

A check-list of longicorn beetles (Coleoptera: Cerambycidae) of Tyumenskaya Oblast of Russia

Аннотированный список жуков-усачей (Coleoptera: Cerambycidae) Тюменской области

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Abstract. A checklist of 99 Longhorn beetle species (Cerambycidae) from 59 genera occurring in Tyumenskaya Oblast of Russia, compiled on the basis of author's material, museum collections and literature sources, is presented. Eleven species, *Dinoptera collaris* (Linnaeus, 1758), *Pachytodes erraticus* (Dalman, 1817), *Stenurella bifasciata* (Müller, 1776), *Tetropium gracilicorne* Reitter, 1889, *Spondylis buprestoides* (Linnaeus, 1758), *Pronocera sibirica* (Gebler, 1848), *Semanotus undatus* (Linnaeus, 1758), *Monochamus impluviatus* (Motschulsky, 1859), *Lamia textor* (Linnaeus, 1758), *Exocentrus lusitanus* (Linnaeus, 1767) and *Phytoecia coerulescens* (Scopoli, 1763), are recorded for the region for the first time.

Резюме. В работе представлен аннотированный список жуков-усачей (Cerambycidae) Тюменской области, основанный на материалах авторов, музейных коллекций и литературных данных. Выявлено 99 видов из 59 родов. Одинадцать видов: *Dinoptera collaris* (Linnaeus, 1758), *Pachytodes erraticus* (Dalman, 1817), *Stenurella bifasciata* (Müller, 1776), *Tetropium gracilicorne* Reitter, 1889, *Spondylis buprestoides* (Linnaeus, 1758), *Pronocera sibirica* (Gebler, 1848), *Semanotus undatus* (Linnaeus, 1758), *Monochamus impluviatus* (Motschulsky, 1859), *Lamia textor* (Linnaeus, 1758), *Exocentrus lusitanus* (Linnaeus, 1767) и *Phytoecia coerulescens* (Scopoli, 1763) для региона приводятся впервые.

Introduction

The fauna of Longicorn beetles (Cerambycidae) of Russia is well studied and, at present, includes 586 species [Danilevsky, 2019]. However, not all regions are well investigated, among them the vast territory of Western Siberia. The most extensive information on the species diversity of this family in Western Siberia is given in a series of keys to species of Longicorns of North Asia [Cherepanov, 1979, 1981, 1982, 1983, 1984, 1985], based mainly on collections from Tomskaya oblast, Novosibirskaya oblast and Altai. Research that is more contemporary includes only a list of 96 species of Ce-

rambycidae of Tomskaya oblast [Kuleshov, Romanenko, 2009].

The data on the fauna of longicorn beetles of the Tyumenskaya oblast are fragmentary. Ernest Chiki gave the first references of the Cerambycidae of Tyumen oblast at the beginning of the XX century. He indicated 11 species and noted in general the northern character of the entomofauna of the region [Csiki, 1901]. Later, several species were mentioned in the articles of Yu.M. Kolosov [1914, 1928, 1933] and K.P. Samko [1928a, b], as well as in the later articles of N.N. Plavilshchikov [1936, 1940] and A.I. Cherepanov [1970, 1979, 1981]. In 80-ies and 90-ies XX century the beetles were studied, including Cerambycidae, of Polar, Nether-Polar Ural, lower reaches of the Ob and Yamal peninsula [Olshvang, 1977, 1980, 1992; Ryabitshev, 1997; Zinovyev, Olshvang, 2003]. Since 1998, rare and interesting species of Longicorns have been investigated [Sitnikov, 1998, 2000, 2002, 2010, 2013; Sitnikov et al., 2004, 2013; Tolstikov et al., 2013; Stolbov et al., 2017], some of them were included in the 1-st edition of the Red Data Book of the Tyumen oblast [2004]. Also, Longicorn beetles were studied in some protected areas [Zinovyev, Ryabitshev, 2000; Zinovyev, Malozemov, 2002; Zinovyev, Nesterkov, 2003; Zinovyev, 2005, 2008; Koltunov et al., 2009; Ukhova, 2010]. In 2011 as a result of many years' research a checklist of the beetles has been published of southern taiga zone, including 60 species of Cerambycidae [Bukhkalo et al., 2011].

Tyumenskaya oblast located on the border with the Urals, is interesting from the faunistic point of view, as the region along which are located the borders of the ranges of European and Siberian species, including twin species, the boundaries of which are still not completely understood [Lazarev, 2009; Danilevsky, 2014]. Thus, investigating of these species in the studied territory is very important for zoogeography and to understand their speciation processes.

Material and methods

The basis of this research is formed by the many years' collections of authors in the territory of the Tyumen oblast. Beetles were collected using traditional methods of entomological research. The authors studied the collections of the Tobolsk Complex Scientific Station of the Russian Academy of Sciences, Tobolsk Historical and Architectural Museum-Reserve, Museum Complex of Slotvsov (Tyumen), Zoological Museum of Tyumen State University, Museum of Institute of Plant and Animal Ecology of the Russian Academy of Sciences (Yekaterinburg) and private collections. The identification of most species was carried out by the authors of the article, also by M.L. Danilevsky (A.N. Severtsov Institute of Ecology and Evolution, Moscow) for some doubtful species. All literature, including rare regional editions, critically examined and analyzed.

The list contains literary references for each species, as well as data on general information and regional distribution. Detailed label data is given only for rare species, known from single finds. For other species the nearest inhabited localities are indicated (listed from north to south).

Nomenclature and general information on the distribution of species is adopted according to the catalog of M.L. Danilevsky [2019].

The following abbreviations are used in the text: **AS** — Administrative South of Tyumenskaya oblast, **IPAE** — Institute of Plant and Animal Ecology of Russian Academy of Sciences (Yekaterinburg), **KHMAO** — Khanty-Mansi Autonomous Okrug, **MK** — Museum Complex of Slotvsov (Tyumen), **NM** — Natural monument, **NP** — Nature Park, **NR** — Nature Reserve, **YANAO** — Yamalo-Nenets Autonomous Okrug, **ZIN** — Zoological Institute of Russian Academy of Sciences (St. Petersburg). New species for the Tyumenskaya oblast are marked with (*), species known only from literary data are marked with (**).

List of species

Cerambycidae Latreille, 1802

Prioninae Latreille, 1802

Meroscelisini

Tragosoma deparium (Linnaeus, 1767)

Tragosoma deparium: Tobolsk [Kolosov, 1933]; West of Konda river, Mazurova, Kuchak, Ivanovka [Sitnikov, 2000, 2013; Red Data Book..., 2004; Tolstikov et al., 2013]; Kryukovskoe NM [Sitnikov, 2013]; Kondinskiye lakes NP [Ukhova, 2010; Kondinskiye..., 2012].

Distribution. Europe, European Russia, Siberia.

Lepturinae Latreille, 1802

Rhagiini

Rhagium (Megarhagium) mordax (DeGeer, 1775)

Rhagium mordax: Tyumen [Csiki, 1901]; «Tobolsk province» [Kiseleva, 1926]; Tobolsk [Plavilstshikov, 1936]; mount Neroika [Zinovyev, Olshvang, 2003]; Tobolsk, Missiya RS [Bukhkalov et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Surgutsky (Yugansky NR), Nizhnevartovsky (Agan River) districts. AS: Uvatsky (Uvat), Tobolsky (Vinokurova, Ovsyannikova), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka), Tyumensky (Bogandinsky), Vikulovsky (Yushkova), Abatsky (Mayka), Isetsky (Maryino ushchelye NM), Aromashevsky (Novopetrovo) districts.

Distribution. Europe, European Russia, Siberia, Kazakhstan.

***Rhagium (Megarhagium) sycophanta* (Schrank, 1781)

Rhagium sycophanta: Tobolsk [Plavilstshikov, 1915a; 1936].

Distribution. Europe, European Russia, ? West Siberia.

Remarks. In Western Siberia, including Tobolsk, it is known only by the old publications of N.N. Plavilstshikov. In modern studies on the territory of the Tyumenskaya oblast this species is not found, and its presence in the region is unlikely and requires confirmation.

Rhagium (Rhagium) inquisitor Linnaeus, 1758

Rhagium inquisitor: Tobolsk [Plavilstshikov, 1915a]; Oktyabrskoye [Korshunov, 1973]; Muravlenko [Zinovyev, Ryabitsev, 2000]; Tobolsk, Abalak, Missiya RS [Bukhkalov et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Surgutsky (Yugansky NR), Nizhnevartovsky (Agan River) districts. AS: Uvatsky (Kunyaksky reserve, Uvat), Tobolsky (Maslova, Vinokurova, Nadtsey), Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (vicinity of Lake Andreevskoe, Bogandinsky, Tyumen), Uporovsky (Staraya Shadrina), Armizonsky (Krashenevo) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Mongolia.

Stenocorus (Stenocorus) meridianus (Linnaeus, 1758)

Stenocorus meridianus: Pleshkovskie Uvaly NM, Urochishche Sogra NM [Lomakin et al., 2001; Red Data Book..., 2004; Stolbov et al., 2017]; Urochishche Cholpan NM [Kratskiy, Pekin, 2014]; Shashova [Galich, 2016].

Material. AS: Uporovsky distr., vicinity of Chernaya vill., 1.08.2017, 1 ex., V.I. Kapitonov.

Distribution. Europe, European Russia, Siberia, Kazakhstan.

