

A list of the Curculionoidea (Coleoptera) from Bolshekhekhtsirsky Nature Reserve (Russian Far East)

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Abstract

Currently, 128 species of Curculionid beetles (Anthribidae – 3, Rhynchitidae – 11, Attelabidae – 11, Brentidae – 7 and Curculionidae – 92 and Scolytidae – 4) are first found in the Bolshekhekhtsirsky Nature Reserve. In total, 104 species are first found in the reserve for the first time. There are the first record of 25 species, *Thompsonirhinus (Maculinvoles) mandschuricus* (Voss, 1939), *Protapion apricans* (Herbst, 1797), *Protapion fulvipes fulvipes* (Foureroy, 1785), *Oxystoma cerdo* (Gerstaecker, 1854), *Trichapion simile* (Kirby, 1811), *Stenoptera pium (Stenoptera pium) meliloti* (Kirby, 1808), *Eutrichapion (Eutrichapion) viciae* (Paykull, 1798), *Dorytomus nordenskioldi* Faust, 1882, *Dorytomus suvorovi* Reitter, 1911, *Cossonus (Caenocossonus) tibialis* Folwaczny, 1964, *Rhinocomimus (Homorosomulus) latipes* Korotyaev, 1997, *Zacladus (Amurocladus) asperulus* (Faust, 1893), *Ceutorhynchus albosuturalis* (Roelofs, 1875), *C. nitidulus* Faust, 1887, *Glocianus punctiger* (C.R. Sahlberg, 1835), *Nedyus quadrimaculatus* (Linnaeus, 1758), *Tachyerges pseudostigma* (Tempere, 1982), *Rhinusa (Rhinusa) brisouti* (Faust, 1891), *Cleopomiarus mandschuricus* (Voss, 1952), *Tychius (Tychius) albolineatus* Motschulsky, 1860, *Otiiorhynchus (Pendragon) ovatus* (Linnaeus, 1758), *Phyllolytus variabilis* (Roelofs, 1873), *Polydrusus (Eustolus) corruscus* Germar, 1824, *Pseudocneorhinus longisetosus* Morimoto, 2015, and *Hylesinus eos* Spessivtsev, 1919 for Khabarovsk Krai and *Curculio inornatus* Kwon et Lee, 1990 for the Russian fauna.

Key words: Biodiversity, Curculionoidea, new records, Khabarovsk Krai.

Introduction

The Curculionoidea of Khabarovsk Krai are fairly well studied. There are two the reviews of the fauna (Egorov 1977, 1981). Several species were described from this area in recent decades (Korotyaev 1995, 1997; Legalov 2020a, etc.). Information about the Curculionoidea of Khabarovsk Krai is included in the Key to Insect of the Russian Far East (Egorov 1996a-1996c; Egorov et al. 1996; Egorov and Zherikhin 1996;

Krivolutskaya 1996; Zherikhin 1996) and reviews of the weevil fauna of North Asia (Legalov 2010, 2020c). There was practically no information about the weevils of the Bolshekhkhtsirsky Nature Reserve. Only 27 species were recorded for this reserve (Egorov 1977; Zherikhin and Egorov 1991; Korotyaev 1995, 1997; Legalov and Shevnin 2007; Legalov 2020a). This work presents the results of multi-year collections on the territory of the reserve and in its environs.

Material and methods

Studied specimens are kept in the Institute of Systematics and Ecology of Animals (Russia: Novosibirsk). The systematics of studied taxa are based on Legalov (2015, 2018a, 2018b, 2018c, 2020a, 2020b, 2020c).

Beetles were collected in several localities:

- 1) **kordon Chirki** (48° 11-12' N, 134° 40-41' E) – flood plain forest with openings; also sandy Ussuri river bank with scarce grass/herb vegetation at SW edge of the Nature Reserve, by net;
- 2) **Sosninsky stream** (48° 16' N, 134° 45' E) – rich mixed coniferous-broad-leaved forest along the Sosninsky stream right bank at northern border of the Nature Reserve, mainly by light traps;
- 3) **Great Khkhtsir Mt.** (48° 13' N, 134° 47' E) – scarce open forest at the mount top at 940 m a.s.l., the center of the Nature Reserve by light trap;
- 4) **Bychikha** (48° 17-18' N, 134° 49-50' E) – waste ground in the village and near it, forest outskirts, roadsides, outfalls, by net and hand catching; rivulet Bykova valley near Bychikha – along small roads in rich mixed coniferous-broad-leaved forest at northern border of the Nature Reserve;
- 5) **Bolshoi Ussuriiskii Isl.** (48° 20-24' N, 134° 50-54' E) – bottomland meso- and xerophyte meadows with scarce tree/bush vegetation on the greatest island of the Ussuri river delta, by net;
- 6) **village Chirki** (48° 10' N, 135° 05-06' E) – mixed coniferous-broad-leaved forest and meadows along railway at eastern border of the Nature Reserve; by light traps and by net;
- 7) **Chirka river** (48° 08' N, 135° 07.5-08' E) – swamp tussock bottomland meadow and dry meadow and willow brakes along railway near the railway bridge across river Chirki;
- 8) **Chirki bog** (48° 09' N, 135° 08' E) – wet bog/marsh with *Sphagnum*, *Ledum*, bush alders and birches, scarce small larches;
- 9) **riv. Belaya** – a road from Chirki village along rivulet Belaya valley, openings in mixed forest, by A.M. Dolgikh;
- 10) **Odyr** (48° 06-07' N, 134° 52' E) – mixed forest along Odyr river, by A.M. Dolgikh.

Explanation for the symbols: * – the first record for Bolshekhkhtsirsky Nature Reserve; ** – the first record for Khabarovsk Krai; *** – the first record for Russia.

