Shablanitsa“ – Berkovska planina; „Skaklya“ and „Vratsata“ – Vrachanska planina, „Kostina“ – Tetevenska planina

**Parks and reserves:** woodpark „Karandila“, park „Motchurite“ and woodpark „Ravna Reka“, – Slivenska planina; res. „Steneto“ – Troyanska planina

**Caves:** „Ledenika“ – Vrachanska planina; „Magura“ – West Fore-Balkan (near vill. Rabisha)

#### Faunistic list

Abbreviations: **ab.** – above, **b.** – below, **c.** – cave, **cp.** – cape, **h.** – hill, **m.** – manastir, **m. h.** – mountain hostel, **p.** – place, **pl.** – planina, **res.** – resort, **s.** – summit, **vill.** – village; **zoogeographical complexes:** **NH** – Northern Holarctic complex (**B** – Boreal element, **Bm** – Boreo-mountainous subelement), **S** – Siberian complex (**EAP** – Euroasiatic Palaearctic element, **SibE** – Sibero-European subelement, **SSibE** – Southsibero-European subelement, **TrPal** – Transpalaearctic subelement, **HPal** – Holopalaearctic subelement, **H** – Holarctic element), **E** – European complex (**ME** – Mideuropean element, **ME (mt)**, Mideuropean mountainous subelement, **SEE (mt)** – Southeasteuropean mountainous subelement, **SbM** – Submediterranean element, **HSbM** – Holosubmediterranean subelement, **EsbM** – Eastsubmediterranean subelement), **SWAs** – Southwestern Asiatic complex, **SbIn** – Subiranian element, **IT** – Irano-Turanian subelement, **AsM** – Asia Minor subelement, **Eux** – Euxinian element), **End** – Endemic (**BnE** – Balkan endemic, **BgE** – Bulgarian endemic)

### Subfamily ORSODACNINAE

#### **Orsodacne humeralis** Latreille, 1804

**A.** Tvarditsa (TOMOV, GRUEV, 1969), Sliven (APFELBECK, 1012, 1916). Distribution: southern part of Mid Europe, France, Italy, Balkan Peninsula, Asia Minor. E/SbM/HSbM

### Subfamily ZEUGOPHORINAE

#### **Zeugophora subspinosa** (Fabricius, 1781)

**A.** Stara pl. (GRUEV, TOMOV, 1984). Distribution: from England and Pyrenees to West Siberia. S/EAP/SibE

### Subfamily DONACIINAE

#### **Donacia clavipes** Fabricius, 1792

**A.** Sliven (HRISTOVICH, 1892). Distribution: from South France and North-East Spain to Siberia and North China. S/EAP/SibE

#### **Donacia simplex** Fabricius, 1775

**A.** ab. Vratsa (TOMOV, GRUEV, 1969). New material: Kazanlak, 30.V.1988. **B.** Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: from the British Isls. And Spain to Mongolia and East Siberia; North Africa. S/EAP/HPal

#### **Donacia thalassina** Germar, 1811

**B.** Belogradchik, Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Europe, Siberia, Mongolia, North-West China. S/EAP/TrPal

#### \* **Donacia vulgaris** Zschach, 1788

**A.** Vratsa, 5.VI.1984. Distribution: from the British Isls. and Spain to Japan. S/EAP/TrPal

#### **Plateumaris consimilis** (Schrank, 1781)

**A.** Klisurski manastir, b. peak Murgash, ab. Vratsa, vill. Krastets (TOMOV, GRUEV, 1969), Shipchenski Balkan (NETOLTZKY, 1912). New material: vill. Katina, 4.VI.1972, Berkovski Kom, 2000 m, 26.VI.1922. **B.** New material: Belogradchik, 23.V.1966, Varshets, V.1966. Distribution: from West Europe to Japan. S/EAP/TrPal

### Subfamily CRIOCERINAE

#### \* **Crioceris duodecimpunctata** (Linnaeus, 1758)

**A.** m. h. „Chumerna“, 1200 m, 18.VII.1916. Distribution: from Portugal and England to Korea. S/EAP/TrPal

#### **Crioceris quatuordecimpunctata** (SCOPOLI, 1763)

**A.** Sliven (NEDELKOV, 1909). Distribution: Mid, South-East and East Europe. E/ME

#### **Lilioceris lilii** (Scopoli, 1763)

**A.** m. h. „Balkanski rozi“ (TOMOV, 1970). New material: Karlovo, VII.1967. **B.** Veliko Tarnovo (NEDELKOV, 1909 a: *Crioceris lilii*). New material: Veslets, VIII.1981. Distribution: from Morocco and England to Kazakhstan, Altai and Siberia. S/EAP/SibE

#### **Lilioceris merdigera** (Linnaeus, 1758)

**A.** vill. Krastets (TOMOV, GRUEV, 1969). New material: Vratshanska pl., 22.VI.1938. Distribution: from the Iberian Peninsula, France and South Norway to Japan. S/EAP/TrPal

#### **Oulema gallaeciana** (Heyden, 1870)

**A.** b. peak Murgash, ab. Vratsa, vill. Krastets (TOMOV, GRUEV, 1969 – Lema lichenis). New material: Kalofer, 26.V.1960, Berkovitsa, 20.V.1966, Vratsa, 31.V.1967. **B.** s. Vrashka Chuka, Belogradchik, near c. „Magura“, Dryanovski m., (TOMOV, GRUEV, 1969 – Lema lichenis). New material: vill.

Rakovitsa, 23.VI.1065, Varshets, 25.V.1966, Varbanovo, 17.V.1967. Distribution: western, northern and central parts of Europe, the whole basin of Danube, European Russia, West Siberia. S/EAP/SibE

**Oulema melanopus** (Linnaeus, 1758)

**A.** Widely distributed in the region (Tomov, Gruev, 1969). New material: **A.** b. peak Murgash, 1300 m, 14.VII.1964, m. h. „Levski“, 27.V.1966, 17.VII.1066, VIII.1966, m. h. „Balkanski rozi“, vill. Krastets, 18.V.1967, Vratsa, 31.V.1967, resort „Sinite Kamani“ above Sliven, 8.VI.1974, vill. Shipka, 3.VI.1987, Kalofer, VI.1987. **B.** s. Vrashka Chuka, 22.VI.1965, Varshets, 25.V.1966, Dryanovski m., 16.V.1967, vill. Varbanovo, 17.V.1967, near c. „Magura“, 29.V.1967, Lovech, VII.1967. Distribution: from Ireland, South Norway and Morocco to Middle Siberia and Mongolia. S/EAP/SibE

**Subfamily CLYTRINAE**

**Cheilotoma erythrostroma** Faldermann, 1837

**A.** vill. Cheparlantsi, (TOMOV, GRUEV, 1969 – *Cheilotoma erythrostroma*). New material: **B.** near c. „Magura“, 29.V.1967, Veliko Tarnovo, 9.V.1995. Distribution: Spain, Bulgaria, Rumania, Crimea, South Russia, North and Central Kazakhstan. S/EAP/SibE

**Cheilotoma musciformis** (Goeze, 1777)

**A.** b. peak Murgash, Vitinya-Pass, m. h. „Paskal“ (TOMOV, GRUEV, 1969 – *Cheilotoma musciformis*). New material: resort „Sinite Kamani“ ab. Sliven, 1000 m, 8.VI.1971. Distribution: from East France and North Italy, Bulgaria, South Ukraine and Caucasus to East Kazakhstan. S/EAP/SibE

**Clytra atraphaxidis** (Pallas, 1773)

**A.** ab. Sliven (TOMOV, GRUEV, 1969). Distribution: from Spain, Corsica, Sicily, South Italy, Greece to Middle Asia, Mongolia, Korea. S/EAP/TrPal

**Clytra laeviuscula** Ratzeburg, 1837

**A.** Godech (TOMOV, GRUEV, 1969). Vill. **B.** Arbanasi (Vig, 2002). Distribution: from France and England to Kazakhstan and Altai Range. S/EAP/SSibE

**Clytra novempunctata** Olivier, 1808

**A.** m. h. „Balkanski rozi“ (TOMOV, GRUEV, 1969). New material: cp. Emine, 12.VI.1970. **B.** vill. Rakovitsa (TOMOV, GRUEV, 1969). Distribution: South-East Europe (East Balkans, Rumania, South Ukraine, Caucasian countries), Asia Minor, North-West Iran, Middle Asia. SWAs/SbIn

**Clytra quadripunctata** (Linnaeus, 1758)

**A.** Kalofer (APFELBECK, 1912, 1916 – *Clytra appendicina*), m. h. „Balkanski rozi“ (TOMOV, GRUEV, 1969). New material: vill. Katina, 4.VI.1972, Vrachanska pl., 22.VI.1938, near c. „Ledenika“, VIII.1981. **B.** Belogradchik, Varshets (TOMOV, GRUEV, 1969 – *Clytra appendicina*). Distribution: from Ireland and North Spain to Kazakhstan, Middle Asia and Mongolia. S/EAP/SibE

**Clytra valeriana tetrastigma** Schmidt, 1841

**A.** West Stara planina (GRUEV, TOMOV, 1986). Distribution: South Ukraine, eastern Balkan Peninsula (westwards to Serbia and Macedonia). BnE

\* **Coptocephala rubicunda** (Laicharting, 1781)

**A.** Lakatnik, 23.VII.1984. Distribution: France, Pyrenees, Mid and East Europe. E/ME

**Coptocephala unifasciata** (Scopoli, 1763)

**A.** vill. Iganovo (TOMOV, GRUEV, 1969). New material: Klisura, VIII.1966, vill. Sveti Vlas, 31.VII.1938. **B.** New material: vill. Topolovets, VIII.1967. Distribution: from Spain and Belgium to Middle East, Kazakhstan and Mongolia. S/EAP/SibE

**Labidostomis cyanicornis** Germar, 1822

**A.** New material: Godech: 29.VII.1965. **B.** Mezdra (TOMOV, GRUEV, 1969). Distribution: southern part of Mid Europe, Rumania, Ukraine, basin of Volga. E/ME

**Labidostomis humeralis** (Schneider, 1792)

**A.** New material: Central Balkan, 11.Vii.1928. **B.** near c. „Magura“ (TOMOV, GRUEV, 1969). New material: Veliko Tarnovo, 30.V.1909. Distribution: from mid France and South Sweden to Asia Minor and basin of Volga. E/ME

**Labidostomis longimana** (Linnaeus, 1761)

**A.** Kalofer (APFELBECK, 1912, 1916), Berkovitsa, b. peak Izdremets, ab. Vratsa, b. peak Murgash, m. h. „Paskal“, cp. Emine (TOMOV, GRUEV, 1969). New material: Sliven, 24.VI.1908, vill. Katina, 4.VI.1972, Godech, 28.VI.1965, Pirdop, 19.VII.1964, Karlovo, 18.VII.1966, vill. Cheparlinsi, 30.VI.1965, Klisura, VIII.1966. **B.** s. Vrashka Chuka, vill. Rakovitsa (Tomov, Gruev, 1969). New material: ab. Lovech, VI.1967. Distribution: from South Italy, North Spain and South Sweden to Central Russia and Mongolia. S/EAP/SibE

**Labidostomis lucida axillaris** (Lacordaire, 1848)

**A.** Central Stara planina ridge (TOMOV, GRUEV, 1969 – *Labidostomis lucida*). New material: vill. Katina, 4.VI.1972. **B.** near c. „Magura“, Belogradchik, Preslavska pl. (TOMOV, GRUEV, 1969 – *Labidostomis lucida*). New material: Mezdra, 21.VI.1965. Distribution: from Trieste and South Germany to the basin of Volga and the Caucasian countries. E/SbM/ESbM

\* **Labidostomis pallidipennis** (Gebler, 1830)

**A.** m. h. „Lyulyaka“ (West Stara pl.), 20.VI.1986, ab. Sliven, 24.VI.1908. Distribution: from North Spain, Italy to the basin of Danube; Asia Minor, Kazakhstan, Siberia, North China. S/EAP/SibE

**Labidostomis propinqua** Faldermann, 1837

**A.** vill. Bov, vill. Krastets (TOMOV, GRUEV, 1969), Sliven (CHORBADDZHIEV, 1928, VIG, 2002). New material: vill. Mirkovo, 24.V.1985, vill. Shipka, 3.V.1987. **B.** near c. „Magura“, Belogradchik (TOMOV, GRUEV, 1969), Veliko Tarnovo (CHORBADDZHIEV, 1928). New material: Eminska pl. (vill. Sveti Vlas), 13.V.1987. Distribution: Bulgaria, South Rumania, Greece, Caucasus, Asia Minor. E/SbM/ESbM

**Labidostomis tridentata** (Linnaeus, 1758)

**A.** vill. Krastets (TOMOV, GRUEV, 1969). Distribution: from France, England and North Sweden to East Kazakhstan, Siberia and Mongolia. S/EAP/SibE

**Lachnaia sexpunctata** (Scopoli, 1763)

**A.** Godech, m. h. „Hubavets“, cp. Emine (TOMOV, GRUEV, 1969). New material: Sliven, 5.VI.1987, Kalofer, VII.1987, vill. Kriva Reka, 1.VI.1985, vill. Cheparlinsi, 30.VI.1965, vill. Lakatnik, 17.VII.1965, Berkovitsa, 20.V.1966, Sopot, 7.IX.1967. **B.** s. Vrashka Chuka, Belogradchik, Preslavska pl. (TOMOV, GRUEV, 1969), Veliko Tarnovo (VIG, 2002). New material: p. „Patleyna“, VI.1966, Cherepishki m., 26.V.1966, vill. Rakovitsa, 23.VI.1965, near c. „Magura“, m. h. „Vedernika“, 25.V.1965. Distribution: North-East France, South Germany, basin of Danube, Rumania, Ukraine, Balkan Peninsula, Asia Minor. E/SbM/HSbM

**Smaragdina affinis** (Illiger, 1794)

**A.** vill. Krastets (TOMOV, GRUEV, 1969 – *Cyaniris affinis*). New material: Kalofer, VII.1987. **B.** Veliko Tarnovo (NETOLITZKY, 1912 – *Gynandrophthalma affinis*). Distribution: England, France, Italy, Mid Europe, Bulgaria, Rumania, South Ukraine, Finland. E/ME

**Smaragdina aurita** (Linnaeus, 1767)

**A.** m. h. „Balkanski rozi“, Kalofer (TOMOV, GRUEV, 1969 – *Cyaniris aurita*), Svoje (NEDELKOV, 1909 – *Gynandrophthalma aurita*), Shipchenska pl. (NETOLITZKY, 1912 – *Gynandrophthalma aurita*). New material: Berkovitsa, 21.V.1966, vill. Lakatnik, 29.IV.1983, Sliven, 5.VI.1987, vill. Shipka, 3.VI.1987. **B.** Cherepish (NEDELKOV, 1909), s. Vrashka Chuka, Dryanovski m. (TOMOV, GRUEV, 1969). New material: vill. Sveti Vlas, 11.V.1987, Mezdra, 1965, Veliko Tarnovo, 8.VI.1965. Distribution: Pyrenees, West France, Italy, Mid Europe, Caucasian countries. E/ME

\* **Smaragdina chloris biornata** (Lefevre, 1872)

**A.** Sveti Nikola-Pass, 26.V.1965. Distribution: from Bulgaria to Iraq (Mesopotamia) and West Iran. SWAs/SbIn

\* **Smaragdina concolor hypocrita** (Lacordaire, 1848)

**A.** Eminska pl., vill. Sveti Vlas, 9.V.1987. **B.** vill. Karlukovo, 27.IV.1966. Distribution: Bulgaria, Rumania, Asia Minor. E/SbM/ESbM

**Smaragdina flavicollis** (Charpentier, 1825)

**A.** New material: Kalofer, VI.1938. **B.** Dryanovski m. (TOMOV, GRUEV, 1969 – *Cyaniris flavicollis*). New material: vill. Karlukovo, 12.IV.1966. Distribution: from France and North Italy to North Turkey and Ukraine; Lithuania, Finland. E/ME

\* **Smaragdina graeca** (Lefevre, 1872)

**A.** vill. Sveti Vlas, 11.V.1987. **B.** Dryanovski m., 17.V.1967, near c. „Magura“, 29.V.1967. Distribution: Bulgaria, Greece, western part of Asia Minor. E/SbM/ESbM

**Smaragdina salicina** (Scopoli, 1763)

**A.** vill. Prevala, vill. Krastets (TOMOV, GRUEV, 1969 – *Cyaniris cyanea*), Shipchenska pl. (NETOLITZKY, 1912 – *Gynandrophthalma cyanea*). New material: Berkovitsa, 21.V.1966, Vratsa, 31.V.1967, vill. Katina, 4.VI.1972, Godech, 20.V.1973, vill. Lakatnik, 29.IV.1983, vill. Kriva Reka, 17.V.1983, Sliven, 5.VI.1987. **B.** New material: Varshets, 25.V.1966. Distribution: from North Spain and Denmark to the basin of Volga and the Caucasus countries. E/ME

\* **Smaragdina tibialis** (Brulle, 1832)

**A.** b. vill. Lakatnik, 25.V.1959, b. Kalofer, VI.1933, vill. Lyulyakovo, 26.IV.1968, Eminska pl., vill. Sveti Vlas, 7.V.1987. Distribution: Balkan Peninsula, Asia Minor, Syria. SWAs/AsM

**Smaragdina xanthaspis** (Germar, 1824)

**A.** Kalofer (APFELBECK, 1912, 1916 – *Gynandrophthalma xanthaspis*), Vitinya-Pass, m. h. „Paskal“, Pirdop (TOMOV, GRUEV, 1969 – *Cyaniris xanthaspis*). New material: Godech, 28.VI.1965, vill. Bov, 26.VI.1965, Varshets, 25.V.1966, cp. Emine, 28.VI.1963, Sliven, 18.VI.1908, Vrachanska p., 26.V.1938, Vratsa, 9.VI.1976. **B.** New material: Mezdra, 21.VI.1965, 23.VIII.1965, Veliko Tarnovo, 30.V.1909. Distribution: North Italy, the northern part of the Balkan Peninsula, the basin of Danube, South Ukraine, Asia Minor. E/SbM/ESbM

\* **Tituboea macropus** (Illiger, 1800)

**A.** Eminska pl., 24.VII.1993. Distribution: South-East Europe from Austria and Albania to the basin of Volga and the Caucasian countries; Asia Minor. E/SbM/ESbM

#### Subfamily CRYPTOCEPHALINAE

**Cryptocephalus apicalis** Gebler, 1830

**A.** Shipchenska pl. (NETOLITZKY, 1912). New material: vill. Shipka, 3.V.1987, Sliven, 5.VI.1987. **B.** s. Vrashka Chuka, vill. Rakovitsa, new c. „Magura“ (TOMOV, GRUEV, 1969). New material: m. h. „Vedernika“, 25.VI.1965. Distribution: from Austria to East Siberia. S/EAP/TrPal

**Cryptocephalus aureolus illyricus** Franz, 1949

**A.** Svoje (YOAKIMOV, 1904 – *Cryptocephalus aureolus*), b. peak Izdremets, vill. Krastets, ab. Sliven (TOMOV, GRUEV, 1969 – *Cryptocephalus aureolus*). New material: vill. Shipka, 3.V.1987, Kalofer, VI.1987. **B.** s. Vrashka Chuka, vill. Rakovitsa, Belogradchik (TOMOV, GRUEV, 1969 – *Cryptocephalus aureolus*). Distribution: Austria, Hungary, Rumania, Balkan Peninsula, Slovenia. E/SbM/ESbM

**Cryptocephalus biguttatus** (Scopoli, 1763)

**A.** Vratsa (NEDELKOV, 1909), Kalofer (APFELBECK, 1912, 1916), vill. Lakatnik (TOMOV, GRUEV, 1969). **B.** Veliko Tarnovo (Nedelkov, 1909). Distribution: mainly in Mid Europe, from West France and Great Britain to North Italy, Rumania and South Finland; East Kazakhstan, South Siberia. S/EAP/SSibE

**Cryptocephalus bipunctatus** (Linnaeus, 1758)

**A.** Shipchenska pl. (NETOLITZKY, 1912), Kalofer (APFELBECK, 1912, 1916). New material: Klisurski m. (Berkovitsa), 21.V.1966, vill. Kriva Reka, 20.VII.1983, Godech, 28.VI.1965, vill. Lakatnik, 29.IV.1983, 17.VII.1965, 23.VII.1974, Berkovitsa, 10.VIII.1964, Vitinya-Pass, 16.VII.1964, vill. Cheparlinski, 30.VI.1965, ab. Lovech, VII.1967, Vratsa, 31.V.1967, vill. Katina, 4.VI.1972. **B.** Veliko Tarnovo (NEDELKOV, 1909; Vig, 2002). New material: s. Vrashka Chuka, 22.VI.1965, p.

