

Longhorn beetles (Coleoptera: Cerambycidae) in the Western Rhodopes (Bulgaria)

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Abstract. The cerambycid fauna (Coleoptera: Cerambycidae) of the Western Rhodopes was examined on the basis of published data. As a result, 161 species have been found and reported for the region. They belong to 5 subfamilies as follows: Prioninae – 5 species, Lepturinae – 47 species, Spondylidinae – 9 species, Cerambycinae – 52 species and Lamiinae – 48 species. Two species only are known from the Western Rhodopes: *Pedostrangalia emmipoda* and *Pogonocherus decoratus*. Eight species (*Cortodera discolor*, *Pachyta lamed*, *Anisarthron barbipes*, *Semanotus undatus*, *Glaphyra marmottani*, *Pedestredorcadion olympicum*, *Monochamus galloprovincialis pistor*, and *Tetrops starkii*) are very rare in Bulgaria.

Key words: Bulgaria, Western Rhodopes, Coleoptera, Cerambycidae, rare species

Introduction

The Cerambycid fauna (Coleoptera: Cerambycidae) of Bulgaria includes about 250 species (ANGELOV, 1995). Although this taxonomic group is well studied, there is lack of knowledge about the distribution of the species in different parts and regions of the country. This conclusion is also valid for the Bulgarian mountains. For example, only 52 cerambycid species are known in the Eastern Rhodopes (GEORGIEV et al., 2002, 2004a), and 90 species – in Strandzha mountain (GEORGIEV, STOJANOVA, 2003a, b; GEORGIEV et al., 2005a).

This paper presents species composition and localities of longhorn beetles in the Western Rhodopes in Bulgaria.

Material and Methods

The cerambycid fauna of the Western Rhodopes is studied on the basis of published data.

Table 1.

Species composition and localities of cerambycids in Western Rhodopes

Species	Locality		Author
	1	2	
Prioninae			
Ergatini			
<i>Ergates faber faber</i> (Linnaeus, 1761)	Asenovgrad		GEORGIEV et al. (2005b)
Macrotomini			
<i>Rhaesus serricollis</i> Motschulsky, 1838	Asenovgrad		ANGELOV (1995)
Megopidini			
<i>Aegosoma scabricorne</i> (Scopoli, 1763)	Belovo, Lukovitsa River near Asenovgrad, Asenovgrad		KANTARDJIEWA-MINKOVA (1932); GANEV (1986); GEORGIEV et al. (2005b)
Prionini			
<i>Prionus besicanus</i> Fairmaire, 1855	Asenovgrad, Markovo		KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967)
<i>Prionus coriarius</i> (Linnaeus, 1758)	Chepelare, Belovo, Yundola, Asenovgrad, Zdravets Hut, Ravnishta complex, Dobra voda Hut, Mine Persenk, Ustino, Bachkovo		KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984, 1985); SAMUELIAN (1998); GEORGIEV et al. (2005b)
Lepturinae			
Lepturini			
<i>Alosterna tabacicolor</i> (De Geer, 1775)	Belovo, Devin, Peshtera, Dorkovo, Yadenitsa River, Ruen hut, Satovcha		HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984, 1986); GEORGIEV et al. (2005b)
<i>Anastrangalia dubia</i> (Scopoli, 1763)	Chepelare, Asenovgrad, Manastir, Biala Cherkva, Eleshnitsa, Rakitovo, Velingrad, Shiroka poliana		HEYROVSKÝ (1931); ANGELOV (1964, 1967); GANEV (1985); GEORGIEV et al. (2005b)
<i>Anastrangalia sanguinolenta</i> (Linnaeus, 1761)	Chepelare, Asenovgrad, Studenets, Yundola, Biala cherkva, Eleshnitsa, Alabak above Velingrad, Shiroka poliana		HEYROVSKÝ (1931); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Etorufus pubescens</i> (Fabricius, 1787)	Chepelare, Chehliovo, Mine Persenk, Bachkovo, Velingrad		HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); GANEV (1984); DOYCHEV, GEORGIEV (2004); GEORGIEV et al. (2005b)
<i>Leptura aurulenta</i> Fabricius, 1792	Belovo, Halpatch near Chepelare, Yundola		KANTARDJIEWA-MINKOVA (1932); GANEV (1984, 1986)
<i>Leptura quadrifasciata</i> Linnaeus, 1758	Chepelare, Yundola		HEYROVSKÝ (1931); SAMUELIAN (1998)
<i>Lepturobosca virens</i> (Linnaeus, 1758)	Chehliovo, Belovo, Velingrad		KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967)

Table 1.
Continued.