Results

Curculionoidea Latreille, 1802

Anthribidae Billberg, 1820

Anthribinae Billberg, 1820

Ozotomerini Morimoto, 1972

Ozotomerus japonicus laferi* A. Egorov, 1986

MATERIAL: 2 ex., kordon Chirki, 23-24.VII.2020, V. Dubatolov; 3 ex., Sosninsky stream, 2-3.VII.2018, V. Dubatolov; 1 ex., Bychikha, 31.VII.2005, V. Dubatolov, R. Dudko, I. Ljubechansky; 1 ex., idem, 28-29.VII.2008, V. Dubatolov; 1 ex., idem, 17-18.VII.2016, V. Dubatolov; 2 ex., idem, 12-22.VII.2020, V. Dubatolov.

Platystomini Pierce, 1916

Platystomos albinus* (Linnaeus, 1758)

MATERIAL: 1 ex., Bychikha, 31.VII.2005, V. Dubatolov, R. Dudko, I. Ljubechansky; 1 ex., idem, 24-25.VI.2019, V. Dubatolov.

Zygaenodini Lacordaire, 1866

Exechesops foliatus* Frieser, 1995

MATERIAL: 1 ex., kordon Chirki, 12.VII.2018, V. Dubatolov.

Rhynchitidae Gistel, 1848

Eugnampkini Voss, 1930

***Neoeugnampthus amurensis* (Faust, 1882)**

Legalov, Shevnin, 2007: 10.

MATERIAL: 1 ex., Bychikha, 18.VI.2005, V. Dubatolov; 2 ex., idem, *Corylus, Betula*, 9-12.VII.2006, A.

Legalov, E. Shevnin; 1 ex., idem, 15.VI.2019, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 8-9.VI.2013, V. Dubatolov.

Deporaini Voss, 1929

***Deporaus (Pseudopoderites) pacatus* (Faust, 1882)**

MATERIAL: 1 ex., 1 ex., Sosninsky stream, 19-20.V.2007, V. Dubatolov.

Deporaus (Roelofsdeporaus) affectatus* Faust, 1887

Legalov, Shevnin, 2007: 10.

MATERIAL: 1 ex., Sosninsky stream, 2-3.VII.2018, V. Dubatolov; 1 ex., Bychikha, 9-12.VII.2006, A.

Legalov, E. Shevnin.

Rhynchitini Gistel, 1848

***Temnocerus (Temnocerus) japonicus* (Morimoto, 1958)**

Legalov, Shevnin, 2007: 10.

MATERIAL: 2 ex., Bychikha, *Betula*, 9-12.VII.2006, A. Legalov, E. Shevnin.

Teretriorhynchites (Aphlorhynchites) amabilis* (Roelofs, 1874)

MATERIAL: 1 ex., Bolshoi Ussuriiskii Isl., 14.VI.2021, V. Dubatolov.

Thompsonirhinus (Maculinvoles) mandschuricus* (Voss, 1939)*

MATERIAL: 2 ex., kordon Chirki, 2.VI.2018, V. Dubatolov.

Byctiscini Voss, 1923

***Byctiscus rugosus* (Gebler, 1829)**

Legalov, Shevnin, 2007: 10.

MATERIAL: 1 ex., kordon Chirki, 5.VI.2019, V. Dubatolov; 11 ex., Bychikha, 1.VI -13.VII.2005, V.

Dubatolov; 1 ex., idem, 31.VII.2005, R. Dudko, I. Ljubechansky; 5 ex., idem, 26.V.2006, V. Dubatolov; 5

ex., idem, 20.V.-9.VI.2018, V. Dubatolov; 1 ex., idem, 17-18.VI.2019, V. Dubatolov; 1 ex., idem,

2.VI.2021, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 1.VI.2005, V. Dubatolov;

3 ex. Odyr, 5-6.VI.2009, A. Dolgikh.

***Byctiscus congener* (Jekel, 1860)**

Legalov, Shevnin, 2007: 11 (*puberulus*).

MATERIAL: 1 ex., kordon Chirki, 2.VII.2018, E. Tugi; 2 ex., Bychikha, 16.VI -13.VII.2005, V. Dubatolov.

***Byctiscus princeps* (Solsky, 1872)**

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, 27.VI.2005, V. Dubatolov; 1 ex., Chirki bog, 4.IX.2008, V. Dubatolov.

***Byctiscus populi* (Linnaeus, 1758)**

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, 9.VI.2005, V. Dubatolov; 1 ex., idem, *Populus davidiana* Dode, 9-

12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 2.VI.2021, V. Dubatolov; 1 ex. Odyr, 6.VI.2009, A.

Dolgikh.

Aspidobyctiscus (Aspidobyctiscus) lacunipennis (Jekel, 1860)

Legalov, Shevnin, 2007: 11.

MATERIAL: 2 ex., riv. Belaya, 25.V.2005, A. Dolgikh; 2 ex., Bychikha, *Vitis amurensis*, 9-12.VII.2006, A. Legalov, E. Shevnin.

REMARKS. Beetles feeder on leaves and are tubes rolling. They usually keep in pairs.

Attelabidae Billberg, 1820

Attelabinae Billberg, 1820

Euopsini Voss, 1925

Parasynaptopsis lespedezae (Sharp, 1889)

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, *Lespedeza bicolor*, 9-12.VII.2006, A. Legalov, E. Shevnin.

Attelabini Billberg, 1820

Henicolabus giganteus (Faust, 1882)

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, 18.VI.2006, V. Dubatolov.

Apoderinae Jekel, 1860

Hoplapoderini Voss, 1926

Phymatopoderus flavimanus (Motschulsky, 1860)

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, *Urtica*, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 24.V.2007, V. Dubatolov.