„Patleyna“, VI.1966, Belogradchik, 23.V.1966, newr c. „Magura“, 25.V.1963, Dryanovo, 18.V.1963, Dryanovski m., 17.V.1967, vill. Sveti Vlas, 11.V.1987. Distribution: from Portugal and Ireland to Korea; North Africa. S/EAP/HPal

**Cryptocephalus chrysopus** Gmelin, 1788

**A.** Shipchenska pl. (NETOLITZKY, 1912). New material: Karlovo, 18.IV.1968, 4.V.1976, Sliven, 5.VI.1987, vill. Sveti Vlas, 14.V.1987. **B.** vill. Rakovitsa, Dryanovski m. (TOMOV, GRUEV, 1969). New material: Belogradchik, 23.V.1966, Veliko Tarnovo, 30.V.1909. Distribution: Mid, South and South-East Europe, Asia Minor. E/ME

**Cryptocephalus connexus** Olivier, 1807

**A.** vill. Ribaritsa, Klisura (TOMOV, GRUEV, 1969). New material: Kalofer, 25.VII.1985, m. h. „Luda Kamchiya“, 20.VIII.1968. Distribution: Southern and East Europe, Caucasus, Asia Minor, Kazakhstan, Middle Asia, North Africa. SWAs/SbIn

**Cryptocephalus cordiger** (Linnaeus, 1758)

**A.** New material: Eminska pl., vill. Sveti Vlas, 11.V.1987, Sliven, 5.VI.1987. **B.** near c. „Magura“ (TOMOV, GRUEV, 1969). Distribution: from East France and South Sweden to East Siberia. S/EAP/SibE

**Cryptocephalus coryli** (Linnaeus, 1758)

**A.** Tvarditsa (NEDELKOV, 1909 a), Shipchenska pl. (NETOLITZKY, 1912), vill. Krastets (TOMOV, GRUEV, 1969). New material: Kalofer, VI.1975. **B.** s. Vrashka Chuka, near c. „Magura“, vill. Varbanovo (TOMOV, GRUEV, 1969). Distribution: Europe, Kazakhstan, Siberia, Korea. S/EAP/TrPal

\* **Cryptocephalus duplicatus** Suffrian, 1847

**A.** Aytoska pl., 26.VI.1992. Distribution: eastern part of the Balkan Peninsula, Asia Minor. E/SbM/ESbM

\* **Cryptocephalus elegantulus** Gravenhorst, 1807

**A.** Sliven, 24.VI.1908, Vrachanska pl., 22.V.1938. Distribution: from France to Korea. S/EAP/TrPal

**Cryptocephalus flavipes** Fabricius, 1781

**A.** Vratsa, Vitinya-Pass, m. h. „Paskal“, m. h. „Balkanski Rozi“, cp. Emine (TOMOV, GRUEV, 1969). New material: Sliven, 5.V.1987, resort „Sinite Kamani“ and woodpark „Karandila“ ab. Sliven, 1100 m, 8.VII.1972, Kalofer, VI.1987, b. peak Murgash, 1300 m, 14.VII.1964, vill. Katina, 4.VI.1972, vill. Lakatnik, 29.IV.1983, 23.VII.1984, vill. Kriva Reka, 17.V.1983, vill. Cheparlinsi, 30.V.1965, vill. Shipka, 3.VI.1987. **B.** s. Vrashka Chuka, near c. „Magura“, Belogradchik, Dryanovski m. (TOMOV, GRUEV, 1969). New material: vill. Rakovitsa, 23.VI.1965, vill. Varbanovo, 17.V.1967, Mezdra, VI.1987. Distribution: Europe, Caucasus, Asia Minor, Miffle Asia, Siberia. S/EAP/SibE

**Cryptocephalus gridelii** Burlini, 1950

**B.** Belogradchik (TOMOV, GRUEV, 1969 – *Cryptocephalus elongatus*). Distribution: Italy, Balkan Peninsula. Hungary. E/SbM/ESbM

**Cryptocephalus hypochoeridis** (Linnaeus, 1758)

**A.** Sveti Nikola-Pass, Godech, b. peak Murgash, m. h. „Dermentkaya“, Sopot, m. h. „Ambaritsa“, Karlovo, m. h. „Ray“ (TOMOV, GRUEV, 1969). New material: m. h. „Kozya stena“, 15.VI.1995, m. h. „Ekho“, 1550-1650 m, vill. Bov, 26.VI.1965, Godech, 28.VI.1965, Sopot, VII.1964, m. h. „Paskal“, 19.VII.1964, Sliven, 30.VI.1908, Vrachanska pl., 22.VI.1938, Kalofer, VII.1987. **B.** vill. Rakovitsa (TOMOV, GRUEV, 1969). New material: Dryanovo, 27.VIII.1968, p. „Patleyna“, VI.1966. Distribution: Europe, Caucasus, Asia Minor, South Siberia. S/EAP/SSibE

\* **Cryptocephalus imperialis** Laicharting, 1781

**A.** ab. Sliven, 5.V.1987. **B.** vill. Karash, 2.VI. 1988, vill. Reselets, 22.VII.1998. Distribution: North Spain, France, South Germany, basin of Danube, Balkan Peninsula, Rumania, Ukraine, Asia Minor. E/ME

\* **Cryptocephalus janthinus** Germar, 1824

**B.** vill. Reselet, 22.VII.1998. Distribution: Mid, South and South-East Europe, Caucasus, Asia Minor, Iran, Kazakhstan, Siberia. S/EAP/SibE

**Cryptocephalus labiatus** (Linnaeus, 1761)

**A.** m. h. „Vezhen“, m. h. „Kozya stena“ (TOMOV, GRUEV, 1969). New material: Kalofer, VIII.1981. Distribution: Europe, Asia Minor, Siberia. S/EAP/SibE

**Cryptocephalus laetus** Fabricius, 1792

**A.** Kazanlak (GRUEV, TOMOV, 1998). Distribution: basin of Danube, Poland, Ukraine, South Russia, Caucasus. E/ME

**Cryptocephalus moraei** (Linnaeus, 1758)

**A.** Svoqe, Vratsa (NEDELKOV, 1909), m. h. „Ray“ (TOMOV, GRUEV, 1969). New material: b. peak Izdremets, 1100 m, 11.VII.1964, m. h. „Chavdar“, 17.VII.1964, b. peak Murgash, 15.VII.1964, m. h. „Hubavets“, m. h. „Balkanski rozi“, 18.VII.1966, Godech, 29.VI.1965, m. h. „Paskal“, 19.VII.1964, Berkovitsa, 27.VI.1965, Pirdop, 19.VII.1974, Vratsa, 31.V.1967, m. h. „Dermenkaya“, 25.VIII.1966, vill. Ribaritsa, 10.IX.1965, Troyan, 24.V.1968, Kalofer, 16.VII.1968, resort „Sinite Kamani“ above Sliven, 1000 m, 8.VI.1971, vill. Maglen, 23.VI.1967. **B.** Cherepish (NEDELKOV, 1909). New material: s. Vrashka Chuka, 22.VI.1965, near c. „Magura“, 29.V.1967, vill. Rakovitsa, 23.VI.1965, vill. Varbanovo, 17.V.1967, ab. Lovech, VII.1967, Veliko Tarnovo, 25.VII.1984. Distribution: Europe, Caucasus Asia Minor. E/ME

**Cryptocephalus nitidus** (Linnaeus, 1758)

**A.** Godech (TOMOV, GRUEV, 1969). New material: ab. Sliven, 5.V.1987, Kalofer, VI.1987. **B.** New material: vill. Rakita, 21.V.1969. Distribution: Europe from North Spain, Belgium and South Norway to South Finland and the basin of Volga; Southern Siberia. S/EAP/SSibE

**Cryptocephalus ocellatus** Drapiez, 1819

**A.** Godech, vill. Cheparlinsi (TOMOV, GRUEV, 1969). New material: Kazanlak, 18.VII.1967, Troyanski m., 25.V.1968. **B.** vill. Varbanovo (TOMOV, GRUEV, 1969). New material: Varshets, 25.V.1966, Belogradchik, 21.V.1966, Dryanovski m., 17.V.1967. Distribution: Europe, Caucasus, Asia Minor, Iran, Kazakhstan, West Siberia. S/EAP/SibE

**Cryptocephalus octacosmus** Bedel, 1891

**A.** New material: Prevala-Pass, 26.VI.1965, Kazanlak, 18.VII.1967. **B.** s. Vrashka Chuka, Belogradchik (TOMOV, GRUEV, 1969). Distribution: Mid and southern Europe from North Spain and Belgium to Greece; basin of Volga; Asia Minor; West Siberia. S/EAP/SibE

**Cryptocephalus octopunctatus** (Scopoli, 1763)

**A.** Shipchenska pl. (NETOLITZKY, 1912), Kalofer (APFELBECK, 1912, 1916), vill. Krastets (TOMOV, GRUEV, 1969). New material: Kotel, 1.VI.1984, vill. Kriva Reka, 17.VI.1980, vill. Shipka, 3.VI.1987. **B.** Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Europe, Kazakhstan, West Siberia. S/EAP/SibE

\* **Cryptocephalus populi** Suffrian, 1848

**A.** Svoqe, 29.VIII.1965. Distribution: Europe, South Siberia. S/EAP/SSibE

**Cryptocephalus prusias** Suffrian, 1853

**A.** Kaloferska pl. (BOROWIEC, 1979 – *Cryptocephalus tricolor*). New material: resort „Sinite Kamani“ above Sliven, 1000 m, 8.VI.1971. Distribution: eastern part of the Balkan Peninsula, Caucasus, Asia Minor, Syria, Jordan. SWAs/SbIn

\* **Cryptocephalus pusillus** Fabricius, 1776

**A.** b. Kalofer, 17.VII.1976. Distribution: almost the whole Europe. E/ME

**Cryptocephalus pygmaeus vittula** Suffrian, 1848

**A.** Kalofer (APFELBECK, 1912, 1916), vill. Kalotina (TOMOV, GRUEV, 1969). New material: Kazanlak, 18.VII.1967. **B.** New material: Veliko Tarnovo, 25.VII.1984. Distribution: mainly in Mid and East Europe; Caucasian countries, Asia Minor. E/ME

**Cryptocephalus quinquepunctatus** (Scopoli, 1763)

**B.** Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Mid, South and South-East Europe. E/ME

\* **Cryptocephalus schaefferi** Schrank, 1789



**A.** vill. Mirkovo, 24.V.1985. **B.** Eminska pl., vill. Sveti Vlas, 8.V.1987. Distribution: South, South-East and East Europe from North Spain to the basin of Volga; Caucasus, Asia Minor, Kazakhstan, West Siberia. S/EAP/SibE

**Cryptocephalus sericeus** (Linnaeus, 1758)

**A.** Shipchenska pl. (NETOLITZKY, 1912). New material: Vrachanska pl., 26.VI.1938, Godech, 28.VI.1965, Klisurski m., 27.VI.1965, Kotel, VIII.1967, b. peak Murgash, 1300 m, 14.VII.1964, Vitinya-Pass, 16.VII.1964, Sliven, 18.VII.1968, m. h. „Paskal“, 19.VII.1964, vill. Cheparlinski, 30.VI.1965, Karlovo, 18.VII.1966, b. peak Izdremets, 1100 m, 11.VII.1964, m. h. „Ray“, 6.IX.1964, m. h. Zdravchenitsa“, 26.VII.1972. **B.** Veliko Tarnovo (VIG, 2002). New material: Varshets, 25.V.1966, p. „Patleyna“, VI.1966, s. Vrashka Chuka, 22.VI.1965, vill. Rakovitsa, 23.VI.1965, near c. „Magura“, 29.V.1967, Belogradchik, 24.VI.1965, Mezdra, 24.VIII.1965 res. „Lyulyatsite“, 5.VII.1985. Distribution: from North Spain, Belgium and Denmark to North-West China; Kazakhstan, Siberia. S/EAP/SibE

\* **Cryptocephalus sexpunctatus** (Linnaeus, 1758)

**A.** Kalofer, V.1981. Distribution: from England, East France, North Italy and the basin of Danube to the Arctic Circle; Siberia, Japan. S/EAP/TrPal

\* **Cryptocephalus strigosus** Germar, 1823

**A.** Vratsa, V.1987. Distribution: Italy, Balkan Peninsula, basin of Danube. E/SbM/ESbM

**Cryptocephalus trimaculatus** Rossi, 1790

**A.** New material: ab. Sliven, 19.VI.1908, Kalofer, V.1989. **B.** Preslavska pl. (TOMOV, GRUEV, 1969). New material: p. „Patleyna“, VI.1966, vill. Reselets, 22.V.1998. Distribution: southern part of Europe from South France and Italy to Hungary and the Balkan Peninsula; Near East. E/SbM/HSbM

\* **Cryptocephalus villosulus** Suffrian, 1847

**A.** vill. Shipka, 5.VI.1987. Distribution: Germany (Bavaria), Czechia, Slovakia, Bulgaria, Dalmatia, North Italy. E/ME

**Cryptocephalus violaceus** Laicharting, 1781

**A.** peak Baba (TOMOV, GRUEV, 1969). New material: vill. Katina, 4.VI.1972, resort „Sinite Kamani“ above Sliven, 1000 above Sliven, 8.VI.1971, Sveti Nikola-Pass, 26.VI.1965, Klisurski m-r, 27.VI.1965, vill. Bov, 26.VI.1965, Godech, 28.VI.1965, b. peak Izdremets, 11.VII.1964, b. peak Murgash, 14.VII.1964, vill. Shipka, 3.VI.1987, Vratsa, VI.1987, m. h. „Svishtiplaz“, 1600 m, 19.VII.1964, Vitinya-Pass, 16.VII.1964, m. h. „Paskal“, 19.VII.1964, vill. Cheparlinski, 30.VI.1965. **B.** Veliko Tarnovo, (VIG, 2002). New material: Belogradchik, 23.V.1966, s. Vrashka Chuka, 22.VI.1965, near c. „Magura“, 29.V.1967, p. „Patleyna“, VI.1966, Dryanovski m., 17.V.1967, m. h. „Vedernika“, 25.VI.1965. Distribution: western, middle and southeastern parts of Europe from Spain to Ukraine; Asia Minor. E/SbM/HSbM

**Cryptocephalus virens** Suffrian, 1847

**A.** Kaloferska pl. (YOAKIMOV, 1904). **B.** s. Vrashka Chuka, Preslavska pl. (TOMOV, GRUEV, 1969). New material: p. „Patleyna“, VI.1966. Distribution: from the Italian Alps and Bavaria to the Balkan Peninsula, South Russia and Asia Minor. E/SbM/ESbM

**Cryptocephalus vittatus** Fabricius, 1775

**A.** Berkovitsa, vill. Barziya (TOMOV, GRUEV, 1969). New material: Vratsa; b. Petrohan, 11.VIII.1966. **B.** New material: Varshets, 25.V.1966. Distribution: Iberian Peninsula, France, Mid Europe; eastwards to Dnieper. E/ME

\* **Pachybrachis excisus** Weise, 1897

**A.** Sliven, 13.VI.1908. Distribution: Bulgaria, Asia Minor. E/SbM/ESbM

**Pachybrachis fimbriolatus** Suffrian, 1848

**A.** b. peak Murgash (TOMOV, GRUEV, 1969). New material: vill. Katina, 4.VI.1972. **B.** vill. Varbanovo (TOMOV, GRUEV, 1969). New material: s. Vrashka Chuka, 22.VI.1965, Belogradchik, 23.V.1966, near c. „Magura“, 29.V.1967, Veliko Tarnovo, 30.V.1909, 20.V.1995. Distribution: from North Spain to the basin of Danube and Asia Minor. E/SbM/HSbM

**Pachybrachis hieroglyphicus** (Laicharting, 1781)

**A.** Svoje (NEDELKOV, 1909, ab. Pirdop (TOMOV, GRUEV, 1969). Distribution: from the Iberian Peninsula to Siberia. S/EAP/SibE

\* **Pachybrachis limbatus** (Menetries, 1836)