1	2	3
<i>Pachytodes cerambyciformis</i> (Schrank, 1781)	Chehliovo, Asenovgrad, Hrabrino, Velingrad, Yundola, Chepelare, Narechen, Sveti Nikola, Dedovo	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GANEV (1985); GEORGIEV et al. (2005b)
<i>Pachytodes erraticus</i> (Dalman, 1817)	Bachkovo Monastery, Lapanitsa cave, Belovo, Markovo, Hrabrino, Yundola, Krichim, Asenovgrad, Velingrad	KANTARDJIEWA-MINKOVA (1932); MINKOVA (1957); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Paracorymbia fulva</i> (De Geer, 1775)	Chehliovo, Chepelare, Asenovgrad, Yundola, Dedovo, Bachkovo, Kanina River near Ognianovo	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1985); GEORGIEV et al. (2005b)
<i>Paracorymbia maculicornis</i> (De Geer, 1775)	Chepelare, Hrabrino, Rakitovo, Shiroka poliana	HEYROVSKÝ (1931); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Paracorymbia pallens</i> (Brullé, 1832)	Asenovgrad, Bachkovo, Alabak above Velingrad, Tapano above Bratsigovo	ANGELOV (1964, 1967, 1995); GEORGIEV et al. (2005b)
<i>Pedostrangalia emmipoda</i> (Mulsant, 1863)	Bachkovo Monastery	ANGELOV (1995)
<i>Pseudovadonia livida</i> (Fabricius, 1776)	Chepelare, Chehliovo, Bachkovo, Parvenets, Asenovgrad, Studenets, Sveti Nikola, Yundola, Dospat, Batak	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Rutpela maculata</i> (Poda, 1761)	Chehliovo, Belovo, Peshtera, Yundola, Asenovgrad, Narechen, Velingrad, Eleshnitsa	KANTARDJIEWA-MINKOVA (1932); MINKOVA (1957); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Stenurella bifasciata</i> (Müller, 1776)	Chepelare, Asenovgrad, Kuklen, Bratsigovo, Velingrad, Yundola, Velingrad, Bachkovo, Batak	HEYROVSKÝ (1931); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Stenurella melanura</i> (Linnaeus, 1758)	Chepelare, Asenovgrad, Bachkovo, Studenets, Batak, Yundola, Biala Cherkva, Velingrad, Bratsigovo, Shiroka poliana	HEYROVSKÝ (1931); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Stenurella nigra</i> (Linnaeus, 1758)	Peshtera, Batak, Krichim, Hrabrino, Asenovgrad, Narechen	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Stenurella septempunctata</i> (Fabricius, 1792)	Chepelare, Peshtera; Belovo, Batak, Bachkovo, Asenovgrad, Narechen, Hrabrino, Velingrad, Biala Cherkva, Dospat, Shiroka poliana	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Stictoleptura cordigera</i> (Füsslins, 1775)	Lukovitsa River near Asenovgrad, Pamporovo, Bachkovo	GANEV (1984, 1986); GEORGIEV et al. (2005b)

Table 1.