Tomapoderus ruficollis (Fabricius, 1781)

Legalov, Shevnin, 2007: 11.

MATERIAL: 3 ex., Bychikha, *Ulmus propinqua*, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 4.VI.2017, V. Dubatolov;

Apoderini Jekel, 1860

Compsapoderus (Compsapoderus) erythropterus (Gmelin, 1790)

Legalov, Shevnin, 2007: 11.

MATERIAL: 1 ex., Bychikha, *Agrimonia*, 9-12.VII.2006, A. Legalov, E. Shevnin; 10 ex., idem, 23.V.-21.XI.2018, V. Dubatolov; 1 ex., idem, 2.VI.2021, V. Dubatolov; 1 ex., village Chirki, 9.VI.2018, V. Dubatolov.

Leptapoderus (Leptapoderidius) rubidus (Motschulsky, 1860)*

MATERIAL: 1 ex., Bychikha, 28.V.2018, V. Dubatolov.

Leptapoderus (Paraleptapoderus) carbonicolor (Motschulsky, 1860)

Legalov, Shevnin, 2007: 12

MATERIAL: 1 ex., Bychikha, 12.VI.2005, V. Dubatolov; 1 ex., idem, *Cacalia hastata* L., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 30.VI.-1.VII.2008, V. Dubatolov.

Apoderus (Apoderus) coryli (Linnaeus, 1758)

Legalov, Shevnin, 2007: 12.

MATERIAL: 3 ex., Bychikha, 1.VI.-24.VII.2005, V. Dubatolov; 1 ex., idem, *Betula, Corylus*, 9-12.VII.2006, A. Legalov, E. Shevnin.

Apoderus (Konoapoderus) jekelii Roelofs, 1874

Legalov, Shevnin, 2007: 12.

MATERIAL: 2 ex., Bychikha, *Corylus, Juglans manshurica* Maxim., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 5.VI.2017, V. Dubatolov; 2 ex., idem, 20.V.-11.VII.2018, V. Dubatolov.

Cycnotrachelodes (Cycnotrachelodes) cyanopterus (Motschulsky, 1860)

Legalov, Shevnin, 2007: 12.

MATERIAL: 1 ex., Bychikha, *Lespedeza bicolor*, 9-12.VII.2006, A. Legalov, E. Shevnin.

Paracycnotrachelus longiceps (Motschulsky, 1860)

Legalov, Shevnin, 2007: 12.

MATERIAL: 2 ex., Bychikha, 7.VII.2005, V. Dubatolov; 2 ex., idem, 31.VII.2005, R. Dudko, I. Ljubechansky; 5 ex., idem, *Corylus*, *Quercus mongolica*, 9-12.VII.2006, A. Legalov, E. Shevnin; 2 ex., idem, 2-10.VI.2018, V. Dubatolov; 3 ex. Odyr, 6.VI.2009, A. Dolgikh.

Brentidae Bilberg, 1820

Apioninae Schoenherr, 1823

Piezotrachelini Voss, 1959

Protapion apricans (Herbst, 1797)**

MATERIAL: 2 ex., Bychikha, *Trifolium* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 2 ex., idem, 19-20.V.2016, V. Dubatolov; 1 ex., idem, 26.V.2018, V. Dubatolov; 3 ex., idem, 25.V.-15.VI.2019, V. Dubatolov; 2 ex., idem, 18.VI.2021, V. Dubatolov.

Protapion fulvipes fulvipes (Geoffroy, 1785)**

MATERIAL: 2 ex., Bychikha, 1-7.VI.2021, V. Dubatolov.

Apionini Schoenherr, 1823

Trichapion simile (Kirby, 1811)**

MATERIAL: 2 ex., Bychikha, *Betula* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 12.V.2019, V. Dubatolov; 2 ex., idem, 13-14.V.2021, V. Dubatolov.

Stenopterapion (Stenopterapion) meliloti (Kirby, 1808)**

MATERIAL: 1 ex., Bychikha, 15.VI.2019, V. Dubatolov; 1 ex., idem, 28.VI.2021, V. Dubatolov.

Eutrichapion (Eutrichapion) ervi (Kirby, 1808)*

MATERIAL: 1 ex., kordon Chirki, 23.VII.2020, V. Dubatolov.

Eutrichapion (Eutrichapion) viciae (Paykull, 1798)**

MATERIAL: 1 ex., kordon Chirki, 23.VII.2020, V. Dubatolov; 1 ex., Bychikha, 27.VI.2020, V. Dubatolov; 1 ex., idem, 13.VII.2020, V. Dubatolov; 1 ex., idem, 7.VI.2021, V. Dubatolov.

Oxystoma cerdo (Gerstaecker, 1854)**

MATERIAL: 1 ex., Bychikha, 28.V.2021, V. Dubatolov.

Curculionidae Latreille, 1802

Erirhininae Schoenherr, 1825

Erirhinini Schoenherr, 1826

Notaris acridulus (Linnaeus, 1758)*

MATERIAL: 1 ex., Bychikha, Bykova stream, 200-300 m, deciduous forest, 1.VIII.2005, R. Dudko, I. Ljubechansky.

Notaris scirpi mandschurica Voss, 1940*

MATERIAL: 1 ex., Bychikha, VIII.1990, A. Shiras.

Tournotaris bimaculata (Fabricius, 1787)*

MATERIAL: 1 ex., kordon Chirki, 2.VI.2018, V. Dubatolov.

Grypus equiseti (Fabricius, 1775)*

MATERIAL: 1 ex., Bychikha, 25.IX.2009, V. Dubatolov.

Dorytomini Bedel, 1886

Dorytomus nordenskioldi* Faust, 1882*

MATERIAL: 1 ex., Bychikha, 15.V.2005, V. Dubatolov; 10 ex., idem, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 16.V.2008, V. Dubatolov.