**A.** cp. Emine, 28.VI.1963, resort „Sinite Kamani“ above Sliven, 1000 m, 8.VI.1971 above Sliven, Slivenska pl., 18.VI.1908, vill. Sveti Vlas, 8.V.1987. **B.** near c. „Magura“, 29.V.1967, Veliko Tarnovo, 30.V.1909. Distribution: Balkan Peninsula, Asia Minor, Syria. E/SbM/ESbM

**Pachybrachis sinuatus** Mulsant et Rey, 1859

**A.** b. peak Murgash (TOMOV, GRUEV, 1969), Berkovitsa, Pirdop, Godech (TOMOV, GRUEV, 1969). New material: Kalofer, 16.VI.1968, vill. Bov, 26.VI.1965, Troyanski m., 25.V.1968. **B.** New material: Varshets, 25.V.1965. Distribution: South France, Mid Europe, Balkan Peninsula, Asia Minor. E/ME

**Pachybrachis tessellatus** (Olivier, 1791)

**A.** vill. Cheparlintsi (TOMOV, GRUEV, 1969). New material: Sliven, 29.VI.1908. **B.** near c. „Magura“, Belogradchik (TOMOV, GRUEV, 1969). New material: Veliko Tarnovo, 30.V.1909. Distribution: southern and central parts of Europe; eastwards to the Caspian Sea. E/ME

**Subfamily EUMOLPINAE**

**Bromius obscurus** (Linnaeus, 1758) **s. str.**

**A.** vill. Krastets, b. peak Murgash (TOMOV, GRUEV, 1969), s. Balgarka (GRUEV, 2002). **B.** New material: Belogradchik, 23.V.1966. Distribution: Europe, The Urals, Middle Asia, Siberia, Mongolia, North China, Japan, The Kurils, North America. S/H

**Bromius obscurus villosulus** (Schrank, 1781)

**B.** Belogradchik (KOZAROV, 1910-1911; NEDELKOV, KONDAREV, 1949). Distribution: southern Europe, Palaearctic Asia (incl. Japan). S/EAP/TrPal

**Eumolpus asclepiadeus** (Pallas, 1776)

**A.** ab. Kalofer (APFELBECK, 1012, 1916 – *Chrysochus asclepiadeus*), m. h. „Ray“, m. h. „Tazha“ (TOMOV, GRUEV, 1969), m. h. „Zdravchenitsa“, p. „Skaklya“ (GRUEV, 1992), p. „Vratsata“, ab. Karlovo, park „Mochurite“ (GRUEV, 2002). **B.** Preslavska pl. (TOMOV, GRUEV, 1969). p. „Patleya“, VI.1966. Distribution: Mid and South Europe, West and Middle Asia, Siberia, Mongolia, North China. S/EAP/SibE

**Macrocoma rubripes balcanica** (Apfelbeck, 1912)

**A.** ab. Sliven (APFELBECK, 1912, 1916 – *Eubraxis balcanicus*). Distribution: Bulgaria, Rumanian Dobroudja. End/BnE

**Pachnephorus pilosus** Rossi, 1790

**A.** by river Luda Kamchiya Mt. Kamchiiska (GRUEV, 2000). Distribution: Mid, West, South and East Europe, Middle Asia, Siberia, Mongolia, North China. S/EAP/SibE

\* **Pachnephorus tessellatus** (Duftschmid, 1825)

**A.** by river Luda Kamchiya, 2.V.1958. Distribution: Europe, Caucasus, Asia Minor, Kazakhstan, Middle Asia, Afghanistan, Mongolia, Thibet. S/EAP/SibE

**Pachnephorus villosus** (Duftschmid, 1825)

**A.** by river Asenovska (GRUEV, 2002). New material: vill. Cheparlintsi, 30.VI.1965, vill. Sveti Vlas, 21.V.1981. **B.** near c. „Magura“ (TOMOV, GRUEV, 1969). Distribution: South-East Europe, Italy, South France, Caucasus, Turkey, Iran, Syria. E/SbM/HSbM

**Pales ulema** (Germar, 1813)

**A.** Berkovitsa (GRUEV, 1992 – *Eupales ulema*), p. „Mollova Gora“ (GRUEV, 2002). New material: vill. Kriva Reka, V-VI.1978. **B.** Veliko Tarnovo (NEDELKOV, 1909 – *Eupales ulema*), near c. „Magura“, Belogradchik, Dryanovski m. (TOMOV, GRUEV, 1969 – *Eupales ulema*). Distribution: Southeastern Europe. E/SbM/ESbM

Subfamily CHRYSOMELINAE

**Chrysolina carpathica gabrieli** (Weise, 1903)

A. ab. Kalofer (WARCHALOWSKI, 1974 – *Chrysolina lichenis*). Distribution: South and East Carpathians, Bulgaria (Stara Planina ridge, Sredna Gora Mt.). E/SEE (mt)

**Chrysolina cerealis alternans** (Panzer, 1799)

A. Petrohan-Pass, m. h. „Vezhen“, m. h. „Kozya Stena“, Karlovo (TOMOV, GRUEV, 1969 – *Chrysomela cerealis*), Shipka-Pass, m. h. „Ray“ (GRUEV, 1992), p. „Lylyatsite“, p. „Mochurite“ (GRUEV, 2002). B. Tryavna (NETOLITZKY, 1912 – *Chrysomela cerealis*), Petrohan-Pass (NEDELKOV, 1909 – *Chrysomela cerealis*), Preslavska pl. (TOMOV, GRUEV, 1969 – *Chrysomela cerealis*), p. „Patleyna“ (GRUEV, 1992). Distribution: Europe (basin of Danube; North Balkans). E/SbM/EsbM

**Chrysolina chalcites** (Germar, 1824)

B. Veliko Tarnovo (GRUEV, TOMOV, 1998). Distribution: South-East Europe, Caucasus, Turkey, Cyprus, Rhodos, Syria, Middle Asia, Afghanistan. SWAs/SbIn/IT

**Chrysolina coerulans** (Scriba, 1791)

A. ab. Vratsa, Godech (TOMOV, GRUEV, 1969 – *Chrysomela coerulans*), ab. Kalofer, (APFELBECK, 1912, 1916 – *Chrysomela coerulans*), Troyanska pl. (DRENSKI, 1934 – *Chrysomela violacea*), vill. Shipka (GRUEV, 1992 – *Chrysolina modesta coerulans*), m. h. „Tazha“, m. h. „Parshevitsa“, ab. Vratsa, woodpark „Karandila“ ab. Sliven (GRUEV, 2002). New material: vill. Kriva Reka, V.1978. Distribution: Mid and East Europe, France, Italy, Asia Minor. E/ME

**Chrysolina didymata** (Scriba, 1791)

A. near c. „Ledenika“ (WARCHALOWSKI, 1974 – *Chrysomela didymata*). Distribution: Southern and Mid Europe, northwards to Alsace, Wittemberg, Hungary, Slovakia; Caucasus, Turkey, Turkmenistan, Iran. SWAs/SbIn/IT

**Chrysolina fastuosa** (Scopoli, 1763)

A. ab. Kalofer (APFELBECK, 1912, 1916 – *Chrysomela fastuosa*), ab. Vratsa, Berkovitsa, vill. Krastets, m. h. „Chavdar“, b. peak Izdremets, m. h. „Tazha“, m. h. „Levski“, m. h. „Hubavets“, Sveti Nikola-Pass, b. peak Baba, ab. Kalofer, vill. Shipka (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). New material: Vrachanska pl., 31.V.1967, m. h. „Levski“, 27.V.1966, 18.VII.1966, VIII.1966, Berkovitsa, 27.VI.1965, 10.VIII.1964. B. Veliko Tarnovo (NEDELKOV, 1909 – *Chrysomela fastuosa*), Etropole pl. (APFELBECK, 1912, 1916 – *Chrysomela fastuosa*), Veliko Tarnovo, Dryanovski m. (GRUEV, 1992). New material: p. „Patleyna“, 2.VIII.1968. Distribution: Europe, Caucasus, Asia Minor, Afghanistan, North and East Kazakhstan, West and Middle Siberia. S/EAP/SibE

**Chrysolina geminata** (Paykull, 1799)

A. Troyanska pl. (APFELBECK, 1912, 1916 – *Chrysomela geminata*), m. h. „Levski“, Vitinya-Pass (GRUEV, 1968 – *Chrysomela cuprina*), b. peak Botev (GRUEV, 1992), park „Mochurite“ (GRUEV, 2002). B. Veliko Tarnovo (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor. E/ME

**Chrysolina globosa reprehensa** Bechyné, 1950

A. vill. Krastets (BECHYNÉ, 1950). Distribution: Bulgaria. End/BgE

\* **Chrysolina graminis** (Linnaeus, 1758)

B. vill. Reselets, 23.VII.1998. Distribution: Europe, Palaeartic Asia (excl. Japan). S/EAP/SibE

**Chrysolina gypsophilae** (Kuester, 1845)

A. Eminska pl. (APFELBECK, 1912, 1916 – *Chrysomela gypsophilae*; FRANZ, 1938 – *Chrysomela gypsophilae*), p. „Mollova Gora“ (GRUEV, 2002). B. Dryanovski m. (TOMOV, GRUEV, 1969 – *Chrysomela gypsophilae*), Veliko Tarnovo (GRUEV, 1992). Distribution: Europe, Caucasus, Asia Minor. E/ME

**Chrysolina haemoptera** (Linnaeus, 1758)

A. Shipchenska pl. (NETOLITZKY, 1912 – *Chrysomela haemoptera*). ab. Karlovo, vill. Vassil Levski, vill. Ribaritsa, Klisura, Zlatitsa, Berkovitsa, ab. Gabrovo, m. h. „Ray“, Kalofer, m. h. „Tazha“, ab. Sopot (GRUEV, 1992), p. „Lyulyatsite“, p. „Mochurite“ (GRUEV, 2002). B. Tryavna (NETOLITZKY, 1912

– *Chrysomela haemoptera*), vill. Dolno Belotintsi, vill. Topolovets, vill. Chiprovtsi, vill. Tsarevets, ab. Lovech, vill. Lesidren (GRUEV, 1992), Veliko Tarnovo (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Iran. E/ME

**Chrysolina hemisphaerica purpurascens** (Germar, 1882)

**A.** Stara planina (APFELBECK, 1912, 1916 – *Chrysomela purpurascens*), Stara planina (Mt. Mator =“Kodscha Balkan“) (WEISE, 1893 – *Chrysomela purpurascens*; TOMOV, GRUEV, 1969 – *Chrysomela purpurascens*), Stara pl. (GRUEV, 2002). Distribution: mountains of Mid Europe and the northern parts of the Balkan Peninsula. E/ME (mt)

**Chrysolina herbacea** (Duftschmid, 1825)

**A.** Kalofer, ab. Sliven (APFELBECK, 1912, 1916 – *Chrysomela menthastri* ab. *rugicollis*), m. h. „Hubavets (TOMOV, GRUEV, 1969 – *Chrysomela herbacea*), b. peak Izdremets, b. peak Murgash, m. h. „Levski“, res. „Steneto“, Sopot, vill. Ribaritsa, Karlovo (DIRIMANOV, SHIKRENOV, 1961 – *Chrysomela menthastri*), m. h. „Hubavets“, m. h. „Ray“, vill. Tazha, Godech, ab. Vratsa, vill. Krastets, ab. vill. Sveti Vlas (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Gabrovo, Veliko Tarnovo, vill. Tepava, Belogradchik, vill. Chiprovtsi, vill. Varbanovo, Dryanovski m., m. h. „Vedernika“, Mezdra (GRUEV, 1992), Veliko Tarnovo, Dryanovo (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Iran, Afghanistan, Altai, Pamir. S/EAP/SSibE

**Chrysolina hyperici** (Forster, 1771)

**A.** p. „Mollova Gora“ (GRUEV, 2002). New material: Karlovo, 20.V.1991, Kalofer, 20.V.1991. Distribution: Europe, Asia Minor, Middle Asia, North Africa. E/ME

**Chrysolina limbata** (Fabricius, 1775)

**A.** Troyanska pl. (DRENSKI, 1934 – *Chrysomela limbata*), m. h. „Levski“, Berkovitsa (TOMOV, GRUEV, 1969 – *Chrysomela limbata*), Karlovo (GRUEV, 1992),. p. „Mollova Gora“ (GRUEV, 2002). **B.** Dryanovo (TOMOV, GRUEV, 1969 – *Chrysomela limbata*), Veliko Tarnovo (GRUEV, 2002). Distribution: Europe, Caucasus, Kazakhstan, West Siberia, Mongolia. S/EAP/SibE

**Chrysolina marginata** (Linnaeus, 1758)

**A.** Kalofer (TOMOV, GRUEV, 1969 – *Chrysomela marginata*; WARCHALOWSKI, 1974 – *Chrysomela marginata*), Sveti Nikola-Pass (TOMOV, GRUEV, 1969 – *Chrysomela marginata*), Shipka-Pass (GRUEV, 2002). **B.** vill. Rakovitsa, s. Vrashka Chuka (TOMOV, GRUEV, 1969 – *Chrysomela marginata*), Veliko Tarnovo (GRUEV, 1992). Distribution: Europe, Asia Minor, Iran, Afghanistan, Kazakhstan, Middle Asia, whole Siberia, Mongolia, West China, North Africa. S/EAP/TrPal

**Chrysolina olivieri** (Bedel, 1892)

**A.** Etropole pl. (APFELBECK, 1912, 1916 – *Chrysomela coerulea*), b. peak Izdremets, b. peak Murgash, Vitinya-Pass, p. „Shablanitsa“ (GRUEV, 1968 – *Chrysomela coerulea*), ab. Karlovo, m. h. „Hubavets“, ab. Kalofer, ab. Vratsa, vill. Ribaritsa (GRUEV, 1992 – *Chrysolina coerulea*). **B.** Belogradchik (TOMOV, GRUEV, 1969 – *Chrysomela coerulea*), Veliko Tarnovo (GRUEV, 2002). Distribution: The Alps, Carpathians, Balkan Peninsula (excl. Greece). E/ME (mt)

**Chrysolina oricalcia** (Mueller, 1776)

**B.** Veliko Tarnovo (DAHLGREN, 1984 – *Chrysomela oricalcia*), Dryanovski m. (TOMOV, GRUEV, 1969 – *Chrysomela oricalcia*). Distribution: Europe, Asia Minor, whole Siberia, Mongolia. S/EAP/TrPal

**Chrysolina polita** (Linnaeus, 1758)

**A.** Troyanska p. (DRENSKI, 1934 – *Chrysomela polita*), ab. Vratsa (TOMOV, GRUEV, 1969 – *Chrysomela polita*), Kalofer, ab. Sliven, Troyan (GRUEV, 1992), park „Mochurite“ (GRUEV, 2002). **B.** Belogradchik (DRENSKI, 1934 – *Chrysomela polita*), vill. Topolovets (GRUEV, 1992), Veliko Tarnovo (GRUEV, 2002). New material: vill. Reselets, 25.VII.1998. Distribution: Europe, Siberia, Sakhalien, Mongolia, China. S/EAP/TrPal

**Chrysolina reitteri** (Weise, 1884)

**A.** m. h. „Tazha“, p. „Panitsite“ (GRUEV, 1992 – *Chrysolina lurida*), park „Mochurite“, nr. River Asenovska (GRUEV, 2002). New material: vill. Tazha, 11.IX.1977. **B.** vill. Reselets (GRUEV, 2002) Distribution: Mid, South, East Europe, Caucasus, Asia Minor, North Kazakhstan, Middle Asia, South Siberia. S/EAP/SSibE

**Chrysolina rossia** (Illiger, 1802)

**A.** ab. Lovech (GRUEV, 1992). **B.** Cherepishki m. (TOMOV, GRUEV, 1969 – *Chrysolina rossia*), ab. Mihaylovgrad (GRUEV, 1992). Distribution: Italy, South-East and East Europe, northwards to Slovenia and Austria. E/SbM/EsBm

**Chrysolina rufa crassicollis** (Suffrian, 1851)

**A.** m. h. „Levski“ (GRUEV, 1968 [part.] – *Chrysolina rufa*; GRUEV, 1990 – *Chrysolina crassicollis*), vill. Krastets (TOMOV, GRUEV, 1969 – *Chrysolina rufa*; GRUEV, TOMOV, 1986 – *Chrysolina crassicollis*). **B.** Etropalska pl. (APFELBECK, 1912, 1916 – *Chrysolina rufa*). Distribution: Suth Alps, Slovenia, Suth Carpathians, Stara planina ridge, Mt. Vitosha. E/ME (mt)

**Chrysolina salviae** (Germar, 1824)

**A.** Eminska pl., ab. Kalofer (APFELBECK, 1912, 1916 – *Chrysolina salviae*), vill. Lakatnik (GRUEV, 1968 – *Crosita salviae*), by river Asenovska (Slivenska pl.) (GRUEV, 2002). **B.** vill. Reselets (GRUEV, 2002). Distribution: South Europe, northwards to Hungary; Asiatic Turkey. E/SbM/HSbM

**Chrysolina staphylaea** (Linnaeus, 1758)

**A.** m. h. „Balkanski rozi“ (TOMOV, GRUEV, 1969 – *Chrysolina staphylea*), b. peak Botev, 1200 m (GRUEV, 1992). Distribution: from Ireland and Iceland to Kamchatka. S/EAP/TrPal

**Chrysolina sturmi** (Westhoff, 1882)

**A.** Troyanska pl. (DRENSKI, 1934 – *Chrysolina violacea*), ab. Gabrovo, Shipka-Pass (GRUEV, 1992 – *Chrysolina violacea*). **B.** Belogradchik (TOMOV, GRUEV, 1969 – *Chrysolina diversipes*), vill. Topolovets, ab. Lovech (GRUEV, 1992 – *Chrysolina violacea*). New material: p. „Lyulyatsite“, 25.VIII.1968. Distribution: Europe from England and France to Russia and Ukraine; East Kazakhstan, Altai. S/EAP/SSibE

**Chrysolina varians** (Schaller, 1783)

**A.** Stara planina (APFELBECK, 1912, 1916: p. „Kara Balkan“ – *Chrysolina varians*), Vitinya-Pass, m. h. „Chavdar“, vill. Krastets (TOMOV, GRUEV, 1969 – *Chrysolina varians*), Kalofer, vill. Shipka (GRUEV, 1992). **B.** Dryanovski m. (TOMOV, GRUEV, 1969 – *Chrysolina varians*). Distribution: Europe, Asia Minor, West Siberia. S/EAP/SibE

