

A CHECK LIST AND AREOGRAPHY OF LONGHORN BEETLES (COLEOPTERA: CERAMBYCIDAE) IN STRANDZHA MOUNTAIN – BULGARIA AND TURKEY

*Georgi Georgiev*¹, *Denis Gradinarov*², *Ilija Gjonov*³, *Vladimir Sakalian*³

¹Forest Research Institute – Sofia
Bulgarian Academy of Sciences

²St. Kliment Ohridski Sofia University, Biological Faculty

³Institute of Biodiversity and Ecosystem Research – Sofia
Bulgarian Academy of Sciences

Abstract

Analysis of literature and original data showed that the complex of longhorn beetles in Strandzha Mt. includes 154 taxa from five subfamilies: Prioninae (4 species), Lepturinae (45 species and subspecies), Spondylidinae (3 species and subspecies), Cerambycinae (49 species and subspecies) and Lamiinae (53 species and subspecies). In Bulgarian part of the mountain, 136 taxa were reported, and in Turkish – 80 taxa. Fourteen species and subspecies were established for first time in Bulgarian part. One taxa (*Rutpela maculata manca*) is a new for Bulgarian cerambycid fauna. The dominance of nemoral forest allows highest percentage of the taxa of European complex in the region (33.1%). The location of Strandzha near the Sea coasts in southeast part of Balkan Peninsula is cause to very well presentation of Mediterranean species (27.3%). The cerambycids from Iranoturanian complex together with European-Anatolian and Balkan-Anatolian categories (58 taxa – 37.6%) demonstrate the connection between European, Asian Minorian and South-West Asian faunas. They underlined the position of Strandzha as one of the main roads of such taxa migration.

Key words: Strandzha Mt., Cerambycidae, areography, Bulgaria, Turkey

INTRODUCTION

Strandzha is located in the eastern part of Thrace lowland, at the border between Bulgaria and Turkey. It is a low mountain which highest peak (Mahya Dağ, 1031 m a.s.l.) is situated in Turkish part. Forests are of Euxinian type formed by deciduous tree and shrub species.

The longhorn beetles (Coleoptera: Cerambycidae) in Bulgarian part are relatively well studied (Georgiev, Stojanova, 2003a, b; Georgiev et al., 2005; Rapuzzi, Georgiev, 2007; etc.). Information about finding of different species in Turkish part is scattered in different publications (Özdikmen, 2007, 2008). Recently, a special study on cerambycid fauna of Strandzha Mt. was conducted and 73 species were reported among which 13 and 22 new records for Bulgarian and Turkish part, respectively (Georgiev et al., 2015).

The aim of this study is to report all known data about distribution of cerambycids in Strandzha as well as to represent new records of longhorn beetles in Bulgarian part of the region and to make areographic analysis of cerambycid fauna of the mountain.

MATERIAL AND METHODS

The present work is based on literature data and unpublished original research results. The longhorn beetles are listed in systematic order, by the system of Danilevsky (2017), without indicated tribes.

The new taxa for Strandzha are marked with an asterisk (*), and for Bulgarian part of the mountain – with a black dot (●).

The zoogeographical characterization of longhorn beetles was made on the basis of recent taxa distribution (Danilevsky, 2017). According to Georgiev, Hubenov (2006) and Sakalian, Langourov (2007) conceptions, the established taxa are arranged in 20 chorotypes (areographic categories).

The cerambycids found in original studies are deposited in zoological collection of Sofia University 'St. Kliment Ohridski', Faculty of Biology (BFUS).

RESULTS

The total number of cerambycid taxa in Strandzha Mt. is 154 from five subfamilies: Prioninae (4 species), Lepturinae (45 species and subspecies), Spondylidinae (3 species and subspecies), Cerambycinae (49 species and subspecies) and Lamiinae (53 species and subspecies). In Bulgarian part of the mountain, 136 taxa have been collected and reported, and in Turkish – 80 taxa.

Prioninae

Aegosoma scabricorne (Scopoli, 1763)

Bulgaria: Gramatikovo (Ganev, 1984), Primorsko (Angelov, 1967; Ganev, 1985), Maslen nos lok. (Ganev, 1985). New data: near Kosti vill., St. Ilija place, 42°03.386'N, 27°45.860'E, 35 m a.s.l., riverside meadows, 9 July – 12 August 2010, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Turkey: İğneada (Özdikmen, 2008).

Chorotype: European-Iranian.

Mesoprionus besikanus (Fairmaire, 1855)

Bulgaria: racilis Sozopol, Ropotamo River (Minkova, 1957).

Chorotype: East Mediterranean.

Prionus coriarius (Linnaeus, 1758)

Bulgaria: Primorsko (Ganev, 1985), Stoilovo (Siering, Beier, 2005). New data: near Balgari vill., Marina Reka Protected Area, 42°06.695'N, 27°45.883'E, 180 m a.s.l., beech-oak forest, 9 July – 12 August 2010, 1 ♂, 4 ♀♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; near Malko Tarnovo town, Propada place, 41°58.826'N, 27°29.428'E, 400 m a.s.l., beech forest, 9 July – 12 August 2010, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Turkey: Demirköy, Sivrililer near İğneada-Saka lake (Özdikmen, 2007, 2008).

Chorotype: West Palaearctic.

Rhaesus serricollis (Motschulsky, 1838)

Bulgaria: Kalovo (Heyrovsky, 1940), Kiten (Minkova, 1957), Primorsko (Ganev, 1985), Varvara (Georgiev et al., 2015).

Chorotype: East European-Iranian.

Lepturinae

Alosterna tabacicolor tabacicolor (DeGeer, 1775)

Bulgaria: Bossna hills (Rapuzzi, Georgiev, 2007), Malko Tarnovo, Primorsko, Sredets, Varvara, Fazanovo (Georgiev et al., 2015). New data: 1.5 km S of Izgrev vill., 42°07.796'N, 27°48.043'E, 120 m a.s.l., 9 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Pinarhisar, Kiyiköy (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Anastrangalia sanguinolenta (Linnaeus, 1760)

Bulgaria: Indzhe voyvoda (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Anoplodera (Anoplodera) rufipes rufipes (Schaller, 1783)

Bulgaria: Stoilovo (Siering, Beier, 2005), Indzhe voyvoda, Rezovo (Georgiev et al., 2015).

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: European.

Anoplodera (Anoplodera) sexguttata (Fabricius, 1775)

Bulgaria: Strandzha Mt. (Heyrovský, 1931; Kantardjiewa-Minkova, 1932), Bossna hills (Rapuzzi, Georgiev, 2007), Zvezdets (Georgiev et al., 2015).

Chorotype: Euromediterranean.

Grammoptera (Grammoptera) abdominalis (Stephens, 1831)

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: European-Iranian.

Grammoptera (Grammoptera) ruficornis ruficornis (Fabricius, 1781)

Bulgaria: Arcutino (Siering, Beier, 2005), Primorsko, Sinemorets (Georgiev et al., 2015). New data: Popovi skali place, 4 km S of Fazanovo vill., 42°09.618'N, 27°44.236'E, 70 m a.s.l., 10 May 2012, 2 ♂♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: European-Anatolian.

Grammoptera (Grammoptera) ustulata ustulata (Schaller, 1783)

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: European-Anatolian.

Leptura (Leptura) aurulenta Fabricius, 1793

Bulgaria: Sredets (Kantardjiewa-Minkova, 1932).

Chorotype: Euromediterranean.

Leptura (Leptura) quadrifasciata quadrifasciata Linnaeus, 1758

Bulgaria: Tsarevo (Georgiev et al., 2005).

Turkey: Yaliköy (Georgiev et al., 2015).

Chorotype: Transpalearctic.

Pachytodes cerambycifformis (Schrank, 1781)

Bulgaria: Malko Tarnovo, Brodilovo (Angelov, 1967), Bossna hills (Rapuzzi, Georgiev, 2007).

Chorotype: European.

Pachytodes erraticus (Dalman, 1817)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Gramatikovo, Balgari (Kantardjiewa-Minkova, 1932), Malko Tarnovo (Angelov, 1967), Izgrev, Balgari (Georgiev, Stojanova, 2003), Bossna hills (Rapuzzi, Georgiev, 2007), Zvezdets (Georgiev et al., 2015). New data: Rosenets park, 3.5 km NW of Atia vill., 42°26.075'N, 27°32.258'E, 20 m a.s.l., oak forest, 7 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 4 ♂♂, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 0.5 km SW of Stoilovo vill., 42°01.917'N, 27°30.779'E, 210 m a.s.l., riverside meadows, 12 July 2017, 3 ♂♂, 8 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy, Sivrililer (Saka lake) (Özdikmen, 2007, 2008).