Dorytomus suvorovi* Reitter, 1911*

MATERIAL: 1 ex., Bychikha, 7.IX.2013, V. Dubatolov.

Dorytomus subcinctus* (Faust, 1883)

MATERIAL: 2 ex., Chirka River, 9.VI.2018, V. Dubatolov.

Bagoiini Thomson, 1859

Bagous poophagoides* Egorov et Gratshev, 1990

MATERIAL: 20 ex., Bychikha, 15-22.VIII.1990, A. Shiras; 1 ex., idem, 15.VI.2019, V. Dubatolov.

Raymondionimini Reitter, 1913

***Alaocybites dubatolovi* Legalov, 2020**

Legalov, 2020a: 322-323.

MATERIAL. 2 ex., Great Khekhtsyr Mt., 940 m, 6.IX.2010, V.V. Dubatolov.

Molytinae Schoenherr, 1823

Magdalini Pascoe, 1870

Magdalis (Magdalis) violacea* (Linnaeus, 1758)

MATERIAL: 1 ex., Bychikha, deciduous forest, 31.VII.2005, R. Dudko, I. Ljubechansky.

Carciliini Pierce, 1916

Carcilia tenuistriata* Heller, 1941

MATERIAL: 1 ex., Sosninsky stream, 29-30.VII.2020, V. Dubatolov.

Lepyrini Kirby, 1837

Lepyrus nebulosus* Motschulsky, 1860

MATERIAL: 1 ex., kordon Chirki, 2.VI.2018, V. Dubatolov.

Lepyrus quadrinotatus* Boheman, 1842

MATERIAL: 3 ex., Bychikha, 28.V.-7.VII.2005, V. Dubatolov; 2 ex., idem, deciduous forest, 31.VII.2005, R. Dudko, I. Ljubechansky; 1 ex., idem, 18.VI.2006, V. Dubatolov; 1 ex., idem, *Salix* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 21.V.2007, V. Dubatolov; 3 ex., idem, 5-30.VII.2018, V. Dubatolov; 1 ex., idem, 5.VII.2019, V. Dubatolov; 1 ex., idem, 30.VI.2020, V. Dubatolov; 1 ex., Bykova stream, 200-300 m, deciduous forest, 1.VIII.2005, R. Dudko, I. Ljubechansky; 2 ex., riv. Belaya, 25.V.2006, A. Dolgikh.

Lepyrus japonicus* Roelofs, 1873

MATERIAL: 1 ex., kordon Chirki, 12.VII.2018, V. Dubatolov; 1 ex., Chirka River, 9.VI.2018, V. Dubatolov.

Cryptorhynchini Schoenherr, 1826

***Cryptorhynchus lapathi* (Linnaeus, 1758)**

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 26-27.VII.2008, V. Dubatolov; 1 ex., idem, 20-21.VIII.2019, V. Dubatolov;.

***Coniferocryptus tamanukii* (Kono, 1938)**

Zherikhin, Egorov, 1991: 101 (Khekhtsyr).

MATERIAL: 1 ex., Sosninsky stream, 2-3.VII.2018, V. Dubatolov.

Cossoninae Schoenherr, 1826

Cossonini Schoenherr, 1826

Cossonus (Caenocossonus) tibialis* Folwaczny, 1964*

MATERIAL: 1 ex., Bychikha, 24.V.2019, V. Dubatolov.

Lixinae Schoenherr, 1823

Lixini Schoenherr, 1823

Larinus (Phyllonomeus) griseopilosus* Roelofs, 1873

MATERIAL: 4 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Lixus (Eulixus) divaricatus* Motschulsky, 1861

MATERIAL: 2 ex., Bychikha, 3.VI.-5.VII.2019, V. Dubatolov; 2 ex., idem, 21.V.-18.VI.2021, V. Dubatolov.

Lixus (Dilixellus) fasciculatus* Boheman, 1836

MATERIAL: 8 ex., Bychikha, *Artemisiae* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 15.VI.2017, V. Dubatolov; 15 ex., idem, 1.VI.-31.VII.2018, V. Dubatolov; 1 ex., idem, 23.V.-18.VII.2019, V. Dubatolov; 1 ex., idem, 12.VII.2020, V. Dubatolov; 5 ex., idem, 1.VI.-21.VII.2021, V. Dubatolov; 3 ex., Chirka River, 9.VI.2018, V. Dubatolov; 4 ex., idem, 30.VI.2021, V. Dubatolov.

Lixus (Ortholixus) amurensis* Faust, 1887

MATERIAL: 1 ex., kordon Chirki, 2.VI.2018, V. Dubatolov; 2 ex., Bychikha, 3.VI.2005, V. Dubatolov; 7 ex., idem, 31.V.-5.VII.2018, V. Dubatolov; 1 ex., idem, 7.VI.2019, V. Dubatolov; 1 ex., village Chirki, 4.VI.2018, V. Dubatolov.

Bothynoderes declivis* (Olivier, 1807)

MATERIAL: 3 ex., Chirki bog, 4.IX.2008, V. Dubatolov.

Conoderinae Schoenherr, 1833

Bariditae Schoenherr, 1836

Apostasimerini Schoenherr, 1844

Limnobaris dolorosa* (Goeze, 1777)

MATERIAL: 1 ex., Bychikha, 1.VII.2018, V. Dubatolov.

Baridini Schoenherr, 1836

Baris artemisiae* (Herbst, 1795)

MATERIAL: 4 ex., Bychikha, *Artemisiae* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 2 ex., idem, 26.V.-22.VI.2018, V. Dubatolov; 7 ex., idem, 25.V.-5.VI.2019, V. Dubatolov; 2 ex., idem, 28-31.V.2021, V. Dubatolov; 4 ex., Bolshoi Ussuriiskii Isl., 14.VI.2021, V. Dubatolov.