**Chrysolina vernalis ottomana** (Weise, 1906)

**A.** Eminska pl. (APFELBECK, 1912, 1916 – *Chrysolina turca*), m. h. „Ray“, m. h. Balkanski rozi“, ab. Gabrovo (TOMOV, GRUEV, 1969 – *Chrysolina vernalis*), Troyan (GRUEV, 1992). New material: vill. Sveti Vlas, 12.V.1987. Distribution: Turkey (European and Asiatic), Balkan Peninsula (Bulgaria, North Greece, Macedonia, Dalmatia, Bosnia-Herzegovina, Montenegro, Albania). SWAs/SbIn/AsM

**Chrysmela collaris** Linnaeus, 1758

**A.** ab. Vratsa (NEDELKOV, 1909 – *Melasoma collaris*). Distribution: Europe, Caucasus, Asia Minor, Kazakhstan, whole Siberia, Mongolia, North-East China. S/EAP/TrPal

**Chrysmela cuprea** Fabricius, 1775

**A.** West Stara pl. (GRUEV, TOMOV, 1986). Distribution: Europe, Palaeartic Asia (incl. The Russian Far East); Pakistan. S/EAP/TrPal

**Chrysmela populi** Linnaeus, 1758

**A.** ab. Vratsa (NEDELKOV, 1909 – *Melasoma populi*), vill. Krastets (TOMOV, GRUEV, 1969 – *Melasoma populi*), Krastets, park „Mochurite“ (GRUEV, 2002). New material: ab. Sliven, VIII.1966, Sopot, VII.1964, vill. Sveti Vlas, 13.VIII.1970. **B.** Dryanovski m. (TOMOV, GRUEV, 1969 – *Melasoma populi*), vill. Reselets (GRUEV, 2002). Distribution: Palaeartictis S/EAP/HPal

**Chrysmela saliceti** (Weise, 1884)

**A.** vill. Krastets (TOMOV, GRUEV, 1969 – *Melasoma saliceti*), ab. Sliven, Troyanski m., Klisurski m. (GRUEV, 1992), by river Asenovska (Slivenska pl.) (GRUEV, 2002). **B.** Dryanovski m. (TOMOV, GRUEV, 1969 – *Melasoma saliceti*). Distribution: Europe, Kazakhstan, Iran, Middle Asia, Siberia, Mongolia. S/EAP/TrPal

**Chrysmela tremula** Fabricius, 1787

**A.** Vratsa (NEDELKOV, 1909 – *Melasoma tremulae*), Berkovitsa (DIMITROV, 1935 – *Melasoma tremulae*). Distribution: from Ireland to Kamchatka and Sakhalien. S/EAP/TrPal

**Chrysomela vigintipunctata** (Scopoli, 1763)

**A.** ab. Vratsa (TOMOV, GRUEV, 1969 – *Melasoma vigintipunctata*), Kalofer (WARCHALOWSKI, 1974 – *Melasoma vigintipunctata*), park „Motchurite“ (GRUEV, 2002). Distribution: Europe, Palaearctic Asia (incl. Japan). S/EAP/TrPal

**Colaphus sophiae** (Schaller, 1783)

**A.** vill. Vassil Levski, vill. Shipka (GRUEV, 1992 – *Colaphellus sophiae*), p. „Mollova Gora“ (GRUEV, 2002). **B.** Veliko Tarnovo (NEDELKOV, 1909; NETOLITZKY, 1912), Belogradchik (TOMOV, GRUEV, 1969 – *Colaphellus sophiae*). Distribution: Europe, Asia Minor. E/ME

**Entomoscelis adonidis** (Pallas, 1771)

**B.** Veliko Tarnovo (NETOLITZKY, 1912), ab. Cherven Bryag (GRUEV, 1992). Distribution: Mid, South, East Europe, Caucasus, Asia Minor, Iran, Syria, Kazakhstan, Siberia, Mongolia, Pakistan, China (Sinkiang). S/EAP/SibE

\* **Entomoscelis suturalis** Wesie, 1882

**A.** ab. Karlovo, VI.1965. Distribution: South-East Europe, Georgia, Transcaucasus, Asia Minor, Iran, Iraq, China. SWAs/SbIn/IT

**Gastrophysa polygona** (Linnaeus, 1758)

**A.** Shipchenska pl. (NETOLITZKY, 1912 – *Gastroidea polygona*), Kalofer, vill. Krastets, b. peak Izdremets (TOMOV, GRUEV, 1969 – *Gastroidea polygona*), Godech, ab. Vratsa, woodpark „Karandila“ ab. Sliven, Troyan-Pass (GRUEV, 1992), p. „Mollova Gora“ and woodpark „Ravna Reka“ ab. Sliven (GRUEV, 2002). New material: vil. Rakovitsa, 23.VI.1965, peak Botev, 2200 m . **B.** Tryavna (NETOLITZKY, 1912 – *Gastroidea polygona*), near c. „Magura“, vill. Varbanovo (TOMOV, GRUEV, 1969 – *Gastroidea polygona*), Veliko Tarnovo (GRUEV, 1992). New material: vill. Reselets, 23.VII.1998. Distribution: Europe, Caucasus, Asia Minor, Kazakhstan, Middle Asia, Siberia, Mongolia, China, Korea, North Africa. S/EAP/HPal

**Gastrophysa viridula** (De Geer, 1775)

**A.** ab. Kalofer (APFELBECK, 1912, 1916 – *Gastroidea viridula*; Gruev, Tomov, 1986), m. h. „Tazha“, Troyanska pl. (GRUEV, 1992), above Karlovo (GRUEV, 2002). **B.** New material: vill. Reselets, 25.VII.1991. Distribution: Europe, Caucasus, Asia Minor, Kazakhstan, Mongolia, whole Siberia. S/EAP/TrPal

**Gonioctena fornicata** (Brueggemann, 1873)

**A.** Godech, ab. Vratsa, vill. Cheparlintsi, Eminska pl. (GRUEV, 1992), p. „Mollova Gora“ (GRUEV, 2002). **B.** Tryavna (BURESH, LAZAROV, 1956 – *Phytodecta fornicata*). Distribution: South and South-East Europe. S/SbM/HSbM

**Gonioctena linnaeana** (Schrank, 1781)

**A.** ab. Sliven (resort „Sinite Kamani“: place „Kutelka“) (GRUEV, 2002), VI.1981, park „Motchurite“, VI.1981. **B.** Dryanovski m. (GRUEV, TOMOV, 1986). Distribution: Europe, Asia Minor, Kazakhstan, Siberia, Mongolia, Sakhalien. S/EAP/TrPal

**Gonioctena olivacea** (Forster, 1834)

**A.** Kaloferska pl. (WARCHALOWSKI, 1974 – *Phytodecta olivaceus*). Distribution: Europe (BritishIslands, Iberian Peninsula, France, North Italy, Germany, Hungary, Poland), Morocco. E/ME

**Gonioctena pallida reticulata** (Bechyné, 1947)

**A.** Svoje (NEDELKOV, 1909 – *Phytodecta pallidus*), Kotel (GRUEV, 2002). **B.** Veliko Tarnovo (NEDELKOV, 1909 – *Phytodecta pallidus*). Distribution: mountains of Bosnia, Herzegovina, Montenegro, Bulgaria. End/BnE

**Gonioctena quinquepunctata** (Fabricius, 1787)

**A.** vill. Shipka (GRUEV, 1990). Distribution: nearly whole Europe. E/ME

**Gonioctena viminalis** (Linnaeus, 1758)

**A.** vill. Krastets (TOMOV, GRUEV, 1969 – *Phytodecta viminalis*; Gruev, Tomov, 1986). Distribution: Europe, Palaearctic Asia (excl. Japan). S/EAP/TrPal

**Hydrothassa glabra** (Herbst, 1783)

**B.** Varshets (TOMOV, GRUEV, 1969; GRUEV, 2002). Distribution: Europe, West Siberia, Morocco. S/EAP/SibE

**Leptonotarsa decemlineata** (Say, 1824)

**A., B.** Introduced from America. On *Solanaceae*. Pest.

**Oreina alpestris balcanica** (Weise, 1883)

**A.** Stara planina (WEISE, 1881-1893 [1884]: Mt. Mator = „Kodscha Balkan“ – *Orina variabilis*; WINKLER, 1930 – *Chrysochloa variabilis balcanica*), Klisura, b. peak Izdremets, Sveti Nikola-Pass, near c. „Ledenika“ (GRUEV, 1990 – *Oreina variabilis balcanica*), Central Balkan (GRUEV, 1992 – *Oreina alpestris s. l.*). Distribution: Bulgaria, Serbia. End/BnE

**Oreina cacaliae dinarica** (Apfelbeck, 1912)

**A.** Petrohan-Pass (NEDELKOV, 1909 – *Chrysochloa cacaliae*), Styara planina ridge (GRUEV, TOMOV, 1998). Distribution: mountains of Bosnia-Herzegovina, Croatia, Serbia, Macedonia, Bulgaria. End/BnE

**Oreina intricata anderschi** (Duftschmid, 1825)

**A.** ab. Klisura (WEISE, 1900 – *Chrysochloa intricata*). **B.** ab. Vill. Chiprovtsi (GRUEV, TOMOV, 1986 – *Chrysochloa intricata*; GRUEV, 1990). Distribution: The Alps, mountains of the Balkan Peninsula. E/ME (mt)

**Oreina luctuosa** (Olivier, 1807)

**A.** ab. Klisura (WEISE, 1900 – *Chrysochloa rugulosa*), above Svoge, above Sliven: resort „Sinite Kamani“, place „Kutelka“ (HEDELKOV, 1909 – *Oreina tristis*), peak Vezhen (GRUEV, 1992 – *Oreina tristis*), Stara pl. (GRUEV, TOMOV, 1998 – *Oreina caerulea*). Distribution: from Finland to Bulgaria. NH/B/Bm

**Oreina plagiata schipkana** (Jakob, 1953)

**A.** Shipchenska pl. (JAKOB, 1952: „Rosalito polje“ – *Chrysochloa melanocephala balcanica*; 1953 – *Chrysochloa melanocephala schipkana*; BECHYNÉ, 1958 – *Oreina melanocephala schipkana*; MOHR, 1966 – *Chrysochloa retenta schipkana*; KIPPENBERG, 1983 – *Oreina plagiata balcanica*; KÜHNELT, 1984 – *Chrysochloa plagiata balcanica*; KIPPENBERG, 1994 – *Oreina plagiata schipkana*; GRUEV, TOMOV, 1986 – *Chrysochloa melanocephala schipkana*; GRUEV, 1990 – *Oreina plagiata balcanica*; BOURDONNÉ, DOGUET, 1991 – *Chrysolina plagiata schipkana*), m. h. „Ekho“ (GRUEV, TOMOV, 1998). Distribution: Bulgaria (Stara Planina ridge). End/BgE

**Oreina speciosa bosnica** (Apfelbeck, 1912)

**A.** Klisura (WEISE, 1900 – *Chrysochloa vittigera*), Stara pl. (NEDELKOV, 1909 a – *Chrysomela gloriosa*; GRUEV, TOMOV, 1986 – *Oreina gloriosa arrogans*; Gruev, 1990 – *Oreina gloriosa arrogans*; GRUEV, TOMOV, 1998 – *Oreina gloriosa bosnica*). Distribution: mountains of Bosnia-Herzegovina, Serbia and Bulgaria. End/BnE

**Oreina speciosissima drenskii** (Gruev, 1974)

**A.** Stara pl. (APFELBECK, 1912, 1916 – *Chrysochloa speciosissima*), Stara planina ridge (GRUEV, TOMOV, 1998). Distribution: mountains of Bulgaria and Serbia. End/BnE

**Oreina virgulata ljubetensis** (Apfelbeck, 1912)

**A.** b. peak Izdremets, Sveti Nikola-Pass (TOMOV, GRUEV, 1969 – *Chrysochloa alpestris*), m. h. „Tazha“ (GRUEV, 1990 – *Oreina virgulata*), Stara Planina ridge (GRUEV, TOMOV, 1998). **B.** Preslavska pl. (TOMOV, GRUEV, 1969 – *Chrysochloa alpestris*). Distribution: mountains of Bosnia-Herzegovina, Macedonia, Serbia, Bulgaria, ? Albania. End/BnE

**Phaedon armoraciae** (Linnaeus, 1758)

**A.** vill. Krastets (GRUEV, 1968), vill. Tazha, vill. Shipka (GRUEV, 1992), ab. Vratsa, park „Mochurite“ (GRUEV, 2002). **B.** Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Europe, Caucasus, Asiatic Turkey, Kazakhstan, Middle Asia, Siberia. S/ EAP/TrPal

**Phaedon cochleariae** (Fabricius, 1792)

**A.** b. peak Murgash (YOAKIMOV, 1904) park „Motchurite“ (GRUEV, 2002). Distribution: Europe, Palaeartic Asia (incl. the tundra). S/EAP/TrPal

- Phaedon laevigatus** (Duftschmid, 1825)  
**B.** Mezdra (GRUEV, TOMOV, 1986). Distribution: Mid, South and East Europe. E/ME
- Phratora laticollis** (Suffrian, 1851)  
**A.** vill. Krastets, ab. Vratsa (TOMOV, GRUEV, 1969 – *Phyllodecta laticollis*), park „Motchurite“ (GRUEV, 2002). Distribution: Europe, Palaeartic Asia. S/EAP/TrPal
- Phratora tibialis** (Suffrian, 1851)  
**A.** Kalofer (WARCHALOWSKI, 1974 – *Phyllodecta tibialis*). Distribution: Europe, Asia Minor. E/ME
- Phratora vitellinae** (Linnaeus, 1758)  
**A.** Godech, Pirdop, vill. Krastets, Berkovitsa, Vratsa, Sveti Nikola-Pass (TOMOV, GRUEV, 1969 – *Phyllodecta vitellinae*), Kalofer (GRUEV, 1992), park „Motchurite“ (GRUEV, 2002). **B.** near c. „Magura“, vill. Kmetovtsi, Dryanovski m. (GRUEV, 1992). Distribution: Europe, Palaeartic Asia (excl. Japan). S/EAP/TrPal
- Phratora vulgatissima** (Linnaeus, 1758)  
**A.** Stara planina (NEDELKOV, 1909 a – *Phyllodecta vulgatissima*). Distribution: from Europe to Kamchatka and Ussiri area. S/EAP/TrPal
- Plagiodera versicolora** (Laicharting, 1781)  
**A.** Berkovitsa (TOMOV, GRUEV, 1969), Shipchenska pl. (NETOLITZKY, 1912), park „Mochurite“ (GRUEV, 2002). **B.** Dryanovski m. (TOMOV, GRUEV, 1969), Troyanski m. (GRUEV, 1992). New material: vill. Reselets, 22.VII.1998. Distribution: Palaeartcis; India; Taiwan. S/EAP/HPal
- Plagiosterna aenea** (Linnaeus, 1758)  
**A.** Kaloferska pl. (WARCHALOWSKI, 1974 – *Melasoma aenea*), vill. Shipka (GRUEV, 1992 – *Linaeidea aenea*). **B.:** Varshets (GRUEV, 2002 – *Linaeidea aenea*). Distribution: Europe, Palaeartic Asia (incl. Japan). S/EAP/TrPal
- Prasocuris junci** (Brahm, 1790)  
**A.** ab. Vratsa (TOMOV, GRUEV, 1969), park „Motchurite“ (GRUEV, 2002). **B.** Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Europe, Caucasus, Azerbaijan, Asiatic Turkey, North Africa. E/ME
- Timarcha goettingensis aerea** Herrich-Scheffer, 1838  
**A.** Eminska pl. (APFELBECK, 1912, 1916 – *Timarcha coriaria*), Troyanska pl. (DRENSKI, 1934 – *Timarcha violaceonigra*), Vrachanska pl., vill. Tazha (GRUEV, 1992), above vill. Tazha (GRUEV, 2002 – *Timarcha goettingensis*). **B.** Veliko Tarnovo (GRUEV, 2002 – *Timarcha goettingensis*). Distribution: Dalmatia, Serbia, Croatia, Bulgaria. End/BnE
- Timarcha metallica** (Laicharting, 1781)  
**A.** m. h. „Tazha“; b. peak Botev (GRUEV, 1990). **B.** Varshets (GRUEV, 2002). Distribution: mountains of Mid and South Europe. E/ME (mt)
- Timarcha pratensis** (Duftschmid, 1825)  
**B.** Yablanitsa (WARCHALOWSKI, 1974). Distribution: South-East Europe (East Alps, South Carpathians, northern parts of the Balkan Peninsula). E/SEE (mt)
- Timarcha tenebricosa** (Fabricius, 1775)  
**A.** Kalofer (APFELBECK, 1912, 1916; WARCHALOWSKI, 1974), vill. Krastets (BECHYNÉ, 1945 – *Timarcha tenebricosa* ab. *bulgarica*; TOMOV, GRUEV, 1969), m. h. „Levski“, m. h. „Ray“ (TOMOV, GRUEV, 1969), ab. Sliven, peak Botev (GRUEV, 1992), vill. Shipka (GRUEV, 1992; VIG, 2002), Slivenska pl. (GRUEV, 2002). **B.** Tryavna (NETOLITZKY, 1912; GRUEV, TOMOV, 1969), vill. Rakovitsa, Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Mid, South and South-East Europe, Caucasus, Asiatic Turkey. E/ME

#### Subfamily GALERUCINAE

- Agelastica alni** (Linnaeus, 1758)  
**A.** Svoje (NEDELKOV, 1909), vill. Shipka (NETOLITZKY, 1912). New material: Kotel, VIII.1967, Kalofer, 16.VI.1968. **B.** Belogradchik, Dryanovski m. (TOMOV, GRUEV, 1969). Distribution: Europe, Caucasus, Asia Minor. E/ME
- Calomicrus circumfusus** (Marsham, 1802)



**A.** Sliven (APFELBECK, 1912, 1916 – *Luperus [Calomicrus] circumfusus*), b. peak Murgash, Vitinya-Pass, m. h. „Paskal“ (TOMOV, GRUEV, 1969 – *Luperus circumfusus*). New material: resort „Sinite Kamani“ above Sliven, 1000 m, 8.VI.1971, vill. Katina, 4.VI.1972. **B.** Belogradchik (TOMOV, GRUEV, 1969 – *Luperus circumfusus*). Distribution: Europe. E/ME

