

## **Leaf beetles (Coleoptera: Chrysomelidae) of Vrachanska Planina Mountains**

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**Abstract.** Published and unpublished data about 154 species of 46 genera leaf beetles from Vrachanska Planina Mts. are summarized. 82 species are newly published to the fauna of the mountains.

**Key words:** Chrysomelidae, Bulgaria.

### **Introduction**

All known Bulgarian Chrysomelidae species till 2007 were summarized by Gruev & Tomov (2007). After this synopsis there were no any active specialists on the family in Bulgaria.

### **Material and Methods**

This paper summarizes all published data on Vrachanska Planina Mts.. New, unpublished data is on the base of materials, which were collected by D. Bechev and it is determined together with B. Gruev and V. Tomov. The nomenclature is according Gruev & Tomov (2007).

### **Species list**

#### **ORSODACNINAE**

##### ***Orsodacne cerasi* (Linnaeus, 1758)**

New data: Vratsa, April.

#### **DONACIINAE**

##### ***Donacia (Donacia) bicolora* Zschach, 1788**

New data: Vratsa; May.

##### ***Donacia (D.) dentata* Hoppe, 1795**

New data: Vratsa, July; Ledenika, July.

##### ***Donacia (D.) marginata* Hoppe, 1795**

New data: Vratsa, July.

##### ***Donacia (D.) simplex* Fabricius, 1775**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April and May.

***Donacia (D.) thalassina* Germar, 1811**

New data: Vratsa, May; Ledenika, July.

***Plateumaris (D.) sericea* (Linnaeus, 1758)**

New data: Vratsa, April.

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

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April.

**CRIOCERINAE**

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

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, July.

***Oulema melanopa* (Linnaeus, 1758)**

Chorbazhiev (1930): Vratsa.

New data: Vratsa, April; Mezdra, July; Ledenika, July and August; Parshevitsa Hut, July.

**CLYTRINAE**

***Labidostomis cyanicornis* Germar, 1817**

Tomov & Gruev (1969): Mezdra.

***Labidostomis longimana* (Linnaeus, 1761)**

New data: Vratsa, July; Gorna Byala Rechka, July; Milanovo, July.

***Lachnaia sexpunctata* (Scopoli, 1763)**

New data: Lakatnik, July.

***Clytra (Clytra) laeviuscula* Ratzeburg, 1837**

New data: Vratsa, July.

***Clytra (C.) quadripunctata* (Linnaeus, 1758)**

New data: Ledenika, May.

***Smaragdina (Monrosia) affinis* (Illiger, 1794)**

Nedelkov (1909): Cherepish.

***Smaragdina (M.) salicina* (Scopoli, 1763)**

Tomov & Gruev (1969): Vratsa.

New data: Lakatnik, April and May.

***Smaragdina (M.) xanthaspis* (Germar, 1824)**

New data: Vratsa, July; Matnitsa, July; Gorna Byala Rechka, July; Milanovo, July; Ledenika, July.

**CRYPTOCEPHALINAE**

***Cryptocephalus (Cryptocephalus) biguttatus* (Scopoli, 1763)**

Nedelkov (1909): Vratsa.

New data: Vratsa, July.

***Cryptocephalus (C.) bipunctatus* (Linnaeus, 1758)**

New data: Vratsa, May.

***Cryptocephalus (C.) flavipes* Fabricius, 1781**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, July.

***Cryptocephalus (C.) frenatus* Laicharting, 1781**

Warchalowski (1974): Ledenika.

***Cryptocephalus (C.) hypochoeridis* (Linnaeus, 1758)**

Warchalowski (1974) Ledenika.

New data: Vratsa, July; Gorna Byala Rechka, July; Ledenika, July.

***Cryptocephalus (C.) janthinus* Germar, 1824**

New data: Vratsa, July; Gorno Ozirovo, July; Matnitsa, June and July.

***Cryptocephalus (C.) moraei* (Linnaeus, 1758)**

Nedelkov (1909): Vratsa.

New data: Vratsa, July; Gorno Ozirovo, July; Matnitsa, July; Milanovo, July;

Parshevitsa Hut, July; Ledenika, July and August.

***Cryptocephalus (C.) octacosmus* Bedel, 1891**

New data: Matnitsa, June and July; Vratsa, July; Gorna Byala Rechka, July;

Ledenika, August.