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1	2	3
<i>Stictoleptura erythroptera</i> (Hagenbach, 1822)	Asenovgrad	ANGELOV (1967, 1995)
<i>Stictoleptura rubra</i> (Linnaeus, 1758)	Chepelare, Chehliovo, Belovo, Zdravets hut, Mezargidik, Mine Persenk, Dedovo, Manastir, Yundola, Biala cherkva, Selishte, Velingrad	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984, 1985); SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Stictoleptura rufa</i> (Brullé, 1832)	Lukovitsa River near Asenovgrad	GANEV (1985)
<i>Stictoleptura scutellata</i> (Fabricius, 1781)	Foten, Peshtera, Biala cherkva, Dobra voda hut, Mine Persenk, Yadenitsa River, Borino	HEYROVSKÝ (1931); ANGELOV (1967); GANEV (1984, 1986); GEORGIEV et al. (2005b)
<i>Strangalia attenuata</i> (Linnaeus, 1758)	Belovo, Asenovgrad, Narechen, Hrabrino, Mine Persenk, Halpatch near Chepelare, Lukovitsa River near Asenovgrad, Velingrad, Dospat	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GANEV (1984); GEORGIEV et al. (2005b)
<i>Vadonia moesiaca</i> (K. Daniel et J. Daniel, 1891)	Hrabrino	ANGELOV (1964, 1967)
<i>Vadonia unipunctata</i> (Fabricius, 1787)	Hrabrino, Sveti Nikola, Krichim	ANGELOV (1964, 1967)
Oxymirini		
<i>Oxymirus cursor</i> (Linnaeus, 1758)	Belovo, Chudnite mostove, Selishte, Eleshnitsa	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GEORGIEV et al. (2005b)
Necydalini		
<i>Necydalis major</i> Linnaeus, 1758	Chepelare	GANEV (1986)
Rhagiini		
<i>Acmaeops pratensis</i> (Laicharting, 1784)	Chehliovo, Gjumiush chal, Velingrad, Biala cherkva, Eleshnitsa	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Anisorus quercus</i> (Götz, 1783)	The Rhodopes (without concrete locality)	ANGELOV (1995)
<i>Cortodera femorata</i> (Fabricius, 1787)	Studenets	ANGELOV (1967)
<i>Cortodera discolor</i> Fairmaire, 1866	Asenovgrad	GEORGIEV et al. (2005b)
<i>Cortodera flavimana</i> (Waltl, 1838)	Peshtera, Studenets, Yundola	ANGELOV (1967); SAMUELIAN (1998)
<i>Cortodera humeralis</i> (Schaller, 1783)	Rhodopes (without concrete locality)	KANTARDJIEWA-MINKOVA (1932)
<i>Dinoptera collaris</i> (Linnaeus, 1758)	Chehliovo, Peshtera, Batak, Krichim, Belovo, Velingrad, Asenovgrad	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Gaurotes (Carilia) virginea</i> (Linnaeus, 1758)	Chehliovo, Chepelare, Asenovgrad, Narechen, Chudnite mostove, Yundola, Beslet above Garmen, Ravnogor	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); SAMUELIAN (1998); GEORGIEV et al. (2005b)

Table 1.
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1	2	3
<i>Grammoptera ruficornis</i> (Fabricius, 1781)	Chepelare, Belovo	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932)
<i>Pachyta lamed</i> (Linnaeus, 1758)	Belovo, Selishte	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967)
<i>Pachyta quadrimaculata</i> (Linnaeus, 1758)	Chepelare, Belovo, Chehliovo, Shiroka Laka, Progled, Sarnitsa, Yundola	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Pidonía lurida</i> (Fabricius, 1792)	Chepelare, Yadenitsa River	GANEV (1984, 1986)
<i>Rhagium (Rhagium) bifasciatum</i> Fabricius, 1775	Belovo, Progled, Chudnite Mostove, Bashmandra, Chepelare, Yundola, Selishte	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984); SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Rhagium (Rhagium) inquisitor</i> (Linnaeus, 1758)	Belovo, Peshtera, Sjutka Peak, Gjumiush Chal, Chudnite Mostove, Progled, Chepelare, Yundola, Asenovgrad	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984); SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Rhagium (Megarhagium) mordax</i> (De Geer, 1775)	Belovo, Yadenitsa River, Asenovgrad	KANTARDJIEWA-MINKOVA (1932); GANEV (1986); GEORGIEV et al. (2005b)
<i>Rhagium (Megarhagium)</i> <i>sycophanta</i> (Schrank, 1781)	Belovo, Velingrad, Yundola	KANTARDJIEWA-MINKOVA (1932); SAMUELIAN (1998); DOYCHEV, GEORGIEV (2004)
<i>Rhamnusium bicolor</i> (Schrank, 1781)	Velingrad, Asenovgrad	ANGELOV (1995); GEORGIEV et al. (2005b)
Xylosteini		
<i>Xylosteus bartoni</i> Obenberger et Maøan, 1933	Zdravets Hut	ANGELOV (1995)
Spondylidinae		
Anisarthronini		
<i>Alocerus moesiacus</i> (Frivaldszky, 1838)	Yundola	SAMUELIAN (1998)
<i>Anisarthron barbipes</i> (Schrank, 1781)	Sveti Nikola	ANGELOV (1967)
Asemini		
<i>Arhopalus ferus</i> (Mulsant, 1839)	Yundola, Peshtera	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967)
<i>Arhopalus rusticus</i> (Linnaeus, 1758)	Chepelare, Chepinska Bania, Peshtera, Devin, Dedovo, Biala Cherkva, Yundola	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984, 1985); GEORGIEV et al. (2005b)

Table 1.

