



# A checklist of bark and ambrosia beetles (Coleoptera: Scolytidae and Platypodidae) from Siberia and the Russian Far East

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Currently, 185 species of the family Scolytidae and three species of the family Platypodidae are recorded from Asian Russia. In total, 99 species of bark beetles are found in Siberia and 168 species in the Russian Far East. Platypodidae are known only from the south of the Russian Far East. Two species of Scolytidae are found in Yamalo-Nenets Autonomous Okrug, 13 species in Khanty-Mansi Autonomous Okrug, 19 species in Tyumen Oblast, four species in Kurgan Oblast, three species in Omsk Oblast, 37 species in Tomsk Oblast, 28 species in Novosibirsk Oblast, 32 species in Kemerovo Oblast, 25 species in Altay Krai, 53 species in Altai Republic, 62 species in Krasnoyarsk Krai, 11 species in Republic of Khakassia, 24 species in Tyva Republic, 55 species in Irkutsk Oblast, 61 species in Buryatiya Republic, 40 species in Zabaikalskii Krai, 52 species in Sakha (Yakutia) Republic, 25 species in Kamchatka Oblast, one species in Chukotka Autonomous Okrug, 19 species in Magadan Oblast, 45 species in Amur Oblast, one species in Jewish Autonomous Oblast, 67 species in Khabarovsk Krai, 130 species in Primorsky Krai, 87 species in Sakhalin Is. and 68 species in Kuriles Isl.

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## Keywords

Curculionoidea, beetles, fauna, distribution, North Asia, Russia.

## Introduction

The first summarized data about the bark beetles was given by Heyden (1880–1881). The analytical reviews of scolytids were presented by Krivolutskaya (1983) and Yanovskij (1999). The keys to the bark and ambrosia beetles from the Russian Far East were compiled by Krivolutskaya (1996). In 2020, the author (Legalov 2020) published a list of Curculionoidea except the families Scolytidae and Platypodidae from Asian Russia. This is the first review of the bark and ambrosia beetles from Siberia and the Russian Far East.

## Material and methods



The studied materials are deposited in the Institute of Systematics and Ecology of Animals (Novosibirsk), Zoological Institute (St. Petersburg), and some private collections.

The published records of the bark and ambrosia beetles from Siberia and Russian Far East (Heyden 1880–1881; Lavrov 1927; Kiseleva 1928, 1946, 1951, 1952; Kurentsov 1941; Eggers 1942; Florov 1949; Cherepanov 1952; Stark 1952; Krivolutskaya 1958, 1961, 1965a, 1965b, 1973, 1983, 1996a, 1996b; Rudnev 1958; Sokanovsky 1960; Lindeman 1961; Lurie and Lindeman 1961; Isaev and Tarasova 1965; Nemkova 1965; Galkin 1966; Ivliev and Kononov 1966, 1974; Opanassenko and Kononenko 1966; Krivolutskaya and Kupyanskaya 1970; Averensky 1971, 1999; Kononenko and Opanassenko 1971; Berezhnykh 1979; Nobuchi 1979; Gurov and Dryanniykh 1982; Shatilov 1985, 1987; Wood and Bright 1992; Yanovskij 1999; Legalov and Sitnikov 2000; Mandelshtam 2001, 2002; Petrov and Mandelshtam 2002; Izhevsky et al. 2005; Krivets and Chemodanov 2005; Mandelshtam et al. 2007, 2018; Park and Lyu 2007; Bukhskalo et al. 2011, 2014; Kerchev 2011; Knížek 2011; Krivets et al. 2011; Krivets and Vysotina 2011; Petrov 2011, 2018; Akulov and Mandelshtam 2012a, 2012b; Efimov and Legalov 2012; Mandelshtam and Petrov 2016, 2019, 2022; Alonso-Zarazaga et al. 2017; Kerchev et al. 2019; Petrov et al. 2019; Johnson et al. 2020; Mandelshtam and Sergeev 2020; Petrov and Shamaev 2020; Agafonova et al. 2021; Shamaev 2021; Mandelshtam et al. 2022, etc.) are included.

The high systematics of studied taxa are from the works (Wood 1986, 1993; Zherichin and Egorov 1991; Morimoto and Kojima 2004; Gratshev and Legalov 2014; Legalov 2015).

Abbreviations for the names of federal subjects are follow (fig. 1): West Siberia: Yamalo-Nenets Autonomous Okrug - YAN, Khanty-Mansi Autonomous Okrug - KHM, Tyumen Oblast - TMN, Kurgan Oblast - KURG, Omsk Oblast - OMS, Tomsk Oblast - TOM, Novosibirsk Oblast - NOV, Kemerovo Oblast - KEM, Altay Krai - ALT, Altai Republic - RAL, Krasnoyarsk Krai - KRN, Republic of Khakassia - KHA, Tyva Republic - TUV, East Siberia: Irkutsk Oblast - IRK, Buryatiya Republic - BUR, Zabaikalskii Krai (formerly Chita Oblast) - CHT, Sakha (Yakutia) Republic - YAK, Far East: Kamchatka Oblast - KAM, Chukotka Autonomous Okrug - CHUK, Magadan Oblast - MAG, Amur Oblast - AMUR, EAO - Jewish Autonomous Oblast, Khabarovsk Krai - KHAB, Primorsky Krai - PRIM, Sakhalin Is. - SAKH, Kuriles Isl. - KUR.



