

**Contribution to the fauna of the genus *Andrena* Fabricius  
(Hymenoptera: Apoidea: Andrenidae) of Western Siberia**

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**К фауне рода *Andrena* Fabricius (Hymenoptera:  
Apoidea: Andrenidae) Западной Сибири**

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**Abstract.** In addition to a previously published study about Siberian *Andrena* bees here report 63 new or little known species for the fauna of Western Siberia. Seven species, *Andrena colonialis* Morawitz, 1886, *A. enslinella* Stoekhert, 1924, *A. florivaga* Eversmann, 1852, *A. flavipes* Panzer, 1799, *A. hypopolia* Schmiedeknecht, 1884, *A. pallitarsis* Pérez, 1903, and *A. proxima* (Kirby, 1802), are recorded from Siberia for the first time, and 12 species are newly recorded from Western Siberia. A total of 72 species are currently known from Western Siberia.

**Key words.** Apiformes, biodiversity, new records, Russia, Palearctic region.

**Резюме.** В дополнение к предыдущим данным по пчелам рода *Andrena* Сибири приводится список новых и малоизвестных для фауны Западной Сибири видов. Из них 7 видов [*Andrena colonialis* Morawitz, 1886, *A. enslinella* Stoekhert, 1924, *A. florivaga* Eversmann, 1852, *A. flavipes* Panzer, 1799, *A. hypopolia* Schmiedeknecht, 1884, *A. pallitarsis* Pérez, 1903 и *A. proxima* (Kirby, 1802)] впервые указываются для Сибири и 12 видов – для Западной Сибири. Всего в фауне андрен Западной Сибири в настоящее время известны 72 вида.

**Ключевые слова.** Apiformes, биоразнообразие, новые находки, Россия, Палеарктика.

## Introduction

*Andrena* Fabricius, 1775 is one of the largest bee genus in the World. It unite about 1500 species and almost 950 among them are known from the Palearctic region (Gusenleitner, Schwarz, 2002). Genus is distributed throughout the Holarctic region, south in Western Hemisphere to Panama, where one species occurs in the tropical lowlands, in Africa through the East African highlands and south to the Cape of Good Hope, and in Asia to the mountains of southern India and of Malaysia (Michener, 2007).

Currently 226 species are known in the fauna of Russia (Proshchalykin et al., 2017), but the *Andrena* fauna of Siberia is particularly unexplored. Up to end of XIX century Siberia in Russia was recognized as the territory from Ural Mountains in the west to the Pacific Ocean in the east. Very often at that time the entomologists used for the type locality «Siberia occidentalis» (Western Siberia) or «Siberia orientalis» (Eastern Siberia, Far East); even now many foreign entomologists divide Siberia thereby. Currently, Siberia includes 14 administrative regions of the Russian Federation with an area about 9.7 millions sq. m (Yurkovskaya et al., 2008) and is divided into two large parts: Western Siberia (Tyumen, Omsk, Tomsk, Novosibirsk and Kemerovo Provinces, Altai Territory, Altai Republic) and Eastern Siberia (Khakassia and Tyva Republics, Krasnoyarsk Territory, Irkutsk Province, Buryatia and Sakha Republic (Yakutia), Zabaykalskiy Territory).

Here we continue our study of *Andrena* bees of Siberia started in 2010 (Sidorov, Ereemeeva, 2010; Sidorov, 2016; Sidorov, Proshchalykin, 2017a, 2017b). The aim of the present paper is publication of the previously unknown taxa records of the *Andrena* species in Western Siberia. *Andrena wilkella* (Kirby, 1802) [as *A. convexiuscula* (Kirby, 1802)], *Andrena thoracica* (Fabricius, 1775), *A. marginata* Fabricius, 1776 [as *A. cetii* (Schrank, 1781)] and *A. pilipes* Fabricius, 1781 [as *Apis carbonaria* auct.] were the first species of the genus to be recorded from Western Siberia (Kemerovo Prov. and Altai Terr.) (Wnukowskij, 1926, 1927) and a total of two *Andrena* taxa have since been described from Western Siberia: *Andrena altaica* Lebedev, 1932 and *Andrena callopyrrha kozlovi* Osytshnjuk, 1994 [= *Andrena callopyrrha* Cockerell, 1929] (Proshchalykin, Lelej, 2013). Fifty three *Andrena* species have been recorded from Western Siberia so far (Wnukowsky, 1936; Lavrov, 1927; Sedykh, 1974; Shumakova et al., 1982; Konusova, 1998; Konusova, Yanyushkin, 2000; Osytshnjuk et al., 2005, 2008; Sidorov, Ereemeeva, 2010; Sidorov, 2016).