Chorotype: European-Iranian.

Pedostrangalia (Pedostrangalia) revestita (Linnaeus, 1767)

Turkey: Kizilağaç (Georgiev et al., 2015).

Chorotype: European.

Pedostrangalia (Neosphenalia) verticalis (Germar, 1822)

Bulgaria: Strandzha Mt. (Angelov, 1995), Primorsko, Tsarevo (Simandl, 2002), Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Sinemorets, Rezovo (Georgiev et al., 2015).

Chorotype: Balkan-Anatolian.

Pseudovadonia livida livida (Fabricius, 1777)

Bulgaria: Velika, Sinemorets, Izgrev (Georgiev, Stojanova, 2003), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Sinemorets, Fazanovo (Georgiev et al., 2015). New data: 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 3 ♂♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007, 2008), Pinarhisar, Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: European.

**Pseudovadonia livida setosa* Danilevsky, 2013

Bulgaria, new data: 1.5 km NE of Zidarovo vill., 42°20.477'N, 27°24.678'E, 40 m a.s.l., 12 May 2012, 4 ♂♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; Rosenets park, 3.5 km NW of Atia vill., 42°26.075'N, 27°32.258'E, 20 m, oak forest, 7 July 2017,

1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Chorotype: East European-Iranian.

Rutpela maculata maculata (Poda von Neuhaus, 1761)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Rezovo, Brodilovo (Kantardjiewa-Minkova, 1932; Angelov, 1967), Zvezdets (Georgiev et al., 2015).

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: European-Anatolian.

**Rutpela maculata manca* (Schaufuss, 1863)

Bulgaria, new data: near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Chorotype: North Mediterranean.

Stenurella (NigroStenurella) nigra nigra (Linnaeus, 1758)

Bulgaria: Ropotamo River (Angelov, 1967), Sinemorets (Georgiev, Stojanova, 2003), Arcutino, Stoilovo (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Varvara, Biala voda, Sinemorets, Fazanovo, Sredets (Georgiev et al., 2015). New data: 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 3.5 km SW of Fazanovo vill., 42°11.067'N, 27°41.047'E, 165 m a.s.l., 10 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE Fazanovo vill., 42°10.838'N, 27°44.167'E, 100 m a.s.l., 10 May 2012, 2 ♂♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Kiyiköy, Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Stenurella (Priscostenurella) bifasciata bifasciata (O. F. Müller, 1776)

Bulgaria: Tsarevo, Balgari, Izgrev (Georgiev, Stojanova, 2003), Bossna hills (Rapuzzi, Georgiev, 2007), Sinemorets (Georgiev et al., 2015). New data: near Sinemorets vill., Silistar Protected Area, 42°01.512'N, 28°00.423'E, 20 m a.s.l., oak forest, 8 May 2009 – 8 June 2009, 2 ♂♂, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 3 ♂♂, 4 ♀♀, hand collection, D. Gradinarov leg. et det.; near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 1 ♂, 3 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: West Eurosiberian.

Stenurella (Priscostenurella) septempunctata septempunctata (Fabricius, 1793)

Bulgaria: Brodilovo (Kantardjiewa-Minkova, 1932), Tsarevo, Sinemorets, Izgrev (Georgiev, Stojanova, 2003), Bossna hills (Rapuzzi, Georgiev, 2007).

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: European.

Stenurella (Priscostenurella) septempunctata latenigra (Pic, 1915)

Bulgaria: Bossna hills (reported as *Stenurella septempunctata anatolica*) (Rapuzzi, Georgiev, 2007). New data: near Balgari vill., Marina Reka Protected Area, 42°06.695'N, 27°45.883'E, 180 m a.s.l., beech-oak forest, 27 May 2010 – 9 July 2010, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; 0.5 km SW of Stoilovo vill., 42°01.917'N, 27°30.779'E, 210 m a.s.l., riverside meadows, 12 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Chorotype: Pontomediterranean.

Stenurella (Stenurella) melanura melanura (Linnaeus, 1758)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Balgari (Georgiev, Stojanova, 2003), Varvara, Fakia (Georgiev et al., 2015).

Turkey: Demirköy (Özdikmen, 2008).

Chorotype: Transpalaeartic.

Stenurella (Stenurella) melanura samai Rapuzzi, 1995

Bulgaria: Bossna hills (reported as *Stenurella samai*) (Rapuzzi, Georgiev, 2007). New data: near Bliznak vill., Bataka Protected Area, 42°11.621'N, 27°19.597'E, 325 m a.s.l., oak forest, 27 May 2010 – 9 July 2010, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; near Balgari vill., Marina Reka Protected Area, 42°06.695'N, 27°45.883'E, 180 m a.s.l., beech-oak forest, 27 May 2010 – 9 July 2010, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m, seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; 0.5 km SW of Stoilovo vill., 42°01.917'N, 27°30.779'E, 210 m a.s.l., riverside meadows, 12 July 2017, 4 ♂♂, 4 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 10 ♂♂, 3 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 13 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 4.5 km NE of Zvezdets vill., 42°09.024'N, 27°26.397'E, 170 m a.s.l., roadside verge, 12 July 2017, 6 ♂♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 1.5 km E of Indzhe voyvoda vill., 42°13.288'N, 27°26.249'E, 300 m a.s.l., meadows next to an oak forest, 12 July 2017, 2 ♀♀, hand collection, Y. Petrova et D. Gradinarov leg., D. Gradinarov det.; road between Zidarovo and Varshilo vill., 42°18.257'N, 27°23.075'E, 40 m a.s.l., roadside verge, 16 July 2017, 1 ♂, hand collection, Y. Petrova leg., D. Gradinarov det.

Chorotype: Balkan-Anatolian.

Stictoleptura (Batesiata) tesserula (Charpentier, 1825)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940). New data: 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; road between Zidarovo and Varshilo vill., 42°18.257'N, 27°23.075'E, 40 m a.s.l., roadside verge, 16 July 2017, 1 ♂, hand collection, Y. Petrova leg., D. Gradinarov det.

Chorotype: Pontomediterranean.

Stictoleptura (Maculileptura) maculicornis (DeGeer, 1775)

Turkey: Kizilağaç (Georgiev et al., 2015).

Chorotype: European.

Stictoleptura (Maculileptura) pallens (Brullé, 1832)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Rezovo (Kantardjiewa-Minkova, 1932), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Indzhe voyvoda, Varvara, Fazanovo (Georgiev et al., 2015). New data: 2 km SE of Fazanovo vill., 42°10.838'N, 27°44.167'E, 100 m a.s.l., 10 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2008).

Chorotype: Balkan-Anatolian.

Stictoleptura (Melanoleptura) scutellata scutellata (Fabricius, 1781)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Ahtopol, Malko Tarnovo, Gramatikovo, Ruzhitsa (Kantardjiewa-Minkova, 1932).

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: European.

Stictoleptura (Paracorymbia) fulva (DeGeer, 1775)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Strandzha Mt. (Kantardjiewa-Minkova, 1932), Gramatikovo (Rapuzzi, Georgiev, 2007). New data: Rosenets Park, 2 km NW of Atia vill., 42°26.805'N, 27°33.405'E, 20 m a.s.l., seaside alley, 3 July 2017, 1 ♂, hand collection, D. Gradinarov leg. et det.; Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 7 ♂♂, 3 ♀♀, hand collection, D. Gradinarov leg. et det.; Pismenovo vill., 42°13.125'N, 27°40.376'E, 130 m a.s.l., roadside verge, 6 July 2017, 1 ♂, hand collection, Y. Petrova leg., D. Gradinarov det.; near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 2 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 3.5 km NW of Atia vill., 42°26.075'N, 27°32.258'E, 20 m a.s.l., oak forest, 7 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 3 ♂♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: European-Anatolian.

Stictoleptura (Stictoleptura) cordigera cordigera (Füsslins, 1775)

Bulgaria, new data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 2 ♂♂, 5 ♀♀, hand collection, D. Gradinarov leg. et det.; 2 km NW of Veselie vill., 42°20.382'N, 27°35.788'E, 35 m a.s.l., riverside meadows, 10 July 2017, 1 ♂, hand collection, Y. Petrova et D. Gradinarov leg., D. Gradinarov det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 3 ♂♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.805'N, 27°33.405'E, 20 m a.s.l., seaside alley, 15 July 2017, 2 ♂♂, 1 ♀, hand collection, Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007), Pınarhisar (Özdikmen, 2008).

Chorotype: European-Iranian.