**Figure 1.** Map of the administrative units of studied area.

## Results

Superfamily **Curculionoidea** Latreille, 1802

Family **Scolytidae** Latreille, 1806

Subfamily **Hylesininae** Erichson, 1836

Tribe **Hylastini** LeConte, 1876

Genus *Hylastes* Erichson, 1836

*ater* (Paykull, 1800) – KHM, TMN, TOM, NOV, RAL, KRN, IRK, BUR, AMUR.

= *angusticollis* Eggers, 1929

*brunneus* Erichson, 1836 – TMN, TOM, NOV, KEM, ALT, RAL, KRN, BUR, CHT, YAK, KHAB, PRIM.

= *aterrimus* Eggers, 1933



*cunicularius* Erichson, 1836 (Fig. 2a) – KHM, TMN, TOM, RAL, KRN, IRK, BUR, YAK, PRIM, SAKH.

= *starki* Eggers, 1933

*opacus* Erichson, 1836 – TMN, TOM, NOV, ALT, RAL, KRN, IRK, BUR, CHT, YAK, AMUR, PRIM.

*paralellus* Chapuis 1875 – “East Siberia, Far East” [Knížek 2011].

*obscurus* Chapuis, 1875 – RAL, IRK, YAK, KAM, AMUR, KHAB, PRIM, SAKH.

= *plumbeus* Blandford, 1894

= *septentrionalis* Eggers, 1923

Genus *Hylurgops* Le Conte, 1876

*glabratus* (Zetterstedt, 1828) – KHM, TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH.

= *paykulli* Duftschmidt, 1825

= *decumanus* Erichson, 1836

= *tenebrosus* Sahlberg, 1836

*interstitialis* (Chapuis, 1875) – YAK, MAG, KAM, AMUR, KHAB, PRIM.

= *imitator* Reitter, 1900

*longipilus* Reitter, 1894 – IRK, BUR, KAM, AMUR, KHAB, PRIM, SAKH.

*palliatus* (Gyllenhal, 1813) – KHM, TMN, NOV, TOM, KEM, RAL, KHA, KRN, BUR, YAK, KHAB, PRIM, SAKH, KUR.

= *parvus* Eggers, 1933

*spessivtsevi* Eggers, 1914 – IRK, BUR, YAK, AMUR, KHAB, PRIM, SAKH.

*transbaicalicus* Eggers, 1941 – YAK, KAM, KHAB, PRIM.

Tribe **Hylesinini** Erichson, 1836

Genus *Alniphagus* Swaine, 1918

*costatus* (Blandford, 1894) (Fig. 2b) – KHAB, PRIM, SAKH, KUR.

= *alni* Niisima, 1909

Genus *Hylesinus* Fabricius, 1801

*cholodkovskyi* Berger, 1916 – PRIM.

*cingulatus* Blandford, 1894 – KHAB, PRIM.

*eos* Spessivtsev, 1919 – KHAB, PRIM.

*laticollis* Blandford, 1894 – KHAB, PRIM.

= *striatus* Eggers, 1933

= *pravdini* Stark, 1936

*nobilis* Blandford, 1894 – PRIM.

= *shabliovskyi* Kurenzov, 1941

*mandshuricus* Eggers, 1922 – PRIM.

*tristis* Blandford, 1894 (Fig. 2c) – PRIM.

= *lubarskyi* Stark, 1936

Genus *Longulus* Krivolutskaya, 1968

*elatus* (Niisima, 1913) (Fig. 2d) – KUR.

Tribe **Hylurgini** Gistel, 1848

Genus *Dendroctonus* Erichson, 1836

*micans* (Kugelann, 1794) (Fig. 2e) – KHM, KURG, NOV, ALT, RAL, KRN, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH.

Genus *Hylurgus* Latreille, 1806

*ligniperda* (Fabricius, 1787) – ALT.

Genus *Tomicus* Latreille, 1802

*minor* (Hartig, 1834) – TMN, NOV, TOM, RAL, KRN, IRK, BUR, YAK, AMUR, KHAB, PRIM.

*pilifer* (Spessivtsev, 1919) – KHAB, PRIM.

*piniperda* (Linnaeus, 1758) – TMN, NOV, TOM, KEM, ALT, RAL, KRN, IRK, BUR, YAK, AMUR, PRIM.

*puellus* (Reitter, 1894) – KHAB, PRIM, SAKH.

= *puellus* f. *orientalis* Krivolutskaya, 1956

= *starki* Eggers, 1929

Genus *Xylechinus* Chapuis, 1869

*bergeri* Spessivtsev, 1919 – PRIM

*pilosus* (Ratzeburg, 1837) – NOV, TOM, KEM, ALT, RAL, KHA, KRN, TUV, IRK, BUR, YAK, MAG, KAM, KHAB, PRIM, SAKH.

Tribe **Hyorrhynchini** Hopkins, 1915

Genus *Pseudohyorrhynchus* Murayama, 1950

*wadai* Murayama, 1950 (Fig. 2f) – KUR.

= *wadai kuriensis* Krivolutskaya, 1956

Tribe **Diamerini** Hagedorn, 1909

Genus *Sphaerotrypes* Blandford, 1894

*imitans* Eggers, 1926 – PRIM.

*juglansis* Krivolutskaya, 1970 – PRIM.

Tribe **Phloeotribini** Chapuis, 1869

Genus *Phloeotribus* Latreille, 1797

*spinulosus* (Rey, 1883) – KEM, RAL, KRN, IRK, BUR, YAK, SAKH.