**Euluperus major** Weise, 1886

**A.** Stara pl. (APFELBECK, 1912, 1916). Distribution: Rumania, Bulgaria, Turkey. E/SbM/ESbM

**Euluperus xanthopus** (Duftschmid, 1825)

**A.** Kalofer (WARCHALOWSKI, 1974). New material: vill. Shipka, 3.VI.1987. Distribution: Austria, basin of Danube, Rumania, Bulgaria, Ukraine. E/SbM/ESbM

**Galeruca interrupta circumdata** Duftschmid, 1925

**A.** ab. Novi Iskar (TOMOV, GRUEV, 1969). New material: resort „Sinite Kamani“, 1000 m above Sliven, 8.VI.1971, Sliven, 5.VI.1987. Distribution: basin of Danube, Balkan Peninsula, Ukraine. E/SbM/ESbM

**Galeruca pomonae** (Scopoli, 1763)

**A.** Klisura (APFELBECK, 1912, 1916), vill. Cheparlinski, m. h. „Kozya Stena“, m. h. „Vezhen“ (TOMOV, GRUEV, 1969). New material: Kalofer, VI.1985, Vratsa, VI.1985. **B.** New material: Veliko Tarnovo, 4.VI.1995. Distribution: Europe, Caucasus, Kazakhstan, North Iran, West Siberia. S/EAP/SibE

**Galeruca rufa** Germar, 1824

**A.** Svoze (YOAKIMOV, 1904 – *Adimonia rufa*), Karlovo (TOMOV, GRUEV, 1969). New material: vill. Shipka, 3.V.1987, Eminska pl. (vill. Sveti Vlas), 13.V.1987. **B.** s. Vrashka Chuka (GRUEV, TOMOV, 1969). Distribution: Spain (Balears: Mallorca), South France, Italy, basin of Danube, Balkan Peninsula, from Ukraine to the basin of Volga. E/SbM/HSbM

**Galeruca tanaceti** (Linnaeus, 1758)

**A.** Godech, b. peak Murgash, b. peak Vezhen, m. h. „Kozya Stena“, m. h. „Ray“ (TOMOV, GRUEV, 1969). New material: vill. Shipka, 14.VII.1963, Vrachanska pl., 22.VI.1938, 16.XI.1983, Sliven, 5.VI.1987. **B.** Tryavna, Veliko Tarnovo (NETOLITZKY, 1912), s. Vrashka Chuka, Belogradchik (TOMOV, GRUEV, 1969). Distribution: from Ireland and Portugal to Korea. S/EAP/TrPal

**Galerucella calmariensis** (Linnaeus, 1767)

**A.** Vratsa, m. h. „Paskal“, vill. Krastets (TOMOV, GRUEV, 1969). **B.** vill. Rakovitsa, near c. „Magura“ (TOMOV, GRUEV, 1969). Distribution: Europe, Caucasus, Asia Minor, Siberia, Mongolia, North China, Japan. S/EAP/TrPal

**Galerucella pusilla** (Duftschmid, 1825)

**A.** ab. Novi Iskar, ab. Vratsa, b. peak Murgash, m. h. „Paskal“, vill. Krastets (TOMOV, GRUEV, 1969). Distribution: from Catalonia and the British Isls. To Siberia and Mongolia. S/EAP/SibE

\* **Lochmaea capreae** (Linnaeus, 1758)

**A.** Tryanski m., 25.V.1968. Distribution: from the whole Europe to Japan. S/EAP/TrPal

**Luperus cyanipennis** Kuester, 1848

**A.** Kaloferska pl. (BOROWIEC, 1979 – *Luperus lyperus*). Distribution: France, Italy, Dalmatia, southern part of Mid Europe, basin of Danube, Bulgaria, South Ukraine. E/SbM/HSbM

\* **Luperus flavipes** (Linnaeus, 1767)

**A.** vill. Krastets, 18.V.1967. Distribution: Europe, Caucasus, North-East Kazakhstan, Siberia, Mongolia. S/EAP/SibE

\* **Luperus graecus** Weise, 1886

**A.** Eminska pl. (vill. Sveti Vlas), 10.V.1987. Distribution: Balkan Peninsula. End/BnE

**Luperus longicornis** (Fabricius, 1781)

**A.** New material: vill. Bov, 4.VI.1965, m. h. „Levski“. **B.** Belogradchik (TOMOV, GRUEV, 1969). Distribution: from the Iberian Peninsula to East Siberia. S/EAP/SibE

**Luperus viridipennis** Germar, 1824

**A.** ab. Kalofer (GRUEV, TOMOV, 1998). Distribution: The Alps, Carpathians, Balkans, South Ural, Central Asia. S/EAP/SibE

**Luperus xanthopoda** (Schrank, 1781)

vill. Prevala, Godech (TOMOV, GRUEV, 1969). New material: vill. Krastets, 18.V.1967, Sveti Nikola-Pass, 26.VI.1965, Vitinya-Pass, 16.VI.1964, Troyanski m., 25.V.1968, Vratsa, 31.V.1967, Karlovo, 4.V.1976, Kazanlak, 1.V.1986, Kalofer, VI.1987. **B.** vill. Varbanovo (TOMOV, GRUEV, 1969). New material: Dryanovski m., 17.V.1967, Varshets, 25.V.1966. Distribution: from (?) Iberian Peninsula to Central Asia. S/EAP/SibE

\* **Nymphius lydius** (Weise, 1886)

**A.** vill. Sveti Vlas, 13.V.1987. Distribution: South-East Bulgaria, Caucasus, Asia Minor. E/SbM/ESbM

**Phyllobrotica adusta** (Creutzer, 1799)

**A.** ab. Vratsa, m. h. „Levski“ (TOMOV, GRUEV, 1969). New material: Karlovo, VIII.1967, Kalofer, 16.VI.1968, Sliven (p. „Sotira“), 30.VI.1908, cp Emine. **B.** s. Vrashka Chuka, near c. „Magura“, vill. Varbanovo (TOMOV, GRUEV, 1969). New material: Tryavna, 29.V.1963, vill. Rakovitsa, 23.VI.1965, Veliko Tarnovo, 30.V.1909. Distribution: Balkan Peninsula, basin of Danube. E/ME

**Phyllobrotica quadrimaculata** (Linnaeus, 1758)

**A.** ab. Vratsa (TOMOV, GRUEV, 1969). Distribution: nearly the whole Europe, North and East Kazakhstan. S/EAP/SibE

**Sermilassa halensis** (Linnaeus, 1767)

**A.** m. h. „Paskal“ (TOMOV, GRUEV, 1969). New material: ab. Vratsa, VII.1987. Distribution: great part of Europe, Kazakhstan, South-West Siberia, Altai, Mongolia. S/EAP/SibE

**Xanthogaleruca luteola** (O. F. Mueller, 1766)

**A.** New material: vill. Lakatnik, 23.VII.1987, vill. Krastets, V.1979, vill. Sveti Vlas, 13.V.1987. **B.** Veliko Tarnovo (TOMOV, GRUEV, 1969 – *Galerucella luteola*). Distribution: Europe from Portugal, West France and Denmark to Caucasus; Asia Minor, Middle Asia, Iran, North Africa. SWAs/SbIn

### Subfamily ALTICINAE

**Aeschrocnemis serbica** (Kutschera, 1860)

**A.** near c. „Ledenika“, ab. Sliven (APFELBECK, 1912, 1916, part. – *Derocrepis serbica*; HEIKERTINGER, 1925 – *Derocrepis serbica*), ab. vill. Sveti Vlas, (GRUEV, 1990 – *Derocrepis serbica*). **B.** vill. Ticha (GRUEV, 1992 – *Derocrepis serbica*). Distribution: Serbia, Dalmatia, Bulgaria, Greece, Rumania, Crimea, Turkey (European and Asiatic). SWAs/EuX

**Altica brevicollis** (Foudras, 1860)

**A.** Kalofer (TOMOV, GRUEV, 1969 – *Haltica brevicollis*; WARCHALOWSKI, 1974 – *Haltica brevicollis*). Distribution: Europe, Caucasian countries, Turkey, Iran, Kazakhstan. E/ME

**Altica carduorum** Guerin-Meneville, 1858

**A.** Godech (GRUEV, 1992). New material: park „Motchurite“, VI.1981. Distribution: Europe, Caucasus, Turkey, Azerbaijan, Kazakhstan, Middle Asia, Siberia. S/EAP/SibE

**Altica lythri** Aube, 1843

**A.** Kalofer (WARCHALOWSKI, 1974 – *Haltica ampelophaga*). Distribution: Europe, Turkey. E/ME

**Altica oleracea** (Linnaeus, 1758)

**A.** Berkovitsa (KOZAROV, 1911 – *Haltica oleracea*), Kazanlak (GEORGIEV, 1927 – *Haltica oleracea*; CHORBADZHIEV, 1927 – *Haltica oleracea*), Klisura, Kalofer, vill. Krastets, vill. Vassil Levski, m. h. „Dermenkaya“, woodpark „Karandila“ ab. Sliven, b. peak Vezhen (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Veliko Tarnovo (CHORBADZHIEV, 1924 – *Haltica oleracea*), Belogradchik (KOZAROV, 1911 – *Haltica oleracea*), Preslav (CHORBADZHIEV, 1927 – *Haltica oleracea*), vill. Topolovets, near c. „Magura“ (GRUEV, 1992). Distribution: Europe, Palearctic Asia. S/EAP/TrPal

**Altica palustris** (Weise, 1888)

**A.** Klisura (NIKOLOVA, 1968 – *Haltica palustris*). Distribution: Europe, Caucasus, Turkey, Iran, Kazakhstan, Middle Asia, Algeria, Morocco. S/EAP/SibE

**Altica quercetorum** Foudras, 1860 s. str.

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Turkey. E/ME

**Altica quercetorum saliceti** (Weise, 1888)

**A.** Klisura (NIKOLOVA, 1968 – *Haltica saliceti*). Distribution: Europe, Armenia. E/ME

**Altica tamaricis** Schrank, 1785

**A.** park „Motchurite“ (GRUEV, 2002). **B.** Dryanovski m. (GRUEV, 1992). Distribution: Europe, Palaeartic Asia (Excl. Japan). S/EAP/TrPal

**Aphthona abdominalis** (Duftschmid, 1825)

**A.** Kazanlak (NETOLITZKY, 1912), near c. „Ledenika“ (WARCHALOWSKI, 1974), b. peak Murgash, Kotel (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Turkey, Iran, Afghanistan, Kazakhstan, Siberia, Mongolia, China, Japan. S/EAP/TrPal

**Aphthona bonvouloiri** Allard, 1869

**A.** ab. vill. Sveti Vlas (GRUEV, 1988 – *Aphthona bonvouloiri fa. picipes*). Distribution: East Bulgaria, Turkey, Rhodos, Iran, Israel, Lebanon, Syria, Egypt. SWAs/SbIn

**Aphthona cyparissiae** (Koch, 1803)

**A.** Kalofer (APFELBECK, 1914, 1916). Distribution: Mid and South Europe. E/ME

**Aphthona euphorbiae** (Schrank, 1781)

**A.** Klisura (NIKOLOVA, 1968), Sveti Nikola-Pass, b. peak Murgash, b. peak Izdremets, m. h. „Paskal“ (TOMOV, GRUEV, 1969), Karlovo, Kazanlak, ab. Vratsa, vill. Krastets, m.h. „Balkanski rozi“ (GRUEV, 1992), woodpark „Karandila“ and p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Palaeartic Asia eastwards to Baikal area; North Africa. S/EAP/SibE

**Aphthona flava** Guillebeau, 1894

**A.** Sopot, vill. Raykovtsi, p. „Panitsite“, Vitinya-Pass, Kalofer, Karlovo, ab. Vratsa, vill. Bov, Pirdop (GRUEV, 1992), woodpark „Ravna Reka“, woodpark „Karandila“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Belogradchik (TOMOV, GRUEV, 1969), vill. Rakovitsa, Mezdra (GRUEV, 1992), Veliko Tarnovo (GRUEV, 2002). Distribution: southeastern Europe northwards to Italy, Asiatic Turkey. E/ME

**Aphthona herbigrada** (Curtis, 1837)

**A.** West Stara pl. (GRUEV, TOMOV, 1986), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Mid and South Europe, North-West Africa. E/ME

**Aphthona lacertosa** Rosenhauer, 1847

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974), ab. Vratsa, vill. Chaparlintsi, vill. Katina (GRUEV, 1992). **B.** Mezdra (GRUEV, 1992), near c. „Magura“ (GRUEV, 2002). Distribution: Mid, South and East Europe, Caucasus, Turkey. E/ME

**Aphthona lutescens** (Gyllenhal, 1808)

**A.** Kalofer (APFELBECK, 1912, 1916), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Palaeartic Asia eastwards to Transbaikalia (Buryatiya); Yemen. S/EAP/SibE

**Aphrthona nigriceps** (W. Redtenbacher, 1842)

**A.** ab. Vratsa (GRUEV, 1992). Distribution: southern Mid Europe, South Europe, Caucasus, Turkey, Israel, Syria, South Sporades, North-West Africa. E/SbM/HSbM

**Aphthona nigriscutis** Foudras, 1860

**A.** b. peak Murgash, vill. Cheparlintsi (TOMOV, GRUEV, 1969), ab. Vratsa, Kazanlak, m. h. „Paskal“, m. h. „Chavdar“ (GRUEV, 1992), woodpark „Ravna Reka“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** s. Vrashka Chuka, Belogradchik (TOMOV, GRUEV, 1969). Distribution: Mid, South and East Europe, Turkey, Iran, West Kazakhstan, West Siberia. S/EAP/SibE

**Aphthona ovata** Foudras, 1860

**A.** p. „Shabavitsa“, Shipka-Pass (GRUEV, TOMOV, 1986). Distribution: Mid, South and East Europe, Caucasus, Turkey (Bosporus). E/ME

**Aphthona parnassicola** Heikertinger, 1944

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, TOMOV, 1975). Distribution: North and Mid Greece, South Bulgaria. End/BnE

**Aphthona pygmaea** (Kutschera, 1861)

**A.** m. h. „Paskal“ (TOMOV, GRUEV, 1969), Kalofer (WARCHALOWSKI, 1974; GRUEV, 2002), Eminska pl. (APFELBECK, 1914, 1916), ab. Vratsa, b. peak Izdremets (GRUEV, 1992), woodpark „Ravna Reka“, p. „Mollova Gora“, dam „Asenovets“, and s. Balgarka ab. Sliven (GRUEV, 2002). Distribution: whole Europe, Caucasus, Asia Minor, Rhodos, Syria, Lebanon, Israel, Jordan, Yemen, North-East Africa. E/ME

**Aphthona semicyanea** Allard, 1859

**B.** Veliko Tarnovo (VIG, 2002). Distribution: Mid and South Europe, Caucasus, Asia Minor, Iran, Syria, Israel, Kazakhstan, Middle Asia. S/EAP/SibE

**Aphthona venustula** (Kutschera, 1861)

**A.** Shipchenska pl. (NETOLITZKY, 1912), b. peak Murgash, Vitinya-Pass, m. h. „Paskal“ (TOMOV, GRUEV, 1969), Karlovo, Kalofer, ab. Vratsa, m. h. „Ray“, m. h. „Hubavets“, woodpark „Karandila“ ab. Sliven (GRUEV, 1992), woodpark „Ravna Reka“, p. „Mollova Gora“ and woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** vill. Varbanovo (GRUEV, 1992). Distribution: Europe, Caucasus, Asia Minor. E/ME

**Batophila moesica** Heikertinger, 1948

**A.** Beklemeto-Pass, b. peak Murgash, m. h. „Levski“, m. h. „Balkanski rozi“, m. h. „Paskal“ (GRUEV, 1990), peak Vezhen (GRUEV, 1992). Distribution: mountains of Bulgaria and Rumania. E/SEE (mt)

**Batophila rubi** (Paykull, 1799)

**A.** Beklemeto-Pass, m. h. „Balkanski rozi“, vill. Krastets, m. h. „Levski“ (TOMOV, GRUEV, 1969), Kalaferska pl. (WARCHALOWSKI, 1974). **B.** Varshets (GRUEV, 1992). Distribution: Europe, Caucasus, West Siberia. S/EAP/SibE

**Chaetocnema arida** Foudras, 1860

**A.** vill. Ribaritsa, m. h. „Paskal“ (TOMOV, GRUEV, 1969). Distribution: Mid, West and South Europe, Caucasus, Turkey, North-West Africa. E/ME

**Chaetocnema aridula** (Gyllenhal, 1827)

**A.** Kalofer (APFELBECK, 1914, 1916), s. Balgarka (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Middle Asia, all Siberia, North-West Africa. S/EAP/HPal

**Chaetocnema breviscula** (Faldermann, 1837)

**B.** Veliko Tarnovo (GRUEV, TOMOV, 1986). New material: woodpark „Karandila“ ab. Sliven, VIII.1992, IX.1992. Distribution: Europe, Caucasus, Asia Minor, Azerbaijan, Jordan, Turkmenistan, Iran, Iraq, Afghanistan, Kazakhstan, Middle Asia, West Siberia, Altai, China, Korea. S/EAP/TrPal

**Chaetocnema chlorophana** (Duftshmid, 1825)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Mid, South and East Europe, Caucasus, Turkey, Iraq, Syria, Israel, North-West Africa. E/ME

**Chaetocnema concinna** (Marsham, 1802)

**A.** Klisura, vill. Ribaritsa, Tvarditsa (TOMOV, GRUEV, 1969), Godech, Kalofer, ab. Vratsa, b. peak Murgash, Troyanski m., Kazanlak (GRUEV, 1992), woodpark „Karandila“, p. „Mollova Gora“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Palaearctic Asia (excl. Japan), Algeria. S/EAP/HPal

**Chaetocnema conducta** (Motschulsky, 1838)

**A.** Sveta Bogoroditsa m. (ab. Kalofer) (APFELBECK, 1914, 1916), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Mid, West, South and East Europe, Caucasus, Asia Minor, Armenia, Iran, Israel, Syria, Turkmenistan, Kazakhstan, Middle Asia, whole Africa. SWAs/ SbIn/IT

**Chaetocnema coyei** (Allard, 1863)

**A.** m. h. „Luda Kamchiya“ (GRUEV, 1992). **B.** Belogradchik (GRUEV, 1992). Distribution: Albania, Dalmatia, Serbia, Bulgaria, North Greece, Rumania, South Russia, Turkey, Caucasus, Armenia, Cyprus, Iran, Iraq, Israel, Jordan, Syria. E/SbM/ESbM