Stictoleptura (Stictoleptura) erythroptera (Hagenbach, 1822)

Bulgaria: Balgari, Gramatikovo (Georgiev et al., 2015).

Chorotype: European-Iranian.

Strangalia attenuata (Linnaeus, 1758)

Bulgaria: Strandzha Mt. (Georgiev et al., 2015). New data: 4.5 km NE of Zvezdets vill., 42°09.024'N, 27°26.397'E, 170 m a.s.l., roadside verge, 12 July 2017, 3 ♂♂, 2 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; road between Zidarovo and Varshilo vill., 42°18.257'N, 27°23.075'E, 40 m a.s.l., roadside verge, 16 July 2017, 3 ♂♂, hand collection, Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy, İğneada (between Hamam dam-Pedina dam) (Özdikmen, 2007, 2008).

Chorotype: Transpalaeartic.

Vadonia moesiaca (K. Daniel et J. Daniel, 1891)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Primorsko (Simandl, 2002), Bossna hills (Rapuzzi, Georgiev, 2007).

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: Balkan-Anatolian.

Vadonia unipunctata unipunctata (Fabricius, 1787)

Bulgaria: Tsarevo (Simandl, 2002).

Chorotype: European-Anatolian.

Oxymirus cursor (Linnaeus, 1758)

Bulgaria: Maslen nos (Minkova, 1957).

Chorotype: West Eurosiberian.

Akimerus schaefferi schaefferi (Laicharting, 1784)

Bulgaria: Maslen nos (Heyrovsky, 1940), Kondolovo (Georgiev et al., 2005).

Chorotype: European.

Brachyta (Fasciobrachyta) balcanica (Hampe, 1871)

Bulgaria: Stoilovo (Georgiev et al., 2015).

Turkey: Pınarhisar (Georgiev et al., 2015).

Chorotype: Balkan-Anatolian.

Cortodera flavimana flavimana (Waltl, 1838)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Kosti (Heyrovský, 1931; Kantardjiewa-Minkova, 1932), Primorsko (Simandl, 2002), Arcutino, Stoilovo (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Sredets, Stoilovo, Sinemorets, Varvara, Rezovo, Fazanovo (Georgiev et al., 2015). New data: 2 km SE of Debelt vill., near Sredetska Riv., 42°22.596'N, 27°16.338'E, 20 m a.s.l., riverside meadows, 5 May 2012, 2 ♂♂, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km NE of Boljarovo town, 42°09.637'N, 26°49.431'E, 180 m a.s.l., riverside meadows, 6 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Momina Tsarkva vill., 42°07.986'N, 27°02.510'E, 300 m a.s.l., meadows next to Vasileva Korija Dam Pond, 6 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2.5 km E of Fakija vill., 42°11.259'N, 27°07.112'E, 240 m a.s.l., 07 May 2012, 2 ♂♂, sweeping, I. Gjonov leg., D. Gradinarov det.; 3 km SE of Izgrev vill., 42°08.118'N, 27°50.066'E, 100 m a.s.l., 8 May 2012, 2 ♂♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Örencik Köyü, Kiyiköy, Kizilağaç, Kömürköy Köyü (Georgiev et al., 2015).
Chorotype: European-Anatolian.

Cortodera holosericea holosericea (Fabricius, 1801)

Bulgaria: Varvara (Georgiev et al., 2015).

Chorotype: European.

● *Cortodera humeralis humeralis* (Schaller, 1783)

Bulgaria, new data: Shafariytsa place, 41°57.630'N, 27°39.580'E, 220 m a.s.l., riverside alder forest, 1 May – 27 May 2010, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; 2 km SE of Momina tsarkva vill., 42°07.986'N, 27°02.510'E, 300 m a.s.l., meadows next to Vasileva Korija Dam Pond, 6 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Yenice env. (Özdikmen, 2008), Kizilağaç (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Dinoptera collaris (Linnaeus, 1758)

Bulgaria: Rezovo (Kantardjiewa-Minkova, 1932), Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Fazanovo (Georgiev et al., 2015). New data: 3.5 km SW of Fazanovo vill., 42°11.067'N, 27°41.047'E, 165 m a.s.l., 10 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Kizilağaç, Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: Transpalaeartic.

Fallacia elegans (Faldermann, 1837)

Turkey: Demirköy (Özdikmen, 2008).

Chorotype: East European-Iranian.

Rhagium (Hagrium) bifasciatum Fabricius, 1775

Bulgaria: Maslen nos (Minkova, 1957).

Turkey: İğneada (Özdikmen, 2007, 2008).

Chorotype: European-Iranian.

Rhagium (Megarhagium) sycophanta (Schrank, 1781)

Bulgaria: Vitanovo Reserve (Georgiev, Stojanova, 2003b), Stoilovo (Siering, Beier, 2005). New data: near Bliznak vill., Bataka Protected Area, 42°11.621'N, 27°19.597'E, 325 m, oak forest, 8 May – 8 June 2009, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; the same locality, but 1-27 May 2010, 12 ♂♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Turkey: Kizilağaç, Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Xylosteus caucasicola Plavilstshikov, 1936

Turkey: From Demirköy to İğneada (Özdikmen, 2007, 2008).

Note: The record of the species in European part of Turkey is unlikely and strongly needs confirmation.

Chorotype: Pontomediterranean.

Necydalis (Necydalis) ulmi Chevrolat, 1838

Bulgaria: Vitanovo Reserve (Georgiev, Stojanova, 2003b).

Turkey: Demirköy (Özdikmen, 2008).

Chorotype: European-Anatolian.

Spondylidinae

Alocerus moesiacus (Frivaldsky von Frivald, 1837)

Turkey: İğneada (Mert lake) (Özdikmen, 2008).

Chorotype: Transmediterranean.

Arhopalus rusticus rusticus (Linnaeus, 1758)

Bulgaria: Tsarevo (Georgiev et al., 2005).

Turkey: İslambeyli (Özdikmen, 2007, 2008).

Chorotype: Transpalaeartic.

**Saphanus piceus piceus* (Laicharting, 1784)

Bulgaria, new data: near Malko Tarnovo town, Propada place, 41°58.826'N, 27°29.428'E, 400 m a.s.l., beech forest, 8 June – 2 July 2009, 2 ♂♂, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Chorotype: European.

Cerambycinae

Anaglyptus mysticus (Linnaeus, 1758)

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: European-Anatolian.

ParaClytus sexguttatus (Adams, 1817)

Bulgaria: Vitanovo Reserve (Georgiev, Stojanova, 2003b), Izgrev (Georgiev et al., 2015). New data: 2.5 km W of Izgrev vill., 42°08.596'N, 27°46.163'E, 300 m a.s.l., 9 May

- 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.
 Turkey: Demirköy, Temmuz (Özdikmen Demir, 2006), Yenice env. (Özdikmen, 2008), Sergen (Georgiev et al., 2015).
 Chorotype: Pontomediterranean.
- Aromia moschata moschata* (Linnaeus, 1758)
 Bulgaria: Tsarevo (Georgiev, Stojanova, 2003a).
 Chorotype: Eurosiberian.
- Lioderina linearis* (Hampe, 1871)
 Bulgaria: Sozopol, Tsarevo (Sabol, 2000).
 Chorotype: Northeast Mediterranean.
- Phymatodes (Phymatodellus) rufipes rufipes* (Fabricius, 1777)
 Bulgaria: Strandzha Mt. (Angelov, 1995). New data: 3.5 km SW of Fazanovo vill., 42°11.067'N, 27°41.047'E, 165 m a.s.l., 10 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.
 Chorotype: European-Anatolian.
- Phymatodes (Phymatodes) lividus* (Rossi, 1794)
 Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940).
 Chorotype: Transmediterranean.
- Phymatodes (Phymatodes) testaceus* (Linnaeus, 1758)
 Bulgaria: Rezovo (Kantardjiewa-Minkova, 1932), Malko Tarnovo, Varvara (Georgiev et al., 2015). New data: near Ahtopol town [no exact coordinates available], 13 June 2009, 1 ♀, O. Sivilov leg., D. Gradinarov det.; 1.5 km S of Izgrev vill., 42°07.796'N, 27°48.043'E, 120 m a.s.l., 9 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.
 Turkey: Kizilağaç (Georgiev et al., 2015).
 Chorotype: Holarctic.
- **Pyrrhidium sanguineum* (Linnaeus, 1758)
 Bulgaria, new data: near Malko Tarnovo town [no exact coordinates available], 18 April 2009, 3 ♂♂, under bark, O. Sivilov leg., D. Gradinarov det.; near Balgari vill., Marina Reka Protected Area, 42°06.695'N, 27°45.883'E, 180 m a.s.l., beech-oak forest, 1-27 May 2010, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.
 Chorotype: Euromediterranean.
- Ropalopus (Ropalopus) clavipes* (Fabricius, 1775)
 Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Tsarevo (Georgiev, Stojanova, 2003a). New data: 4 km S of Zvezdets vill., Kovach place, 42°04.465'N, 27°24.498'E, 290 m a.s.l., 2 July 2014, 1 ♀, O. Sivilov et B. Zlatkov leg., D. Gradinarov det.
 Turkey: Kizilağaç (Georgiev et al., 2015).
 Chorotype: European-Iranian.
- Ropalopus (Ropalopus) insubricus insubricus* (Germar, 1824)
 Bulgaria: Ropotamo River (Angelov, 1995).
 Chorotype: European-Anatolian.