Tribe **Polygraphini** Chapuis, 1869

Genus *Carphoborus* Eichhoff, 1864

*cholodkovskyi* Spessivtsev, 1916 – NOV, TOM, ALT, RAL, KRN, IRK, BUR, CHT, YAK, MAG, AMUR.

*jurinskii* Eggers, 1910 – IRK, YAK.

*rossicus* Semenov, 1902 – KEM, KRN.

*teplouchovi* Spessivtsev, 1916 – NOV, KEM, ALT, RAL, KRN, IRK, BUR, CHT, YAK, MAG, AMUR.

Genus *Polygraphus* Erichson, 1836

*abietis* Kurentsov, 1941 – KHAB, PRIM.

*gracilis* Niisima, 1909 – KHAB, PRIM, SAKH, KUR.

*horyurensis* Murayama, 1937 – SAKH.



*jezoensis* Niisima, 1909 – KAM, KHAB, PRIM, SAKH.

*kisoensis* Niisima, 1941 – SAKH.

*nigrielytris* Niisima, 1913 – KAM, SAKH, KUR.

*poligraphus* (Linnaeus, 1758) – TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, KAM, AMUR, KHAB, PRIM, SAKH, KUR.

= *pubescens* Fabricius, 1792

= *griseus* Eggers, 1932

*proximus* Blandford, 1894 – NOV, TOM, KEM, ALT, RAL, KRN, KHA, IRK, KHAB, PRIM, SAKH, KUR.

= *abietis* Kurenzov, 1941

= *horyurensis* Murayama, 1937

= *laticollis* Eggers, 1926

*punctifrons* Thomson, 1886 – TOM, RAL, KRN, YAK, KAM, SAKH.

= *seriatus* Reitter, 1913

*shariensis* Niisima, 1941 – SAKH, KUR.

*ssiori* Niisima, 1909 – SAKH, KUR.

*subopacus* Thomson, 1871 – TOM, KEM, RAL, KRN, IRK, BUR, YAK, KAM, AMUR, KHAB, PRIM, SAKH, KUR.

= *sachalinensis* Eggers, 1926

Subfamily **Scolytinae** Latreille, 1806

Tribe **Scolytini** Latreille, 1806

Genus *Scolytus* Geoffroy, 1762

*aratus* Blandford, 1884 – AMUR, PRIM, SAKH, KUR.

= *aequipunctatus* Niisima, 1905

= *brevipennis* Kurenzov, 1941

= *intermedius* Kurenzov, 1941

*butovitschi* Stark, 1936 – KRN, BUR, PRIM.

= *butovitschi* Eggers, 1942

*chikisanii* Niisima, 1905 – PRIM, SAKH, KUR.



= *curviventralis* Niisima, 1905

= *mandschuricus* Schedl, 1941

*claviger* Blandford, 1894 – KHAB, PRIM.

= *platystylus* Wichmann, 1915

*dahuricus* Chapuis, 1869 – CHT, AMUR, PRIM, SAKH, KUR.

= *possyeti* Stark, 1938

*esuriens* Blandford, 1894 – KHAB, PRIM, SAKH, KUR.

= *sachalinensis* Michalski, 1964

*jacobsoni* (Spessivtsev, 1919) – KHAB, PRIM, SAKH.

= *rimskii* Kurennov, 1941

*japonicus* Chapuis, 1875 – BUR, CHT, KHAB, PRIM.

= *confusus* Eggers, 1922

= *mandli* Eggers, 1922

= *starki* Kurennov, 1941

= *subconfusus* Eggers, 1941

= *ussuriensis* Kurennov, 1941

*kirschii* Skalitzky, 1876 – ALT.

= *fasciatus* Reitter, 1890

*koltzei* Reitter, 1894 – KHAB, PRIM.

= *vexator* Reitter, 1913

*kononovi* Kurennov, 1941 – PRIM.

*mali* (Bechstein, 1805) – KURG, BUR, “Western Siberia” [Stark 1952], “Far East” [Knížek 2011].

= *pruni* Ratzeburg, 1837

= *pyri* Ratzeburg, 1837

= *bicallosus* Eggers, 1933

*morawitzi* Semenov, 1902 – NOV, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH.

= *pini* Eggers, 1942

*nunbergi* Michalski, 1964 – PRIM.

*pubescens* Stark, 1936 – PRIM.

*ratzeburgi* Janson, 1856 (Figs. 2g-h) – KHM, TMN, OMS, NOV, TOM, ALT, KEM, KRN, TUV, IRK, BUR, CHT, YAK, KAM, AMUR, KHAB, PRIM, SAKH.

= *amurensis* Eggers, 1908

= *sahlbergi* Eggers, 1912

= *sibiricus* Eggers, 1922

= *lineatus* Kurenzov, 1941

*rugulosus* (Mueller, 1818) – KURG, TOM, ALT, “Transbaicalia” [Yanovskij 1999]

= *mediterraneus* Eggers, 1922

= *caucasicus* Butovitsch, 1929

= *rugulosus samarkandicus* Butovitsch, 1929

= *manglissiensis* Lezhava, 1940

= *taxicola* Lezhava, 1941

= *rugulosus intermedius* Sокановский, 1960

*schevyrewi* Semenov, 1902 – NOV, ALT, KHA, KRN, IRK, BUR, CHT, PRIM.

= *transcaspicus* Eggers, 1922

= *sinensis* Eggers, 1910

*scolytus* (Fabricius, 1775) – IRK, “Western Siberia” [Yanovskij 1999].