**Chaetocnema hortensis** (Geoffroy, 1785)

**A.** vill. Ribaritsa, vill. Rakovitsa, Karlovo, b. peak Izdremets, m. h. „Paskal“, peak Vezhen, m. h. „Kozya Stena“ (TOMOV, GRUEV, 1969), Kalofer, ab. Vratsa (GRUEV, 1992), woodpark „Karandila“, s. Balgarka and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Veliko Tarnovo (NETOLITZKY, 1912), Shiroka pl. (GRUEV, 1992). Distribution: Europe, Palaearctic Asia (excl. Japan), Madeira, Saudi Arabia, North-West Africa, Chad, Sudan. S/EAP/HPal

**Chaetocnema montenegrina** Heikertinger, 1912

**A.** Kalofer (WARCHALOWSKI, 1974), m. h. „Paskal“, Vitinya-Pass (TOMOV, GRUEV, 1969 – *Chaetocnema hortensis montenegrina*), woodpark „Karandila“ ab. Sliven (GRUEV, 1992). **B.** vill. Rakovitsa (GRUEV, 1992). Distribution: South-East Europe, Asia Minor, Armenia, Turkmenistan, Iran, Afghanistan, Middle Asia. SWAs/SbIn/IT

**Chaetocnema obesa** (Boieldieu, 1859)

**A.** Kalofer (WARCHALOWSKI, 1974). Distribution: Mid, South and East Europe, Caucasus, Asia Minor, Iraq, Kazakhstan, Altai, Mongolia, North-West Africa. S/EAP/SibE

**Chaetocnema picipes** Stephens, 1831

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Iran, Kazakhstan, Middle Asia, China, Siberia, Mongolia, Korea. S/EAP/TrPal

**Chaetocnema scheffleri** (Kutschera, 1864)

**A.** vill. Ribaritsa (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Mid and South Europe, Caucasus, Azerbaijan, Asia Minor, Iran, Iraq, Israel, North-West Africa. E/SbM/HSbM

**Chaetocnema semicoerulea** (Koch, 1803)

**A.** vill. Ribaritsa (TOMOV, GRUEV, 1969). **B.** Cherepishki m. (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Asia Minor, Kazakhstan, West and Middle Siberia eastwards to the Baikal area. S/EAP/SibE

**Chaetocnema subcoerulea** (Kutschera, 1864)

**A.** ab. Vratsa (GRUEV, 1992). Distribution: Europe, Caucasus. E/ME

**Chaetocnema tibialis** (Illiger, 1807)

**A.** park „Karandila“, Tvarditsa (GRUEV, 1992), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). **B.** Shiroka pl. (GRUEV, 1992). Distribution: Europe, Palaearctic Asia eastwards to the Baikal area; North Africa. S/EAP/SibE

**Crepidodera aurata** (Marsham, 1802)

**A.** vill. Krastets, vill. Ribaritsa, Berkovitsa, ab. Vratsa, b. peak Murgash (TOMOV, GRUEV, 1969 – *Chalcoides aurata*), vill. Katina, vill. Krastets (GRUEV, 1992), park „Mochurite“ ab. Sliven (GRUEV, 2002). **B.** Dryanovski m. (TOMOV, GRUEV, 1969 – *Chalcoides aurata*). Distribution: Europe, Palaearctic Asia (excl. Japan), Morocco. S/EAP/HPal

**Crepidodera aurea** (Geoffroy, 1785)

**A.** ab. Vratsa, vill. Krastets (TOMOV, GRUEV, 1969 – *Chalcoides aurea*), Kaloferska pl. (WARCHALOWSKI, 1974 – *Chalcoides aurea*), Kalofer, p. „Panitsite“, Berkovitsa, Shipka-Pass, Vrachanska pl. (GRUEV, 1992), park „Mochurite“ ab. Sliven (GRUEV, 2002). **B.** Dryanovski m. (GRUEV, 1992). New material: Belogradchik, 21.V.1966. Distribution: Europe, Caucasus, Asia Minor, Cyprus, Iran, Kazakhstan, Middle Asia, West Siberia, Trasbaikalia. S/EAP/SibE

**Crepidodera fulvicornis** (Fabricius, 1792)

**A.** Kaloferska pl. (WARCHALOWSKI, 1974 – *Chalcoides fulvicornis*), Vrachanska pl. (GRUEV, TOMOV, 1986 – *Chalcoides fulvicornis*), ab. Vratsa (GRUEV, 1992). Distribution: from nearly whole Europe to Amurland. S/EAP/ TrPal

**Crepidodera lamina** (Bedel, 1901)

**A.** vill. Krastets (TOMOV, GRUEV, 1969 – *Chalcoides lamina*), Kaloferska pl. (WARCHALOWSKI, 1974 – *Chalcoides lamina*), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Caucasus, Turkey. E/ME

**Crepidodera nigricoxis** (Allard, 1878)

**A.** vill. Krastets, Godech, vill. Ribaritsa, Svoge (GRUEV, 1975 – *Chalcoides nigricoxis*). **B.** Belogradchik (GRUEV, 1975 – *Chalcoides nigricoxis*), vill. Reselets (GRUEV, 2002). Distribution: South-East Europe, Caucasus. E/SbM/ESbM

**Crepidodera nitidula** (Linnaeus, 1758)

**A.** Kalofer (GRUEV, 1992), vill. Shipka (GRUEV, 2002). Distribution: Europe, West and Middle Siberia, Sayany Mts. S/EAP/SibE

**Crepidodera plutus** (Latreille, 1804)

**A.** Troyanski m. (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: from Europe to Japan, Sakhalien and the Kurils. S/EAP/TrPal

**Derocrepis rufipes** (Linnaeus, 1758)

**A.** Vitinya-Pass, m. h. „Balkanski rozi“, m. h. „Levski“, vill. Krastets (TOMOV, GRUEV, 1969). **B.** s. Vrashka Chuka (TOMOV, GRUEV, 1969). Distribution: Europe, Caucasus, Asia Minor, West and Middle Siberia, Sayany Mts. S/EAP/SibE

**Dibolia cryptocephala** (Koch, 1803)

**A.** Kalofer (WARCHALOWSKI, 1974), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Tryavna (MOHR, 1981). Distribution: Mid, South and East Europe, Caucasus, Kazakhstan, West Siberia. S/EAP/SibE

**Dibolia depressiuscula** (Letzner, 1847)

**A.** dam „Asenovets“ (GRUEV, 2002). Distribution: Europe, Palaeartic Asia eastwards incl. the Baikal area. S/EAP/SibE

**Dibolia femoralis** Redtenbacher, 1849

**A.** vill. Lakatnik (GRUEV, TOMOV, 1986). Distribution: Mid and South Europe, Caucasus, Turkey, Rhodos. E/ME

**Dibolia foersteri** Bach, 1859

**A.** p. „Shabavitsa“ (GRUEV, TOMOV, 1986). Distribution: Europe. E/ME

**Dibolia occultans** (Koch, 1803)

**A.** Godech, ab. Vratsa (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). New material: ab. vill. Sveti Vlas, 8.V.1987. Distribution: Europe, Caucasus, Asia Minor, North-West Africa. E/ME

**Dibolia rugulosa** Redtenbacher, 1849

**A.** ab. vill. Sveti Vlas (GRUEV, 1988). Distribution: from France and Belgium to Russia and Ukraine. E/ME

**Dibolia schillingii** (Letzner, 1847)

**B.** Veliko Tarnovo (MOHR, 1981). Distribution: Mid and East Europe, Caucasus, Asia Minor, West Kazakhstan. E/ME

**Dibolia timida** (Illiger, 1807)

**A.** Stara pl. (MOHR, 1981: „Stara Hora“). Distribution: Mid and South Europe, North-West Africa. E/ME

**Epitrix atropae** Foudras, 1860

**A.** vill. Krastets, woodpark „Karandila“ ab. Sliven (TOMOV, GRUEV, 1969), near c. „Ledenika“ (WARCHALOWSKI, 1974). Distribution: Europe, Caucasus, Asia Minor, Algeria. E/ME

**Epitrix intermedia** Foudras, 1860

**B.** vill. Varbanovo (GRUEV, 1992). Distribution: Mid, South and East Europe, Caucasus, Asia Minor. E/ME

**Epitrix pubescens** (Koch, 1803)

**A.** vill. Ribaritsa (TOMOV, GRUEV, 1969), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Azores, Caucasus, Asia Minor, Cyprus, Israel, Iran, Kazakhstan, Middle Asia, West Siberia. S/EAP/SibE

**Hippuriphila modeeri** (Linnaeus, 1761)

**A.** vill. Katina (GRUEV, 1992). Distribution: Europe, Caucasus, Asia Minor, all Siberia, Mongolia. S/EAP/TrPal

**Longitarsus aeneicollis** (Faldermann, 1837)

**A.** Svoge (NEDELKOV, 1909 – *Longitarsus suturalis*), Godech, m. h. „Parshevitsa“, woodpark „Karandila“ ab. Sliven (GRUEV, 1992 – *Longitarsus suturalis*). Distribution: Europe, Caucasus, Asia Minor, Iran, Iraq, Israel, Syria, Lebanon, Kazakhstan, Middle Asia, North-West Africa. E/ME

**Longitarsus alfieri furthi** Gruev, 1982

**B.** Tryavna (GRUEV, 1973 a – *Longitarsus klapperichi*; GRUEV, 1982, 1992). Distribution: Bulgaria, Crete, Macedonia, Serbia, Crimea, Georgia, Asiatic Turkey, Spain. E/SbM/HSbM

**Longitarsus anchusae** (Paykul, 1799)

**A.** vill. Krastets (GRUEV, 1969), vill. Sveti Vlas (GRUEV, 1988), Klisurski m., vill. Bov (GRUEV, 1992), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). **B.** near c. „Magura“ (GRUEV, 1969), Tryavna (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Iran, Iraq, Afghanistan, Syria, Jordan, Cyprus, Kazakhstan, Middle Asia, Siberia. S/EAP/SibE

**Longitarsus apicalis** (Beck, 1817)

**A.** m. h. „Parshevitsa“ (GRUEV, 1992), woodpark „Ravna Reka“ and s. Balgarka ab. Sliven (GRUEV, 2002). **B.** ab. Tryavna (GRUEV, 1990). Distribution: Europe, Canary Isls., Caucasus, West, Mid and South Siberia. S/EAP/SibE

**Longitarsus atricillus** (Gyllenhal, 1813)

**A.** Godech, vill. Ribaritsa (TOMOV, GRUEV, 1969), Godech (GRUEV, 2002). **B.** Belogradchik (TOMOV, GRUEV, 1969), Rakovishki m. (West Stara pl.: b. s. Chernoglav) (GRUEV, 1992). Distribution: Europe, Caucasus, Turkey, Cyprus, Iran, Middle Asia, East Siberia (Magadan), North-East Africa. S/EAP/TrPal

**Longitarsus ballotae** (Marsham, 1802)

**A.** ab. Vratsa (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: West, Mid, South and East Europe, Caucasus, Asia Minor, Cyprus, Syria, Israel, Jordan, Yemen, Iran, Kazakhstan, Altai, Mongolia, North Africa. S/EAP/SSibE

*Longitarsus bertii* **Leonardi, 1973**

**A.** vill. Ribaritsa, ab. Vratsa (GRUEV, 1971 – *Longitarsus ferrugineus*), vill. Sveti Vlas (GRUEV, 1988), Svoge, vill. Bov (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Mezdra, Dryanovski m. (GRUEV, 1992). Distribution: M and East Europe, Italy, Caucasus, Asia Minor, Turkmenistan, Syria, Israel, Cyprus, Iran. E/ME

**Longitarsus brunneus** (Duftschmid, 1825)

**A.** vill. Krastets (GRUEV, 1973), Kalofer (WARCHALOWSKI, 1974). **B.** Dryanovo (GRUEV, 1973), Tryavna (TOMOV, GRUEV, 1969). Distribution: Europe, Palaearctic Asia (excl. Japan). S/EAP/TrPal

**Longitarsus curtus** (Allard, 1860)

**A.** Sveti Nikola-Pass (GRUEV, 1992). Distribution: Europe, Caucasus, Afghanistan, Middle Asia, Transbaikalia (Buryatiya). S/EAP/TrPal

**Longitarsus echii** (Koch, 1803)

**A.** Shipchenska pl. (NETOLITZKY, 1912). Distribution: Mid, South and East Europe, Turkey, Afghanistan. E/ME

**Longitarsus exoletus** (Linnaeus, 1758)

**A.** p. „Panitsite“, ab. Lovech (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** near c. „Magura“ (GRUEV, 1970 a – *Longitarsus exoletus rufulus*). Distribution: whole Europe, Caucasus, Asia Minor, Iran, Turkmenistan, Afghanistan, Syria, Cyprus. E/ME

**Longitarsus fallax** Weise, 1888

**A.** vill. Sveti Vlas (GRUEV, 1988 – *Longitarsus dimidiatus*). Distribution: Mid, South and East Europe, Transcaspia, Kazakhstan, Middle Asia, North-East Africa. SWAs/SbIn/IT

**Longitarsus foudrasi** Weise, 1893

**A.** ab. Vratsa (GRUEV, 1992). Distribution: Mid and South Europe, Palearctic Asia (excl. Japan), North-West Africa. S/EAP/TrPal

**Longitarsus fuscoaeneus** Redtenbacher, 1849

**A.** vill. Sveti Vlas (GRUEV, 1988). Distribution: Mid, South and East Europe, Armenia, Caucasus, Turkey, Near East. E/ME

**Longitarsus ganglbaueri** Heikertinger, 1912

**B.** Tryavna (GRUEV, 1973). Distribution: Europe, Caucasus, Asia Minor, Siberia eastwards to the Ussuri area; Mongolia, Sakhalien. S/EAP/TrPal

**Longitarsus gracilis** Kutschera, 1864

**A.** Kazanlak (GRUEV, TOMOV, 1998). Distribution: Europe, Caucasus, Turkey, Israel, North-West Africa. E/ME

**Longitarsus holsaticus** (Linnaeus, 1758)

**A.** Kalofer (APFELBECK, 1914, 1916). Distribution: Europe, Palearctic Asia. S/EAP/TrPal

**Longitarsus juncicola** (Foudras, 1860)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: southern half of Europe, Caucasus, Asia Minor, North Africa. E/SbM/HSbM

**Longitarsus kutscherae** (Rye, 1872)

**A.** Kalofer, Kaloferska pl. (GRUEV, TOMOV, 1986). Distribution: Europe, Palearctic Asia (excl. Japan), Algeria. S/EAP/HPal

**Longitarsus lateripunctatus personatus** Weise, 1893

**A.** ab. vill. Sveti Vlas (GRUEV, 1992). **B.** Mezdra (GRUEV, TOMOV, 1986). Distribution: Mid and South Europe, Caucasus, Asia Minor, Rhodos, Cyprus, Israel. E/ME

**Longitarsus lewisii** (Baly, 1874)

**A.** m. h. „Balkanski rozi“ (GRUEV, TOMOV, 1986 – *Longitarsus scutellaris*), woodpark „Karandila“, p. „Mollova Gora“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). Distribution: from Europe to Korea and Japan; Taiwan, North Vietnam. S/EAP/TrPal

**Longitarsus linnaei** (Duftschmid, 1825)

**A.** vill. Krastets (GRUEV, 1968 a), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Dryanovski m. (GRUEV, 1968 a). Distribution: Mid and South Europe, Caucasus, Asia Minor, Iran, Syria, Israel. E/ME

**Longitarsus longipennis** Kutschera, 1863

**A.** Troyan, Godech (GRUEV, 1992). **B.** Veliko Tarnovo, Tryavna, vill. Rakovitsa, Cherepishki m. (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Asia Minor, Kazakhstan, Middle Asia, Siberia. S/EAP/TrPal

**Longitarsus longiseta** Weise, 1889

**A.** vill. Krastets (GRUEV, 1969). Distribution: from Europe to Japan. S/EAP/TrPal

**Longitarsus luridus** (Scopoli, 1763)

**A.** Karlovo, Kalofer, vill. Krastets, ab. Vratsa, Sveti Nikola-Pass, m. h. „Dermentkaya“, peak Vezhen (GRUEV, 1992), woodpark „Karandila“, p. „Mollova Gora“ and woodpark „Ravna Reka“ ab. Sliven (GRUEV, 2002). **B.** Mezdra (YOAKIMOV, 1904), vill. Varbanovo (GRUEV, 1969), Veliko Tarnovo, Tryavna, near c. „Magura“ (GRUEV, 1992). Distribution: Europe, Palearctic Asia eastwards to Vladivostok. S/EAP/TrPal

**Longitarsus lycopi** (Foudras, 1860)

**A.** Karlovo (DIMITROV, CHIKRENOV, 1961), ab. Vratsa (GRUEV, 1969), vill. Sveti Vlas (GRUEV, 1988), vill. Krastets, vill. Ribaritsa, Godech (GRUEV, 1992), woodpark „Karandila“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Tryavna, (GRUEV, 1992). Distribution: Europe, Caucasus, Asia Minor, Iran, Iraq, Kazakhstan, Middle Asia, Syria, Israel, Jordan, Saudi Arabia, Yemen, North Africa, Chad. E/ME



**Longitarsus melanocephalus** (De Geer, 1775)

**A.** ab. Vratsa (GRUEV, 1969), b. peak Murgash (TOMOV, GRUEV, 1969), Kaloferska pl. (WARCHALOWSKI, 1974), vill. Ribaritsa, vill. Krastets, m. h. „Balkanski rozi“, b. peak Izdremets, p. „Shabavitsa“ (GRUEV, 1992), wood park „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Tryavna, Varshets, Dryanovski m., Shiroka pl. (GRUEV, 1992). Distribution: Europe, Palaeartic Asia eastwards to Transbaikalia. S/EAP/TrPal

**Longitarsus membranaceus** (Foudras, 1860)

**B.** Dryanovo (GRUEV, 1973), Tryavna (GRUEV, TOMOV, 1986). Distribution: Mid and East Europe, Caucasus, Asia Minor, Iran, Israel, Cyprus, North-West Africa. E/ME

**Longitarsus minusculus** (Foudras, 1860)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Tryavna (GRUEV, TOMOV, 1986). Distribution: Mid, South and East Europe, Daghestan, Turkey. E/ME