Based on a comprehensive study of specimens in various collections we here list 63 species of the genus *Andrena*, with 12 species newly recorded from Western Siberia, seven of which are newly recorded from Siberia as a whole. A total 72 species of the genus *Andrena* are currently known from Western Siberia.

## Material and methods

The results presented in this paper are based on 3000 specimens mainly collected in the last few decades by entomologists in Western Siberia, that are currently housed in the collections of the Kemerovo, Tomsk and Novosibirsk State Universities, Scientific Center of the East Asia Terrestrial Biodiversity FEB RAS (Vladivostok), Zoological Institute RAS (St Petersburg) and Institute of Systematics and Ecology of Animals SB RAS (Novosibirsk). For detailed synonymy of *Andrena* species see Gusenleitner and Schwarz (2002), the general distribution follows Proshchalykin et al. (2017). We have used the following abbreviations for collectors: AL – A.S. Lelej; DS – D.A. Sidorov; MP – M.Yu. Proshchalykin; NE – N.I. Ereemeeva; OK – O.L. Konusova; SB – S.A. Belokobylskij; SYa – S.N. Yakovleva; VL – V.M. Loktionov. New distribution records are marked with an asterisk (\*).

## List of species

### *Andrena angarensis* Cockerell, 1929

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 29.VI.1998, OK, 1 ♀. *Kemerovo Prov.*: 5 km NE of Prokopyevsk, 16.VII.2007, DS, 1 ♀; Malaya Salairka, 13.VII.2010, S. Luzyanin, 2 ♀. *Altai Terr.*: 8 km S of Biysk, Ust'-Katun', 6.VII.2007, SB, 1 ♀, 1 ♂; Biysk, 6.VII.2007, SB, 1 ♀, 4 ♂; 30 km S of Kurya, Savvushka, 31.VII–I.VIII.2007, SB, 2 ♂. *Altai Rep.*: 20 km SE of Onguday, 6.VII.2007, SB, 1 ♂; Chemal, 19–21.VII.2007, SB, 1 ♀; Ust'-Koksa, 18.VII.2013, MP, VL, 2 ♀; Kayancha, 15.VIII.2014, DS, 3 ♀; 8 km SEE of Onguday, 27.VI–15.VII.2016, MP, VL, 1 ♀, 2 ♂; 14 km SE of Aktash, 1.VII.2016, MP, VL, 1 ♀, 1 ♂; 17 km W of Aktash, Boki River, 13.VII.2016, MP, VL, 1 ♂.

*Distribution.* Russia (\*Tomsk and Kemerovo Prov., \*Altai Rep., Eastern Siberia, Far East). – Kyrgyzstan, Mongolia.

***Andrena argentata* Smith, 1844**

*Material examined.* Russia. *Tomsk Prov.*: Kireyevsk, 1.VIII.1996, OK, 1 ♀; 7.VIII.1998, OK, 1 ♀; 3.VIII.1999, OK, 1 ♀. *Novosibirsk Prov.*: Zavyalovo, 22.VII.2011, A. Singatullina, 1 ♀. *Altai Terr.*: Barnaul, 11.V.2006, Yu. Danilov, 2 ♂.

*Distribution.* Russia (European part, Ural, \*Tomsk and \*Novosibirsk Prov., Altai Terr., Eastern Siberia, Far East). – Europe, Caucasus, Kazakhstan.

***Andrena atrata* Friese, 1887**

*Material examined.* Russia. *Novosibirsk Prov.*: Karasuk, 9.VI.1982, A. Barkalov, 1 ♂. *Kemerovo Prov.*: Shabanovo, 29.VI–3.VII.1998, NE, 7 ♀, 2 ♂.