Pachyta lamed (Linnaeus, 1758)

Pachyta lamed: Oktyabrskoye [Chugunov, 1917]; Konda river, Tobolsk [Kolosov, 1933]; Sibirskiy Uvaly NP [Zinovyev, Nesterkov, 2003]; «Tyumen oblast» [Danilevsky, 2014].

Material. YANAO: Yamalsky district (Yuribei river basin). KHMAO: Beryozovsky (Sosva, collection of IPAE), Surgutsky (Yugansky NR), Nizhnevartovsky (Pokur) districts. AS: Nizhnetavdinsky district (vicinity of Lake Kuchak).

Distribution. Europe, European Russia, Siberia, Far East, Mongolia, China, Korea, Japan.

Pachyta quadrimaculata (Linnaeus, 1758)

Pachyta quadrimaculata: Armizonskoye [Striganova, Poryadina, 2005]; Abalak [Bukhkalov et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Surgutsky district (Yugansky NR). AS: Uvatsky (Missiya RS), Tobolsky (Tobolsk), Vagaysky (Kryukovskoe NM, Vagay), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka),

Tyumensky (Krivodanovaya, Golovina, Mullashi, Bogandinsky, Chervishevo, Kamenka), Isetsky (Maryino ushchelye NM, Bityuki), Zavodoukovsky (Komissarovsky reserve), Uporovsky (Uporovsky reserve), Armizonsky (Krashenevo) districts.

Distribution. Europe, European Russia, Siberia, Kazakhstan, Mongolia, China.

Evodinellus (Evodinellus) borealis
(Gyllenhal, 1827)

Evodinellus borealis: «Tyumen region» [Danilevsky, 2014].

Material. KHMAO: Sovetsky distr., Sovetsky, 25.06.1982, T. Galasyeva (ML. Danilevsky, pers. comm.); Nefteyugansky distr., Nefteyugansk, 11.07.1986, P.S. Sitnikov.

Distribution. North Europe, North European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Brachyta (Variobrachyta) variabilis
(Gebler, 1817)

Evodinus variabilis: Tobolsk [Plavilstshikov, 1915b]; «Tobolsk province» [Kiseleva, 1926].

Brachyta variabilis: «Tyumen oblast» [Danilevsky, 2014].

Distribution. European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Remarks. Known only by the old collections (1929) of K.P. Samko (collection of Tobolsk Historical and Architectural Museum-Reserve) and literary mentions from the environs of Tobolsk.

Brachyta (Brachyta) interrogationis
(Linnaeus, 1758)

Evodinus interrogationis: «Polar Ural» [Fridolin, 1935; Olshvang, 1980], Khadytayakha river [Olshvang, 1992]; Sibirskiy uvaly NP [Zinovyev, Malozemov, 2002]; mount Neroka, Shchekurya river [Zinovyev, Olshvang, 2003].

Brachyta interrogationis: Tobolsk [Csiki, 1901]; Rafaylovsky reserve [Obogrelov et al., 2002]; Tobolsk, Missiya RS [Bukhhalo et al., 2011]; Lake Shchuchye [Danilevsky, 2014].

Material. YANAO: Krasnoselkupsky district (Pyulky river). KHMAO: Beryozovsky (Pripolyarny), Nizhnevartovsky (Pokur), Surgutsky (Yugansky NR) districts. AS: Uvatsky (Uvat), Tobolsky (Verkhniye Aremzyany, Ovsyannikova), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Mazurova), Tyumensky (Bogandinsky, Onokhino), Isetsky (Bityuki), Yalutorovsky (Lake Singul, Moshkarinsky reserve), Sladkovsky (Ostropyatovo, Tavolzhany) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, Korea, China.

Carilia virginea (Linnaeus, 1758)

Gaurotes virginea: Tyumen, Khmelyova [Csiki, 1901]; Yalutorovsk [Kolosov, 1914]; Tobolsk, Vinokurova [Bukhhalo et al., 2011].

Carilia virginea: Tobolsk [Danilevsky, 2014].

Material. KHMAO: Surgutsky district (Yugansky NR, collection of IPAE). AS: Tobolsky (Abalak, Ovsyannikova), Nizhnetavdinsky (vicinity of Lake Kuchak, Velizhany), Yarkovsky (Mazurova), Tyumensky (Bogandinsky) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, Korea, China.

Euracmaeops marginatus
(Fabricius, 1781)

Acmaeops marginata: Khmelyova [Csiki, 1901]; Shchuchya river [Shukhov, 1914]; Peregyobnoye, Oktyabrskoye [Kolosov, 1933].

Acmaeops marginatus: Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. YANAO: Purovsky district (Gubkinsky). KHMAO: Nizhnevartovsky district (Sibirskiy uvaly NP, collection of IPAE). AS: Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Motushi) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China.

Euracmaeops septentrionis
(Thomson, 1866)

Acmaeops septentrionis: Salekhard [Cherepanov, 1970]; Venyueoyakha river [Ryabitshev, 1997].

Material. YANAO: Priuralsky (Kharp, collection of IPAE), Nadymsky (Nadymskoye gorodishche, collection of IPAE) districts. KHMAO: Surgutsky district (Yugansky NR).

Distribution. Europe, European Russia, Siberia and Russian Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Euracmaeops smaragdulus
(Fabricius, 1793)

Acmaeops smaragdula: Salekhard, Peregyobnoye, Syoyakha [Kolosov, 1933]; Mount Payer [Fridolin, 1935]; «Polar Ural», «lower reaches of the Ob», Khadytayakha river [Olshvang, 1977, 1980, 1992].

Acmaeops smaragdulus: Sibirskiy uvaly NP [Zinovyev, Nesterov, 2003]; Tobolsk [Bukhhalo et al., 2011].

Euracmaeops smaragdulus: Yamal [Danilevsky, 2014].

Material. YANAO: Purovsky (Novy Urengoy), Krasnoselkupsky (Krasnoselkup, Ratta) districts. KHMAO: Beryozovsky (Vogulka reserve, Beryozovo, Pripolyarnyy), Surgutsky (Yugansky NR) districts.

Distribution. North Europe, North European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Euracmaeops angusticollis
(Gebler, 1833)

Acmaeops angusticollis: Krasnoselkup [Sitnikov, 2000].

Distribution. Poland, Belarus, North European Russia, Siberia, Far East, Mongolia, China, Korea, Japan.

Gnathacmaeops pratensis
(Laicharting, 1784)

Acmaeops pratensis: Mount Payer [Fridolin, 1935]; Kharp, «lower reaches of the Ob», Khadytayakha river [Olshvang, 1977, 1980, 1992]; Malaya Sosva NR, Mazurova [Striganova, Poryadina, 2005]; Tobolsk, Vinokurova, Abalak [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. YANAO: Priuralsky (Oktyabrsky, Salekhard, Labytnangi, Zelenyy Yar), Tazovsky (Tazovsky), Krasnoselkupsky (Upper Taz NR), Shuryshkarsky (Muzhi) districts. KHMAO: Beryozovsky (Beryozovo), Surgutsky (Yugansky NR), Nizhnevartovsky (Agan River, Pokur, Sibirskiy uvaly NP) districts. AS: Nizhnetavdinsky (Lake Kultybayka), Tyumensky (Borovsky) and Isetsky (Maryino ushchelye NM) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Central Asia, Mongolia, China, Korea.

**Dinoptera collaris*
(Linnaeus, 1758)

Material. AS: Nizhnetavdinsky distr., vicinity of Lake Kuchak, 22.06.1996, 1 ex., A.N. Mokhratov, 29.06.1996, 1 ex., A.N. Mokhratov, 13.07.1997, 1 ex., A.N. Mokhratov, 13.06.2002, 1 ex., Samorokova, 6.07.2003, 2 ex., V.A. Stolbov, 10.07.2003, 1 ex., P. Vasilyev, 4.07.2009, 1 ex., Kozak, 15.07.2017, 1 ex., S.D. Sheykin; Lake Bayrak, 10.07.1994, 1 ex., P.S. Sitnikov; Lake Kultybayka, 9.07.1994, 1 ex.,

P.S. Sitnikov, 6.07.1995, 2 ex., P.S. Sitnikov, 3.07.1997, 1 ex., P.S. Sitnikov; Tyumensky distr., Embaevoy vill., 14.07.2001, 1 ex., V.A. Abramov; Chervishevo vill., 4.07.1982, 1 ex., P.S. Sitnikov, 27.06.1987, 1 ex., P.S. Sitnikov; Levashi vill., 2.07.1985, 1 ex., P.S. Sitnikov; Zavodoukovsky distr., Gilyovo vill., 28.06.2006, 1 ex., V.A. Stolbov; Berdyuzhsky distr., Okunyovo vill., 10.07.2018, 2 ex., E.V. Sergeeva; Sladkovsky distr., Gulyay-Pole vill., 23.06.1990, 1 ex., P.S. Sitnikov; Ostropyatovo vill., 27.06.1990, 1 ex., P.S. Sitnikov; Sladkovo vill., 28.06.1990, 1 ex., P.S. Sitnikov.

Distribution. Europe, European Russia, Caucasus, West Siberia, Kazakhstan, Near East, China.

Cortodera femorata (Fabricius, 1787)

Cortodera femorata: Tyumen [Sitnikov, 2000; Sitnikov et al., 2004; Red Data Book..., 2004]; Kuchak [Shapovalov, 2012; Danilevsky, 2014].

Material. AS: Nizhnetavdinsky distr., vicinity of Lake Kuchak, 16.06.2004, 1 ex., M.Yu. Lupinos; 01.07.2019, 1 ex., V.A. Stolbov.