***Cryptocephalus (C.) parvulus* O.F. Müller, 1776**

New data: Matnitsa, June and July; Vratsa, July.

***Cryptocephalus (C.) violaceus* Laicharting, 1781**

New data: Mezdra, June.

***Cryptocephalus (C.) vittatus* Fabricius, 1775**

Warchalowski (1974): Ledenika.

New data: Ledenika, July.

***Cryptocephalus (Burlinius) populi* Suffrian, 1848**

New data: Gorna Byala Rechka, July.

***Cryptocephalus (B.) strigosus* Germar, 1823**

Gruev (2004): Vratsa.

New data: Vratsa, July.

***Cryptocephalus (B.) connexus* Olivier, 1807**

New data: Vratsa, July; Milanovo, July.

***Pachybrachis hieroglyphicus* (Laicharting, 1781)**

New data: Gorna Byala Rechka, July.

**EUMOLPINAE**

***Pales ulema* (Germar, 1813)**

New data: Vratsa, April.

***Pachnophorus villosus* (Duftschmidt, 1825)**

New data: Vratsa, July; Matnitsa, August.

**CHRYSOMELINAE**

***Timarcha (Timarcha) tenebricosa* (Fabricius, 1775)**

New data: Vratsa, April.

***Leptinotarsa decemlineata* (Say, 1824)**

New data: Parshevitsa Hut, July.

***Chrysolina (Bittotaenia) salviae* (Germar, 1824)**

Gruev (1968): Lakatnik.

***Chrysolina (Ovostoma) olivieri* (Bedel, 1892)**

Gruev (1992): Vratsa.

New data: Vratsa, April; Matnitsa, July.

***Chrysolina (Menthastriella) herbacea* (Duftschmidt, 1825)**

New data: Vratsa, May and July; Matnitsa, June and August; Ledenika, July;

Parshevitsa Hut, July and August.

***Chrysolina (Synerga) coeruleans (Scriba, 1791)***

Tomov & Gruev (1969) Vratsa.

New data: Vratsa, April and July; Matnitsa, June and July.

***Chrysolina (Erythrochrysa) polita (Linnaeus, 1758)***

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, May; Matnitsa, June and August; Lyutadzhik, July

***Chrysolina (Stichoptera) rossia (Illiger, 1802)***

Tomov & Gruev (1969): Cherepish.

***Chrysolina (Hypericia) didymata (Scriba, 1791)***

Warchalowski (1974): Ledenika.

***Chrysolina (Craspeda) limbata (Fabricius, 1775)***

Warchalowski (1974): Ledenika.

New data: Vratsa, April.

***Chrysolina (Fastuolina) fastuosa (Scopoli, 1763)***

New data: Vratsa, April and September; Parshevitsa Hut, July and August.

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

Gruev (1990): Ledenika.

New data: Ledenika, July.

***Gastrophysa polygoni (Linnaeus, 1758)***

New data: Vratsa, April and July.

***Phaedon (Phaedon) laevigatus (Duftschmidt, 1825)***

New data: Mezdra, June.

***Prasocuris junci (Brahm, 1790)***

Tomov & Gruev (1969): Vratsa.

***Plagioderma versicolora (Laicharting, 1781)***

New data: Gorno Ozirovo, July.

***Chrysomela (Strickerus) cuprea Fabricius, 1775***

New data: Vratsa, April.

***Chrysomela (Strickerus) vigintipunctata (Scopoli, 1763)***

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April.

***Chrysomela (Pachylina) collaris Linnaeus, 1758***

Nedelkov (1909): Vratsa.

***Chrysomela (Chrysomela) populi Linnaeus, 1758***

Nedelkov (1909): Vratsa.

New data: Vratsa, April and July; Gorno Ozirovo, July.

***Chrysomela (Chrysomela) tremulae Fabricius, 1787***

Nedelkov (1909): Vratsa.

***Gonioctena (Spartomena) fornicata (Brüggemann, 1773)***

Chorbadzhev (1926): Vratsa.

New data: Vratsa, April and July.

***Phratora (Phratora) laticollis (Suffrian, 1851)***

Tomov & Gruev (1969): Vratsa.

***Phratora (Phratora) vitellinae (Linnaeus, 1758)***

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April, July.