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1	2	3
<i>Asemum striatum</i> (Linnaeus, 1758)	Chehliovo, Vassil Kolarov dam, Yundola, Beglika, Biala cherkva	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1986); GEORGIEV et al. (2005b)
<i>Tetropium castaneum</i> (Linnaeus, 1758)	Chepino, Shiroka laka, Chepelare, Yundola, Beglika	KANTARDJIEWA-MINKOVA (1932); GANEV (1984); SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Tetropium fuscum</i> (Fabricius, 1787)	Chudnite mostove hut, Boykovo, Yundola	ANGELOV (1967); GANEV (1985, 1986); SAMUELIAN (1998)
Spondylidini		
<i>Saphanus piceus ganglbaueri</i> Brancsik, 1886	Yugovo near Asenovgrad	GEORGIEV et al. (2005b)
<i>Spondylis buprestoides</i> (Linnaeus, 1758)	Chepelare, Belovo, Studenets hut, Zdravets hut, Ruen hut, Asenovgrad, Selishte, Chala peak, Mine Persenk, Yundola, Sarnitsa, Biala cherkva	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GANEV (1984, 1986); SAMUELIAN (1998); GEORGIEV et al. (2005b)
Cerambycinae		
Callichromini		
<i>Aromia moschata</i> (Linnaeus, 1758)	Belovo	KANTARDJIEWA-MINKOVA (1932); MINKOVA (1957)
Callidiopini		
<i>Axinopalpis gracilis</i> (Krynicky, 1832)	Belovo, Asenovgrad	HEYROVSKÝ (1931); ANGELOV (1995)
Callidiini		
<i>Callidium aeneum</i> (De Deer, 1775)	Zdravets hut	ANGELOV (1967)
<i>Callidium violaceum</i> (Linnaeus, 1758)	Belovo, Bachkovo Monastery	KANTARDJIEWA-MINKOVA (1932); MINKOVA (1957)
<i>Phymatodes testaceus</i> (Linnaeus, 1758)	Peshtera, Batak, Krichim, Asenovgrad, Ravnishta complex, Bachkovo	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Poecilium alni</i> (Linnaeus, 1767)	Chepelare, Bania near Chepino	KANTARDJIEWA-MINKOVA (1932)
<i>Poecilium fasciatum</i> (Villers, 1789)	Asenovgrad, Bachkovo	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Poecilium pusillum</i> (Fabricius, 1787)	Bachkovo	ANGELOV (1964, 1967)
<i>Pyrrhidium sanguineum</i> (Linnaeus, 1758)	Yundola, Asenovgrad	SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Ropalopus clavipes</i> (Fabricius, 1775)	Belovo, Asenovgrad, Zdravets hut, Peshtera, Velingrad, Yundola, Bachkovo	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); SAMUELIAN (1998); GEORGIEV et al. (2005b)

Table 1.
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1	2	3
<i>Ropalopus macropus</i> (Germar, 1824)	Asenovgrad	KANTARDJIEWA-MINKOVA (1932)
<i>Semanotus undatus</i> (Linnaeus, 1758)	Chepelare	GUTOWSKI (1985)
Cerambycini		
<i>Cerambyx cerdo</i> Linnaeus, 1758	Asenovgrad, Narechen, Bachkovo	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Cerambyx dux</i> (Faldermann, 1837)	Asenovgrad	ANGELOV (1967, 1995)
<i>Cerambyx miles</i> Bonelli, 1823	Bachkovo Monastery, Belovo, Asenovgrad, Narechen, Ruen hut, Velingrad	KANTARDJIEWA-MINKOVA (1932); MINKOVA (1957); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Cerambyx nodulosus</i> Germar, 1817	Markovo	ANGELOV (1967)
<i>Cerambyx scopoli</i> Füsslins, 1775	Asenovgrad, Krichim, Bachkovo	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
Clytini		
<i>Anaglyptus mysticus</i> (Linnaeus, 1758)	Belovo, Rakitovo, Batak, Markovo, Teshel	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967)
<i>Chlorophorus figuratus</i> (Scopoli, 1763)	Peshtera, Batak, Foten, Bachkovo, Mine Persenk	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GANEV (1984)
<i>Chlorophorus herbsti</i> (Brahm, 1790)	Mine Persenk, Lukovitsa river near Asenovgrad, Narechen baths	GANEV (1984, 1985); ANGELOV (1967)
<i>Chlorophorus hungaricus</i> Seidlitz, 1891	Asenovgrad	ANGELOV (1967)
<i>Chlorophorus sartor</i> (Müller, 1766)	Velingrad, Belovo, Markovo, Asenovgrad, Lukovitsa River near Asenovgrad, Kanina River near Ognianovo	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GANEV (1984); GEORGIEV et al. (2005b)
<i>Chlorophorus trifasciatus</i> (Fabricius, 1781)	Asenovgrad	ANGELOV (1964, 1995)
<i>Chlorophorus varius</i> (Müller, 1766)	Narechen, Hrabrino, Bachkovo	ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Clytus arietis</i> (Linnaeus, 1758)	Belovo	KANTARDJIEWA-MINKOVA (1932)
<i>Clytus lama</i> Mulsant, 1847	Velingrad, Ustina	ANGELOV (1967); GANEV (1985)
<i>Clytus rhamni</i> Germar, 1817	Chehliovo, Chepelare, Markovo, Asenovgrad; Bratsigovo, Velingrad, Sveti Nikola, Ustina, Bachkovo	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1932); ANGELOV (1964, 1967); GANEV (1984, 1985); GEORGIEV et al. (2005b)