Distribution. Europe, European Russia, West Siberia.

Lepturini

***Cornumutilla lineata* (Letzner, 1844)

Letzneria quadrivittata: Tobolsk [Koloso, 1933].

Cornumutilla quadrivittata: Sureya [Plavilstshikov, 1936].

Cornumutilla lineata: Sureya [Lazarev, 2009; Danilevsky, 2014].

Distribution. Europe, European Russia, Siberia.

Remarks. In Tyumenskaya oblast is known only from old articles. Yu.M. Kolosov [1933] mentioned this species for Tobolsk as *Letzneria quadrivittata* Gebl., with the remark «the specimen somewhat different from the typical form». Based on the species range, we assume that this specimen belongs to the *Cornumutilla lineata* (Letz.). This is evidenced by the later mention of this species [Plavilstshikov, 1936] for the Tobolsk district (Sureya), the specimen of which was later identified as *Cornumutilla lineata* [Lazarev, 2009] (collection of ZIN).

Nivellia sanguinosa (Gyllenhal, 1827)

Nivellia sanguinosa: Tobolsk [Koloso, 1933]; Tyumen [Cherepanov, 1979]; «Tyumen oblast» [Danilevsky, 2014].

Material. KHMAO: Beryozovsky (Pripolyarnyi), Surgutsky (Yugansky NR) districts. AS: Uvatsky district (Uvat).

Distribution. Europe, European Russia, Siberia and Russian Far East, Mongolia, China, Korea, Japan.

***Nivellia extensa* (Gebler, 1833)

Nivellia extensa: Mount Payer [Fridolin, 1935; Olshvang, 1980].

Distribution. Finland, North European Russia, Siberia and Russian Far East, Mongolia, China, Korea, Japan.

Remarks. Known only by literature from Mount Payer (Shuryshkarsky distr., YANA O) without the exact geographical point. Finding this species in the region needs confirmation.

Alosterna tabacicolor (DeGeer, 1775)

Alosterna tabacicolor: Tyumen [Csiki, 1901]; Khanty-Mansiysk [Zinoviyev, 2005, 2008; Koltunov et al., 2009]; Durykina, Missiya RS [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Nefteyugansky (Nefteyugansk, Zapadno-Malobalykskoye oil field), Surgutsky (Yugansky NR) districts. AS: Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Yarkovsky (Mazurova), Tyumensky (vicinity of Lake Andreevskoe, Rechkina), Isetsky (Olkhovka river) districts.

Distribution. Europe, European Russia, Caucasus, Siberia and Russian Far East, Near East, Kazakhstan, Mongolia, China Korea, Japan.

Pseudovadonia livida (Fabricius, 1777)

Pseudovadonia livida: Missiya RS, Tobolsk, Abalak, Vinokurova [Bukhhalo et al., 2011].

Material. KHMAO: Surgutsky district (Yugansky NR). AS: Tobolsky (Ingair, Maslova), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Dubrovnoe), Tyumensky (vicinity of Lake Andreevskoe), Uporovsky (Morevo, Pushkaryova), Berdyuzhsky (Berdyuzhye) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Near East, Kazakhstan, Central Asia.

Stictoleptura (Aredolpona) rubra (Linnaeus, 1758)

Leptura rubra: Tyumen [Csiki, 1901]; Oktyabrskoye [Korshunov, 1973].

Anoplodera rubra: Khanty-Mansiysk [Cherepanov, 1979].

Corymbia rubra: Samarovsky Chugas NP [Zinoviyev, 2005, 2008; Koltunov et al., 2009].

Stictoleptura rubra: Tobolsk, Durykina, Abalak [Bukhhalo et al., 2011]; Khanty-Mansiysk [Danilevsky, 2014].

Material. AS: Uvatsky (Missiya RS), Tobolsky (Vinokurova, Maslova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka, Lake Bayrak), Yarkovsky (Mazurova), Tyumensky (vicinity of Lake Andreevskoe, Bogandinsky), Isetsky (Maryino ushchelye NM), Zavodoukovsky (Komissarovskiy reserve), Uporovsky (Uporovskiy reserve) districts.

Distribution. Europe, European Russia, Siberia, Kazakhstan.

Stictoleptura (Varileptura) variicornis (Dalman, 1817)

Anoplodera variicornis: Uvat, Nadtsy, Ingair [Sitnikov, 2002].

Corymbia variicornis: Uvat, Nadtsy, Ingair [Sitnikov et al., 2004; Red Data Book..., 2004]; Abalak [Alemasova, Galich, 2006].

Stictoleptura variicornis: Tobolsk, Abalak [Bukhhalo et al., 2011].

Material. AS: Uvatsky distr., vicinity of Missiya RS, 13-14.08.2014, 4 ex., E.V. Sergeeva.

Distribution. North East Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Anastrangalia sanguinolenta (Linnaeus, 1760)

Leptura sanguinolenta: Tyumen [Csiki, 1901]; Oktyabrskoye, Tobolsk [Koloso, 1933]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Leptura dubia: Oktyabrskoye, Strelvskoye [Chugunov, 1917].

Anastrangalia sanguinolenta: Samarovsky Chugas NP [Zinoviyev, 2005, 2008; Koltunov et al., 2009].

Anoplodera sanguinolenta: Tobolsk [Bukhhalo et al., 2011].

Material. AS: Nizhnetavdinsky distr., vicinity of Lake Kuchak, 15.06.2004, 1 ex., A.L. Kulikova, 06.2008, 1 ex., V.A. Stolbov, 22.06.2010, 1 ex., V.A. Stolbov; Tyumensky distr., Krivodanovaya vill., 15.07.2004, 1 ex., V.A. Abramov; Isetsky distr., Maryino ushchelye NM, 28.07.2018, 1 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Caucasus, West Siberia, Kazakhstan.

Anastrangalia reyi (Heyden, 1885)

Anastrangalia reyi: Khanty-Mansiysk [Koltunov et al., 2009].

Anoplodera reyi: Missiya RS, Vinokurova, Tobolsk, Abalak [Bukhhalo et al., 2011].

Material. KHMAO: Beryozovsky (Vogulka reserve, Beryozovo), Beloyarsky (Sorumsky reserve), Nefteyugansky (Nefteyugansk, Zapadno-Malobalykskoye oil field), Surgutsky (Yugansky NR) districts. AS: Tobolsky (Penya), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Dubrovnoe, Motushi), Tyumensky (Borovsky, Tyumen), Isetsky (Olhovka river), Zavodoukovsky (Komissarovsky reserve), Abatsky (Konyovo), Sladkovsky (Gulyay-Pole) districts.

Distribution. Europe, European Russia, West Siberia, Kazakhstan.

***Anastrangalia renardi* (Gebler, 1848)

Leptura renardi: Beryozovo [Kolosov, 1933].

Distribution. North European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Remarks. Currently known only by old mention from Beryozovo (KHMAO). Finding this species in the region needs confirmation.

Lepturobosca virens (Linnaeus, 1758)

Leptura virens: Yalutorovsk [Kolosov, 1914]; «Tobolsk province» [Kiseleva, 1926]; Oktyabrskoye [Korshunov, 1973]; Noyabrsk [Zinovyev, Ryabitshev, 2000]; Sibirskiy uvaly NP [Zinovyev, Nesterkov, 2003]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Lepturobosca virens: Samarovsky Chugas NP, Khanty-Mansiysk [Zinovyev, 2005, 2008; Koltunov et al., 2009]; Batovo [Gerasimov et al., 2015].

Anoplodera virens: Tobolsk, Abalak [Bukhhalo et al., 2011].

Material. YANAO: Krasnoselkupsky district (Upper Taz NR). KHMAO: Beryozovsky (Vogulka reserve, Pripolyarniy), Beloyarsky (Sorumsky reserve), Oktyabrsky (Malyi Atlym), Sovetsky (Sovetsky), Nefteyugansky (Nefteyugansk, Pyt-Yakh), Surgutsky (Yugansky NR), Nizhneavartovsky (Pokur) districts. AS: Uvatsky (Kunyaksky reserve, Gornoslinkino, Missiya RS, Uvat), Tobolsky (Ingair, Vinokurova, Ovsyannikova, Maslova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kuliybayka), Yarkovsky (Dubrovnoe, Mazurova), Tyumensky (Krivodanova, Bogandinsky, Chervishevo, Lake Lukashinskoye), Zavodoukovsky (Komissarovsky reserve), Omutinsky (Omutinsky reserve) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China.

Judolia sexmaculata (Linnaeus, 1758)

Leptura sexmaculata: Shchuchya river [Shukhov 1914; Samko, 1928b].

Judolia sexmaculata: Mount Payer, Lake Varchato [Fridolin, 1935]; Salekhard [Cherepanov, 1970]; «Polar Ural», «lower reaches of the Ob», Khadytayakha river [Olshvang, 1977, 1980, 1992; Zinovyev, Olshvang, 2003]; Samarovsky Chugas NP [Zinovyev, 2008; Koltunov et al., 2009]; Tobolsk [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012]; Yugansky NR [Shapovalov, 2012; Danilevsky, 2014]; Batovo [Gerasimov et al., 2015].

Material. KHMAO: Beryozovsky (Pripolyarniy), Nefteyugansky (Nefteyugansk) districts. AS: Tobolsky (Abramova, Ingair, Verkhniye Aremzyany, Penya), Tyumensky (Uspensky reserve, vicinity of Lake Andreevskoe) districts.