= *destructor* Olivier, 1795

= *fuchsi* Reitter, 1913

*semenovi* (Spessivtsev, 1919) – BUR, KHAB, PRIM.

*ventrosus* Schevyrew, 1890 – PRIM, SAKH, KUR, “East Siberia” [Petrov et al. 2019].

= *grandis* Kurenzov, 1941

= *ventricosus* Schevyrew, 1897

= *trispinosus* Strohmeyer, 1908

Tribe **Scolytoplatypodini** Blandford, 1893

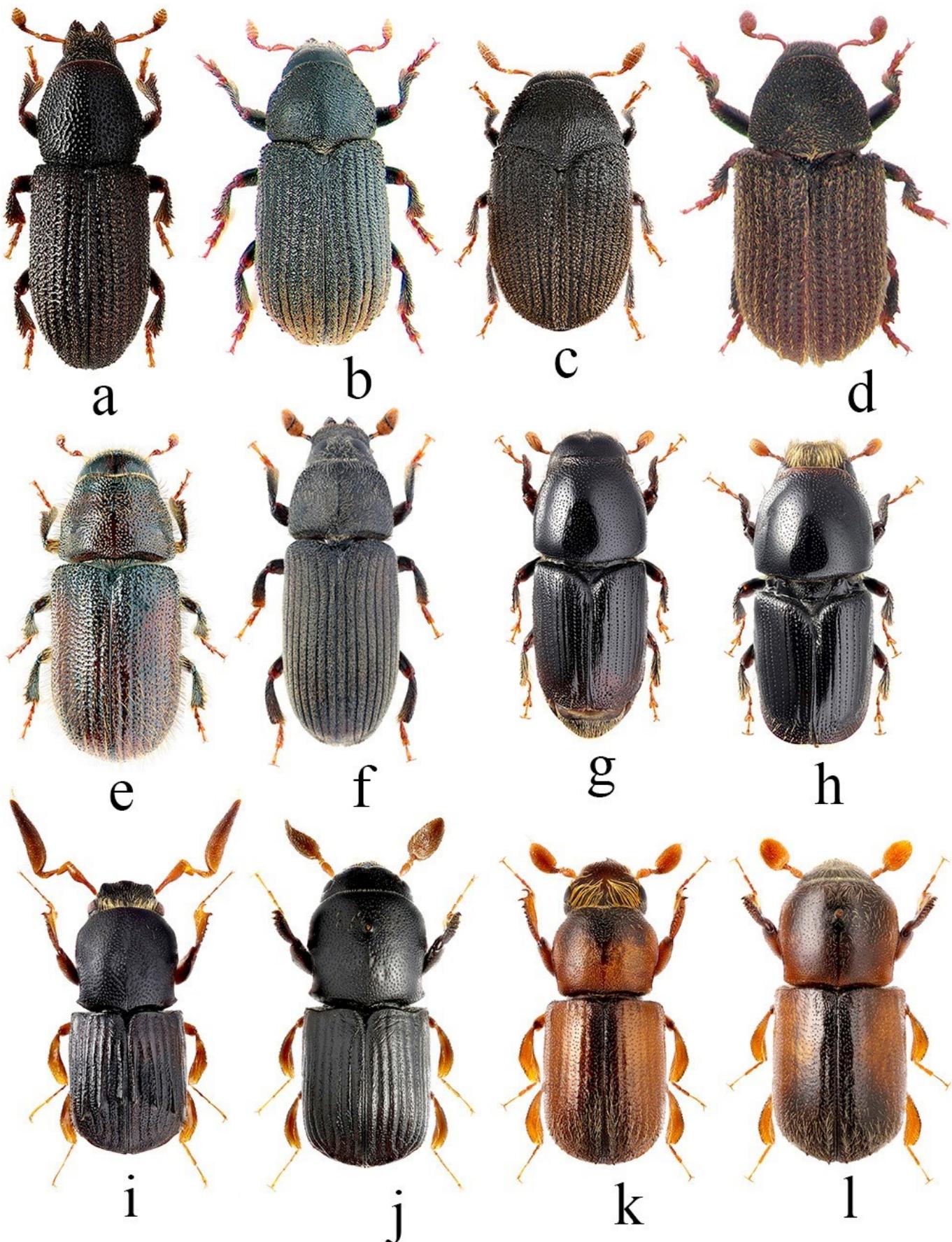
Genus *Scolytoplatypus* Schaufuss, 1891



*daimio* Blandford, 1893 (Fig. 3a) – SAKH, KUR.

*mikado* Blandford, 1893 (Figs. 2i-j) – SAKH, KUR.

*tycon* Blandford, 1893 (Figs. 2k-l) – AMUR, KHAB, PRIM, SAKH, KUR.



**Figure 2.** Representatives of Scolytidae: a - *Hylastes cunicularius*, b - *Alniphagus costatus*, c - *Hylesinus tristis*, d -



*Longulus elatus*, e - *Dendroctonus micans*, f - *Pseudohyorynchus wadai*, g - *Scolytus ratzeburgi*, female, h - *S. ratzeburgi*, male, i - *Scolytoplatypus mikado*, male, j - *S. mikado*, female, k - *S. tycon*, male, l - *S. tycon*, female. Photos from [www.zin.ru/Animalia/Coleoptera](http://www.zin.ru/Animalia/Coleoptera). Author K.V. Makarov.