Table 1.

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1	2	3
<i>Plagionotus arcuatus</i> (Linnaeus, 1758)	Asenovgrad, Yundola, Izgorialoto Giune Reserve near Krichim	ANGELOV (1964, 1967); SAMUELIAN (1998); GEORGIEV et al. (2005b)
<i>Plagionotus detritus</i> (Linnaeus, 1758)	Zdravets Hut	ANGELOV (1967)
<i>Plagionotus floralis</i> (Pallas, 1773)	Peshtera, Bratsigovo, Bachkovo, Izgorialoto Giune Reserve near Krichim	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Xylotrechus antilope</i> (Schönherr, 1817)	Markovo	ANGELOV (1967)
<i>Xylotrechus arvicola</i> (Olivier, 1795)	Krichim	ANGELOV (1964, 1967)
<i>Xylotrechus rusticus</i> (Linnaeus, 1758)	Belovo, Parvenets	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1967)
Deilini		
<i>Deilus fugax</i> (Olivier, 1790)	Asenovgrad, Peshtera, Eleshnitsa	ANGELOV (1964, 1967, 1995); GEORGIEV et al. (2005b)
Graciliini		
<i>Gracilia minuta</i> (Fabricius, 1781)	Asenovgrad	ANGELOV (1995)
<i>Stromatium unicolor</i> (Olivier, 1795)	Boykovo	ANGELOV (1967)
<i>Trichoferus griseus</i> (Fabricius, 1792)	Dedovo	ANGELOV (1967)
<i>Trichoferus pallidus</i> (Olivier, 1790)	Asenovgrad	ANGELOV (1995)
Hylotruperini		
<i>Hylotrupes bajulus</i> (Linnaeus, 1758)	Chepelare, Dedovo, Zdravets Hut, Bachkovo, Shiroka Laka, Kanina River near Ognianovo	HEYROVSKÝ (1931); ANGELOV (1967); GEORGIEV et al. (2005b)
Molorchini		
<i>Glaphyra marmottani</i> (Brisout, 1863)	Bachkovo	DOYCHEV, GEORGIEV (2004)
<i>Glaphyra umbellatarum</i> (Schreber, 1759)	Pestera, Pamporovo	ANGELOV (1967)
<i>Molorchus minor</i> (Linnaeus, 1758)	Pamporovo, Dospat, Satovcha, Ravnogor, Devin	ANGELOV (1967); GEORGIEV et al. (2005b)
Obrini		
<i>Obrium brunneum</i> (Fabricius, 1792)	Selishte	ANGELOV (1988)
<i>Obrium cantharinum</i> (Linnaeus, 1767)	The Rhodopes (without concrete locality), Asenovgrad	KANTARDJIEWA-MINKOVA (1932); ANGELOV (1995)
Purpuricenini		
<i>Purpuricenus budensis</i> (Götz, 1783)	Krichim, Asenovgrad, Lukovitsa River near Asenovgrad, Yundola	ANGELOV (1964, 1967); GANEV (1985); SAMUELIAN (1998)
<i>Purpuricenus globulicollis</i> Dejean, 1839	Asenovgrad, Mine Persenk	ANGELOV (1964); GANEV (1984)
<i>Purpuricenus kaehleri</i> (Linnaeus, 1758)	Asenovgrad, Lukovitsa River near Asenovgrad	ANGELOV (1967); GANEV (1985)