Distribution. Europe, European Russia, West Siberia, Kazakhstan.

Remarks. According to M.L. Danilevsky [2014], in Yugansky Nature Reserve area (Surgutsky distr., KHMAO) population of this species has a transitional character to the *Judolia dentatofasciata* (Mannerheim, 1852). Probably, the old literary mentions of *J. sexmaculata* from the territory of YANAO and from the north of KHMAO [Fridolin, 1936; Cherepanov, 1970; Olshvang, 1977, 1980, 1992; Zinovyev, Olshvang, 2003] should be attributed to *J. dentatofasciata*, cited for these territories in modern studies [Shapovalov, 2012; Danilevsky, 2014].

***Judolia dentatofasciata* (Mannerheim, 1852)

Judolia dentatofasciata: Many River, Kharp [Shapovalov, 2012]; Khadytayakha river, Shchuchya River [Danilevsky, 2014].

Distribution. North European Russia, Siberia, Far East, Mongolia, China, Korea, Japan.

**Pachytodes erraticus* (Dalman, 1817)

Material. AS: Tyumensky distr., Kamenka vill., 1.07.1991, 1 ex., P.S. Sitnikov; Zavodoukovsky distr., Gilyovo vill., 14.07.2005, 1 ex., V.A. Stolbov; Komissarovsky reserve, 27.07.2003, 1 ex., A.V. Tolstikov; Omutinsky distr., 26.07.2003, 1 ex., A.V. Tolstikov; Ishimsky distr., Bolshoy Ostrov vill., 21.07.2000, 1 ex., P.S. Sitnikov; Armizonsky distr., Novoryamovo vill., 29.07.2017, 1 ex., V.A. Stolbov; Berdyuzhsky distr., Berdyuzhye vill., 7.08.2003, 1 ex., E.V. Sergeeva; Staroryamovo vill., 30.07.2017, 1 ex., V.A. Stolbov; Kazansky distr., Blagodatnoye vill., 24.07.2000, 1 ex., P.S. Sitnikov; Malye Yarki vill., 3.08.2014, 1 ex., S.A. Ivanov; Sladkovsky distr., Gulyay-Pole vill., 23.06.1990, 4 ex., P.S. Sitnikov; Kochkarnoye vill., 8.08.2018, 2 ex., P.S. Sitnikov.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Near East.

Oedecnema gebleri Ganglbauer, 1889

Oedecnema dubia: Tyumen [Csiki, 1901].

Oedecnema gebleri: Tobolsk [Bukhhalo et al., 2011].

Material. KHMAO: Surgutsky district (Yugansky NR). AS: Tobolsky (Nadtsy), Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (Borovsky, Bogandinsky, Kamenka), Uporovsky (Emurtla, Shashova) districts.

Distribution. Ukraine, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Leptura (Macroleptura) thoracica Creutzer, 1799

Leptura thoracica: Lake Kuliybayka, Dubrovnoe [Sitnikov, 2000]; Missiya RS [Bukhhalo et al., 2011].

Material. AS: Tobolsky (Tobolsk), Vagaysky (Kryukovskoe NM), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Staroalexandrovka), Zavodoukovsky (Zavodoukovsk), Isetsky (Maryino ushchelye NM), Berdyuzhsky (Okunovo, Polovinnoe) districts.

Distribution. Europe, European Russia, Caucasus, Siberia and Russian Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Leptura (Leptura) quadrifasciata Linnaeus, 1758

Strangalia quadrifasciata: Yalutorovsk [Kolosov, 1914]; Strelvskoye [Chugunov, 1917]; Oktyabrskoye [Korshunov, 1973].

Leptura quadrifasciata: Samarovsky Chugas NP [Zinovyev, 2008; Koltunov et al., 2009]; Missiya RS, Tobolsk, Vinokurova [Bukhhalo et al., 2011]; Batovo [Gerasimov et al., 2015].

Material. YANAO: Krasnoselkupsky district (Ratta). KHMAO: Beloyarsky (Sorumsky reserve), Oktyabrsky (Peregryobnoye), Khanty-Mansiysky (Khanty-Mansiysk, Gornopravdinsk), Nefteyugansky (Nefteyugansk), Surgutsky (Yugansky NR), Nizhnevartovskiy (Pokur) districts. AS: Tobolsky (Ingair, Verkhniye Aremzyany, Abalak, Maslova), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Tyumensky (Krivodanova, Tyumen, Onokhino, vicinity of Lake Andreevskoe), Zavodoukovskiy (Komissarovskiy reserve, Gilyovo, Michurinsky), Vikulovskiy (Yushkova), Omutinsky (Omutinsky reserve), Uporovskiy (Pushkaryova), Armizonskiy (Krashenyovo), Ishimskiy (Ishim), Berduzhskiy (Staroryamovo), Sladkovskiy (Gulyay-Pole, Mayka, Tavolzhan) districts.

Distribution. Europe, European Russia, Caucasus, Siberia and Russian Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Leptura (Leptura) annularis Fabricius, 1801

Leptura annularis: Tobolsk, Abalak [Bukhkalov et al., 2011].

Material. AS: Tobolsky (Ingair, Verkhniye Aremzyany, Ovsyannikova), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Bayrak, Lake Kul'tybayka, Velizhany), Tyumensky (Bogandinsky, Chervishevo), Zavodoukovskiy (Komissarovskiy reserve) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Leptura (Leptura) aethiops Poda, 1761

Strangalia aethiops: Oktyabrskoye [Korshunov, 1973].

Leptura aethiops: Missiya RS, Vinokurova, Tobolsk [Bukhkalov et al., 2011].

Material. KHMAO: Beryozovskiy (Pripolyarniy, Volya river), Khanty-Mansiysky (Khanty-Mansiysk), Nefteyugansky (Salym, Nefteyugansk), Surgutskiy (Yugansky NR), Nizhnevartovskiy (Pokur) districts. AS: Uvatskiy (Kunyanskiy reserve), Tobolskiy (Ingair, Ovsyannikova, Abalak, Penya), Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumenskiy (Tyumen, Bogandinsky, Chervishevo, Levashi), Abatskiy (Konyova) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Lepturalia nigripes (DeGeer, 1775)

Strangalia nigripes: Yalutorovsk [Koloso, 1914]; Strelovskoye [Chugunov, 1917]; Tyumen [Cherepanov, 1970].

Lepturalia nigripes: Missiya RS, Vinokurova, Tobolsk, Abalak [Bukhkalov et al., 2011]; Batovo [Gerasimov et al., 2015].

Material. YANAO: Krasnoselkupsky district (Ratta). KHMAO: Oktyabrsky (Peregryobnoye), Khanty-Mansiysky (Khanty-Mansiysk), Nefteyugansky (Nefteyugansk), Surgutskiy (Yugansky NR), Nizhnevartovskiy (Pokur) districts. AS: Tobolskiy (Ingair), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Yarkovskiy (Dubrovnoe, Mazurova, Motushi), Tyumenskiy (vicinity of Lake Andreevskoe, Krivodanova, Bogandinsky, Lake Lukashinskoye, Lake Taraskul), Yalutorovskiy (Lake Singul), Uporovskiy (Pushkaryova, Shashova), Omutinskiy (Omutinsky reserve), Abatskiy (Mayka), Ishimskiy (Ishim), Sladkovskiy (Sladkovo, Travnoye, Ostropyatovo, Gulyay-Pole, Tavolzhan) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Remarks. In the collections there are specimens, corresponding by colouration of both the western (*L. nigripes nigripes* Deg.) and eastern (*L. nigripes rufipennis* (Blessig, 1873)) subspecies. In the territory of Western Siberia, there is a zone of contact between two subspecies [Danilevskiy, 2014], herewith according to the materials of the collections studied, more than 70% of the specimens belong to the nominative subspecies.

Strangalia attenuata (Linnaeus, 1758)

Leptura attenuata: Chernaya Rechka [Redikortsev, 1908]; Yalutorovsk [Koloso, 1914].

Strangalia attenuata: Tobolsk [Bukhkalov et al., 2011].

Material. AS: Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Yarkovskiy (Mazurova), Tyumenskiy (vicinity of Lake Andreevskoe, Bogandinsky, Kamenka), Isetskiy (Maryino ushchelye NM), Uporovskiy (Uporovskiy reserve), Armizonskiy (Krashenyovo) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Near East, Mongolia, China, Korea, Japan.

Stenurella (Stenurella) melanura (Linnaeus, 1758)

Strangalia melanura: Oktyabrskoye [Korshunov, 1973].

Leptura melanura: Vinokurova, Tobolsk, Abalak [Bukhkalov et al., 2011].

Material. AS: Yarkovskiy (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka, Lake Bayrak), Tyumenskiy (Tyumen, Krivodanova, Bogandinsky, Chervishevo, vicinity of Lake Andreevskoe), Zavodoukovskiy (Komissarovskiy reserve), Uporovskiy (Uporovskiy reserve) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Near East, Mongolia, Japan.