**Tribe Micracidini LeConte, 1876**

Genus *Pseudothysanoes* Blackman, 1920

= *Gretschkinia* Sокановского, 1958

*modestus* (Murayama, 1940) - "Transbaicalia" [Krivolutskaya 1996].

= *mongolica* Sокановского, 1958

**Tribe Ipini Bedel, 1888**

Genus *Ips* De Geer, 1775

*acuminatus* (Gyllenhal, 1827) - TMN, NOV, TOM, KEM, ALT, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM.

*amitinus* (Eichhoff, 1871) - TOM, KEM.

*duplicatus* (Sahlberg, 1836) - KHM, TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH.

*hauseri* Reitter, 1894 - KRN, "South Alta" [Stark 1952].

= *ussuriensis* Reitter, 1913

*sexdentatus* (Boerner, 1767) - KHM, KURG, TMN, NOV, TOM, KEM, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM.

*subelongatus* (Motschulsky, 1860) - NOV, KEM, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, KAM, CHUK, MAG, AMUR, KHAB, PRIM, SAKH, KUR.

*typographus* (Linnaeus, 1758) (Fig. 3b) - KHM, TMN, NOV, TOM, KEM, ALT, RAL, KRN, TUV, IRK, BUR, CHT, YAK, MAG, AMUR, KHAB, PRIM, SAKH, KUR.

Genus *Orthotomicus* Ferrari, 1867

*golovjankoi* Pjatnitzky, 1930 - CHT, AMUR, KHAB, PRIM, SAKH.

*laricis* (Fabricius, 1792) - TMN, TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, MAG, KAM, AMUR, KHAB, PRIM, SAKH, KUR.

*proximus* (Eichhoff, 1867) - TMN, NOV, TOM, KEM, ALT, RAL, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, PRIM.

*starki* Spessivtsev, 1926 - RAL, KRN, BUR, KAM, KHAB, PRIM, SAKH.

*suturalis* (Gyllenhal, 1827) - YAN, KHM, TMN, NOV, TOM, KEM, ALT, RAL, KRN, TUV, IRK, BUR, CHT, YAK, MAG, AMUR, KHAB, PRIM, SAKH, KUR.



= *nigritus* Gyllenhal, 1827

Genus *Pityogenes* Bedel, 1888

*bidentatus* (Herbst, 1784) – NOV, TOM, ALT, RAL, KEM, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH, KUR.

*chalcographus* (Linnaeus, 1761) – KHM, TMN, OMS, NOV, TOM, ALT, RAL, KRN, TUV, IRK, BUR, CHT, YAK, MAG, KHAB, PRIM, SAKH, KUR.

*conjunctus* (Reitter, 1887) – TMN, TOM, RAL, KRN, TUV, IRK, BUR, CHT, MAG, PRIM, KUR.

= *baicalicus* Eggers, 1933

*foveolatus* Eggers, 1926 – BUR, CHT, MAG, KAM, AMUR, KHAB, PRIM, SAKH, KUR.

*irkutensis* Eggers, 1910 – TMN, TOM, ALT, RAL, KRN, IRK, BUR, CHT, YAK, KAM, AMUR, PRIM.

= *monacensis* Fuchs, 1911

*quadridens* (Hartig, 1834) – TOM, ALT, RAL, KRN, IRK, BUR, CHT, YAK, AMUR.

*rudnevi* Sokanovskii, 1959 – PRIM.

*saalasi* Eggers, 1914 – RAL, KRN, IRK, BUR, YAK.

*seirindensis* Murayama, 1929 – KHAB, PRIM, SAKH.

= *aizawai* Kono, 1938

= *nitidus* Eggers, 1941

Genus *Pityokteines* Fuchs, 1911

*curvidens* (Germar, 1824) – YAK.

Tribe **Dryocoetini** Lindemann, 1877

Genus *Dryocoetes* Eichhoff, 1864

*aceris* Krivolutskaya, 1968 – KUR.

*alni* (Georg, 1856) – RAL, KRN, IRK.

*autographus* (Ratzeburg, 1837) (Fig. 3c) – YAN, TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, MAG, AMUR, KHAB, PRIM, SAKH, KUR.

= *suecicus* Eggers, 1923

*baicalicus* Reitter, 1899 – NOV, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, MAG, AMUR, KHAB, SAKH, KUR.



*infuscatus* Murayama, 1937 – BUR, CHT, PRIM, SAKH, KUR.

= *orientalis* Kurenzov, 1941

= *orientalis* var. *pilosiusculus* Kurenzov, 1948

*hectographus* Reitter, 1913 – KHM, TOM, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH, KUR.

*krivolutzkajae* Mandelshtam, 2001 – KAM.

*pini* Niisima, 1909 – BUR, CHT, SAKH.

*cerasi* Eggers, 1942 – PRIM.

= *cerasi* Stark, 1950

*padi* Kurenzov, 1941 – KHAB, PRIM.

= *padi* Stark, 1952

*rugicollis* Eggers, 1926 – AMUR, KHAB, PRIM, SAKH, KUR.

*striatus* Eggers, 1933 – PRIM, SAKH, KUR.

= *abietinus* Kono et Tamanuki, 1939

*uniseriatus* Eggers, 1926 – SAKH.

*ussuriensis* Eggers, 1933 – MAG, KAM, AMUR, KHAB, PRIM, SAKH, KUR, “Western Siberia” [Knížek 2011].

= *rugulosus* Eggers, 1933

Genus *Lymantor* Lovendal, 1889

*aceris* (Lindemann, 1875) – BUR, PRIM.