- Ropalopus (Ropalopus) macropus* (Germar, 1824)
 Turkey: Demirköy env. (Özdikmen, 2008).
 Chorotype: European-Iranian.
- Ropalopus (Ropalopus) varini* (Bedel, 1870)
 Bulgaria: Kalovo (Minkova, 1957).
 Chorotype: European.
- Cerambyx (Cerambyx) cerdo cerdo* Linnaeus, 1758
 Bulgaria: Primorsko, Tsarevo, Ahtopol (Simandl, 2002), Brodilovo, Zvezdets (Georgiev et al., 2015). New data: Rosenets Park, 2 km NW of Atia vill., 42°26.857'N, 27°33.388'E, 20 m a.s.l., road through an oak forest, 2 July 2017, 1 ♀, on the road, D. Gradinarov leg. et det.; Rosenets Park, 2 km NW of Atia vill., Maichin dom Resthouse, 42°26.846'N, 27°33.316'E, 20 m a.s.l., oak forest, 7-12 July 2017, 2 ♂♂, 1 ♀, hand collection, D. Gradinarov leg. et det.
 Turkey: Demirköy (İslambeyli), Sivrililer near İğneada-Saka lake (Özdikmen, 2007, 2008).
 Chorotype: Euromediterranean.
- Cerambyx (Cerambyx) dux* (Faldermann, 1837)
 Bulgaria: Tsarevo (Simandl, 2002; Georgiev, Stojanova, 2003b).
 Turkey: İğneada (Özdikmen Demir, 2006; Özdikmen, 2007, 2008).
 Chorotype: East European-Iranian.
- Cerambyx (Cerambyx) miles* Bonelli, 1812
 Bulgaria: Ahtopol, Malko Tarnovo (Kantardjiewa-Minkova, 1932).
 Chorotype: European-Anatolian.
- Cerambyx (Cerambyx) nodulosus nodulosus* Germar, 1817
 Bulgaria: Sredets (Kantardjiewa-Minkova, 1932), Arkutino (Ganev, 1986), Malko Tarnovo (Georgiev et al., 2015).
 Chorotype: European-Anatolian.
- Cerambyx (Cerambyx) welensii welensii* (Küster, 1845)
 Bulgaria: Ahtopol (Simandl, 2002).
 Chorotype: North Mediterranean.
- Cerambyx (Microcerambyx) scopolii scopolii* Fuessly, 1775
 Bulgaria: Stoilovo (Siering, Beier, 2005), Malko Tarnovo, Gramatikovo (Rapuzzi, Georgiev, 2007), Zvezdets, Rezovo, Fazanovo (Georgiev et al., 2015). New data: 2.5 km W of Izgrev vill., 42°08.596'N, 27°46.163'E, 300 m a.s.l., 9 May 2012, 1 ♂, I. Gjonov leg., D. Gradinarov det.
 Turkey: İğneada, İğneada-Saka lake, Demirköy, (Özdikmen Demir, 2006; Özdikmen, 2007, 2008), Kiyiköy, Kizilağaç, (Georgiev et al., 2015).
 Chorotype: European-Anatolian.
- Chlorophorus (Crassofasciatus) hungaricus* Seidlitz, 1891
 Bulgaria: Tsarevo (Minkova, 1957), Tsarevo, Primorsko (Simandl, 2002), Tsarevo,

Sinemorets (Georgiev, Stojanova, 2003a), Primorsko, Zvezdets (Georgiev et al., 2015).

Turkey: Pinarhisar (Georgiev et al., 2015).

Chorotype: North Mediterranean.

Chlorophorus (Crassofasciatus) trifasciatus (Fabricius, 1781)

Bulgaria: Tsarevo, Gramatikovo (Kantardjiewa-Minkova, 1932).

Chorotype: Transmediterranean.

Chlorophorus (Humeromaculatus) figuratus (Scopoli, 1763)

Bulgaria: Strandzha Mt., Ravna gora (Kantardjiewa-Minkova, 1932), Sinemorets (Georgiev, Stojanova, 2003a), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Zvezdets (Georgiev et al., 2015). New data: 0.5 km SW of Izgrev vill., 42°08.325'N, 27°47.720'E, 130 m a.s.l., 9 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.

Turkey: Pinarhisar (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Chlorophorus (Immaculatus) varius varius (O. F. Müller, 1766)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Arcutino (Ganev, 1986), Tsarevo (Georgiev, Stojanova, 2003a). New data: Rosenets Park, 2 km NW of Atia vill., Maichin dom Resthouse, 42°26.846'N, 27°33.316'E, 20 m a.s.l., oak forest, 2 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 3 ♀♀, hand collection, D. Gradinarov leg. et det.; 2.8 km SE of Duni Resort, 42°20.927'N, 27°43.315'E, 2 m a.s.l., roadside verge, sea coast, 4 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 1.5 km SE of Novo Panicharevo vill., 42°16.728'N, 27°34.415'E, 133 m a.s.l., meadows, 7 July 2017, 1 ♀, sweeping, D. Gradinarov leg. et det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; 1.5 km NE of Ravna gora vill., 42°22.394'N, 27°33.039'E, 115 m a.s.l., roadside verge, 10 July 2017, 6 ♂♂, hand collection, Y. Petrova et D. Gradinarov leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.805'N, 27°33.405'E, 20 m a.s.l., seaside alley, 15 July 2017, 2 ♂♂, hand collection, Y. Petrova leg., D. Gradinarov det.; road between Zidarovo and Varshilo vill., 42°18.257'N, 27°23.075'E, 40 m a.s.l., roadside verge, 16 July 2017, 2 ♂♂, hand collection, Y. Petrova leg., D. Gradinarov det.

Turkey: Kırklareli prov. (Özdikmen, 2007, 2008).

Chorotype: West Eurosiberian.

Chlorophorus (Perderomaculatus) sartor (Müller, 1766)

Bulgaria: Tsarevo (Georgiev, Stojanova, 2003a). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 3 ♂♂, 2 ♀♀, hand collection, D. Gradinarov leg. et det.; 1 km NE of Pismenovo vill., 42°13.516'N, 27°41.071'E, 100 m a.s.l., meadows, 6 July 2017, 1 ♀, hand collection, Y.

Petrova et D. Gradinarov leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; 1.5 km NE of Ravna gora vill., 42°22.394'N, 27°33.039'E, 115 m a.s.l., roadside verge, 10 July 2017, 1 ♀, hand collection, Y. Petrova et D. Gradinarov leg., D. Gradinarov det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 10 ♀♀, 2 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.805'N, 27°33.405'E, 20 m a.s.l., seaside alley, 15 July 2017, 1 ♀, hand collection, Y. Petrova leg., D. Gradinarov det.

Turkey: İslambeyli (Özdikmen, 2007, 2008).

Chorotype: West Palaearctic.

Clytus (Clytus) arietis arietis (Linnaeus, 1758)

Turkey: Kizilağaç (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Clytus (Clytus) rhamni temesiensis (Germar, 1824)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Tsarevo, Sinemorets (Georgiev, Stojanova, 2003a), Bossna hills (Rapuzzi, Georgiev, 2007). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♂, 3 ♀♀, hand collection, D. Gradinarov leg. et det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007, 2008), Yalıköy (Georgiev et al., 2015).

Chorotype: European-Iranian.

Clytus (Clytus) tropicus (Panzer, 1795)

Bulgaria: Gramatikovo (Ganev, 1984).

Chorotype: European.