**Stenurella (Priscostenurella) bifasciata* (Müller, 1776)

Material. AS: Nizhnetavdinsky distr., vicinity of Lake Kuchak, 10.07.1997, 1 ex., A.N. Mokhratov, 25.06.2005, 1 ex., V.A. Abramov, 2.07.2012, 3 ex., V.A. Stolbov, 15.07.2017, 1 ex., S.D. Sheykin; Lake Kul'tybayka, 22.07.1993, 1 ex., P.S. Sitnikov; Velizhany vill., 25.06.1997, 2 ex., P.S. Sitnikov; Yarkovskiy distr., Dubrovnoe vill., 8.07.2001, 1 ex., D.I. Sozinov; Mazurova vill., 12.07.1979, 1 ex., P.S. Sitnikov; Tyumenskiy distr., Tyumen, 20.07.2014, 1 ex., S.A. Ivanov; Chervishevo vill., 16.06.1997, 1 ex., P.S. Sitnikov; vicinity of Lake Andreevskoe, 21.07.1973, 1 ex., P.S. Sitnikov, 23.07.1992, 2 ex., A.V. Tolstikov; Lake Lukashinskoye, 28.06.1987, 1 ex., P.S. Sitnikov; Zavodoukovskiy distr., Gilyovo vill., 25.07.2005, 1 ex., V.A. Stolbov; Sladkovskiy distr., Mayka vill., 29.06.1990, 1 ex., P.S. Sitnikov; Usovo vill., 9.08.2018, 2 ex., P.S. Sitnikov.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Near East.

Necydalinae Latreille, 1825

Necydalini

Necydalis (Necydalis) major (Linnaeus, 1758)

Necydalis major: Denshchikova, Kosheleva [Chugunov, 1917]; Tobolsk [Samko, 1928a]; Oktyabrskoye [Korshunov, 1973]; vicinity of Lake Andreevskoe, Lake Kul'tybayka, Lake Bayrak, Dubrovnoe, Singulskiy forest NM [Sitnikov, 2000; Sitnikov et al., 2004; Red Data Book..., 2004]; Tobolsk, Degter'yovo [Alemosova, Galich, 2006; Bukhkalov et al., 2011].

Material. KHMAO: Beryozovskiy (Vogulka reserve), Surgutskiy (Yugansky NR) districts. AS: Uvatskiy (Missiya RS), Vagayskiy (Kryukovskoe NM), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovskiy (Motushi), Tyumenskiy (Tyumen) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Near East, Mongolia, China, Korea, Japan.

Spondylidinae Audinet-Serville, 1832

Asemini

Asemum striatum (Linnaeus, 1758)

Asemum striatum: Khmelyova [Csiki, 1901]; Plavilstshikov, 1930; Oktyabrskoye [Korshunov, 1973]; Kharp, «lower reaches of the Ob» [Olshvang, 1977, 1980]; Missiya RS [Bukh-

kalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Beryozovsky (Vogulka reserve), Surgutsky (Yugansky NR) districts. AS: Tobolsky (Tobolsk), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Mazurova), Tyumensky (Borovsky, Tyumen, Onokhino) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Central Asia, Mongolia, China, Korea, Japan.

Arhopalus (Arhopalus) rusticus
(Linnaeus, 1758)

Criocephalus rusticus: Beryozovo [Kiseleva, 1926]; Tyumen oblast [Cherepanov, 1970]; Oktyabrskoye [Korshunov, 1973]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Arhopalus rusticus: Sibirskiye uvaly NP [Zinovyev, Nesterkov, 2003]; Missiya RS [Bukhhalo et al., 2011].

Material. YANAO: Krasnoselkupsky district (Krasnoselkup, Ratta). KHMAO: Beryozovsky (Vogulka reserve), Khanty-Mansiysky (Khanty-Mansiysk), Surgutsky (Yugansky NR) districts. AS: Tobolsky (Tobolsk, Penya), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Yarkovsky (Dubrovnoe, Mazurova), Tyumensky (Tyumen, Embayev, Krivodanova, vicinity of Lake Andreevskoe), Uporovskiy (Emurtla) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Central Asia, Mongolia, China, Korea, Japan.

Tetropium castaneum
(Linnaeus, 1758)

Tetropium castaneum: Tobolsk [Koloso, 1933].

Tetropium gracilicorne: Tobolsk [Bukhhalo et al., 2011].

Material. YANAO: Krasnoselkupsky district (Krasnoselkup). KHMAO: Beloyarsky (Sorunsky reserve), Nefteyugansky (Zapadno-Malobalykskoye oil field), Surgutsky (Yugansky NR) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, China, Korea, Japan.

**Tetropium gracilicorne* Reitter, 1889

Material. YANAO, Krasnoselkupsky distr., environs of Krasnoselkup vill., 12.07.1989, 4 ex., P.S. Sitnikov (collection of MK).

Distribution. North European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

***Tetropium aquilonium*
Plavilstshikov, 1940

Tetropium aquilonium: Kushevskiy [Plavilstshikov, 1940; Danilevskiy, 2014]; Khadytayakha river [Olshvang, 1980]; Venyueoyaha river [Ryabitshev, 1997].

Distribution. Sweden, Finland, North European Russia, West Siberia.

Spondylidini

**Spondylis buprestoides* (Linnaeus, 1758)

Material. AS: Nizhnetavdinsky distr., vicinity of Lake Kuchak, 29.06.1995, 1 ex., L.D. Golosova, 9.07.1996, 1 ex., A.N. Mokhratov, 10.07.1997, 1 ex., A.N. Mokhratov, 15.07.1997, 1 ex., A.N. Mokhratov; Lake Kul'tybayka, 9.07.1995, 1 ex., P.S. Sitnikov, 7.07.1996, 1 ex., P.S. Sitnikov; Yarkovsky distr., Dubrovnoe vill., 7.07.2001, 1 ex., V.A. Abramov, 1.07.2001, 3 ex., V.A. Abramov; Mazurova vill., 25.06.1989, 1 ex., P.S. Sitnikov; Tyumensky distr., Krivodanova vill., 1.07.2002, 1 ex., V.A. Abramov, 26.07.2003, 1 ex.,

V.A. Abramov, 11.07.2004, 6 ex., V.A. Abramov; vicinity of Lake Andreevskoe, 23.07.1988, 1 ex., P.S. Sitnikov, 20.07.2003, 2 ex., V.A. Stolbov; Onokhino vill., 29.06.2016, 1 ex., P.S. Sitnikov; Uporovskiy distr., Uporovskiy reserve, 29.07.2003, 6 ex., A.V. Tolstikov.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Central Asia, Mongolia, China, Korea, Japan.

Cerambycinae Latreille, 1802

Purpuricenini

Purpuricenius globulicollis Mulsant, 1839

Purpuricenius tsherepanovae: Lake Taraskul, Kuchak [Sitnikov, 1998, 2000].

Purpuricenius kaehleri: Lake Taraskul, Kuchak [Sitnikov, 1998, 2000]; Lake Taraskul, Kuchak, Tavolzhansky [Red Data Book ..., 2004]; Tavolzhansky [Tolstikov et al., 2013].

Purpuricenius globulicollis: Uspenka [Danilevskiy et al., 2007]; Kuchak [Stolbov et al., 2017].

Distribution. Europe, European Russia, West Siberia, Kazakhstan.

Callichromatini

Aromia moschata (Linnaeus, 1758)

Aromia moschata: Yalutorovsk [Koloso, 1928]; Sovetskoy, Ingair, Tobolsk, Tyumen, Chervishhevo [Sitnikov, 2000, 2002; Red Data Book ..., 2004]; Maryino ushchelye NM [Obogrelov et al., 2002; Red Data Book ..., 2004]; Abalak reserve, Kryukovskoe NM, Pushkaryova [Sitnikov, 2013; Tolstikov et al., 2013]; urochishche Cholpan NM [Krasutskiy, Pekin, 2014]; Kuchak [Tolstikov et al., 2013; Galich, 2016; Stolbov et al., 2017].

Material. AS: Tyumensky distr., vicinity of Lake Andreevskoe, 24.06.2007, 1 ex., S.D. Sheykin; Isetskoy distr., Maryino ushchelye NM, 28.07.2018, 1 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Mongolia.

Obrini

Obrium cantharinum (Linnaeus, 1767)

Obrium cantharinum: Tobolsk, Tyumen, Lake Kul'tybayka [Sitnikov, 2000].

Obrium brunneum: Tobolsk [Bukhhalo et al., 2011].

Material. AS: Yarkovsky (Dubrovnoe, Mazurova), Tyumensky (Embayev, vicinity of Lake Andreevskoe), Yalutorovskiy (Sosnovka) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, Northwest China.

Molorchini

Molorchus (Caenoptera) minor
(Linnaeus, 1758)

Molorchus minor: Tobolsk [Bukhhalo et al., 2011].

Material. KHMAO: Surgutsky distr., Yugansky NR, Nyogusyakh river, science station Koganchino-2, 22.06.1997, 1 ex., A.N. Mokhratov. AS: Tobolsk, on *Padus avium*, 15.06.2013, 2 ex., 5.06.2015, 1 ex., 20.05.2017, 2 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Molorchus (Molorchus) umbellatarus
(Schreber, 1759)

Molorchus umbellatarus: Tobolsk [Bukhhalo et al., 2011].

Distribution. Europe, European Russia, Caucasus, Turkmenistan.

Remarks. The only mention of this species for the territory of Western Siberia.

Hylotrupini

****Hylotrupes bajulus** (Linnaeus, 1758)

Hylotrupes bajulus: Khanty-Mansiysk [Koltunov et al., 2009].

Distribution. North Africa, Europe, European Russia, Caucasus, West Siberia, China.

Remarks. Finding this species in the region needs confirmation.

Callidiini

***Pronocera sibirica** (Gebler, 1848)

Material. KHMAO, Surgutsky distr., Yugansky NR, Nyogusyakh river, science station Koganchino-2, 9.07.1997, 1 ex., A.N. Mokhratov.