*coryli* (Perris, 1853) – IRK, BUR, YAK, “Western Siberia, Far East” [Alonso-Zarazaga et al. 2017].

Genus *Taphrorychus* Eichhoff, 1878

*carpini* (Kurenzov, 1941) – PRIM.

= *carpini* Eggers, 1942

= *carpini* Stark, 1952

Tribe **Crypturgini** LeConte, 1876

Genus *Crypturgus* Erichson, 1836

*cinereus* (Herbst, 1793) – NOV, TOM, KEM, ALT, RAL, KRN, TUV, IRK, BUR, CHT, YAK, AMUR,

KHAB, PRIM, SAKH.

*hispidulus* Thomson, 1870 – TOM, KEM, RAL, KRN, BUR, CHT, YAK, KAM, PRIM, SAKH, KUR.

*pusillus* (Gyllenhal, 1813) – TOM, KEM, RAL, KRN, IRK, BUR, CHT, YAK, PRIM, SAKH, KUR.

*subcribrosus* Eggers, 1933 – KRN, PRIM, SAKH, “Eastern Siberia” [Knížek 2011].

*tuberosus* Niisima, 1909 – KHAB, PRIM, SAKH.

#### Tribe **Xyloterini** LeConte, 1876

Genus *Indocryphalus* Eggers, 1939

*aceris* (Niisima, 1910) (Fig. 3d) – KHAB, PRIM.

*pubipennis* (Blandford, 1894) – “SAKH, KUR” [Krivolutskaya 1996].

Genus *Trypodendron* Stephens, 1830

*laeve* Eggers, 1939 – KRN.

*lineatum* (Olivier, 1795) – KHM, TMN, TOM, NOV, KEM, ALT, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, MAG, KAM, AMUR, KHAB, PRIM, SAKH, KUR.

=*granulatum* Eggers, 1933

*niponicum* Blandford, 1894 – BUR, MAG, KAM, KHAB, PRIM, SAKH, KUR.

*proximum* Niisima, 1909 (Fig. 3e) – KHAB, PRIM, SAKH, KUR.

*signatum* (Fabricius, 1787) – NOV, KEM, RAL, KRN, TUV, IRK, BUR, CHT, YAK, PRIM, SAKH.

=*suturale* Eggers, 1933

#### Tribe **Xyleborini** LeConte, 1876

Genus *Anisandrus* Ferrari, 1867

*apicalis* Blandford, 1894 – PRIM, KUR (Kunashir).

*dispar* (Fabricius, 1792) (Figs. 3g-h) – TMN, TOM, OMS, NOV, KEM, ALT, RAL, KHA, KRN, TUV, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH.

=*aequalis* Reitter, 1913

*maiche* Stark, 1936 – PRIM, KUR, “Western Siberia” [Krivolutskaya 1996], “Eastern Siberia” [Knížek 2011].

Genus *Cnestus* Sampson, 1911



*mutilatus* (Blandford, 1894) – PRIM.

Genus *Cyclorhipidion* Hagedorn, 1912

*bodoanus* Reitter, 1913 – EAO, PRIM. “Eastern Siberia” [Stark 1952].

= *punctulatus* Kurenzov, 1948

*japonicus* (Nobuchi, 1981) – PRIM.

*pelliculosum* (Eichhoff, 1878) – PRIM.

= *starki* Nunberg, 1956

= *quercus* Kurenzov, 1948

Genus *Microperus* Wood, 1980

*molestus* Park et Smith, 2020 – PRIM.

Genus *Xyleborinus* Reitter, 1913

*attenuatus* (Eichhoff, 1876) – KHAB, PRIM, SAKH.

= *alni* Niisima, 1909

*saxesenii* (Ratzeburg, 1837) – TUV, BUR, YAK, KAM, PRIM, SAKH, KUR, “Western Siberia” [Knížek 2011].



a



b



c



d



e



f



g



h



i

**Figure 3.** Representatives of Scolytidae: a - *Scolytoplatypus daimio*, male, b - *Ips typographus*, c - *Dryocoetes autographus*, d - *Indocryphalus aceris*, e - *Trypodendron proximum*, f - *Xyleborus seriatus*, g - *Anisandrus dispar*, female, h - *A. dispar*, male, i - *Ernoporicus insularum*. Photos from [www.zin.ru/Animalia/Coleoptera](http://www.zin.ru/Animalia/Coleoptera). Author K.V. Makarov.

Genus *Xyleborus* Eichhoff, 1864

*cryptographus* (Ratzeburg, 1837) – KRN, “Altai” [Yanovskij 1999], “Western Siberia, Far East” [Knížek 2011].

*seriatus* Blandford, 1894 (Fig. 3f) – PRIM.

= *orientalis* Eggers, 1933

Genus *Xylosandrus* Reitter, 1913

*germanus* (Blandford, 1894) – PRIM, SAKH, KUR.

Tribe **Cryphalini** Lindemann, 1877Genus *Allernoporus* Kurenzov, 1941

*euonymi* Kurenzov, 1941 – PRIM.

Genus *Cryphalus* Erichson, 1836

*asperatus* (Gyllenhal, 1813) – TOM, KRN, IRK, “Far East” [Knížek 2011].

= *abietis* Ratzeburg, 1837

*carpini* Berger, 1916 – PRIM.

= *carpinivorus* Murayama, 1930

*coryli* Stark, 1936 – PRIM.

*exiguus* Blandford, 1894 – SAKH, KUR.

*kurenzovi* Stark, 1936 – AMUR, PRIM, SAKH, KUR.