Echinocerus floralis (Pallas, 1773)

Bulgaria: Rhuzitsa (Kantardjiewa-Minkova, 1932), Granitovo (Angelov, 1967), Tsarevo, Kosti, Sinemorets, Izgrev (Georgiev, Stojanova, 2003a). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♂, hand collection, D. Gradinarov leg. et det.; 2.8 km SE of Duni Resort, 42°20.927'N, 27°43.315'E, 2 m a.s.l., roadside verge, sea coast, 4 July 2017, 7 ♂♂, 4 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♂, hand collection, D. Gradinarov leg. et det.; Rosenets Park, 2 km NW of Atia vill., 42°26.805'N, 27°33.405'E, 20 m a.s.l., seaside alley, 15 July 2017, 1 ♀, hand collection, Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: Transpalaearctic.

- NeoPlagionotus bobelayei* (Brullé, 1832)
Bulgaria: Rhuzitsa (Kantardjiewa-Minkova, 1932), Malko Tarnovo (Angelov, 1967). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♂, 1 ♀, hand collection, D. Gradinarov leg. et det.
Chorotype: East European-Iranian.
- Plagionotus arcuatus arcuatus* (Linnaeus, 1758)
Bulgaria: Stoilovo (Siering, Beier, 2005), Malko Tarnovo (Rapuzzi, Georgiev, 2007), Fazanovo (Georgiev et al., 2015).
Chorotype: Euromediterranean.
- Plagionotus detritus detritus* (Linnaeus, 1758)
Bulgaria: Fazanovo (Georgiev et al., 2015). New data: Tsarevo town, the base of Faculty of Biology of Plovdiv University 'Paisii Hilendarski', 42°10.183'N, 27°50.361'E, 45 m a.s.l., 24 June 2017, 2 ♀♀, at light, D. Georgiev leg., D. Gradinarov det.
Chorotype: European-Anatolian.
- Xylotrechus (Rusticochytus) rusticus* (Linnaeus, 1758)
Bulgaria: Tsarevo (Georgiev et al., 2005).
Turkey: Demirköy, İğneada (Özdikmen, 2007, 2008), Kiyiköy (Georgiev et al., 2015).
Chorotype: Transpalaeartic.
- Xylotrechus (Xylotrechus) antilope antilope* (Schoenherr, 1817)
Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Gramatikovo (Ganev, 1986), Stoilovo (Siering, Beier, 2005), Balgari, Fazanovo (Georgiev et al., 2015).
Turkey: Demirköy (Özdikmen, 2007, 2008).
Chorotype: European-Anatolian.
- Xylotrechus (Xylotrechus) arvicola arvicola* (Olivier, 1795)
Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Sredets (Kantardjiewa-Minkova, 1932).
Turkey: Demirköy (Özdikmen, 2007, 2008).
Chorotype: Euromediterranean.
- **Axinopalpis gracilis gracilis* (Krynicky, 1832)
Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940). New data: Rosenets Park, 2 km NW of Atia vill., 42°26.648'N, 27°33.233'E, 30 m a.s.l., oak forest, 9-10 July 2017, 1 ♂, at light, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.
Chorotype: European-Iranian.
- Gracilia minuta* (Fabricius, 1781)
Bulgaria: Malko Tarnovo (Ganev, 1984).
Chorotype: Transpalaeartic.
- Stromatium auratum* (Böber, 1793)
Bulgaria: Ahtopol (Angelov, 1967).
Turkey: Demirköy (Özdikmen, 2007, 2008).
Chorotype: Transmediterranean.

Trichoferus griseus (Fabricius, 1793)

Bulgaria: Primorsko, Ahtopol (Angelov, 1967).

Chorotype: Transmediterranean.

Trichoferus pallidus (Olivier, 1790)

Bulgaria: Gramatikovo (Ganev, 1984).

Chorotype: European.

Molorchus (Molorchus) umbellatarus umbellatarus (Schreber, 1759)

Bulgaria: Strandzha Mt. (Angelov, 1995), Malko Tarnovo, Primorsko (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Purpuricenus budensis (Götz, 1783)

Bulgaria: Strandzha Mt. (Kantardjiewa-Minkova, 1932), Tsarevo, Izgrev (Georgiev, Stojanova, 2003a). New data: Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.

Chorotype: West Palaearctic.

Purpuricenus renyvonaе Sláma, 2001

Bulgaria: Ropotamo River (Slama, 2001), Primorsko (Rapuzzi, Georgiev, 2007).

Chorotype: Balkan-Anatolian.

Purpuricenus kaehleri kaehleri (Linnaeus, 1758)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Strandzha Mt. (Heyrovský, 1931), Dyavolski dol (Rapuzzi, Georgiev, 2007). New data: Murvatska Reka Protected Area, 3.5 km SE of Rosen vill., 42°21.171'N, 27°34.994'E, 50 m a.s.l., roadside verge, 10 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Demirköy, İslambeyli (Özdikmen, 2007, 2008).

Chorotype: European-Anatolian.

Rosalia (Rosalia) alpina alpina (Linnaeus, 1758)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Ropotamo River (Angelov, 1967; Drad et al., 2015), Balgari (Drad et al., 2015).

Turkey: Central Kırklareli prov., İğneada (Özdikmen, 2007, 2008).

Chorotype: European-Anatolian.

Callimoxys gracilis (Brullé, 1832)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Indzhe voyvoda, Varvara, Rezovo, Fazanovo (Georgiev et al., 2015). New data: 2 km SE of Debelt vill., near Sredetska Riv., 42°22.596'N, 27°16.338'E, 20 m a.s.l., riverside meadows, 5 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km NE of Bolyarovo town, 42°09.637'N, 26°49.431'E, 180 m a.s.l., riverside meadows, 6 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 3.5 km SW of Fazanovo vill., 42°11.067'N, 27°41.047'E, 165 m a.s.l., 10 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: East European-Iranian.

Callimus (Callimus) angulatus angulatus (Schrank, 1789)

Bulgaria: Stoilovo, Sinemorets (Georgiev et al., 2015). New data: Kosti vill. (no exact coordinates available), 19 April 2009, 1 ♂, hand collection, O. Sivilov leg., D. Gradinarov det.

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: Euromediterranean.

Callimus (Lampropterus) femoratus (Germar, 1824)

Bulgaria: Primorsko, Tsarevo, Ahtopol (Simandl, 2002), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Tsarevo, Ahtopol (Simandl, 2002).

Turkey: İslambeyli (Özdikmen, 2007, 2008), Vize (Georgiev et al., 2015).

Chorotype: East European-Iranian.

Stenopterus flavicornis Küster, 1846

Bulgaria: Primorsko, Tsarevo, Ahtopol (Simandl, 2002), Tsarevo (Georgiev, Stojanova, 2003a), Fazanovo (Rapuzzi, Georgiev, 2007), Zvezdets (Georgiev et al., 2015). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 2 ♂♂, 2 ♀♀, hand collection, D. Gradinarov leg. et det.; near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♂, hand collection, D. Gradinarov leg. et det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 3 ♂♂, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Chorotype: East Mediterranean.

Stenopterus rufus rufus (Linnaeus, 1767)

Bulgaria: Ropotamo River (Angelov, 1967), Zvezdets, Varvara, Sinemorets (Georgiev et al., 2015).

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: European.

Stenopterus rufus geniculatus Kraatz, 1863

Bulgaria: Bossna hills (Rapuzzi, Georgiev, 2007). New data: near Tsarevo town, Oasis Resort, 42°11.994'N, 27°48.975'E, 8 m a.s.l., roadside verge near pine forest, 6 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 1.5 km SE of Novo Panicharevo vill., 42°16.728'N, 27°34.415'E, 133 m a.s.l., meadows, 7 July 2017, 1 ♂, sweeping, D. Gradinarov leg. et det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.; Murvatska Reka Protected Area, 3.5 km SE of Rosen vill., 42°21.171'N, 27°34.994'E, 50 m a.s.l., roadside verge, 10 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 3 km NW of Malko Tarnovo town, 42°00.394'N, 27°30.236'E, 290 m a.s.l., meadows and roadside verges, 12 July 2017, 7 ♂♂, 6 ♀♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; 1.5 km E of Indzhe voyvoda vill., 42°13.288'N,

27°26.249'E, 300 m a.s.l., meadows next to an oak forest, 12 July 2017, 1 ♂, 1 ♀, hand collection, Y. Petrova et D. Gradinarov leg., D. Gradinarov det.; 2 km NE Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Chorotype: East Mediterranean.

Lamiinae

Leiopus (Leiopus) femoratus Fairmaire, 1859

Turkey: İğneada (Özdikmen, 2008).

Chorotype: North Mediterranean.

**Leiopus (Leiopus) linnei* Wallin, Nylander et Kvamme, 2009

Bulgaria, new data: 3 km NW of Kiten town, on the road to Pismenovo vill., 42°14.630'N, 27°43.910'E, 20 m a.s.l., longose forest next to freshwater marshes, 13 August 2010, 1 ♂, at light, O. Sivilov et B. Zlatkov leg., D. Gradinarov det.