Table 1.
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1	2	3
Rosaliini		
<i>Rosalia alpina</i> (Linnaeus, 1758)	Belovo, Chepino, Lapanitsa River, Halpatch near Chepelare	KANTARDJIEWA-MINKOVA (1932); GANEV (1984)
Stenopterini		
<i>Callimellum angulatum</i> (Schrank, 1789)	Belovo, Mine Persenk	KANTARDJIEWA-MINKOVA (1932); GANEV (1986)
<i>Lampropterus femoratus</i> (Germar, 1824)	Yundola	SAMUELIAN (1998)
<i>Stenopterus flavicornis</i> Küster, 1846	Bachkovo	GEORGIEV et al. (2005b)
<i>Stenopterus rufus</i> (Linnaeus, 1767)	Asenovgrad, Bratsigovo, Peshtera, Bachkovo, Yundola	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
Lamiinae		
Acanthocinini		
<i>Acanthocinus aedilis</i> (Linnaeus, 1758)	Boykovo, Rhodopes (without concrete locality), Biala Cherkva	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); GEORGIEV et al. (2005b)
<i>Acanthocinus griseus</i> (Fabricius, 1792)	Boykovo, Yugovo near Asenovgrad, Martsiganitsa Hut	ANGELOV (1967); GEORGIEV ET AL. (2005b)
<i>Exocentrus lusitanus</i> (Linnaeus, 1767)	Bachkovo	GEORGIEV et al. (2005b)
<i>Leiopus femoratus</i> Fairmaire, 1859	Zdravets hut	ANGELOV (1967)
<i>Leiopus nebulosus</i> (Linnaeus, 1758)	Asenovgrad	ANGELOV (1967)
Acanthoderini		
<i>Aegomorphus clavipes</i> (Schrank, 1781)	Belovo	KANTARDJIEWA-MINKOVA (1934)
Agapanthiini		
<i>Agapanthia dabli</i> (Richter, 1821)	Chepelare, Peshtera, Belovo, Lukovitsa river near Asenovgrad, Asenovgrad, Sveti Nikola	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Agapanthia kirbyi</i> (Gyllenhal, 1817)	Bachkovo, Belashtitsa, Asenovgrad, Satovcha	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Agapanthia violacea</i> (Fabricius, 1775)	Asenovgrad, Bachkovo Monastery, Markovo	ANGELOV (1964); GEORGIEV et al. (2005b)
<i>Agapanthia villosoviridescens</i> (De Geer, 1775)	Belovo, Ruen Hut, Bachkovo Monastery, Yadenitsa River	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); GANEV (1985, 1986)
<i>Agapanthiola leucaspis</i> (Steven, 1817)	The Rhodopes (without concrete locality)	KANTARDJIEWA-MINKOVA (1934)
<i>Calamobius filum</i> (Rossi, 1790)	Asenovgrad	ANGELOV (1967)
Dorcadiini		
<i>Neodorcadion bilineatum</i> (Germar, 1824)	Belovo, Peshtera, Krichim, Markovo, Dobra Voda Hut	HEYROVSKÝ (1931); MINKOVA (1961); ANGELOV (1964); GANEV (1986)
<i>Carinatodorcadion aethiops</i> (Scopoli, 1763)	Peshtera, Perushtitsa, Belovo	KANTARDJIEWA-MINKOVA (1934); MINKOVA (1961)

Table 1.

Continued.