= *punctulatus* Eggers, 1942

= *ussuriensis* Eggers, 1942

*kurilensis* Krivolutskaya, 1968 – KUR.

*laricis* Niisima, 1909 – SAKH.

*latus* Eggers, 1929 – BUR, CHT, YAK, AMUR, KHAB, PRIM, SAKH, “Western Siberia” [Alonso-Zarazaga et al. 2017].

= *premayaensis* Murayama, 1943

*longus* (Eggers, 1926) – KAM, MAG, PRIM, SAKH, KUR.

= *alni* Krivolutskaya, 1958

*malus* Niisima, 1909 – SAKH, KUR.

= *padi* Krivolutskaya, 1958

*mandschuricus* Eggers, 1929 – KHAB, PRIM.

*nataliyae* Mandelshtam et Petrov, 2022 – SAKH.

*piceae* (Ratzeburg, 1837) – KHAB, PRIM.

= *orientalis* Eggers, 1911

*piceus* Eggers, 1926 – KHAB, PRIM, SAKH, KUR.

*pruni* Eggers, 1929 – PRIM, SAKH.

*redikorzevi* Berger, 1916 – PRIM, SAKH, KUR.

*saltuarius* Weise, 1891 – RAL, KRN, IRK, BUR, CHT, YAK, AMUR, KHAB, PRIM.

*scopiger* Berger, 1916 – PRIM.

*sichotensis* Kurenzov, 1941 – KHAB, PRIM.

*viburni* Stark, 1936 – PRIM.

= *viburni* Eggers, 1942

Genus *Eidophelus* Eichhoff, 1875

*imitans* Eichhoff, 1875 – PRIM, SAKH, KUR.

= *elegans* Krivolutskaya, 1958

Genus *Ernoporicus* Berger, 1917

*corni* (Kurenzov, 1941) – KHAB, PRIM, SAKH.

*insularum* (Krivolutskaya, 1968) (Fig. 3i) – KUR.

= *krivolutskayae* Wood, 1992

*semenovi* (Kurenzov, 1941) – PRIM, SAKH, KUR.

*spessivtzevi* Berger, 1916 – PRIM, SAKH, KUR.

*zachvatkini* (Krivolutskaya, 1958) – SAKH, KUR.

Genus *Ernopus* Thomson, 1859



*tiliae* (Panzer, 1793) – PRIM, “Western Siberia” [Stark 1952].

= *eggersi* Stark, 1936

= *starki* Eggers, 1942

Genus *Hypothenemus* Westwood, 1834

*atomus* Hopkins, 1915 – PRIM.

*margaritae* Petrov and Shamaev, 2020 – PRIM.

Genus *Procryphalus* Hopkins, 1915

*fraxini* (Berger, 1916) – Khab, PRIM.

Genus *Trypophloeus* Fairmaire, 1868

*alni* (Lindemann, 1875) – RAL, KRN, IRK, MAG, KAM, PRIM, SAKH.

*binodulus* (Ratzeburg, 1837) – NOV, KRN, ALT, RAL, PRIM, SAKH.

= *berezinae* Stark, 1952

= *kurenzovi* Nunberg, 1956

= *kurenzovi* Schedl, 1959

= *populi* Kurenzov, 1941

= *grothii* Hagedorn, 1904

*bispinulus* Eggers, 1927 – RAL, BUR, PRIM.

*dejevi* Stark, 1936 – BUR, KAM, MAG, PRIM, SAKH, “Western Siberia” [Knížek 2011].

= *dejevi* Eggers, 1942

= *niger* Stark, 1936

Tribe **Corthylini** LeConte, 1876

Subtribe **Pityophthorina** Eichhoff, 1878

Genus *Pityophthorus* Eichhoff, 1864

*abietinus* Wood, 1989 – PRIM.

= *abietis* Kurenzov, 1941

= *kurentzovi* Krivolutskaya, 1996



*glabratus* Eichhoff, 1878 – RAL, KRN.

*jucundus* Blandford, 1894 – SAKH.

*lapponicus* Kurenzov, 1941 – PRIM, “Eastern Siberia” [Yanovskij 1999].

= *lapponicus* Stark, 1952

*lichtensteinii* (Ratzeburg, 1837) – KEM, RAL, KRN, IRK, YAK, AMUR, KUR.

= *rossicus* Eggers, 1915

*micrographus* (Linnaeus, 1758) – RAL, KRN, IRK, BUR, YAK, AMUR.

*morosovi* Spessivtsev, 1926 – RAL, KRN, IRK, BUR.

*pini* Kurenzov, 1941 – KRN, IRK, YAK, PRIM.

*sachalinensis* Krivolutskya, 1956 – SAKH.

*sichotensis* Kurenzov, 1941 – KEM, IRK, PRIM.

*traegardhi* Spessivtsev, 1921 – RAL, KRN, IRK, YAK, “Far East” [Knížek 2011].

#### Subtribe **Corthylina** LeConte, 1876

Genus *Monarthrum* Kirsch, 1866

*meuseli* (Reitter, 1905) – KRN.

#### Family **Platypodidae** Shuckard, 1840

Subfamily **Platypodinae** Shuckard, 1840

Tribe **Platypodini** Shuckard, 1840

Genus *Platypus* Herbst, 1793

*koryoensis* (Murayama, 1930) – PRIM.