Distribution. Siberia, Far East, Mongolia, Korea, China.

***Semanotus undatus** (Linnaeus, 1758)

Material. AS: Tobolsk, in a new (two-year-old) pine log house, 12.04.2016, 1 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Siberia and Russian Far East, Mongolia, China, Japan.

Callidium (Palaeocallidium) coriaceum
Paykull, 1800

Callidium coriaceum: Kharp [Olshvang, 1977], "lower reaches of the Ob river" [Olshvang, 1980].

Material. KHMAO: Beloyarsky distr., Sorumsky reserve, 16.07.2007, 2 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Siberia and Russian Far East, Mongolia, China, Japan.

Callidium (Callidium) violaceum (Linnaeus, 1758)

Callidium violaceum: Oktyabrskoye [Korshunov, 1973]; Samarovsky Chugas NP, Pyt-Yakh, Yugansky NR [Zinovyev, 2008; Koltunov et al., 2009]; Missiya RS, Tobolsk, Vinokurova, Abalak [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. AS: Uvatsky (Demyanskoye), Tobolsky (Maslova, Nadtsy), Nizhnetavdinsky (vicinity of Lake Kuchak), Yarkovsky (Motushi), Tyumensky (Tyumen) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

****Callidium (Callodostola) aeneum**
(DeGeer, 1775)

Callidium aeneum: Beryozovo [Kolosov, 1933]; Salekhard [Cherepanov, 1981]; Noyabrsk, Muravlenko [Zinovyev, Ryabitsev, 2000].

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Japan.

Clytini

Echinocerus floralis (Pallas, 1773)

Echinocerus floralis: Soloboevo, Sinitsinskiy bor, Afonkino NM [Sitnikov, 2010]; Bityuki [Sitnikov et al., 2013].

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Central Asia.

Chlorophorus (Immaculatus) herbstii
(Brahm, 1790)

Chlorophorus herbstii: Kuchak [Sitnikov, 2000; Red Data Book..., 2004]; Kryukovskoe NM [Sitnikov 2013].

Material. AS: Tobolsk, 23.05.2015, 1 ex., E.V. Sergeeva; Nizhnetavdinsky distr., vicinity of Lake Kuchak, 02.07.2019, 2 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Siberia, Kazakhstan.

Rhaphuma gracilipes Faldermann, 1835

Rhaphuma gracilipes: Tobolsk [Bukhhalo et al., 2011].

Material. AS: Nizhnetavdinsky (vicinity of Lake Kuchak, Guzenevsky reserve), Yarkovsky (Mazurova), Tyumensky (Tyumen, vicinity of Lake Andreevskoe), Uporovsky (Pushkaryova, Uporovo), Berdyuzhsky (Berdyuzhye, Okunyovo), Sladkovsky (Ostropyatovo) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Xylotrechus (Xylotrechus) arvicola (Olivier, 1795)

Xylotrechus arvicola: Dubrovnoe [Sitnikov, 2000; Red Data Book ..., 2004; Sitnikov et al., 2013].

Distribution. North Africa, Europe, European Russia, Caucasus, West Siberia (Tyumen region), Kazakhstan, Iran.

Xylotrechus (Xylotrechus) capricornus (Gebler, 1830)

Xylotrechus capricornus: «Tobolsk Okrug» [Plavilstshikov, 1940]; Tyumen, Verkhny bor, Kuchak [Sitnikov, 2000; Red Data Book ..., 2004; Sitnikov et al., 2013].

Distribution. Europe, European Russia, West Siberia, Kazakhstan.

Xylotrechus (Rusticoclytus) rusticus (Linnaeus, 1758)

Xylotrechus rusticus: Sukhorukovo [Kolosov, 1933]; Oktyabrskoye [Korshunov, 1973]; Khanty-Mansiysk [Zinovyev, 2005, 2008; Koltunov et al., 2009]; Missiya RS [Bukhhalo et al., 2011]; Batovo [Gerasimov et al., 2015].

Material. KHMAO: Nefteyugansky (Nefteyugansk), Surgutsky (Yugansky NR) districts. AS: Tobolsky (Tobolsk, Nadtsy), Yarkovsky (Motushi), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka), Tyumensky (Tyumen, Bogandinsky, Uspenka), Zavodoukovsky (Gilyovo), Sladkovsky (Sladkovo) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Central Asia, Mongolia, China, Korea, Japan.

Xylotrechus (Rusticoclytus) pantherinus
(Savenius, 1825)

Xylotrechus pantherinus: Lake Kultybayka [Sitnikov, 2000; Red Data Book..., 2004].

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Cyrtoclytus capra (Germar, 1824)

Cyrtoclytus capra: Yalutorovsk [Kolosov, 1914]; Missiya RS, Vinokurova [Bukhhalo et al., 2011].

Material. AS: Tobolsky (Verkhniye Aremzyany, Penya), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Shapkul, Lake Kultybayka), Tyumensky (Tyumen, Yembaevo, Bogandinsky, Gorkovka, Kulakovo), Isetsy (Maryino ushchelye NM), Zavodoukovsky (Michurinsky), Uporovsky (Uporovo), Berdyuzhsky (Okunyovo), Sladkovsky (Mayka, Travnoye, Ostropyatovo, Gulyay-Pole, Tavolzhany) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, China, Korea.

Clytus (Clytus) arietoides Reitter, 1899

Clytus arietoides: Vinokurova [Bukhhalo et al., 2011].

Material. YANAO: Priuralsky distr., Khadytayakha river, 1.07.1973, V.N. Olshvang (collection of IPAE). AS: Tobolsk, 10.07.2015, 10.06.2017, 2 ex., E.V. Sergeeva.

Distribution. European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Lamiinae Latreille, 1825

Mesosini

Mesosa (Mesosa) myops (Dalman, 1817)

Mesosa myops: Missiya RS [Bukhhalo et al., 2011].

Material. AS: Tobolsky (Tobolsk, Verkhniye Aremzyany), Vagaysky (Kryukovskoe NM), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Yarkovsky (Mazurova), Tyumensky (Tyumen, Bogandinsky), Zavodoukovsky (Gilyovo) districts.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, Korea, China.

Monochamini

**Monochamus (Monochamus) impluviatus*
(Motschulsky, 1859)

Material. KHMAO, Nizhnevartovskiy distr., upper course of the river Kolekyogan, found on *Pinus sibirica*, 12.08.1985, 1 ex., P.S. Sitnikov (collection of MK).

Distribution. European Russia, Siberia, Far East, Mongolia, Korea, Northeast China.

Monochamus (Monochamus) saltuarius (Gebler, 1830)

Monochamus saltuarius: Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Nizhnevartovskiy distr., upper course of the river Kolekyogan, found on *Pinus sibirica*, 12.08.1985, 2 ex., P.S. Sitnikov (collection of MK); Novomolodezhnoye oil field, 17.07.1993, 1 ex., T.A. Sharapova. AS: Tobolsky distr., Maslova vill., spruce-fir-pine forest, on freshly cut pine logs, 23.08.2017, 1 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Monochamus (Monochamus) galloprovincialis
(Olivier, 1795)

Monochamus galloprovincialis: Yalutorovsk [Koloso, 1914]; Beryozovo [Kiseleva, 1926]; Khanty-Mansiysk [Cherepanov, 1970]; Oktyabrskoye [Korshunov, 1973]; Missiya RS [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. YANAO: Krasnoselkupsky (Ratta, collection of IPAE), Shuryshkarsky (Lesmiegan river, collection of IPAE) districts. KHMAO: Surgutsky district (Yugansky NR, Pilugina, Ugut). AS: Uvatsky (Kunyaksky reserve, Gornoslinkino), Tobolsky (Tobolsk, Vinokurova, Verkhniye Aremzyany, Ovsyannikova, Abalak, Maslova, Nadtsy), Vagaysky (Kryukovskoe NM), Yarkovsky (Dubrovnoe, Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Tyumensky (Tyumen, Krivodanova, Bogandinsky, vicinity of Lake Andreevskoe), Yalutorovskiy (), Isetsy (Maryino ushchelye NM), Uporovskiy (Uporovskiy reserve) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Kazakhstan, Kyrgyzstan, Near East, Mongolia, China.

Monochamus (Monochamus) urussovii
(Fischer von Waldheim, 1805)

Monochamus rosenmuelleri: Tobolsk [Jacobson, 1910].

Monochamus quadrimaculatus: Tyumen [Csiki, 1901]; Tobolsk [Jacobson, 1910].

Monochamus urussovi: Oktyabrskoye [Korshunov, 1973]; Sibirskiy uvaly NP [Zinovyev, Nesterkov, 2003]; Khanty-Mansiysk [Zinovyev, 2005, 2008; Koltunov et al., 2009]; Missiya RS, Tobolsk [Bukhhalo et al., 2011].

Material. YANAO: Shuryshkarsky (Ust-Voykary), Krasnoselkupsky (Ratta), Purovsky (Novy Urengoy) districts. KHMAO: Beryozovsky (Vogulka reserve), Beloyarsky (Sorunsky reserve), Nefteyugansky (Zapadno-Malobalykskoye oil field), Surgutsky (Yugansky NR, Pilugina), Nizhnevartovskiy (upper course of the river Kolekyogan) districts. AS: Tobolsky (Vinokurova, Ovsyannikova, Abalak, Maslova), Vagaysky (Kryukovskoe NM), Yarkovsky (Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Tyumensky (Bogandinsky), Zavodoukovsky (Gilyovo) districts.