Madarini Jekel, 1865

Psilarthroides czerskyi* Zaslavskij, 1956

MATERIAL: 1 ex., Bychikha, 15.VII.2020, V. Dubatolov.

Conoderitae

Coryssomerini Thomson, 1859

Metialma (Metialma) signifera* Pascoe, 1871

MATERIAL: 1 ex., kordon Chirki, 2.VI.2018, V. Dubatolov.

Ceutorhynchitae Gistel, 1848

Amalini Wagner, 1936

Amalus scortillum* (Herbst, 1795)

MATERIAL: 1 ex., Bychikha, 3.VI.2019, V. Dubatolov.

Phytobiini Gistel, 1856

Rhinoncus pericarpus* (Linnaeus, 1758)

MATERIAL: 1 ex., kordon Chirki, 16.V.2019, V. Dubatolov; 1 ex., idem, 23.VII.2020, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 14.VI.2021, V. Dubatolov.

Rhinoncus bruchoides* (Herbst, 1784)

MATERIAL: 1 ex., Bychikha, 13.V.2021, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 16.VI.2021, V. Dubatolov.

Scleropterini Schultze, 1902

Rhinoncomimus (Homorosomulus) latipes* Korotyaev, 1997*

MATERIAL: 1 ex., Bychikha, 13.VII.2019, V. Dubatolov.

Ceutorhynchini Gistel, 1848

Wagnerinus carinulatus* (Faust, 1887)

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Zacladus (Amurocladus) asperulus* (Faust, 1893)*

MATERIAL: 1 ex., Bychikha, 11.VII.2018, V. Dubatolov;

Ceutorhynchus albosuturalis* (Roelofs, 1875)*

MATERIAL: 1 ex., Bychikha, 26.V.2018, V. Dubatolov; 1 ex., idem, 25.V.2019, V. Dubatolov; 2 ex., Bolshoi Ussuriiskii Isl., 14.VI.2021, V. Dubatolov.

Ceutorhynchus nitidulus* Faust, 1887*

MATERIAL: 1 ex., Sosninsky stream, 27-28.IX.2021, V. Dubatolov; 1 ex., Bychikha, 24.V.2019, V. Dubatolov.

***Ceutorhynchus demetrii* Korotyaev, 1995**

Korotyaev, 1995: 866

Remarks. The species was described from Khabarovsk Krai, Great Khekhtsy Mt., upper reaches of Levaya river, 6.IX.1983 [Korotyaev, 1995].

Glocianus punctiger* (C.R. Sahlberg, 1835)*

MATERIAL: 1 ex., Bychikha, 1.VII.2019, V. Dubatolov.

***Coeliodes kasparyani* Korotyaev, 1997**

Korotyaev, 1997: 627 (Great Khekhtsy Mt.).

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 19-20.V.2016, V. Dubatolov.

Nedyus quadrimaculatus* (Linnaeus, 1758)*

MATERIAL: 4 ex., Bychikha, 26.V.-3.VI.2018, V. Dubatolov; 5 ex., idem, 12.V.-15.VI.2019, V. Dubatolov; 2 ex., idem, 30.VI.2020, V. Dubatolov; 10 ex., idem, 12.V.-2.VI.2021, V. Dubatolov.

Curculioninae Latreille, 1802

Acalyptini Thomson, 1859

Acalyptus caprini* (Fabricius, 1792)

MATERIAL: 1 ex., Bychikha, 12.V.2019, V. Dubatolov.

Ellescini Thomson, 1859

Ellescus (Ellescus) scanicus* (Paykull, 1792)

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Rhamphini Rafinesque, 1815

Tachyerges pseudostigma* (Tempere, 1982)*

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 12.V.2019, V. Dubatolov; 1 ex., idem, 2.VI.2021, V. Dubatolov.

Tachyerges stigma* (Germar, 1821)

MATERIAL: 1 ex., Bychikha, 31.V.2021, V. Dubatolov.

Isochnus flagellum* (Erichson, 1902)

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Isochnus sequensi* (Stierlin, 1894)

MATERIAL: 2 ex., Bychikha, 13.VI.-10.IX.2019, V. Dubatolov; 5 ex., idem, 13.V.-17.VI.2021, V. Dubatolov.

Rhamphus (Rhamphus) pulicarius* (Herbst, 1793)

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Orchestes (Orchestes) mutabilis* Boheman, 1843

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 4 ex., idem, 19.V.2016, V. Dubatolov; 6 ex., idem, 23.V.-3.VII.2019, V. Dubatolov; 3 ex., idem, 12.V.-28.VI.2021, V. Dubatolov.

Orchestes (Orchestes) jota* (Fabricius, 1787)

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Orchestes (Amurorchestes) koltzei* Faust, 1882

MATERIAL: 1 ex., kordon Chirki, 23-24.VII.2020, V. Dubatolov; 2 ex., Bychikha, 13-16.V.2019, V. Dubatolov.

Orchestes (Alyctus) rusci* (Herbst, 1795)

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 1.VII.2018, V. Dubatolov; 2 ex., Chirka river, 14.V.2019, V. Dubatolov.

Orchestes (Alyctus) calceatus* (Germar, 1821)

MATERIAL: 1 ex., Bychikha, 2.VI.2021, V. Dubatolov.

Orchestes (Alyctus) scitius* Faust, 1887

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Mecinini Gistel, 1856

Rhinusa (Rhinusa) brisouti* (Faust, 1891)*

MATERIAL: 1 ex., Bolshoi Ussuriiskii Isl., 1.VI.2021, V. Dubatolov.

Cleopomiarus mandschuricus* (Voss, 1952)*

MATERIAL: 1 ex., kordon Chirki, 2.VI.2018, V. Dubatolov.