Chorotype: European.

Leiopus (Leiopus) nebulosus nebulosus (Linnaeus, 1758)

Bulgaria: Brodilovo (Kantardjiewa-Minkova, 1934), Stoilovo (Siering, Beier, 2005), Kosti (Rapuzzi, Georgiev, 2007; Georgiev et al., 2015).

Chorotype: European.

Aegomorphus clavipes (Schrank, 1781)

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Strandzha Mt. (Kantardjiewa-Minkova, 1934), Malko Tarnovo (Georgiev et al., 2015).

Chorotype: Transpalearctic.

Agapanthia (Agapanthia) cardui (Linnaeus, 1767)

Bulgaria: Tsarevo, Sinemorets (Georgiev, Stojanova, 2003b), Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Ahtopol, Primorsko, Sinemorets, Biala voda, Kondolovo, Sinemorets, Varvara, Rezovo (Georgiev et al., 2015). New data: 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Momina Tsarkva vill., 42°07.986'N, 27°02.510'E, 300 m a.s.l., meadows next to Vasileva Koria Dam Pond, 6 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Fazanovo vill., 42°10.838'N, 27°44.167'E, 100 m a.s.l., 10 May 2012, 2 ♂♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Kırklareli prov. (Özdikmen, 2007, 2008), Kizilağaç (Georgiev et al., 2015).

Chorotype: European.

Agapanthia (Epoetes) cynarae cynarae (Germar, 1817)

Bulgaria: Strandzha Mt. (Kantardjiewa-Minkova, 1934), Sinemorets (Georgiev, Stojanova, 2003b), Fazanovo (Georgiev et al., 2015). New data: 2.8 km SE of Duni Resort, 42°20.927'N, 27°43.315'E, 2 m a.s.l., roadside verge, sea coast, 4 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.; Rosenets Park, 2 km NW of Atia vill., 42°26.855'N, 27°33.511'E, 5 m a.s.l., seaside alley, 8 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.

Chorotype: North Mediterranean.

● *Agapanthia (Epoptes) dahli dahli* (Richter, 1821)

Bulgaria, new data: 2.8 km SE of Duni Resort, 42°20.927'N, 27°43.315'E, 2 m a.s.l., roadside verge, sea coast, 4 July 2017, 1 ♂, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

* *Agapanthia (Epoptes) villosoviridescens* (De Geer, 1775)

Bulgaria, new data: 2 km SE of Debelt vill., near Sredetska Riv., 42°22.596'N, 27°16.338'E, 20 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km NE of Zidarovo vill., near Fakiyska Riv., 42°20.066'N, 27°24.780'E, 30 m a.s.l., 12 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: Eurosiberian.

Agapanthia (Homoblephara) maculicornis maculicornis (Gyllenhal, 1817)

Bulgaria: Bogdanovo (Bringmann et al., 2005), Biala voda (Georgiev et al., 2015).

Turkey: Pinarhisar (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Agapanthia (Smaragdula) osmanlis Reiche et Saulcy, 1858

Bulgaria: Rezovo (Kantardjiewa-Minkova, 1934), Ahtopol (Simandl, 2002), Sredets (Georgiev et al., 2005), Primorsko, Rezovo (Georgiev et al., 2015).

Chorotype: East Mediterranean.

Agapanthia (Smaragdula) violacea (Fabricius, 1775)

Bulgaria: Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Sredets, Varvara, Biala voda, Kondolovo, Sinemorets, Fazanovo (Georgiev et al., 2015). New data: 2 km SE of Debelt vill., near Sredetska Riv., 42°22.596'N, 27°16.338'E, 20 m a.s.l., riverside meadows, 5 May 2012, 2 ♀♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km NE of Zidarovo vill., near Fakiyska Riv., 42°20.066'N, 27°24.780'E, 30 m a.s.l., 12 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Dereköy (Özdikmen, 2007, 2008), Örencik Köyü, Kömürköy Köyü (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Agapanthia (Synthapsia) kirbyi kirbyi (Gyllenhal, 1817)

Bulgaria: Strandzha Mt. (Kantardjiewa-Minkova, 1934), Bossna hills (Rapuzzi, Georgiev, 2007), Zvezdets (Georgiev et al., 2015).

Chorotype: North Mediterranean-Iranoturanian.

Agapanthiola leucaspis (Steven, 1817)

Bulgaria: Tsarevo, Izgrev (Georgiev, Stojanova, 2003b), Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Primorsko, Sinemorets, Yasna poliana (Georgiev et al., 2015). New data: 1.5 km NE of Tvarditsa vill., 42°25.291'N, 27°28.032'E,

5 m a.s.l., 13 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: Transpalaeartic.

Calamobius filum (Rossi, 1790)

Bulgaria: Primorsko (Simandl, 2002), Tsarevo, Sinemorets, Izgrev (Georgiev, Stojanova, 2003b), Bossna hills (Rapuzzi, Georgiev, 2007), Malko Tarnovo, Primorsko, Fakia, Yasna poliana (Georgiev et al., 2015). New data: Tsarevo town, Popskiya Plazh Beach, 42°10.710'N, 27°50.693'E, 5 m a.s.l., seaside meadow, 26 June 2017, 3 ♂♂, 2 ♀♀, sweeping, D. Georgiev leg., D. Gradinarov det.

Chorotype: West Palaearctic.

Anaesthetis testacea testacea (Fabricius, 1781)

Bulgaria: Rezovo (Kantardjiewa-Minkova, 1934), Sinemorets (Georgiev et al., 2015).

Chorotype: European-Anatolian.

Deroplia genei genei (Aragona, 1830)

Bulgaria: Varvara (Georgiev et al., 2015).

Chorotype: North Mediterranean.

Dorcadion (Carinatodorcadion) aethiops aethiops (Scopoli, 1763)

Bulgaria: Sozopol (Kantardjiewa-Minkova, 1934; Minkova, 1961).

Chorotype: Northeast Mediterranean.

Dorcadion (Cribridorcadion) axillare Küster, 1847

Bulgaria: Strandzha Mt. (Kantardjiewa-Minkova, 1934).

Chorotype: Balkan endemic.

Dorcadion (Cribridorcadion) olympicum olympicum Kraatz, 1873

Turkey: Yenice env. (reported as *Dorcadion obsoletum* Kraatz) (Özdikmen, 2008).

Chorotype: Balkan-Anatolian.

Dorcadion (Cribridorcadion) pedestre pedestre (Poda von Neuhaus, 1761)

Bulgaria: Strandzha Mt. (Heyrovský, 1931; Kantardjiewa-Minkova, 1934; Minkova, 1961), Tsarevo (Georgiev, Stojanova, 2003a). New data: Brodilovo vill., under Papiya Peak, 42°06.362'N, 27°50.543'E, 295 m a.s.l., shrubs of green olive tree (*Phillyrea latifolia* L.), 8 May 2009 – 8 June 2009, 2 ♂♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; near Sinemorets vill., Silistar Protected Area, 42°01.512'N, 28°00.423'E, 20 m a.s.l., oak forest, 8 May 2009 – 8 June 2009, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; near Sinemorets vill., Butamyata place, 42°03.172'N, 27°59.224'E, 16 m a.s.l., oak forest, 8 May 2009 – 8 June 2009, 1 ♂, 3 ♀♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; the same locality, but 1-27 May 2010, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; the same locality, but 27 May – 9 June 2010, 3 ♂♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Turkey: Kiyiköy, Vize (Georgiev et al., 2015).

Chorotype: Northeast Mediterranean.

Dorcadion (Cribridorcadion) regulare regulare Pic, 1931

Bulgaria: Strandzha Mt. (20 km south of Burgas) (Rapuzzi, Georgiev, 2007).

Turkey: Yenice env. (Özdikmen, 2008).

Chorotype: Balkan endemic.

Dorcadion (Cribridorcadion) tauricum tauricum Waltl, 1838

Bulgaria: Kalovo, Maslen nos (syn. *Dorcadion nigritarse* Kraatz) (Heyrovsky, 1940), Strandzha Mt. (Kantardjiewa-Minkova, 1934; Minkova, 1961), Sinemorets (Georgiev, Stojanova, 2003a). New data: near Sinemorets vill., Silistar Protected Area, Butamyata Place, 42°03.172'N, 27°59.224'E, 16 m a.s.l., oak forest, 8 May – 8 June 2009, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Chorotype: Northeast Mediterranean.