Distribution. East Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, Korea, China, Japan.

Monochamus (Monochamus) sutor (Linnaeus, 1758)

Monochamus sutor: Khmeleva [Csiki, 1901]; Salekhard, Bolshoy Atlym [Jacobson, 1910]; Labytnangi [Olshvang, 1980]; Oktyabrskoye [Chugunov, 1917; Korshunov, 1973; Cherepanov, 1983]; Noyabrsk, Muravlenko [Zinovyev, Ryabitsev, 2000]; Sibirskiy uvaly NP [Zinovyev, Nesterkov, 2003]; Missiya RS, Tobolsk [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. YANAO: Yamalsky (Kharasavey, Yuribei river basin), Shuryshkarsky (Ust-Voykary), Tazovsky (vicinity of Antipayuta, Tazovsky), Krasnoselkupsky (Ratta, Tolka), Purovsky (Novy Urengoy) districts. KHMAO: Beloyarsky (Sorunsky reserve), Sovetsky (Sovetsky), Nefteyugansky (Nefteyugansk), Surgutsky (Yugansky NR, Pilugino), Nizhnevartovskiy (Bolshetarkhovo, upper course of the river Kolekyogan) districts. AS: Uvatsky (Kunyaksky reserve, Gornoslinkino, Gerasimovka, Uvat, Demyanskoe), Tobolsky (Vinokurova, Ovsyannikova, Abalak, Maslova, Nadtsy), Vagaysky (Kryukovskoe NM), Yarkovsky (Dubrovnoe, Mazurova), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kul'tybayka), Tyumensky (Tyumen, Krivodanova, Bogandinsky, Chervishevo, Lake Lukashinskoye), Zavodoukovsky (Gilyovo) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, Korea, China, Japan.

Lamiini

**Lamia textor* (Linnaeus, 1758)

Material. AS: Yarkovsky distr., Mazurova vill., 13.07.1975, 1 ex., P.S. Sitnikov; Nizhnetavdinsky distr., vicinity of Lake Kuchak, 23.06.1996, 2 ex., A.N. Mokhratov, 3.07.2000, 1 ex., unknown collector; 24.06.2002, 1 ex., D. Novak, 18.06.2005, 1 ex., S.D. Sheykin, 6.2012, 2 ex., unknown collector; 6.2013, 1 ex., R. Mamedov, 7.2013, 1 ex., Yesakov, 9.07.15, 1 ex., M.O. Filimonova, 22.06.2018, 6 ex., V.A. Stolbov; Tyumensky distr., Chervishevo vill., 5.1975, 2 ex., P.S. Sitnikov.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, Korea, China, Japan.

Apodasyini

Anaesthetis testacea (Fabricius, 1781)

Anaesthetis testacea: Durykina [Bukhhalo et al., 2011].

Material. AS: Zavodoukovskiy distr., vicinity of Markovo vill., dry meadow near the birch forest, 27.06.2006, 1 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Caucasus, West Siberia (Tyumen region), Near East, Kazakhstan.

Pogonocherini

Pogonocherus (Pityphilus) fasciculatus
(DeGeer, 1775)

Pogonocherus fasciculatus: Oktyabrskoye [Korshunov, 1973]; Tobolsk, Abramova [Bukhhalo et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. YANAO: Priuralsky district (Salekhard, Kharp). KHMAO: Beloyarsky (Numto NP), Surgutsky (Yugansky NR) districts. AS: Tobolsky (Abalak), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka), Tyumensky (Tyumen, Borovsky, Krivodanov, vicinity of Lake Andreevskoe), Aromashevsky (Alabuga reserve), Armizonsky (Poloe) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, Korea, China, Japan.

Acanthoderini

Aegomorphus clavipes (Schrank, 1781)

Acanthoderes clavipes: Tobolsk [Bukhkalov et al., 2011].

Material. AS: Uvatsky (Missiya RS), Tobolsky (Verkhniye Aremzyany, Ingair), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka), Yarkovsky (Mazurova, Motushi), Tyumensky (Mullashi, Bogandinsky, Chervishevo), Uporovsky (Uporovo), Armizonsky (Krashenyovo) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, Korea, China, Japan.

Acanthocinini

Acanthocinus (Acanthocinus) griseus (Fabricius, 1793)

Acanthocinus griseus: Tyumen [Csiki, 1901].

Acanthocinus carinulatus: Missiya RS, Abalak [Bukhkalov et al., 2011].

Material. KHMAO: Nefteyugansky (Pyt-Yakh, collection of IPAE), Surgutsky (Yugansky NR, collection of IPAE) districts. AS: Tobolsk, Vagaysky (Ashlyk), Nizhnetavdinsky (Lake Kultybayka), Yarkovsky (Motushi), Tyumensky (Kamenka, Lake Lukashinskoye), Zavodoukovsky (Gilyovo), Sladkovsky (Vlasovo) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan.

***Acanthocinus (Acanthocinus) carinulatus* (Gebler, 1833)

Acanthocinus carinulatus: Kondinskiye lakes NP [Kondinskiye..., 2012].

Distribution. Siberia, Mongolia, China.

Remarks. Finding this species in the region needs confirmation.

Acanthocinus (Acanthocinus) aedilis (Linnaeus, 1758)

Acanthocinus aedilis: former Voroninskiye Yurty [Chugunov, 1917]; Oktyabrskoye [Korshunov, 1973]; Noyabrsk, Muravlenko [Zinovyev, Ryabitsev, 2000]; Sibirskiy uvaly NP [Zinovyev, Nesterkov, 2003]; Missiya RS, Tobolsk [Bukhkalov et al., 2011]; Kondinskiye lakes NP [Kondinskiye..., 2012].

Material. KHMAO: Surgutsky district (Yugansky NR). AS: Uvatsky (Demyanka), Tobolsky (Verkhniye Aremzyany, Abalak), Vagaysky (Komsomolsky), Nizhnetavdinsky (vicinity of Lake Kuchak, Guzenevsky reserve, Lake Kultybayka), Tyumensky (Tyumen, vicinity of Lake Andreevskoe, Bogandinsky, Chervishevo, Lake Taraskul) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Mongolia, Korea, China.

Exocentrini

**Exocentrus lusitanus* (Linnaeus, 1767)

Material. AS: Tyumen, linden plantings, summer 2003, 1 ex., S.D. Sheykin.

Distribution. Europe, European Russia, Caucasus, West Siberia, Kazakhstan.

Tetropini

Tetrops praeustus (Linnaeus, 1758)

Tetrops praeusta: Tobolsk [Bukhkalov et al., 2011].

Material. AS: Tobolsky distr., Verkhniye Aremzyany vill., edge of mixed forest, 4.07.2018, 1 ex., E.V. Sergeeva; Tyumen, 24.07.1992, 1 ex., A.Yu. Dudko, 3.07.1992, 1 ex., A.Yu. Dudko.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Mongolia.

Saperdini

Saperda (Saperda) carcharias (Linnaeus, 1758)

Saperda carcharias: «Shimsky district» [Koloso, 1914]; Tobolsk [Koloso 1933]; Missiya RS, Tobolsk [Bukhkalov et al., 2011].

Material. AS: Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (Tyumen, Bogandinsky, vicinity of Lake Andreevskoe, Chervishevo, Salairka), Yurginsky (Severo-Pletnyovo), Vikulovsky (Yushkova), Armizonsky (Kalmakskoe), Sladkovsky (Sladkovo) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, China.

Saperda (Saperda) similis Laicharting, 1784

Saperda similis: Tobolsk [Koloso, 1933].

Material. AS: Uvatsky distr., floodplain of the river Alymka at the confluence of the river Rynya, 19.07.2008, 1 ex., V.A. Stolbov, Nizhnetavdinsky distr., vicinity of Lake Kuchak, 19.06.1996, 1 ex., A.N. Mokhratov; 6.2009, 1 ex., unknown collector.

Distribution. Europe, European Russia, Siberia, Far East, Kazakhstan, Central Asia, Mongolia, North China.

Saperda (Lopezcolonia) perforata (Pallas, 1773)

Saperda perforata: Tobolsk [Bukhkalov et al., 2011].

Material. KHMAO: Khanty-Mansiysk. AS: Uvatsky (Missiya RS), Tobolsky (Abramova, Verkhniye Aremzyany, Ingair), Vagaysky (Kryukovskoe NM), Nizhnetavdinsky (vicinity of Lake Kuchak, Lake Kultybayka), Tyumensky (Bogandinsky, Chervishevo), Zavodoukovsky (Kosheleva) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, China, Japan.

Saperda (Lopezcolonia) scalaris (Linnaeus, 1758)

Saperda scalaris: Aygunyogan, Lake Taraskul, Dubrovnoe [Sitnikov, 2000]; Tobolsk [Bukhkalov et al., 2011].

Material. AS: Tobolsky (Verkhniye Aremzyany), Yarkovsky (Motushi), Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (Bogandinsky) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan, Mongolia, Korea, China.

Saperda (Compsidia) populnea (Linnaeus, 1758)

Saperda populnea: Krasny kamen station [Olshvang, 1980]; Tobolsk [Bukhkalov et al., 2011].

Compsidia populnea: Rafaylovsky reserve [Bayanov, 2009].