Ochyromerini Voss, 1935

***Ochyromera suturalis* Kojima et Morimoto, 1996**

Egorov, 1977: 31 (*japonica*, Great Khekhtsyr Mt.)

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 2 ex., Sosninsky stream, 30-31.V.2018, V. Dubatolov.

Anthonomini Thomson, 1859

Anthonomus (Anthonomus) rubi terreus* Gyllenhal, 1836

MATERIAL: 1 ex., Bychikha, *Rosa* sp., 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., Chirki bog, 4.VI.2018, V. Dubatolov.

Anthonomus (Anthonomus) bisignifer Schenkling, 1874*

MATERIAL: 1 ex., Bychikha, 28.V.2021, V. Dubatolov;

Anthonomus (Anthonomus) pomorum (Linnaeus, 1758)*

MATERIAL: 1 ex., kordon Chirki, 16.V.2019, V. Dubatolov; 1 ex., Bychikha, 23.V.2019, V. Dubatolov.

Anthonomus (Anthonomus) pedicularis (Linnaeus, 1758)*

MATERIAL: 2 ex., korodon Chirki, 12.VII.2018, V. Dubatolov.

Anthonomus (Anthonomus) yuasai Kono, 1939*

MATERIAL: 1 ex., Bychikha, 15.V.2006, V. Dubatolov; 1 ex., idem, 15.V.2007, V. Dubatolov.

Bradybatus (Bradybatus) sharpi Tournier, 1873*

MATERIAL: 1 ex., Bychikha, 27.VIII.2018, V. Dubatolov; 2 ex., idem, 13.V.2021, V. Dubatolov.

Curculionini Latreille, 1802

Curculio dieckmanni (Faust, 1887)

Egorov, 1977: 31 (Great Khekhtsyr Mt.).

MATERIAL: 6 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 2 ex., idem, 26-29.VII.2008, V. Dubatolov.

Curculio dentipes (Roelofs, 1874)

Egorov, 1977: 31 (Great Khekhtsyr Mt.).

MATERIAL: 3 ex., Bychikha, 31.VII.-3.VIII.2005, V. Dubatolov, R. Dudko, I. Ljubechansky; 4 ex., idem, 20-24.VII.-11.VIII.2006, V. Dubatolov; 3 ex., idem, 22-29.VII.2008, V. Dubatolov; 1 ex., idem, 1-2.VII.2018, V. Dubatolov; 1 ex., idem, 12.IXI.2019, V. Dubatolov; 1 ex., Chirki, 25-26.VI.2012, V. Dubatolov; 1 ex., idem, 7-8.VIII.2013, V. Dubatolov; 1 ex., idem, 1-2.VII.2018, V. Dubatolov; 3 ex., idem, 23.VII.-12.VIII.2020, V. Dubatolov; 3 ex., Bolshoi Ussuriiskii Isl., 15-25.VIII.2016, V. Dubatolov; 1 ex. Odyr, 19.X.2009, A. Dolgikh.

Curculio conjugalis (Faust, 1882)

Egorov, 1977: 31 (Great Khekhtsyr Mt.).

MATERIAL: 1 ex., Bychikha, 5.VII.2006, V. Dubatolov.

Curculio fordii Pelsue et Zhang, 2002*

MATERIAL: 2 ex., kordon Chirki, 14-15.VIII.2012, V. Dubatolov; 1 ex., idem, 16.IX.2017, V. Dubatolov; 1 ex., idem, 12.VII.2018, V. Dubatolov; 1 ex., Bychikha, 22-23.VII.2014, V. Dubatolov; 1 ex., idem, 8.VII.2019, V. Dubatolov.

Curculio ussuriensis Heller, 1927*

MATERIAL: 1 ex., Bychikha, 30-31.VII.2008, V. Dubatolov.

Curculio inornatus Kwon et Lee, 1990 (Fig. 1)***

MATERIAL: 10 ex., Sosninsky stream, 27-28.IX.2021, V. Dubatolov.

Curculio aino (Kono, 1930)*

MATERIAL: 1 ex., Bykova stream, 200-300 m, deciduous forest, 1.VIII.2005, R. Dudko, I. Ljubechansky; 1 ex., Bychikha, 20.VI.2006, V. Dubatolov; 2 ex., Chirki, 4.IX.2008, V. Dubatolov.

Tribe Tychiini Thomson, 1859

Subtribe Tychiina Thomson, 1859

Tychius (Tychius) albolineatus Motschulsky, 1860**

MATERIAL: 1 ex., Chirki bog, 4.IX.2008, V. Dubatolov.

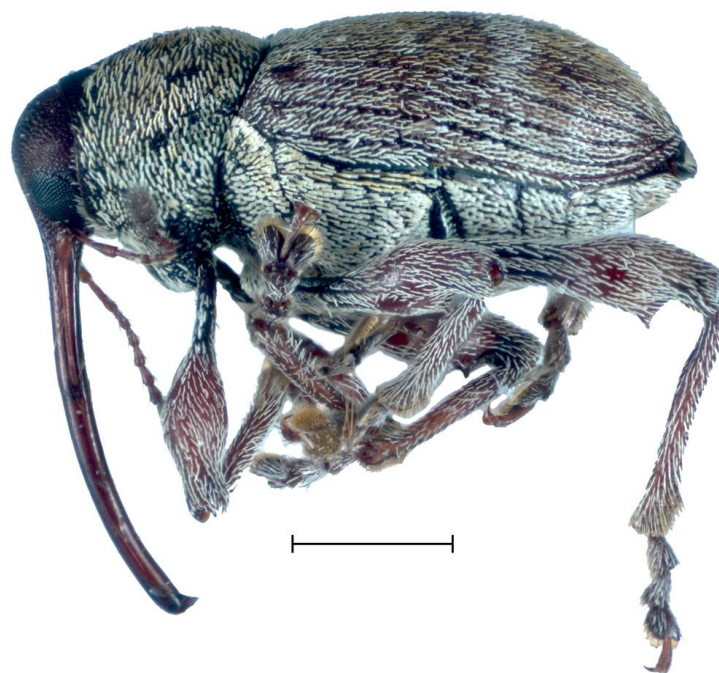


Figure 1. *Curculio inornatus*, female, body, lateral view. Scale bar = 1.0 mm.