#### GALERUCINAE

***Galeruca (Galeruca) pomonae* (Scopoli, 1763)**

New data: Ledenika, July.

***Galeruca (G.) tanacetii* (Linnaeus, 1758)**

New data: Vratsa, July; Ledenika, July.

***Galeruca (Eumarhopa) rufa* Germar, 1824**

New data: Vratsa, May

***Galerucella (Neogalerucella) calmariensis* (Linnaeus, 1767)**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April; Gorno Ozirovo, July.

***Galerucella (Neogalerucella) lineola* (Fabricius, 1781)**

New data: Vratsa, April and May.

***Galerucella (N.) pusilla* (Duftschmidt, 1825)**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April and July; Matnitsa, June; Lyutadzhik, July; Gorna Byala Rechka, July.

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

Nedelkov (1909): Vratsa.

***Phyllobrotica adusta* (Creutzer, 1799)**

Tomov & Gruev (1969): Vratsa.

***Phyllobrotica quadrimaculata* (Linnaeus, 1758)**

Tomov & Gruev (1969): Vratsa.

***Sermylassa halensis* (Linnaeus, 1767)**

Warchalowski (1974): Ledenika.

New data: Milanovo, July.

#### ALTICINAE

***Phyllotreta astrachanica* Lopatin, 1977**

New data: Cherepish, June.

***Phyllotreta atra* (Fabricius, 1775)**

New data: Vratsa, April and July; Gorna Byala Rechka, July; Parshevitsa Hut, July and August.

***Phyllotreta balcanica* Heikertinger, 1909**

Warchalowski (1974): Ledenika.

***Phyllotreta christinae* Heikertinger, 1941**

Warchalowski (1974): Ledenika.

***Phyllotreta cruciferae* (Goeze, 1777)**

New data: Vratsa, April; Ledenika, July; Parshevitsa Hut, August.

***Phyllotreta diademata* Foudras, 1859**

New data: Vratsa, April, May and July; Gorno Byala Rechka, July; Gorno Ozirovo, July and August; Parshevitsa Hut, August.

***Phyllotreta nemorum* (Linnaeus, 1758)**

New data: Parshevitsa Hut, August.

***Phyllotreta nigripes* (Fabricius, 1775)**

New data: Ledenika, July; Parshevitsa Hut, July and August; Vratsa, October.

***Phyllotreta schneuchi* Heikertinger, 1941**

New data: Vratsa, October.

***Phyllotreta striolata* (Fabricius, 1801)**

Warchalowski (1974): Ledenika.

***Phyllotreta undulata* Kutschera, 1860**

New data: Gorna Byala Rechka, July; Vratsa, April, July, August and October.

***Phyllotreta vittula* (Redtenbacher, 1849)**

Warchalowski (1974): Vratsa.

New data: Vratsa, April, May and July; Matnitsa, August; Ledenika, July and August; Parshevitsa Hut, July and August; Gorno Ozirovo, August.

***Aphthona abdominalis* (Duftschmidt, 1825)**

Warchalowski (1974): Ledenika.

***Aphthona euphorbiae* (Schrank, 1781)**

New data: Vratsa, April and July, October; Parshevitsa Hut, July.

***Aphthona flava* Guillebeau, 1894**

New data: Matnitsa, June, Vratsa, July; Ledenika, July.

***Aphthona lacertosa* Rosenhauer, 1847**

Warchalowski (1974): Ledenika, Gruev (1992): Mezdra.

New data: Vratsa, May.

***Aphthona lutescens* (Gyllenhal, 1808)**

New data: Vratsa, April, July and August; Ledenika, July.

***Aphthona nonstriata* (Goeze, 1777)**

New data: Vratsa, May.

***Aphthona pygmaea* Kutschera, 1861**

New data: Vratsa, April; Ledenika, July.

***Aphthona venustula* Kutschera, 1861**

New data: Vratsa, April; Ledenika, July.

***Longitarsus apicalis* (Beck, 1817)**

New data: Ledenika, July.

***Longitarsus atricillus* (Gyllenhal, 1813)**

New data: Vratsa, August and October; Gorno Ozirovo, August

***Longitarsus ballotae* (Marsham, 1802)**

New data: Vratsa, May.