Neodorcadion bilineatum (Germar, 1824)

Bulgaria: Strandzha Mt. (Minkova, 1961), Primorsko (Georgiev et al., 2015). New data: near Kosti vill., St. Ilia place, 42°03.386'N, 27°45.860'E, 35 m a.s.l., riverside meadows, 15 April – 8 May 2009, 1 ♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; the same locality, but 1-27 May 2010, 8 ♂♂, 5 ♀♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.; the same locality, but 27 May – 9 July 2010, 2 ♂♂, 1 ♀, pitfall traps, S. Zidarova leg., D. Gradinarov det.; near Sinemorets vill., Silistar Protected Area, Butamyata place, 42°03.172'N, 27°59.224'E, 16 m a.s.l., oak forest, 8 May – 8 June 2009, 1 ♀, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Chorotype: Northeast Mediterranean.

Neodorcadion exornatum (Frivaldszky von Frivald, 1835)

Bulgaria: Staro Rezovo (Kantardjiewa-Minkova, 1934; Minkova, 1961), Veleka River (Simandl, 2002). New data: near Sinemorets vill., Silistar Protected Area, Butamyata place, 42°03.172'N, 27°59.224'E, 16 m a.s.l., oak forest, 1-27 May 2010, 2 ♂♂, pitfall traps, P. Mitov, R. Kostova et O. Sivilov leg., D. Gradinarov det.

Turkey: Kiyiköy (Georgiev et al., 2015).

Chorotype: Balkan-Anatolian.

Exocentrus adspersus Mulsant, 1846

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Izgrev (Rapuzzi, Georgiev, 2007).

Chorotype: European-Anatolian.

**Exocentrus lusitanus* (Linnaeus, 1767)

Bulgaria, new data: 3 km NW of Kiten town, on the road to Pismenovo vill., 42°14.630'N, 27°43.910'E, 20 m a.s.l., longose forest next to freshwater marshes, 13 August 2010, 1 ♂, at light, O. Sivilov et B. Zlatkov leg., D. Gradinarov det.

Chorotype: West Eurosiberian.

Herophila tristis tristis (Linnaeus, 1767)

Turkey: Kırklareli prov. (Özdikmen, 2008).

Chorotype: North Mediterranean.

Morimus asper funereus Mulsant, 1863

Bulgaria: Goliamo Krushovo (Georgiev et al., 2005), Zvezdets (Georgiev et al., 2015). New data: 2 km NE of Zvezdets vill., 42°07.653'N, 27°25.803'E, 290 m a.s.l., cutting area and roadside verges, 12 July 2017, 1 ♀, hand collection, D. Gradinarov leg. et det.

Turkey: İğneada, İğneada (between Hamam lake-Pedina lake) (Özdikmen, 2007, 2008).

Chorotype: Northeast Mediterranean.

Morimus orientalis (Reitter, 1894)

Bulgaria: Stoilovo (Siering, Beier, 2005), Malko Tarnovo (Rapuzzi, Georgiev, 2007), Bossna hill. (Georgiev et al., 2015).

Turkey: Sergen (Georgiev et al., 2015).

Chorotype: Balkan-Anatolian.

● *Mesosa (Aplocnemis) nebulosa* (Fabricius, 1781)

Bulgaria, new data: Rosenets Park, 3.5 km NW of Atia vill., 42°26.075'N, 27°32.258'E, 20 m a.s.l., oak forest, 7 July 2017, 1 ♀, hand collection, D. Gradinarov et Y. Petrova leg., D. Gradinarov det.

Turkey: İğneada (Özdikmen, 2008).

Chorotype: European-Anatolian.

Mesosa (Mesosa) curculionoides (Linnaeus, 1760)

Turkey: İğneada (Özdikmen, 2008).

Chorotype: European-Iranian.

Monochamus (Monochamus) galloprovincialis pistos (Germar, 1818)

Bulgaria: Balgari (Georgiev et al., 2015).

Chorotype: West Eurosiberian.

Oxylia duponcheli (Brullé, 1832)

Bulgaria: Strandzha Mt. (Georgiev et al., 2015).

Chorotype: Balkan endemic.

Phytoecia (Helladia) millefolii (Adams, 1817)

Bulgaria: Primorsko, Tsarevo, Ahtopol (Simandl, 2002), Sinemorets (Angelov, 1989), Primorsko, Yasna poliana (Georgiev et al., 2015).

Chorotype: East European-Iranian

Phytoecia (Helladia) praetextata praetextata (Steven, 1817)

Bulgaria: Brodilovo (Georgiev et al., 2015).

Turkey: Kizilağaç (Georgiev et al., 2015).

Chorotype: Pontomediterranean.

* *Phytoecia (Musaria) affinis affinis* (Harrer, 1784)

Bulgaria, new data: 1.5 km N of Zidarovo vill., near Fakiyska Riv., 42°20.639'N, 27°24.328'E, 20 m a.s.l., riverside meadows, 12 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: European-Anatolian.

Phytoecia (Musaria) affinis tuerki Ganglbauer, 1884
Bulgaria: Sozopol (Kavatsite), Malko Tarnovo, Ropotamo Reserve (Bringmann, 1998), Primorsko (outfall of Ropotamo River) (Georgiev et al., 2015).
Chorotype: Balkan-Anatolian.

Phytoecia (Neomusaria) balcanica (Frivaldszky von Frivald, 1835)
Bulgaria: Tsarevo, Izgrev (Georgiev, Stojanova, 2003b).
Chorotype: Balkan-Anatolian.

Phytoecia (Opsilia) coerulea (Scopoli, 1763)
Bulgaria: Malko Tarnovo (Angelov, 1967), Tsarevo, Izgrev (Georgiev, Stojanova, 2003b), Arcutino (Siering, Beier, 2005), Bossna hills (Rapuzzi, Georgiev, 2007), Ahtopol, Primorsko, Sinemorets, Djavolska River between town of Primorsko and Yasna poliana (Georgiev et al., 2015). New data: Rosenets Park, 3 km NW of Atia vill., 42°27.027'N, 27°33.018'E, 30 m a.s.l., roadside verge, 3 July 2017, 1 ♂, hand collection, D. Gradinarov leg. et det.

Turkey: Dereköy (Özdikmen, 2007, 2008).
Chorotype: West Palaearctic.

Phytoecia (Phytoecia) caerulea caerulea (Scopoli, 1772)
Bulgaria: Strandzha Mt. (Kantardjiewa-Minkova, 1934). New data: 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.
Chorotype: North Mediterranean-Iranoturanian.

Phytoecia (Phytoecia) cylindrica (Linnaeus, 1758)
Bulgaria: Kiten (Georgiev, Stojanova, 2003b), Primorsko, Varvara, Yasna poliana, Rezovo (Georgiev et al., 2015). New data: 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 4 ♂♂, 3 ♀♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km NE of Boljarovo town, 42°09.637'N, 26°49.431'E, 180 m a.s.l., riverside meadows, 6 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Goliamo Bukovo vill., 42°11.099'N, 27°12.581'E, 270 m a.s.l., meadows next to an oak forest, 8 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 0.5 km SW of Izgrev vill., 42°08.325'N, 27°47.720'E, 130 m a.s.l., 9 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 1.5 km S of Izgrev vill., 42°07.796'N, 27°48.043'E, 120 m a.s.l., 9 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.; 1 km SW of Izgrev vill., 42°08.208'N, 27°47.525'E, 140 m a.s.l., 9 May 2012, 1 ♂, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Vize, Yalicköy, Kizilagaç (Georgiev et al., 2015).
Chorotype: Eurosiberian.

**Phytoecia (Phytoecia) icterica* (Schaller, 1783)
Bulgaria, new data: 1 km NE of Zidarovo vill., near Fakiyska Riv., 42°20.066'N, 27°24.780'E, 30 m a.s.l., 12 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.
Chorotype: West Eurosiberian.

Phytoecia (Phytoecia) nigricornis (Fabricius, 1781)

Bulgaria: Sinemorets (Georgiev et al., 2015). New data: 2 km SE of Debelt vill., near Sredetska Riv., 42°22.596'N, 27°16.338'E, 20 m a.s.l., riverside meadows, 5 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Chorotype: Eurosiberian.

Phytoecia (Phytoecia) pubescens Pic, 1895

Bulgaria: Kalovo, Maslen nos (Heyrovsky, 1940), Fakia (Angelov, 1987), Arcutino, Primorsko, Tsarevo, Ahtopol (Simandl, 2002), Izgrev (Georgiev, Stojanova, 2003b), Zvezdets, Varovnik, Sinemorets, between town of Malko Tarnovo and Stoilovo (Georgiev et al., 2015).