Sibinia (Sibinia) annulifera* Pic, 1902

MATERIAL: 1 ex., Bolshoi Ussuriiskii Isl., 14.VI.2021, V. Dubatolov.

Entiminae Schoenherr, 1823

Entimintae Schoenherr, 1823

Tropiphorini Marseul, 1863

Trichalophus albonotatus* (Motschulsky, 1860)

MATERIAL: 2 ex., Bychikha, 2.V.-5.VII.2018, V. Dubatolov.

Hyperitae Marseul, 1863

Hyperini Marseul, 1863

Fronto capiomonti* (Faust, 1882)

MATERIAL: 20 ex., Bychikha, *Ulmus* sp., 9-12.VII.2006, A. Legalov, E. Shevnin.

Erinomorpha rumicis* (Linnaeus, 1758)

MATERIAL: 1 ex., Bychikha, 12.V.2019, V. Dubatolov.

Boreohypera diversipunctata* (Schrank, 1798)

MATERIAL: 1 ex., Bychikha, 27.VI.2020, V. Dubatolov.

Boreohypera graeseri* (Faust, 1887)

MATERIAL: 1 ex., kordon Chirki, 5.VI.2019, V. Dubatolov.

Hypera (Dapalinus) meles* (Fabricius, 1792)

MATERIAL: 1 ex., kordon Chirki, 23.VII.2020, V. Dubatolov; 3 ex., Bychikha, 22.VI.-11.VII.2018, V. Dubatolov; 1 ex., idem, 15.VI.2019, V. Dubatolov.

Hypera (Kippenbergia) misella* (Faust, 1882)

MATERIAL: 1 ex., Bychikha, 28.VI.2021, V. Dubatolov.

Hypera (Hypera) viciae (Gyllenhal, 1813)*

MATERIAL: 1 ex., kordon Chirki, 23.VII.2020, V. Dubatolov; 1 ex., Bychikha, 15.VI.2019, V. Dubatolov; 4 ex., idem, 2-28.VI.2021, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 1.VI.2021, V. Dubatolov.

Otiorhynchitae Schoenherr, 1826

Phyllobiini Schoenherr, 1826

Phyllobius (Angarophyllobius) maculosus Motschulsky, 1860*

MATERIAL: 1 ex., Sosninsky stream, 16.VI.2021, V. Dubatolov; 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 27.VI.2017, V. Dubatolov; 2 ex., idem, 28.V.-22.VI.2018, V. Dubatolov; 1 ex., idem, 10.VI.2019, V. Dubatolov; 1 ex., idem, 16.VII.2020, V. Dubatolov; 1 ex., idem, 21.VI.2021, V. Dubatolov.

Otiorhynchini Schoenherr, 1826

Otiorhynchus (Pendragon) ovatus (Linnaeus, 1758)**

MATERIAL: 1 ex., Bychikha, 31.VII.2005, V. Dubatolov, R. Dudko, I. Ljubechansky.

Cyphiceritae Lacordaire, 1863

Cyphicerini Lacordaire, 1863

Ptochidius tessellatus (Motschulsky, 1860)*

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 24.VIII.2016, V. Dubatolov; 3 ex., idem, 26.V.-30.VII.2018, V. Dubatolov; 3 ex., idem, 23-25.V.2019, V. Dubatolov; 1 ex., idem, 14.VII.2021, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 18-19.VI.2012, V. Dubatolov; 1 ex., idem, 15-16.VIII.2016, V. Dubatolov.

Phyllolytus variabilis (Roelofs, 1873)**

MATERIAL: 1 ex., kordon Chirki, 23-24.VII.2020, V. Dubatolov.

Myllocerus raddensis Pic, 1904*

MATERIAL: 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 3.VIII.2018, V. Dubatolov; 1 ex., Chirki bog, 4.IX.2008, V. Dubatolov.

Trachyphloeini Lacordaire, 1863

Pseudocneorhinus longisetosus Morimoto, 2015**

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 28.V.2018, V. Dubatolov; 1 ex., idem, 2.VII.2021, V. Dubatolov.

Polydrusitae Schoenherr, 1823

Sitonini Gistel, 1856

Sitona amurensis Faust, 1882*

MATERIAL: 2 ex., kordon Chirki, 2.VI.2018, V. Dubatolov; 1 ex., idem, 16.V.2019, V. Dubatolov; 1 ex., idem, 23.VII.2020, V. Dubatolov; 1 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 21.V.2021, V. Dubatolov; 1 ex., Bolshoi Ussuriiskii Isl., 8.VI.2016, V. Dubatolov; 20 ex., idem, 1-16.VI.2021, V. Dubatolov.

Sitona cylindricollis Fahraeus, 1840*

MATERIAL: 1 ex., Bychikha, 26.V.2018, V. Dubatolov; 1 ex., idem, 23.VI.2019, V. Dubatolov; 2 ex., Bolshoi Ussuriiskii Isl., 14-16.VI.2016, V. Dubatolov.

Sitona lineellus (Bonsdorff, 1785)*

MATERIAL: 1 ex., Bychikha, 18-19.V.2016, V. Dubatolov; 2 ex., Bolshoi Ussuriiskii Isl., 2-6.VI.2016, V. Dubatolov; 7 ex., idem, 1-16.VI.2021, V. Dubatolov.