**Longitarsus monticola** Kutschera, 1863

**A.** m. h. „Balkanski rozi“ (GRUEV, 1973 – *Longitarsus curtus*), m. h. „Kosharata“, near vill. Martinovo (GRUEV, 1992 – *Longitarsus curtus*). Distribution: mountains of Austria, Slovenia, Czechia, Germany, France, Italy, Switzerland, Poland, Hungary, Rumania, Bulgaria; Caucasus, Tajikistan. E/ME (mt)

**Longitarsus nanus** (Foudras, 1860)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Mid and South Europe, Caucasus, Turkey, Rhodos, Israel, Algeria. E/ME

**Longitarsus nasturtii** (Fabricius, 1792)

**A.** ab. Vratsa (GRUEV, 1992). **B.** vill. Rakovitsa (GRUEV, 1992). Distribution: from Europe to Korea; Thibet, China. S/EAP/TrPal

**Longitarsus niger** (Koch, 1803)

**A.** Kalofer (APFELBECK, 1914, 1916), Godech, Svoge, vill. Lakatnik, vill. Krastets (GRUEV, 1992), woodpark „Karandila“, woodpark „Ravna Reka“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Tryavna (GRUEV, 1992). Distribution: Europe, Caucasus, Asia Minor. E/ME

**Longitarsus nigrofasciatus** (Goeze, 1777)

**A.** b. peak Murgash (GRUEV, 1969), Vratsa, vill. Sveti Vlas (GRUEV, 1992), woodpark „Karandila“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Veliko Tarnovo (NETOLITZKY, 1912 – *Longitarsus lateralis*), Varshets, Tryavna (GRUEV, 1992). Distribution: from Europe to West Siberia; North Africa. S/EAP/SibE

**Longitarsus nimrodi** Furth, 1979

**B.** near c. „Magura“ (GRUEV, 1970 – *Longitarsus exoletus rufulus*). Distribution: Mid and South-East Europe, Italy, Turkey, Israel. E/SbM/ESbM

**Longitarsus noricus** Leonardi, 1876

**B.** s. Vrashka Chuka (GRUEV, 1982 a). Distribution: Mid and East Europe, Caucasus. E/ME

**Longitarsus obliterated** (Rosenhauer, 1847)

**A.** ab. Vratsa (GRUEV, 1969, 1973), park „Karandila“, m. h. „Parshevitsa“, vill. Sveti Vlas (GRUEV, 1992), dam „Asenovets“ (GRUEV, 2002). **B.** Dryanovski m., Tryavna (GRUEV, 1992). Distribution: Mid, South and SouthEast Europe, Caucasus, Turkey, Syria, Israel, Jordan, Iran. E/ME

**Longitarsus ochroleucus** (Marsham, 1847)

**B.** Tryavna (GRUEV, TOMOV, 1986). Distribution: Europe, Caucasus, Asia Minor, Canary Isls., North-West Africa. E/ME

**Longitarsus parvulus** (Paykull, 1799)

**A.** b. peak Murgash, peak Kom (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Belogradchik (GRUEV, 1992). Distribution: from Europe to Middle Siberia, Sayany Mts; Canary Isls. S/EAP/SibE

**Longitarsus pellucidus** (Foudras, 1860)

**A.** vill. Ribaritsa, ab. Vratsa, Kalofer, Beklemeto-Pass, m. h. „Dermenkaya“, woodpark „Karandila“ ab. Sliven (GRUEV, 1992), p. „Mollova Gora“, dam „Asenovets“, VI.1993 and s. Balgarka ab. Sliven

(GRUEV, 2002). **B.** Mezdra, Tryavna, near c. „Magura“ (GRUEV, 1992). Distribution: Europe, Palaearctic Asia eastwards to Sayany Mis. And Mongolia; India. S/EAP/SibE

**Longitarsus pratensis** (Panzer, 1794)

**A.** Godech (GRUEV, 1969), Klisura, Kalofer, woodpark „Karandila“ ab. Sliven, vill. Ribaritsa (GRUEV, 1991), p. „Mollova Gora“, dam „Asenovets and s. Balgarka ab. Sliven (GRUEV, 2002). Distribution: whole Europe, Palaearctic Asia eastwards to Middle Asia. E/ME

**Longitarsus quadriguttatus** (Pontoppidan, 1765)

**B.** nr. c. „Magura“ (GRUEV, 1871). Distribution: Europe, Caucasus, Asia Minor. E/ME

**Longitarsus reichei** (Allard, 1860)

**A.** dam „Asenovets“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Caucasus, Turkey, Iran. E/ME

**Longitarsus rubiginosus** (Foudras, 1860)

**A.** ab. Vratsa (GRUEV, TOMOV, 1986). Distribution: from Europe to the Russian Far East. S/EAP/TrPal

**Longitarsus salviae** Gruev, 1975

**A.** Eminska pl. (GRUEV, 1992). **B.** Tryavna, Mezdra, Cherepishki m. (GRUEV, 1975). Distribution: Mid, West, South and East Europe, Caucasus, Turkey. E/ME

**Longitarsus scutellaris** (Rey, 1874)

**A.** Godech, vill. Ribaritsa, vill. Krastets, Troyan, vill. Barziya (GRUEV, 1991), woodpark „Karandila“, p. „Mollova Gora“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Tryavna (LEONARDI, DOGUET, 1990), Varshets (GRUEV, 1991). Distribution: Europe, Caucasus, Asia Minor, Siberia, Mongolia. S/EAP/SibE

**Longitarsus succineus** (Foudras, 1860)

**A.** m. h. „Kozya Stena“ (GRUEV, 1971), vill. Krastetsab. Vratsa, m. h. „Parshevitsa“ (GRUEV, 1992), woodpark „Karandila“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). New material: s. Balgarka, X.1992. **B.** Tryavna, s. Vrashka Chuka, Cherepish, Rakovishki m. (GRUEV, 1992). Distribution: Europe, Palaearctic Asia, North-West Africa. S/EAP/HPal

**Longitarsus suturellus** (Duftschmid, 1825)

**A.** vill. Krastets (GRUEV, 1992), b. s. peak Botev, s. Balgarka (GRUEV, 2002). Distribution: whole Europe, Palaearctic Asia eastwards to Korea, Japan and the Kurils. S/EAP/TrPal

**Longitarsus tabidus** (Fabricius, 1775)

**A.** Klisura (TOMOV, GRUEV, 1969), Kalofer (WARCHALOWSKI, 1974), ab. Vratsa, m. h. „Kozya Stena“ (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: from Europe to West Siberia, Sayany Mts. and Mongolia; North-West Africa. S/EAP/SibE

**Mantura obtusata** (Gyllenhal, 1813)

**A.** b. peak Murgash (TOMOV, GRUEV, 1969), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Varshets (GRUEV, 1992). Distribution: Europe, Caucasus. E/ME

**Mantura rustica** (Linnaeus, 1766)

**A.** ab. Vratsa (GRUEV, 1992). Distribution: Europe, Palaearctic Asia eastwards to the Russian Far East; Pakistan. S/EAP/TrPal

**Minota halmae** (Apfelbeck, 1906)

**A.** m. h. „Parshevitsa, ab. Vratsa (GRUEV, 1982 a, 1992). Distribution: mountains of Mid Europe and northern Balkans. E/ME (mt)

**Neocrepidodera ferruginea** (Scopoli, 1763)

**A.** Godech, b. peak Murgash (TOMOV, GRUEV, 1969 – *Crepidodera ferruginea*), vill. Katina, ab. Vratsa, Troyan, Troyanski m., vill. Ribaritsa, Sveti Nikola-Pass, p. „Panitsite“ (GRUEV, 1992 – *Asiaorestia ferruginea*), woodpark „Ravna Reka“ (GRUEV, 2002). Distribution: Europe, Azores, Caucasus, Turkey, Iran. E/ME

**Neocrepidodera impressa obtusangula** (J. Daniel, 1904)

**A.** ab. vill. Sveti Vlas (GRUEV, 1992 – *Asiaorestia impressa obtusangula*). Distribution: Bulgaria, Greece, Cyprus, Turkey. SWAs/SbIn

**Neocrepidodera nigritula** (Gyllenhal, 1813)

**A.** ab. Vratsa (GRUEV, TOMOV, 1986 – *Crepidodera nigritula*). Distribution: Europe, Turkey (Bosporus). E/ME

**Neocrepidodera transversa** (Marsham, 1802)

**A.** b. peak Murgash (TOMOV, GRUEV, 1969 – *Crepidodera transversa*), vill. Besuntsi (GRUEV, 1992 – *Asiolestia transversa*), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Caucasus, Asia Minor, Cyprus, Iran. E/ME

**Orestia bulgarica** Heikertinger, 1910

**A.** Stara pl., p. „Kushbunar“ ab. Sliven (HEIKERTINGER, 1924). Distribution: Bulgaria, Serbia. End/BnE

**Phyllotreta astrachanica** Lopatin, 1977

**A.** ab. Vratsa, Godech (GRUEV, 1982), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: Mid, South and East Europe, Caucasus, Asia Minor, Cyprus, North-West Kazakhstan. E/ME

**Phyllotreta atra** (Fabricius, 1775)

**A.** Shipchenska pl. (NETOLITZKY, 1912), Klisura, peak Vezhen (TOMOV, GRUEV, 1969), Godech, Kalofer, ab. Vratsa, m. h. „Balkanski rozi“, vill. Ribaritsa (GRUEV, 1992), woodpark „Karandila“ and p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). **B.** near c. „Magura“ (TOMOV, GRUEV, 1969). Distribution: Europe, Palaearctic Asia eastwards to the Kurils; Morocco, Yemen. S/EAP/HPal

**Phyllotreta balcanica** Heikertinger, 1909

**A.** vill. Ribaritsa, near c. „Ledenica“ (TOMOV, GRUEV, 1969), b. peak Murgash (GRUEV, 1977). Distribution: from South and South-East Europe to Kazakhstan and Middle Asia. SWAs/SbIn/IT

**Phyllotreta bulgarica** Gruev, 1877

**A.** Klisurski m. (GRUEV, 2002). **B.** Varshets (GRUEV, 1977). Distribution: Bulgaria, Greece, Israel. E/SbM/ESbM

**Phyllotreta christinae** Heikertinger, 1941

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974). Distribution: mountains of Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Slovenia, Czechia, Slovakia, Hungary, Germany, Rumania, Ukraine, Switzerland, North Italy, France. E/ME (mt)

**Phyllotreta corrugata** Reiche, 1858

**A.** ab. vill. Sveti Vlas (GRUEV, 1992). Distribution: South and South-East Europe, Caucasus, Azerbaijan, Turkey, Rhodos, Cyprus, Iran, Iraq, Israel, Jordan, Kazakhstan, Turkmenistan, Uzbekistan; North Africa from Morocco to East Egypt. SWAs/SbIn/IT

**Phyllotreta cruciferae** (Goeze, 1777)

**A.** Kazanlak (CHORBADZHIEV, 1927; MAZHDRAKOV, 1934), peak Vezhen, woodpark „Karandila“ ab. Sliven, vill. Ribaritsa (GRUEV, 1992), dam „Asenovets“ and woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: from Europe to West Siberia, Sayany Mts. and Mongolia; North-West Africa, Ethiopia, Sudan; IndiaS/EAP/SibE

**Phyllotreta dacica** Heikertinger, 1941

**B.** near c. „Magura“ (GRUEV, TOMOV, 1986). Distribution: Bosnia-Herzegovina, South Dalmatia, Serbia, Bulgaria, Rumania, South Ukraine, Azerbaijan, Turkey. E/SbM/ESbM

**Phyllotreta diademata** Foudras, 1860

**A.** m. h. „Balkanski rozi“ (GRUEV, 1982 a), Kalofer, Godech, ab. Vratsa (GRUEV, 1992), park „Mochurite“ ab. Sliven (GRUEV, 2002). **B.** Dryanovski m., vill. Varbanovo (GRUEV, 1982 a). Distribution: from West Europe to Middle Asia, North India. S/EAP/SibE

**Phyllotreta erysimi** Weise, 1900

**A.** p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). Distribution: South-East and East Europe, Caucasus, Turkey, Turkmenistan, Iran, Afghanistan, Kazakhstan, Middle Asia, Israel, Syria, Mongolia. SWAs/SbIn/IT

**Phyllotreta nemorum** (Linnaeus, 1758)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 1992). Distribution: Europe, Palaearctic Asia (excl. Japan). S/EAP/SibE

**Phyllotreta nigripes** (Fabricius, 1775)

**A.** b. peak Murgash, Vitinya-Pass, m. h. „Chavdar“, m. h. „Paskal“ (TOMOV, GRUEV, 1969), ab. Vratsa, peak Vezhen, Aladzha m., vill. Sveti Vlas (Varna Distr.) (GRUEV, 1992), woodpark „Karandila“, p. „Mollova Gora“, dam „Asenovets“ and s. Balgarka ab. Sliven (GRUEV, 2002). **B.** Veliko Tarnovo (NETOLITZKY, 1912), near c. „Magura“ (TOMOV, GRUEV, 1969). Distribution: whole Europe, Palaeartic Asia eastwards to Middle Asia; North Africa. E/ME

**Phyllotreta nodicornis** (Marsham, 1802)

**A.** vill. Sveti Vlas (GRUEV, 1988). Distribution: Europe, Caucasus, Turkey. E/ME

**Phyllotreta ochripes** (Curtis, 1837)

**A.** vill. Sveti Vlas (GRUEV, 1988), Kazanlak, vill. Krastets, Eminska pl. (GRUEV, 1992). **B.** Dryanovski m. (GRUEV, 1992). Distribution: Europe, Palaeartic Asia (excl. Japan). S/EAP/TrPal

**Phyllotreta procera** (Redetenbacher, 1849)

**A.** woodpark „Karandila“ ab. Sliven (GRUEV, 2002). New material: ab. vill. Sveti Vlas. Distribution: Mid and South Europe, Macaronesia, Caicasus, Asia Minor, Iran, Middle Asia, Israel, Jordan, Cyprus, North-West Africa, Tanzania. SWAs/SbIn/IT

**Phyllotreta scheuchi** Heikertinger, 1941

**A.** ab. Vratsa (GRUEV, 1982 a). Distribution: Mid, South-West, West and East Europe, Mongolia. S/EAP/SibE

**Phyllotreta striolata** (Fabricius, 1803)

**A.** Klisura (NIKOLOVA, 1968 – *Phyllotreta nemorum*), near c. „Ledenika“ (WARCHALOWSKI, 1974 – *Phyllotreta vittata*), Kazanlak (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Asia, Indonesia. S/EAP/TrPal

**Phyllotreta tetrastigma** (Comolli, 1837)

**A.** m. h. „Balkanski rozi“ (GRUEV, 1992). Distribution: Europe, Turkey, West and Middle Siberia, Yakutiya. S/EAP/SibE

**Phyllotreta undulata** Kutschera, 1860

**A.** ab. Vratsa (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Dryanovski m. (GRUEV, 1992). Distribution: whole Europe, Palaeartic Asia (excl. Japan). S/EAP/TrPal

**Phyllotreta vilis** Weise, 1888

**A.** b. peak Murgash (TOMOV, GRUEV, 1969), dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Varshets (GRUEV, 1992). Distribution: southeastern Europe, Turkey. E/SbM/ESbM

**Phyllotreta vittula** (Redtenbacher, 1849)

**A.** b. peak Izdremets, b. peak Murgash, m. h. „Chavdar“ (TOMOV, GRUEV, 1969), near c. „Ledenika“ (WARCHALOWSKI, 1974), Kalofer, vill. Ribaritsa, vill. Krastets, ab. Vratsa (GRUEV, 1992), woodpark „Karandila“, woodpark „Ravna Reka“, p. „Mollova Gora“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Mezdra (YOAKIMOV, 1904). Distribution: whole Europe, Palaeartic Asia (excl. Japan). S/EAP/TrPal

**Podagrica fuscicornis** (Linnaeus, 1766)

**A.** Kalofer (APFELBECK, 1914, 1916), Vitinya-Pass (TOMOV, GRUEV, 1969), Karlovo, ab. Sliven (GRUEV, 1992). **B.** Belogradchik (TOMOV, GRUEV, 1969), Veliko Tarnovo (NETOLITZKY, 1912), Cherepishki m. (GRUEV, 1992). Distribution: Europe (withouth the northern part), Canary Isls., Lebanon, North-West Africa. E/ME

**Podagrica malvae** (Illiger, 1807)

**A.** Kalofer (APFELBECK, 1914, 1916), Eminska pl. (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). New material: ab. vill. Sveti Vlas, 13.V.1987. **B.** Veliko Tarnovo (NETOLITZKY, 1912), near c. „Magura“ (TOMOV, GRUEV, 1969), vill. Topolovets, Dryanovski m., Aladzha m. (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Asia Minor, Iran, Iraq, Syria, Jordan, Israel, Cyprus. E/ME

**Podagrica menetriesi** (Faldermann, 1837)

**A.** Karlovo (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** vill. Topolovets (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Asia Minor, Rhodos, Iraq, Kazakhstan, Middle Asia, West China. SWAs/SbIn/IT

**Psylliodes aereus austriacus** Heikertinger, 1911

**A.** peak Vihren (GRUEV, TOMOV, 1969). Distribution: mountains of Czechia, Slovakia, Hungary, Austria, Rumania, Bulgaria, Ukraine (Carpathians). E/ME (mt)

**Psylliodes affinis** (Paykull, 1799)

**A.** park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Caucasus, Kazakhstan, West Siberia. S/EAP/SibE

**Psylliodes brisouti** Bedel, 1898

**A.** vill. Bov, vill. Lakatnik (GRUEV, KRÁL, 1975). Distribution: Mid, South and South-East Europe, Turkey. E/ME

**Psylliodes chalcomerus** (Illiger, 1807)

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974), vill. Katina, ab. Vratsa (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). New material: ab. vill. Sveti Vlas, 13.V.1987. **B.** near c. „Magura“ (GRUEV, 1992). Distribution: from the nearly whole Europe to West Siberia; North Africa. S/EAP/HPal

**Psylliodes chrysocephalus** (Linnaeus, 1758)

**A.** ab. Vratsa (ANGELOVA, 1967), vill. Sveti Vlas (GRUEV, 1988; 2002). Distribution: whole Europe, Caucasus, Asia Minor, Rhodos, Israel, Jordan, Lebanon, Syria, North-West Africa, Azores, Madeira, Cape Verde Isls. E/ME