***Longitarsus bertii* Leonardi, 1873**

Gruev (1971): Vratsa.

New data: Vratsa, April, July.

***Longitarsus holsaticus* (Linnaeus, 1758)**

New data: Vratsa, July.

***Longitarsus luridus* (Scopoli, 1763)**

Yoakimov (1904): Mezdra.

New data: Vratsa, April, May, July, August and October; Gorna Byala Rechka, July; Ledenika, July, August; Parshevitsa Hut, August.

***Longitarsus nasturtii* (Fabricius, 1792)**

New data: Vratsa, July.

***Longitarsus nigrofasciatus* (Goeze, 1777)**

Gruev (1969): Vratsa.

New data: Vratsa, April and May; Matnitsa, June and August; Gorno Ozirovo, August.

***Longitarsus obliteratus* (Rosenhauer, 1847)**

Gruev (1969): Vratsa.

New data: Ledenika, July; Parshevitsa Hut, August.

***Longitarsus pellucidus* (Foudras, 1860)**

New data: Vratsa, July, August and October; Parshevitsa Hut, July.

***Longitarsus pratensis* (Panzer, 1794)**

New data: Vratsa, April, August and October.

***Longitarsus rubiginosus* (Foudras, 1860)**

New data: Vratsa, May.

***Longitarsus salviae* Gruev, 1975**

Gruev (1975): Vratsa.

***Longitarsus strigicollis* Wollaston, 1864**

New data: Vratsa, April, August and October.

***Longitarsus succineus* (Foudras, 1860)**

New data: Parshevitsa Hut, July and August; Matnitsa, August.

***Longitarsus suturellus* (Duftschmid, 1825)**

New data: Vratsa, October.

***Altica impressicollis* Reiche, 1862**

New data: Vratsa, April.

***Lythrarina salicariae* (Paykull, 1800)**

New data: Vratsa, April.

***Neocrepidodera ferruginea* (Scopoli, 1763)**

New data: Vratsa, July; Mezdra, July; Ledenika, July and August; Parshevitsa Hut, August.

***Neocrepidodera nigritula* (Gyllenhal, 1813)**

Gruev, Tomov (1986): Vratsa.

New data: Vratsa, May.

***Neocrepidodera transversa* (Marscham, 1802)**

New data: Matnitsa, June, Vratsa, July.

***Derorcepis (Derorcepis) rufipes* (Linnaeus, 1758)**

New data: Ledenika, July.

***Derorcepis (Aeschrocnemis) serbica* (Kutschera, 1860) s.str.**

Warchalowski (1974): Ledenika.

***Hippuriphila modeeri* (Linnaeus, 1761)**

Gruev (1992): Ledenika.

New data: Mezdra, July.

***Crepidodera aurata* (Marsham, 1802)**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April and July; Gorna Byala Rechka, July.

***Crepidodera aurea* (Geoffroy, 1785)**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, April and July; Gorno Ozirovo, July; Gorna Byala Rechka, July.

***Crepidodera fulvicornis* (Fabricius, 1792)**

New data: Vratsa, April.

***Crepidodera nigricoxis* (Allard, 1878)**

New data: Vratsa, April.

***Crepidodera plutus* (Latreille, 1804)**

New data: Vratsa, April.

***Epitrix atropae* Foudras, 1860**

Warchalowski (1974): Ledenika

***Epitrix intermedia* Foudras, 1860**

New data: Vratsa, July; Gorna Byala Rechka, July

***Minota halmae* (Apfelbeck, 1906)**

Gruev (1982): Vratsa, Biondi (1986): Vratsa.

***Podagrica malvae* (Illiger, 1807)**

New data: Vratsa, April.

***Mantura (Mantura) rustica* (Linnaeus, 1766)**

New data: Vratsa, May.

***Chaetocnema (Tlanoma) chlorophana* (Duftschmidt, 1825)**

New data: Vratsa, April, May, July and October; Ledenika, July; Matnitsa, August.

***Chaetocnema (T.) concinna* (Marsham, 1802)**

New data: Vratsa, April, May, July and October; Matnitsa, June and August; Gorna Byala Rechka, July; Lyutadzhik, July; Gorno Ozirovo, July and August; Ledenika, July and August; Parshevitsa Hut, August.