Sitona obsoletus (Gmelin, 1790)*

MATERIAL: 2 ex., Bychikha, 11-16.VII.2018, V. Dubatolov.

Sitona suturalis* Stephens, 1831

MATERIAL: 1 ex., Bychikha, 25.V.2019, V. Dubatolov.

Polydrusini Schoenherr, 1823

Polydrusus (Eustolus) corruscus* Germar, 1824*

MATERIAL: 2 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin.

Polydrusus (Eustolus) flavipes* (Degeer, 1775)

MATERIAL: 2 ex., Bychikha, 5-30.VII.2018, V. Dubatolov.

Cneorhinini Lacordaire, 1863

Catapionus fossulatus* Motschulsky, 1860

MATERIAL: 1 ex., Bychikha, 13.VI.2021, V. Dubatolov.

Tanymecini Lacordaire, 1863

Chlorophanus sibiricus* Gyllenhal, 1834

MATERIAL: 8 ex., kordon Chirki, 12-31.VII.2018, V. Dubatolov; 1 ex., Sosninsky stream, 20-24.VI.2017, V. Dubatolov; 3 ex., Bychikha, 9-12.VII.2006, A. Legalov, E. Shevnin; 1 ex., idem, 19.VII.2006, V. Dubatolov; 10 ex., idem, 22.VI.-31.VII.2018, V. Dubatolov; 1 ex., idem, 3.IX.2018, V. Dubatolov; 2 ex., idem, 1-8.VII.2019, V. Dubatolov; 2 ex., Bolshoi Ussuriiskii Isl., 8-15.VI.2016, V. Dubatolov.

Leptomias humilis* (Faust, 1882)

MATERIAL: 6 ex., Bolshoi Ussuriiskii Isl., 1-16.VI.2021, V. Dubatolov.

Scolytidae Latreille, 1806

Hylesininae Erichson, 1836

Hylastini LeConte, 1876

Hylurgops interstitialis* (Chapuis, 1875)

MATERIAL: 1 ex., Bychikha, 23.V.2019, V. Dubatolov.

Hylesinini Erichson, 1836

Hylesinus eos* Spessivtsev, 1919*

MATERIAL: 1 ex., Bychikha, 13.V.2021, V. Dubatolov.

Scolytinae Latreille, 1806

Scolytoplatypodini Blandford, 1893

Scolytoplatypus tycon* Blandford, 1893

MATERIAL: 5 ex., Sosninsky stream, 5-6.VI.2017, V. Dubatolov; 1 ex., idem, 15-16.VI.2021, V. Dubatolov; 1 ex., Bychikha, 17-18.VI.2019, V. Dubatolov.

Xyleborini LeConte, 1876

Anisandrus dispar* (Fabricius, 1792)

MATERIAL: 3 ex., Bychikha, 18-19.V.2016, V. Dubatolov.

Currently, 128 species of Curculionid beetles (Anthribidae – 3, Rhynchitidae – 11, Attelabidae – 11, Brentidae – 7 and Curculionidae – 92 and Scolytidae – 4) are first found in the Bolshekekhtsirsky Nature Reserve. In total, 104 species are first found in the reserve for the first time. There are the first record of 25 species, *Thompsonirhinus (Maculinvoles) mandschuricus* (Voss, 1939), *Protapion apricans* (Herbst, 1797), *Protapion fulvipes fulvipes* (Foureroy, 1785), *Oxystoma cerdo* (Gerstaecker, 1854), *Trichapion simile* (Kirby, 1811), *Stenopterapion (Stenopterapion) meliloti* (Kirby, 1808), *Eutrichapion (Eutrichapion) viciae* (Paykull, 1798), *Dorytomus nordenskioldi* Faust, 1882, *Dorytomus suvorovi* Reitter, 1911, *Cossonus (Caenocossonus) tibialis* Folwaczny, 1964, *Rhinoncomimus (Homorosomulus) latipes* Korotyaev, 1997, *Zacladus (Amurocladus) asperulus* (Faust, 1893), *Ceutorhynchus albosuturalis* (Roelofs, 1875), *C. nitidulus* Faust, 1887, *Glocianus punctiger* (C.R. Sahlberg, 1835), *Nedyus quadrimaculatus* (Linnaeus, 1758),

Tachyerges pseudostigma (Tempere, 1982), *Rhinusa* (*Rhinusa*) *brisouti* (Faust, 1891), *Cleopomiarus mandschuricus* (Voss, 1952), *Tychius* (*Tychius*) *albolineatus* Motschulsky, 1860, *Otiorhynchus* (*Pendragon*) *ovatus* (Linnaeus, 1758), *Phyllolytus variabilis* (Roelofs, 1873), *Polydrusus* (*Eustolus*) *corruscus* Germar, 1824, *Pseudocneorhinus longisetosus* Morimoto, 2015, and *Hylesinus eos* Spessivtsev, 1919 for Khabarovsk Krai and *Curculio inornatus* Kwon et Lee, 1990 for the Russian fauna.

Twelve species (*Hylobius* (*Callirus*) *haroldi* (Faust, 1882), *Xenomimetes destructor* Wollaston, 1873, *Cossonus* sp., *Rhyncolus* sp.1, *Rh.* sp.2, *Archarius* (*Balanobius*) *pictus* (Roelofs, 1875), *Bradybatus sharpi*, *Sitona aberans* Faust, 1887, *S. amurensis*, *Dyslobus variegatum* (Motschulsky, 1845), *Polydrusus corruscus* and *Blosyrus falcatus* (Faust, 1882)) are listed for the fauna of the reserve in the unpublished Chronicles of Nature.

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