**Psylliodes circumdatus** (Redtenbacher, 1842)

**A.** park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Cherepishki m. (GRUEV, 1992). Distribution: Mid and South Europe, Caucasus, Asia Minor, Near East, Iran, North Africa. E/ME

**Psylliodes cupreus** (Koch, 1803)

**A.** Godech (GRUEV, 1992), dam „Asenovets“ ab. Sliven (GRUEV, 2002). New material: park „Motchurite“ ab. Sliven, VI.1981. **B.** Belogradchik (GRUEV, 1992). Distribution: Europe, Palaeartic Asia eastwards to Transbaikalia. S/EAP/SibE

**Psylliodes dulcamarae** (Koch, 1803)

**A.** Kalofer (WARCHALOWSKI, 1974), p. „Skaklya“ (GRUEV, 1992). **B.** vill. Varbanovo, Dryanovski m. (GRUEV, 1992). Distribution: Europe, Palaeartic Asia eastwards to West Siberia. S/EAP/SibE

**Psylliodes illyricus** Leonardi et Gruev, 1993

**B.** near c. „Magura“ (GRUEV, 1970 a – *Psylliodes picina*; LEONARDI, GRUEV, 1993). Distribution: Czechia, Slovakia, Hungary, Rumania, Ukraine (Carpathians), Bulgaria, Croatia (incl. Adriatic Insl., Bosnia-Herzegovina, Serbia. E/ME

**Psylliodes instabilis** Foudras, 1860

**A.** vill. Shipka (GRUEV, 1992), woodpark „Karandila“ ab. Sliven. **B.** near c. „Magura“ (GRUEV, 1992). Distribution: Mid, South and East Europe, Caucasus, Asia Minor, Cyprus, Israel, North-West Africa. E/ME

**Psylliodes isatidis** Heikertinger, 1912

**A.** vill. Krastets (GRUEV, 1968 a). Distribution: Europe, Palaeartic Asia eastwards to Kazakhstan, Middle Asia, West Siberia, Mongolia. S/EAP/SibE

**Psylliodes kiesenwetteri** Kutschera, 1864

**A.** Eminska pl. (GRUEV, 1992), woodpark „Karandila“ and woodpark „Ravna Reka“ ab. Sliven (GRUEV, 2002). Distribution: South-East Europe, Italy, Austria, Turkey. E/SbM/ESbM

**Psylliodes luteolus** (O. F. Mueller, 1776)

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974). Distribution: Mid, South and East Europe, Caucasus, Turkey, Iran, Syria, Lebanon. E/ME

**Psylliodes napi** (Fabricius, 1792)

**A.** vill. Bov, vill. Krastets, vill. Sveti Vlas (GRUEV, 1992), Vratsa, woodpark „Karandila“, p. „Mollova Gora“ and dam „Asenovets“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Palaeartic Asia (excl. Japan), North-West Africa. S/EAP/HPal

**Psylliodes sturanyi** Apfelbeck, 1906

**A.** peak Botev (GRUEV, ARNOLD, 1989). Distribution. Mountains of Bosnia, Montenegro, Serbia, Bulgaria, Rumania (Carpathians). E/SEE (mt)

**Psylliodes thlaspis** Foudras, 1860

**A.** vill. Katina (GRUEV, 1992). **B.** s. Vrashka Chuka (TOMOV, GRUEV, 1969), Mezdra, near c. „Magura“ (GRUEV, 1992). Distribution: Mid, South and East Europe, Caucasus. E/ME

**Psylliodes tricolor** Weise, 1888

**A.** s. Balgarka (GRUEV, 2002). Distribution: from Europe to the Baikal area; Morocco. S/EAP/SibE

**Sphaeroderma testaceum** (Fabricius, 1775)

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974 – *Sphaeroderma rubidum* and *S. testaceum*; GRUEV, 1992). Distribution: Europe, Caucasus, Azerbaijan, Cyprus. E/ME

#### Subfamily HISPINAE

**Hispa atra** Linnaeus, 1767

**A.** Godech, Vratsa, Kalofer (TOMOV, GRUEV, 1969 – *Hispella atra*), Karlovo (GRUEV, 1992), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). New material: ab. Tvarditsa, 12.V.1965. **B.** vill. Varbanovo, Dryanovski m., near c. „Magura“ (TOMOV, GRUEV, 1969 – *Hispella atra*). Distribution: Europe, Palaeartic Asia eastwards to North China; North Africa. S/EAP/SibE

#### Subfamily CASSIDINAE

**Cassida atrata** Fabricius, 1787

**A.** ab. Vratsa (NEDELKOV, 1909), woodpark „Karandila“ ab. Sliven (GRUEV, 1992). Distribution: Mid and South-East Europe, Caiccasus, Asia Minor. E/ME

**Cassida azurea** Fabricius, 1801

**B.** Belogradchik, „Byala Voda“ (near Belogradchik) (TOMOV, GRUEV, 1969). Distribution: Mid, South and East Europe, Caucasus, Kazakhstan, Middle Asia, West Siberia. S/EAP/SibE

**Cassida canaliculata** Laicharting, 1781

**A.** ab. Sliven (APFELBECK, 1914, 1916). Distribution: from East France to East Kazakhstan (mainly in the basin of Danube and in Ukraine). S/EAP/SibE

**Cassida denticollis** Suffrian, 1844

**A.** Vitinya-Pass (GRUEV, 1967). Distribution: from the British Isls. To East Kazakhstan, Siberia and Mongolia. S/EAP/SibE

**Cassida fastuosa** Schaller, 1783

**B.** Tryavna (NETOLITZKY, 1912), s. Vrashka Chuka (GRUEV, 1967 – *Pilemostoma fastuosa*). Distribution: from the British Isls. To the Baikal area. S/EAP/SibE

**Cassida flaveola** Thunberg, 1794

**A.** SVOGE (NEDELKOV, 1909), ab. Sliven (APFELBECK, 1914, 1916), park „Motchurite“ ab. Sliven (GRUEV, 2002). Distribution: Europe, Palaeartic Asia eastwards to the Russian Far East. S/EAP/TrPal

**Cassida hemisphaerica** Herbst, 1799

**A.** Berkovitsa (GRUEV, 1967), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: Europe northwards to Norway; Mediterranean. E/ME

**Cassida inquinata** Brulle, 1832

**A.** near c. „Ledenika“ (WARCHALOWSKI, 1974). New material: vill. Cheparlinski, 30.VI.1965. Distribution: Mid and South Europe, Caiccasus, Asia Minor, Syria, Turkmenistan, North-West Africa. E/ME

**Cassida margaritacea** Schaller, 1783

**A.** ab. Sliven (APFELBECK, 1914, 1916), vill. Cheparlinski (GRUEV, 1967), near c. „Ledenika“ (WARCHALOWSKI, 1974), Vratsa (Gruev, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). Distribution: from West France to the Baikal area. S/EAP/SibE

**Cassida murraea** Linnaeus, 1767

**A.** Vratsa (NEDELKOV, 1909), Tvardistsa (GRUEV, 1967), park „Motchurite“ ab. Sliven (GRUEV, 2002).

**B.** Varshets (Gruev, 1992). Distribution: Palaearctis (excl. North Africa). S/EAP/TrPal

**Cassida nebulosa** Linnaeus, 1758

**A.** vill. Lakatnik, Vitinya-Pass (GRUEV, 1992), p. „Mollova Gora“ and woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** near c. „Magura“ (TOMOV, GRIEV, 1969). Distribution: from the British Isls. to Japan. S/EAP/TrPal

**Cassida nobilis** Linnaeus, 1758

**A.** ab. Sliven (APFELBECK, 1914, 1916), Berkovitsa (GRUEV, 1992), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** vill. Oreshets (GRUEV, 1967). Distribution: Palaearktis (incl. Japan). S/EAP/TrPal

**Cassida pannonica** Suffrian, 1844

**A.** Godech (GRUEV, 1967), ab. Sliven (GRUEV, 1992), Slivenska pl. (GRUEV, 2002). **B.** Veliko Tarnovo (ANGELOV ET AL., 1964). Distribution: Mid, South and East Europe, Caucasus, Asia Minor, North Kazakhstan, Middle Asia, West China. SWAs/SbIn

**Cassida panzeri** Weise, 1907

**A.** Troyan (GRUEV, 1970), vill. Ribaritsa (p. „Kostina“) (GRUEV, 2002). **B.** New material: vill. Dermantsi, 10.VI.1995. Distribution: from France to Japan. S/EAP/TrPal

**Cassida prasina** Illiger, 1798

**A.** ab. Sliven, Kalofer (APFELBECK, 1914, 1916), m. h. „Chavdar“ (TOMOV, GRUEV, 1969), Godech, vill. Katina, Varshets, Berkovitsa, ab. Vratsa (GRUEV, 1992), p. „Mollova Gora“ ab. Sliven (GRUEV, 2002). New material: woodpark „Motchurite“ ab. Sliven, VI.1981. **B.** Mezdra (YOAKIMOV, 1904), vill. Rakovitsa, Cherepish, Veliko Tarnovo, Belogradchik, vill. Varbanovo, near c. „Magura“, s. Vrashka Chuka, Dryanovski m. (GRUEV, 1992). Distribution: Europe, Asia Minor, Kazakhstan, Siberia, West China. S/EAP/SibE

**Cassida rubiginosa** Mueller, 1776

**A.** m. h. „Levski“ (TOMOV, GRUEV, 1969), vill. Katina, vill. Krastets (GRUEV, 1992), . park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** Belogradchik (TOMOV, GRUEV, 1969). Distribution: Palaearctis; Taiwan. S/EAP/HPal

**Cassida rufovirens** Suffrian, 1844

**A.** Stara pl. (SPAETH, REITTER, 1926: Mt. Mator [=„Kodsha Balkan“ – *Cassida rufovirens rhilensis*]), vill. Ribaritsa (GRUEV, 2002). **B.** near c. „Magura“ (GRUEV, TOMOV, 1969; GRUEV, 2002). Distribution: France, Mid and South-East Europe, Caucasus, Asia Minor. E/ME

**Cassida sanguinolenta** Mueller, 1776

**A.** Kalofer (APFELBECK, 1914, 1916), m. h. „Chavdar“ (GRUEV, 1992), dam „Asenovets“ ab. Sliven (GRUEV, 2002). **B.** Belogradchik, near c. „Magura“ (GRUEV, 1967). Distribution: Europe, Palaearctic Asia eastwards to Kamchatka. S/EAP/TrPal

**Cassida stigmatica** Suffrian, 1844

**A.** vill. Krastets (GRUEV, 1967). **B.** Belogradchik (GRUEV, TOMOV, 1986), Lovech (GRUEV, 2002). Distribution: from North Spain, West France and Belgium to North China. S/EAP/SibE

**Cassida subferruginea** Schrank, 1776

**A.** Pirdop (TOMOV, GRUEV, 1969 – *Hypocassida subferruginea*), Kalofer (WARCHALOWSKI, 1974 – *Hypocassida subferruginea*), ab. Vratsa (GRUEV, 1992), woodpark „Karandila“ ab. Sliven (GRUEV, 2002). **B.** Belogradchik, vill. Rakovitsa, s. Vrashka Chuka, Dryanovski m., near c. „Magura“ (TOMOV, GRUEV, 1969 – *Hypocassida subferruginea*), vill. Reselets (GRUEV, 2002). New material: p. „Patleya“. Distribution: Palaearctis. S/EAP/TrPal

**Cassida subreticulata** Suffrian, 1844

**A.** vill. Lakatnik (GRUEV, TOMOV, 1986). New material: **B.** ab. Cherven Bryag, 25.VII.1998. Distribution: Europe, Caucasus, Asia Minor, Turkmenistan, Iran, Siberia (with Amurland). S/EAP/SibE

**Cassida vibex** Linnaeus, 1867

**A.** ab. Sliven (APFELBECK, 1914, 1916), ab. Vratsa, vill. Krastets (TOMOV, GRUEV, 1969), park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** near c. „Magura“ (GRUEV, 1992). Distribution: Europe, Palaearctic Asia (incl. Japan). S/EAP/ TrPal

**Cassida viridis** Linnaeus, 1758

**A.** Kalofer (APFELBECK, 1914, 1916), Vratsa, vill. Krastets, b. peak Izdremets, b. peak Murgash, Vitinya-Pass, m. h. „Levski“ (TOMOV, GRUEV, 1969), Godech, m. h. „Hubavets“, Troyanski m. (GRUEV, 1992). park „Motchurite“ ab. Sliven (GRUEV, 2002). **B.** vill. Varbanovo (TOMOV, GRUEV, 1969), Troyanski m., Belogradchik (GRUEV, 1992). New material: vill. Reselets, 24.VII.1998, ab. Cherven Bryag, 25.VII.1998. Distribution: Palaearctis. S/EAP/HPal

The total number of the taxa established in the investigated region is 363 (*Orsodacninae* – 1, *Zeugophorinae* – 1, *Donaciinae* – 5, *Criocerinae* – 6, *Clytrinae* – 27, *Cryptocephalinae* – 42, *Eumolpinae* – 8, *Chrysomelinae* – 68, *Galerucinae* – 22, *Alticinae* – 160, *Hispinae* – 1, *Cassidinae* – 22). That number constitutes about 70 % of the leaf beetle taxa known in Bulgaria. In the Stara Planina ridge are established 331 taxa, and in the Fore-Balkan – 195. The taxa found in both areas are 166. The taxa newly recorded herein to the studied area are 28 (to Stara Planina ridge – 26, to Fore-Balkan – 6). New distributional data are given about 87 taxa.

#### ZOOGEOGRAPHY

The studied area belongs biogeographically (GRUEV, 1988 a) to: the Mountainous region (Stara Planina subregion: Stara Planina ridge) and the Northbulgarian region (Fore-Balkan subregion). Besides that all parts of the Stara Planina subregion to the North and the South up to 900-1000 m a. s. l. belong correspondingly to the neighbouring biogeographic regions and subregions (see Geography of Bulgaria, 2002, p. 396, map 8)

After the zoogeographic classification used by the author till now (GRUEV, 1988, 1990, 1995; GRUEV in: GRUEV, KUZMANOV, 1994, 1999; GRUEV, BECHEV, 2000) in the Stara Planina and the Fore-Balkan are established members of 4 zoogeographic complexes (Northholarctic, Siberian, European, Southwestasiatic) and a group of endemics:

Dominant in the area are the representatives of the Siberian and European complexes, followed by those of the Southwestasiatic complex. The Northholarctic complexes is poorly presented.

The Northholarctic complex is presented only by the species *Oreina luctuosa*.

The first place in the Siberian complex (172 taxa) occupy the Siberoeuropean taxa (totally the Siberoeuropean and Southsiberoeuropean taxa are 90), followed by the Transpalaearctic (65) and Holopalaearctic (16) taxa. Single Holarctic species is *Bromius obscurus* distribute in the Bulgarian mountains mainly between 1000 and 1800 m a. s. l.

The European complex (152 taxa) is composed chiefly by Mideuropean (98) and Submediterranean (42) taxa (Holosubmediterranean – 14; Eastsubmediterranean – 28). It is important to be mentioned the Mideuropean mountainous taxa *Chrysolina hemisphaerica purpurascens*, *Ch. rufa crassicollis*, *Ch. olivieri*, *Oreina intricata anderschi*, *Timarcha metallica*, *Longitarsus monticola*, *Minota halmae*, *Phyllotreta*



*christinae* and *Psylliodes aereus austriaca* presented also in Mid Europe. They are attached to the Mideuropean mountainous element of Bulgaria (GRUEV, 2000 a) settled the mountains of the country from the North during the quaterneric glaciation and interglaciation periods. Six of them are established in the Stara Planina ridge and only 3 – in parts with mountainous characters of the Fore Balkan. Southeasteuropean mountainous taxa are *Chrysolina carpathica gabrieli*, *Batophila moesica* and *Psylliodes struanyi*. The two latter species came to Bulgaria from the Carpathians because of the same reason pointed above.

Settlers from the East during various times of the Tertiary and Quaternary are the xero- and xero-mesophilous taxa of the Southwestasiatic complex (22). They are designated as Subiranian 8. – *Clytra novempunctata*, *Smaragdina chloris biornata*, *Cryptocephalus connexus*, *C. prusias*, *Xanthogaleruca luteola*, *Aphthona bonvouloiri*, *Neocrepidodera impressa obtusangula*, *Cassida pannonica*; Iranoturanian 11– *Chrysolina chalcites*, *Ch. didymata*, *Entomoscelis suturalis*, *Chaetocnema conducta*, *Ch. montenegrina*, *Longitarsus fallax*, *Phyllotreta balcanica*, *Ph. corrugata*, *Ph. erysimi*, *Ph. procera*, *Podagrica menetriesi*; Asia Minor 2 – *Smaragdina tibialis*, *Chrysolina vernalis ottomana*. and Euxinian - 1.

The group of endemics contains 15 taxa (Balkan endemics: *Clytra valeriana tetrastigma*, *Macrocoma rubripes balcanica*, *Gonioctena pallida reticulata*, *Oreina alpestris balcanica*, *O. cacaliae dinarica*, *O. speciosa bosnica*, *O. speciosissima drenskii*, *O. virgulata ljubetensis*, *Timarcha goettingensis aerea*, *Smaragdina graeca*, *Luperus graecus*, *Aphthona parnassicola*, *Orestia bulgarica*; Bulgarian: *Chrysolina globosa reprehensa*, *Oreina plagiata schipkana*. The subspecies *Oreina plagiata schipkana* is known only from Stara Planina ridge. The mentioned endemics (excl. *Macrocoma rubripes balcanica*) have evidently a glacial origin from Mideuropean forms.

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**ЛИСТОЯДИТЕ (INSECTA: COLEOPTERA: CHRYSOMELIDAE) НА  
СТАРА ПЛАНИНА И ПРЕДБАЛКАНА. ФАУНА И ЗООГЕОГРАФИЯ**

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**(Резюме)**

Общо в Старопланинската верига и Предбалкана са установени 364 вида и подвида листояди (в Стара планина – 331, в Предбалкана – 195; общи за двете части на изследвания район са 166 таксона). Новообобщени за Стара планина са 28 и за Предбалкана – 6 таксона. Зоогеографски листоядите на изследвания район принадлежат към 4 комплекса: Севернохоларктичен (1), Сибирски (174), Европейски (152), Югозападноазиатски (22). Освен тях в района са намерени 15 ендемита: балкански – 13 и български – 2.