***Chaetocnema (T.) conducta* (Motschulsky, 1838)**

New data: Vratsa, April.

***Chaetocnema (T.) laevicollis* (Thomson, 1866)**

New data: Ledenika, July.

***Chaetocnema (T.) tibialis* (Illiger, 1807)**

New data: Vratsa, April and May; Ledenika, August.

***Chaetocnema (Chaetocnema) aridula* (Gyllenhal, 1827)**

New data: Vratsa, April, May and July; Gorna Byala Rechka, July; Matnitsa, July, August.

***Chaetocnema (Ch.) hortensis* (Geoffroy, 1785)**

New data: Vratsa, April, May, July and October; Matnitsa, June and July; Gorna Byala Rechka, July; Milanovo, July; Parshevitsa Hut, July.

***Chaetocnema (Ch.) obesa* (Boieldieu, 1859)**

New data: Vratsa, April.

***Chaetocnema (Ch.) procerula* (Rosenhauer, 1856)**

New data: Vratsa, July.

***Chaetocnema (Ch.) subcoerulea* (Kutschera, 1864)**

New data: Vratsa, May and July; Matnitsa, June and July.

***Sphaeroderma testaceum* (Fabricius, 1775)**

Warchalowski (1974): Ledenika.

New data: Ledenika, July.

***Dibolia occultans* (Koch, 1803)**

New data: Mezdra, July; Matnitsa, August.

***Psylliodes (P.) affinis* (Paykull, 1799)**

New data: Vratsa, April and July.

***Psylliodes (Psylliodes) brisouti* Bedel, 1898**

Gruev, Král (1975): Lakatnik, Gruev (1975): Lakatnik.

***Psylliodes (P.) chalcomerus* (Illiger, 1807)**

Warchalowski (1974): Ledenika.

New data: Vratsa, April.

***Psylliodes (P.) chrysocephalus* (Linnaeus, 1758)**

Angelova (1967): Vratsa.

***Psylliodes (P.) circumdatus* (Redtenbacher, 1842)**

New data: Cherepish, June.

***Psylliodes (P.) dulcamarae* (Koch, 1803)**

New data: Vratsa, May.

***Psylliodes (P.) luteolus* (Müller, 1776)**

Warchalowski (1974): Ledenika.

***Psylliodes (P.) thlaspis* Foudras, 1860**

Gruev (1992): Mezdra.

New data: Mezdra, June.

**HISPINAE**

***Hispa atra* Linnaeus, 1767**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, May.

**CASSIDINAE**

***Cassida (Cassida) atrata* Fabricius, 1787**

Nedelkov (1909): Vratsa.

***Cassida (C.) inquinata* Brulle, 1832**

Warchalowski (1974): Ledenika.

New data: Vratsa, April.

***Cassida (C.) nebulosa* Linnaeus, 1758**

New data: Matnitsa, July.

***Cassida (C.) prasina* Illiger, 1798**

New data: Vratsa, May; Matnitsa, July.

***Cassida (C.) rubiginosa* Müller, 1776**

New data: Matnitsa, June.

***Cassida (C.) sanguinolenta* Müller, 1776**

Warchalowski (1974): Ledenika.

***Cassida (C.) vibex* Linnaeus, 1767**

Gruev (1969): Vratsa.

New data: Matnitsa, July, June.

***Cassida (Mionycha) subreticulata* Suffrian, 1844**

Gruev, Tomow (1986): Lakatnik.

New data: Lakatnik, June.

***Cassida (Pseudocassida) murraea* Linnaeus, 1767**

Nedelkov (1909): Vratsa.

New data: Matnitsa, June and July; Gorno Ozirovo, July; Gorna Byala Rechka, July.

***Cassida (Odontionycha) viridis* Linnaeus, 1758**

Tomov & Gruev (1969): Vratsa.

New data: Vratsa, July; Matnitsa, July.

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## **Бръмбари листояди (Coleoptera: Chrysomelidae) на Врачанска планина**

ДИМИТЪР БЕЧЕВ, АНЕЛИЯ ПАВЛОВА

### **(Резюме)**

Обобщени са публикуваните данни за семейство Chrysomelidae във Врачанска планина и са добавени непубликувани досега данни за 82 вида. С това броят на установените за планината видове става 154, принадлежащи към 46 рода.