1	2	3
<i>Carinatodorcadion fulvum</i> (Scopoli, 1763)	Yundola	SAMUELIAN (1998)
<i>Pedestredorcadion axillare</i> (Küster, 1847)	Belovo, Zdravets Hut	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967)
<i>Pedestredorcadion olympicum</i> (Kraatz, 1873)	C. Rhodopes (without concrete locality), Foten	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1934)
<i>Pedestredorcadion pedestre</i> (Poda, 1761)	Asenovgrad, Belovo, Krichim, Peshtera, Batak, Krichim, Zdravets hut, Bezovo Hut, Mihalkovo, Yundola	HEYROVSKÝ (1931); MINKOVA (1961); ANGELOV (1964, 1967); SAMUELIAN (1998)
<i>Pedestredorcadion sturmi</i> (Frivaldszky, 1837)	Krichim, Belovo	KANTARDJIEWA-MINKOVA (1934); MINKOVA (1961)
<i>Pedestredorcadion tauricum</i> (Waltl, 1838)	Belovo	MINKOVA (1961)
Lamiini		
<i>Lamia textor</i> (Linnaeus, 1758)	Chehliovo, Belovo, Bezovo Hut, Asenovgrad	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967)
<i>Morinus asper funereus</i> (Mulsant, 1862)	Asenovgrad, Bachkovo, Sveti Nikola, Zdravets Hut, Peshtera, Markovo, Ruen Hut, Yundola, Chervenata Stena reserve above Bachkovo	ANGELOV (1964, 1967); SAMUELIAN (1998); GEORGIEV et al. (2005b)
Mesosini		
<i>Mesosa curculionoides</i> (Linnaeus, 1761)	Belovo, Bachkovo	KANTARDJIEWA-MINKOVA (1934); DOYCHEV, GEORGIEV (2004)
Monochamini		
<i>Monochamus galloprovincialis pistor</i> (Germar, 1818)	Chehliovo, Beglika, Selishte, Широка poliana, Trigrad	TSCHORBADJIEFF (1927); STEFANOV (1948a, b); GEORGIEV et al. (2005b)
<i>Monochamus sartor</i> (Fabricius, 1787)	Chepelare, Belovo	KANTARDJIEWA-MINKOVA (1934)
<i>Monochamus sutor</i> (Linnaeus, 1758)	Selishte, Yundola, Sarnitsa, Biala Cherkva, Eleshnitsa	ANGELOV (1967); SAMUELIAN (1998); GEORGIEV et al. (2005b)
Obereini		
<i>Oberea (Amaurostoma) erythrocephala</i> (Schrank, 1776)	Asenovgrad, Sveti Nikola	ANGELOV (1964, 1967)
<i>Oberea (Oberea) linearis</i> (Linnaeus, 1761)	Bachkovo	ANGELOV (1964, 1967); GEORGIEV et al. (2005b)
<i>Oberea (Oberea) oculata</i> (Linnaeus, 1758)	Chepelare, Dobra Voda Hut, Sarnitsa, Dospat, Trigrad, Biala Cherkva	GANEV (1986); GEORGIEV et al. (2005b)

Table 1.
Continued.

1	2	3
Phytoeciini		
<i>Musaria affinis</i> (Harrer, 1784)	Chepelare, Halpatch near Chepelare, Smolian, Pamporovo, Biala Cherkva, Rakitovo, Shiroka popiana	HEYROVSKÝ (1931); KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); GANEV (1984, 1986); BRINGMANN (1998); GEORGIEV et al. (2005b)
<i>Opsilia coerulescens</i> (Scopoli, 1763)	Asenovgrad, Bachkovo Monastery, Krichim, Ruen Hut, Peshtera, Zdravets Hut, Sveti Nikola, Lukovitsa River near Asenovgrad, Trigrad	ANGELOV (1964, 1967); GANEV (1985); GEORGIEV et al. (2005b)
<i>Oxyilia duponcheli</i> (Brullé, 1832)	Asenovgrad	ANGELOV (1967)
<i>Phytoecia caerulea</i> (Scopoli, 1772)	Bachkovo, Ognjanovo	ANGELOV (1967)
<i>Phytoecia cylindrica</i> (Linnaeus, 1758)	Bachkovo, Asenovgrad	HEYROVSKÝ (1931); ANGELOV (1964, 1967)
<i>Phytoecia nigricornis</i> (Fabricius, 1781)	Belovo, Peshtera	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967)
<i>Phytoecia pubescens</i> Pic, 1895	Asenovgrad	ANGELOV (1987)
<i>Phytoecia pustulata</i> (Schrank, 1776)	Asenovgrad	ANGELOV (1967)
<i>Phytoecia virgula</i> (Charpentier, 1825)	Belovo, Asenovgrad, Bachkovo, Sitovo	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1964, 1967)
<i>Pilemia hirsutula</i> (Frölich, 1793)	Asenovgrad, Bachkovo, Bratsigovo	HEYROVSKÝ (1931); ANGELOV (1967); GEORGIEV et al. (2005b)
Pogonocherini		
<i>Pogonocherus decoratus</i> Fairmaire, 1885	Zdravets Hut, Martsiganitsa Hut	ANGELOV (1989); DOYCHEV, GEORGIEV (2004)
<i>Pogonocherus fasciculatus</i> (De Geer, 1775)	Asenovgrad, Chudnite Mostove, Bachkovo, Batak, Velingrad	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); BRINGMANN, DOERING (2001); GEORGIEV et al. (2005b)
Saperdini		
<i>Saperda carcharias</i> (Linnaeus, 1758)	Belovo, Zdravets Hut, Boykovo, Chepelare	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); GANEV (1985, 1986)
<i>Saperda octopunctata</i> (Scopoli, 1772)	Belovo, Bachkovo	KANTARDJIEWA-MINKOVA (1934); GEORGIEV et al. (2005b)
<i>Saperda populnea</i> (Linnaeus, 1758)	Chepelare, Asenovgrad	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1967); GEORGIEV et al. (2004b)
<i>Saperda scalaris</i> (Linnaeus, 1758)	Bachkovo Monastery, Asenovgrad	KANTARDJIEWA-MINKOVA (1934); ANGELOV (1964, 1967)

Table 1.
Continued.