Turkey: Pinarhisar (Georgiev et al., 2015).

Chorotype: East Mediterranean.

Phytoecia (Phytoecia) pustulata pustulata (Schrank, 1776)

Bulgaria: Sredets, Bistrets (Georgiev et al., 2005). New data: 2 km SE of Bistrets vill., near Sredetska Riv., 42°18.582'N, 27°02.371'E, 50 m a.s.l., riverside meadows, 5 May 2012, 3 ♂♂, 3 ♀♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2 km SE of Momina Tsarkva vill., 42°07.986'N, 27°02.510'E, 300 m a.s.l., meadows next to Vasileva Koriya Dam Pond, 6 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.; 2.5 km E of Fakia vill., 42°11.259'N, 27°07.112'E, 240 m a.s.l., 7 May 2012, 1 ♂, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Pinarhisar, Vize, Beypinar (Georgiev et al., 2015).

Chorotype: European-Iranoturanian.

Phytoecia (Phytoecia) virgula (Charpentier, 1825)

Bulgaria: Gramatikovo (Georgiev et al., 2015).

Chorotype: European-Iranoturanian.

● *Phytoecia (Pilemia) hirsutula hirsutula* (Frölich, 1793)

Bulgaria, new data: 1 km NE of Boliarovo town, 42°09.637'N, 26°49.431'E, 180 m a.s.l., riverside meadows, 6 May 2012, 1 ♀, sweeping, I. Gjonov leg., D. Gradinarov det.

Turkey: Vize (Georgiev et al., 2015).

Chorotype: West Palaearctic.

Phytoecia (Pilemia) serriventris (Holzschuh, 1984)

Bulgaria: Bistrets (Georgiev et al., 2015).

Chorotype: Bulgarian endemic.

Niphona (Niphona) picticornis Mulsant, 1839

Bulgaria: Veleka River (Doychev, Georgiev, 2004).

Chorotype: Transmediterranean.

Saperda (Compsidia) populnea (Linnaeus, 1758)

Bulgaria: Sinemorets (Georgiev et al., 2015).

Chorotype: Holarctic.

Saperda (Compsidia) quercus quercus Charpentier, 1825

Table 1. Areogeographic characterization

Areographic categories and complexes	Number	Percentage
Holarctic complex	2	1.3
Holarctic	2	1.3
Palaearctic complex	17	11.0
Transpalaearctic	11	7.1
West Palaearctic	6	3.9
Eurosiberian complex	16	10.4
Eurosiberian	4	2.6
West Eurosiberian	12	7.8
European-Iranoturanian complex	21	13.6
European-Iranoturanian	2	1.3
European-Iranian	11	7.1
East European-Iranian	8	5.2
European complex	51	33.1
Euromediterranean	8	5.2
European-Anatolian	26	16.9
European	17	11.0
Mediterranean complex	42	27.3
Transmediterranean	6	3.9
North Mediterranean-Iranoturanian	2	1.3
North Mediterranean	7	4.5
East Mediterranean	5	3.3
Northeast Mediterranean	6	3.9
Pontomediterranean	5	3.3
Balkan-Anatolian	11	7.1
Balkan endemic complex	5	3.3
Balkan endemics	4	2.6
Bulgarian endemics	1	0.7
Total	154	100.0

Bulgaria: Tsarevo (Kantardjiewa-Minkova, 1934).

Chorotype: Balkan Endemic.

Saperda (Lopezcolonia) perforata (Pallas, 1773)

Turkey: Demirköy (Özdikmen, 2007, 2008).

Chorotype: Transpalaearctic.

Saperda (Lopezcolonia) punctata (Linnaeus, 1767)

Bulgaria: Arcutino (Ganev, 1986), Primorsko (Simandl, 2002), Veleka River, Zvezdets (Georgiev et al., 2015).

Chorotype: Euromediterranean.

The list includes original data for finding 65 cerambycid species in Bulgarian part of Strandzha. Ten taxa (*Pseudovadonia livida setosa*, *Rutpela maculata manca*, *Saphanus piceus piceus*, *Pyrrhidium sanguineum*, *Axinopalpis gracilis gracilis*, *Leiopus linnei*, *Agapanthia villosiviridescens*, *Exocentrus lusitanus*, *Phytoecia affinis affinis*, *Phytoecia ictérica*) are new

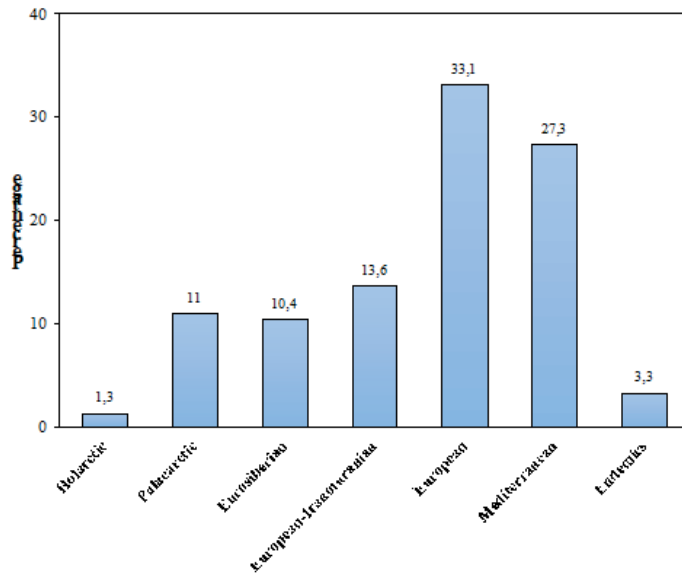


Fig. 1. Areographic complexes

records for the mountain (Bulgaria and Turkey), and four taxa (*Cortodera humeralis humeralis*, *Agapanthia dabli dabli*, *Mesosa nebulosa*, *Phytoecia hirsutula hirsutula*) – new for Bulgarian part. One taxa (*Rutpela maculata manca*) is new for Bulgarian cerambycid fauna, as well.

For the purposes of areogeographic analysis, the chorotypes (areographic categories) are combined in seven areographic complexes (Table 1).

The taxa from European complex are dominant in Strandzha Mt. (33.1%) followed by those from Mediterranean (27.3%) and European-Iranoturanian (13.6%) complexes (Fig. 1).

DISCUSSION

In this study, fourteen species and subspecies were found for first time in Bulgarian part of Strandzha Mt. Among them, *Rutpela maculata manca* is new taxa for Bulgarian fauna. Recently it was established in Istanbul province in European Turkey (Albayati et al., 2016). Another species, *Leiopus (Leiopus) linnei* was recently described by biological materials from many European countries, including Bulgaria (Wallin et al., 2009).

The dominance of nemoral forest in Strandzha Mt. allows highest percentage of the taxa of European complex in the region.

The Euromediterranean chorotype is arranged in European complex. The cerambycids belong to this chorotype is more or less widely distributed in Europe. Some populations of them penetrate to North Africa and/or to the some other narrow areas in Mediterranean region. According to our conception, they have European origin and this is the reason to arrange them in European complex.

The location of Stranzha near the Sea Coasts in southeast part of Balkan Peninsula is cause to very well presentation of Mediterranean species.

The cerambycids from Iranoturanian complex together with European-Anatolian and Balkan-Anatolian categories (58 taxa – 37.6%) demonstrate the connection between European, Asian Minorian and South-West Asian faunas. They underlined the position of Strandzha as one of the main roads of such taxa migration.

The specific climate and existing of relict plant species represented the refugial character of the Mountain and explain the relatively high level (3.3%) of endemic taxa.

We can expect new records of some cerambycids taxa in the future investigations in Strandzha Mt. However, the recent data mirrors of the influence of three main faunal types in formation of this regional fauna as follow: European, Mediteranean and (in less degree) European-Iranoturanian (74.0% of established taxa). The presence of endemics demonstrates peculiarity of Strandzha also as area of distribution of Balkan autochthonous species.

The finding of 154 taxa (approximately 60% of longhorn beetles in Bulgaria) indicates that Strandzha Mt. is rich in species diversity and fovourable for development of this taxonomic group, which is relatively well studied (136 and 80 cerambycid taxa established in Bulgarian and Turkish parts, respectively). In addition, the new records increase the strength of cerambycid fauna of the region. Because of low altitude and absence of coniferous belt, no more than 30-40 species could be found in further studies in Strandzha, which indicate that the knowledge of cerambycids in the mountain is about 75-80%.

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E-mails: ggeorg.fri@gmail.com, dgradinarov@abv.bg, gjonov@cicadina.com, sakalian@online.bg