Material. KHMAO: Surgutsky distr., Yugansky NR, 7.08.1994, 3 ex., B.V. Krasutsky, collection of IPAE. AS: Nizhnetavdinsky distr., vicinity of Lake Kultybayka, 6.07.1996, 1 ex., V. Sinitsyn; Tyumensky distr., vicinity of Tyumen, 25.05.1997, 1 ex., P.S. Sitnikov; Yarkovsky distr., vicinity of Lake Bol'shoe Severnoe, mixed forest, 18.06.2019, 1 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Kazakhstan, Central Asia, Korea, China.

Menesia sulphurata (Gebler, 1825)

Menesia sulphurata: Tobolsk [Kolosov, 1936]; Tyumen, Lake Taraskul [Sitnikov, 2000]; Tobolsk, Abramova [Bukhkalov et al., 2011].

Material. AS: Tyumensky distr., vicinity of Voronina vill., 21.06.2007, 1 ex., V.A. Stolbov; Tyumen, Lake Krugloye, 21.06.2003, 1 ex., V.A. Stolbov.

Distribution. South of European Russia, Siberia, Far East, Kazakhstan, Mongolia, China, Korea, Japan.

Phytoeciini

Oberea (Oberea) oculata (Linnaeus, 1758)

Oberea oculata: Yalutorovsk [Kolosov, 1914]; Tobolsk [Bukhkalov et al., 2011].

Material. AS: Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (Bogandinsky, vicinity of Lake Andreevskoe, Kamenka), Vikulovsky (Tyleshov Bor) districts.

Distribution. North Africa, Europe, European Russia, Caucasus, Siberia, Far East, Near East, Iraq, Kazakhstan, Mongolia, Korea, China.

Phytoecia (Musaria) affinis (Harrer, 1784)

Phytoecia affinis: Gulyay-Pole [Sitnikov, 2000; Red Data Book..., 2004; Sitnikov et al., 2013].

Material. AS: Kazansky distr., Malye Yarki vill., plot of feather grass steppe on the hillside, 21.06.2009, 1 ex., V.A. Stolbov.

Distribution. Europe, European Russia, Caucasus, West Siberia, Near East, Kazakhstan.

Phytoecia (Phytoecia) nigricornis
(Fabricius, 1781)

Phytoecia nigricornis: Tyumen [Sitnikov, 2000; Red Data Book..., 2004; Sitnikov et al., 2013].

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan.

Phytoecia (Phytoecia) cylindrica (Linnaeus, 1758)

Phytoecia cylindrica: Tobolsk [Sitnikov, 2000; Lomakin et al., 2001; Red Data Book..., 2004; Alemasova, Galich, 2006; Bukhkalov et al., 2011]; Shorokhovo, Markovo [Sitnikov et al., 2013].

Material. AS: Ulvatsky districts (Uvat), Tyumen.

Distribution. Europe, European Russia, Caucasus, Siberia, Far East, Near East, Kazakhstan.

Phytoecia (Phytoecia) virgula (Charpentier, 1825)

Phytoecia virgula: Tobolsk [Bukhkalov et al., 2011].

Material. AS: Tobolsk, Chuvashsky cape, settled slope, 18.06.2012, 1 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Caucasus, Siberia, Near East, Kazakhstan, Central Asia.

Phytoecia (Phytoecia) icterica (Schaller, 1783)

Phytoecia icterica: Tyumen [Sitnikov, 2000]; Tyumen, Dubrovnoye [Lomakin et al., 2001; Red Data Book..., 2004].

Material. AS: Tobolsk, 23.05.2015, 1 ex., E.V. Sergeeva; Ishimsky distr., Ishimskiy bugry — Gora Lyubvi NM, settled slope, 20.06.2018 — 1 ex., E.V. Sergeeva.

Distribution. Europe, South European Russia, Caucasus, West Siberia, Kazakhstan.

**Phytoecia (Opsilia) coerulescens* (Scopoli, 1763)

Material. AS: Kazansky distr., Novoalexandrovka vill., vicinity of Lake Siverga, forb meadow, on *Lithospermum officinale* L., 4–6.06.2019, 5 ex., E.V. Sergeeva.

Distribution. North Africa, Europe, European Russia, Caucasus, West Siberia, Kazakhstan, Central Asia.

Agapanthiini

Agapanthia (Epoetes) dahli C. F. W. Richter, 1821

Agapanthia dahli: Uspenka, Shashova, Ostropyatovo, Travnoe [Sitnikov, 2000; Sitnikov et al., 2004]; Abalak [Bukhkalov et al., 2011].

Material. AS: Vagaysky (Kryukovskoe NM), Nizhnetavdinsky (vicinity of Lake Kuchak), Zavodoukovsky (Gilyovo), Isetsky (Bityuki), Ishimsky (Sazhino), Berdyuzhsky (Okunyovo, Polovinnoe), Kazansky (Afonkino), Sladkovsky (Mayka, Island Tavolzhan) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Central Asia.

Agapanthia (Epoetes) villosviridescens
(DeGeer, 1775)

Agapanthia lineatocollis: Yalutorovsk [Kolosov, 1914].

Agapanthia villosviridescens: Tobolsk, Abalak, Vinokurova [Bukhkalov et al., 2011].

Material. KHMAO: Surgutsky district (Yugansky NR, collection of IPAE). AS: Tobolsky (Ovsyannikova, Penya), Yarkovsky (Dubrovnoe), Nizhnetavdinsky (vicinity of Lake Kuchak), Tyumensky (Tyumen, Bogandinsky, Lake Lukashinskoye, Yantyk), Yalutorovsk (Lake Singul, Moshkarinsky reserve, Novoatyalovo), Isetsky (Bityuki), Omutinsky (Dmitrievka) districts.

Distribution. Europe, European Russia, Caucasus, Siberia, Kazakhstan, Mongolia.

Agapanthiola leucaspis (Steven, 1817)

Agapanthiola leucaspis: Tyumen; Tavolzhan [Sitnikov, 2000; Sitnikov et al., 2004].

Material. AS: Ishimsky distr., Ishimskiy bugry — Gora Lyubvi NM, settled slope, 20.06.2018, 7 ex., E.V. Sergeeva; Berdyuzhsky distr., Okunyovo vill., steppe meadow, 10.07.2018, 1 ex., E.V. Sergeeva; Armizonsky distr., Poloe vill., steppe meadow, 30.07.2019, 1 ex., E.V. Sergeeva; Kazansky distr., Afonkino vill., 6.2009, 2 ex., S.A. Ivanov; Novoalexandrovka vill., 12.07.2018, 1 ex., E.V. Sergeeva; vicinity of Lake Siverga, 4–6.06.2019, 3 ex., E.V. Sergeeva; Sladkovsky distr., Island Tavolzhan, steppe meadow, 21.06.2018, 2 ex., E.V. Sergeeva.

Distribution. Europe, European Russia, Caucasus, Siberia, Near East, Kazakhstan, Central Asia, Mongolia.

Conclusion

Thus, on the territory of the Tyumen oblast 99 species from 59 genera of Longicorn beetles are registered. Of these, 28 species are known from the Yamalo-Nenets Autonomous Okrug, located in the tundra, forest-tundra and northern taiga zones, 52 — from the Khanty-Mansi Autonomous Okrug (mostly middle taiga) and 85 — from the administrative south of the region (southern taiga, subtaiga and forest-steppe zones).

Eleven species, *Dinoptera collaris* (Linnaeus, 1758), *Pachytodes erraticus* (Dalman, 1817), *Stenurella bifasciata* (Müller, 1776), *Tetropium gracilicorne* Reitter, 1889, *Spondylis buprestoides* (Linnaeus, 1758), *Pronocera sibirica* (Gebler, 1848), *Semanotus undatus* (Linnaeus, 1758), *Monochamus impluviatus* (Motschulsky, 1859), *Lamia textor* (Linnaeus, 1758), *Exocentrus lusitanus* (Linnaeus, 1767) and *Phytoecia coerulescens* (Scopoli, 1763) are recorded for the region for the first time.

From the list of species previously cited for the Tyumenskaya oblast [Chugunov, 1917; Kolosov, 1933; Plavilstshikov, 1936; Sitnikov, 1998, 2000; Bukhhalo et al., 2011; Tolstikov et al., 2013] *Cornumutilla quadrivittata* Gebler, 1830, *Anastrangalia dubia* (Scopoli, 1763), *Obrium brunneum* (Fabricius, 1793), *Purpuricenusa kaehlerii* (Linnaeus, 1758) and *Eodorcadion carinatum* (Fabricius, 1781) are excluded, due to erroneous determination and questionable label data.

Nine species, *Rhagium sycophanta* (Schrank, 1781), *Cornumutilla lineata* (Letzner, 1844), *Nivellia extensa* (Gebler, 1833), *Anastrangalia renardi* (Gebler, 1848), *Judolia dentatofasciata* (Mannerheim, 1852), *Tetropium aquilonium* Plavilstshikov, 1940, *Hylotrupes bajulus* (Linnaeus, 1758), *Callidium aeneum* (DeGeer, 1775) and *Acanthocinus carinulatus* (Gebler, 1833) are known only from literature.

Seven species: *Tragosoma depsarium* (Linnaeus, 1767), *Stenocorus meridianus* (Linnaeus, 1758), *Purpuricenusa globulicollis* Mulsant, 1839, *Aromia moschata* (Linnaeus, 1758), *Chlorophorus herbstii* (Brahm, 1790), *Echinocerus floralis* (Pallas, 1773) and *Xylotrechus pantherinus* (Savenius, 1825) are included in the list of species of animals, plants and mushrooms to be entered in the Red Data Book of the Tyumenskaya oblast [2017].

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