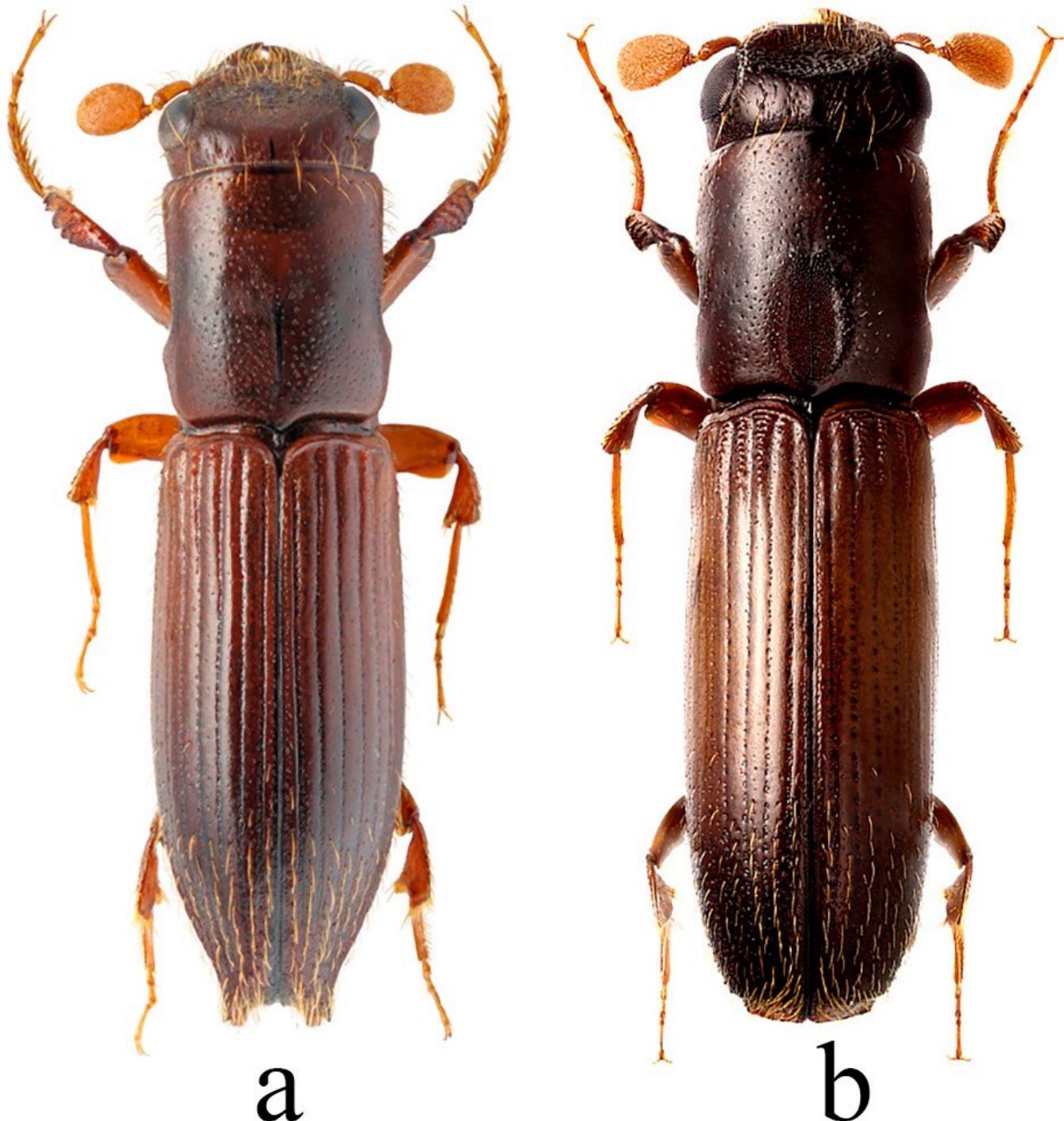
*quercivorus* (Murayama, 1925) – PRIM.

Genus *Treptoplatypus* Schedl, 1972

*severini* (Blandford, 1894) (Fig. 4) – PRIM, KUR.

Currently, 185 species of the family Scolytidae and three species of the family Platypodidae are recorded from Asian Russia, 99 species of bark beetles are found in Siberia and 168 species in the Russian Far East. Platypodidae are known from the of the the Russian Far East. Two species are found in Yamalo-Nenets Autonomous Okrug, 13 species in Khanty-Mansi Autonomous Okrug, 19 species in Tyumen Oblas, four species in Kurgan Oblast, three species in Omsk Oblast, 37 species in Tomsk Oblast, 28 species in Novosibirsk Oblast, 32 species in Kemerovo Oblast, 25 species in Altay Krai, 53 species in Altai Republic, 62 species in Krasnoyarsk Krai, 11 species in Republic of

Khakassia, 24 species in Tyva Republic, 55 species in Irkutsk Oblast, 61 species in Buryatiya Republic, 40 species in Zabaikalskii Krai, 52 species in Sakha (Yakutia) Republic, 25 species in Kamchatka Oblast, one species in Chukotka Autonomous Okrug, 19 species in Magadan Oblast, 45 species in Amur Oblast, one species in Jewish Autonomous Oblast, 67 species in Khabarovsk Krai, 130 species in Primorsky Krai, 87 species in Sakhalin Is. and 68 species in Kuriles Isl.



**Figure 4.** *Treptoplatypus severini*: a - male, b - female. Photos from [www.zin.ru/Animalia/Coleoptera](http://www.zin.ru/Animalia/Coleoptera). Author K.V. Makarov.

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