1	2	3
<i>Stenostola ferrea</i> (Schrank, 1776)	Belovo, Lukovitsa River near Asenovgrad	KANTARDJIEWA-MINKOVA (1934); GEORGIEV et al. (2005b)
Tetropini		
<i>Tetrops praeustus</i> (Linnaeus, 1758)	Asenovgrad, Studenets	ANGELOV (1967)
<i>Tetrops starkii</i> Chevrolat, 1859	Asenovgrad	GEORGIEV et al. (2005b)

Results and Discussion

Until now 161 species of longhorn beetles (**Coleoptera: Cerambycidae**) have been found and reported in the Western Rhodopes (Table 1). They belong to 5 subfamilies, 37 tribes, and 88 genera as follows: **Prioninae** – 4 tribes, 4 genera and 5 species; **Lepturinae** – 5 tribes, 27 genera and 47 species; **Spondylidinae** – 3 tribes, 7 genera and 9 species; **Cerambycinae** – 13 tribes, 27 genera and 52 species; **Lamiinae** – 12 tribes, 23 genera and 48 species.

The predominant part of cerambycids are common and widespread in Bulgaria (ANGELOV, 1995). However, two species only are known from the Western Rhodopes: *Pedostrangalia emmipoda* (Mulsant) and *Pogonocherus decoratus* Fairmaire. Another 8 species are very rare in the country: *Cortodera discolor* Fairmaire, *Pachyta lamed* (Linnaeus), *Anisarthron barbipes* (Schrank), *Semanotus undatus* (Linnaeus), *Glaphyra marmottani* (Brisout), *Pedestredorcadion olympicum* (Kraatz), *Monochamus galloprovincialis pistor*, and *Tetrops starkii* Chevrolat. With the exception of the Western Rhodopes, *C. discolor* is found in Burgas and Sakar Mt. (KANTARDJIEWA-MINKOVA, 1932; MINKOVA, 1957), *P. lamed* – in Borovets (Rila Mt.) (KANTARDJIEWA-MINKOVA, 1932), *A. barbipes* – in the region of Sofia and Struma Valley (ANGELOV, 1995), *S. undatus* – in Bistrishko branishte Reserve (Vitosha Mt.) (MIGLIACCIO et al., 2004), *G. marmottani* – in Chamdzha Reserve (Central Balkan Range) (GEORGIEV et al., 2005a), *P. olympicum* – in the region of Pazardzhik (HEYROVSKY, 1931; KANTARDJIEWA-MINKOVA, 1934), *M. galloprovincialis pistor* – in Sofia and Stara Zagora (KANTARDJIEWA-MINKOVA, 1934, GANEV, 1985), and *T. starkii* – in Slavianka Mt. (KANTARDJIEWA-MINKOVA, 1934).

In conclusion it must be noted that the longhorn beetles of the Western Rhodopes are very well studied. Cerambycid fauna of the region contains about 65% of all group species found in Bulgaria. A significant part of the remaining cerambycids occurs mainly in the lowland and the hilly zone of the country (0-600 m a.s.l.) and, therefore, only few species could be established additionally as occurring in this mountain.

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Сечковци (Coleoptera: Cerambycidae) от Западните Родопи (България)

Георги ГЕОРГИЕВ, Enrico MIGLIACCIO, Данаил ДОЙЧЕВ

(Р е з ю м е)

Церамбицидната фауна (Coleoptera: Cerambycidae) на Западните Родопи е проучена по литературни данни. Общо 161 вида, принадлежащи към 88 рода, 37 трибуса и 5 подсемейства са намирани и съобщавани за района. По подсемейства видовете се разпределят по следния начин: Prioninae – 5 вида, Lepturinae – 47 вида, Spondylidinae – 9 вида, Cerambycinae – 52 вида и Lamiinae – 48 вида. Два вида са известни за страната само от Западните Родопи: *Pedostrangalia emnipoda* и *Pogonocherus decoratus*. Осем вида (*Cortodera discolor*, *Pachyta lamed*, *Anisarthron barbipes*, *Semanotus undatus*, *Glaphyra marmottani*, *Pedestredorcadion olympicum*, *Monochamus galloprovincialis pistor* и *Tetrops starkii*) са много редки в България.