*Distribution.* Russia (European part, Ural, \*Novosibirsk and \*Kemerovo Prov., Eastern Siberia). – Europe, Caucasus, Kazakhstan.

***Andrena barbilabris* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 23.VI.1997, OK, 1 ♀; 21.V.1999, OK, 1 ♂; *ibid.*, 2.VI.1999, OK, 1 ♂; *ibid.*, 6.VI.2000, OK, 2 ♀; *ibid.*, 26.V.2002, OK, 1 ♀. *Altai Terr.*: Barnaul, 11.V.2006, Yu. Danilov, 1 ♂.

*Distribution.* Russia (European part, Ural, Tyumen and Tomsk Prov., \*Altai Terr., Eastern Siberia, Far East). – Europe, Turkey, Kazakhstan, Mongolia, China, Japan, Northern America.

***Andrena bicolor* Fabricius, 1775**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., 41st km station, 27.IV–2.V.1997, OK, 4 ♀; *ibid.*, 10.V.1998, OK, 2 ♂; *ibid.*, 24.V.1998, OK, 1 ♀, 1 ♂; Tomsk, 30.VI.1997, OK, 1 ♀; Prosekino, 6.VII.1997, OK, 1 ♂; Tomsk, Sennaya Kurya 14.VII.1999, OK, 1 ♂; 40 km SE of Tomsk, 8–14.V.2000, OK, 4 ♂; *ibid.*, 14–20.V.2001, OK, 2 ♀; Berlinka, 24.IV.2001, D. Kurbatskiy, 1 ♀; 5 km S of Tomsk, 9.VI.2001, OK, 1 ♂. *Kemerovo Prov.*: 8 km SE of Kemerovo, 18.V.1998, NE, 3 ♀; Prokopyevsk, 13.V.1999, NE, 1 ♀; Kemerovo, 22.IV.2001, NE, 1 ♂; *ibid.*, 22.IV–5.V.2004, DS, 3 ♀, 1 ♂; 17 km S of Kemerovo, 19.V.2001, NE, 1 ♀; 4 km NW of Zhuravlevo, 2.VII.2006, SYa, 1 ♀; *ibid.*, 30.V.2009, DS, 1 ♀; *ibid.*, 6.VII.2011, DS, 1 ♀; 5 km NE of Prokopyevsk, 14.VII.2006, DS, 2 ♀; *ibid.*, 11.V.2008, DS, 1 ♂; *ibid.*, 9.V.2009, DS, 3 ♀, 1 ♂; 7 km SW of Guryevsk, 5.VII.2007, A. Starovoytova, 1 ♀; Makaranskiy, 6–10.VII.2007, DS, 1 ♀, 3 ♂; 10 km NW of Kemerovo, 16.V.2008, DS, 5 ♀; *ibid.*, 15.V.2010, DS, 1 ♀; 4 km S of Taradanovo, 2.VI.2008, DS, 3 ♀; 2 km SE of Chumay, 9.VII.2008, A. Kostyunin, 1 ♀; 10 km SW of Mundybash, 29.VII.2007, DS, 1 ♀; 10 km SW of Gorskino, 8.VII.2009, N. Vasyukova, 1 ♂; 10 km NE of Sheveli, 15.VII.2009, DS, 1 ♂; Azhendarovo biostation, 3.VIII.2009, DS, 1 ♀; 12 km NW of Kemerovo, 1.VII.2012, D. Efimov, 1 ♀. *Altai Rep.*: Souzga, 18.VII.1958, 1 ♂; Artybash, 24.VII.2007, SB, 1 ♀; 24 km NW of Aktash, 30.VI.2016, MP, VL, 1 ♀, 2 ♂; 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 2 ♂; 15 km SE of Kuray, 5–6.VII.2016, MP, VL, 1 ♂; 5 km SE of Chagan-Uzun, 11–12.VII.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Rep., Eastern Siberia). – Europe, North Africa, Caucasus, Turkey, Israel, Iran, Mongolia, China.

***Andrena chrysopyga* Schenck, 1853**

*Material examined.* Russia. *Omsk Prov.*: Krasny Oktyabr', 25.VI.2011, A. Byvaltsev, 1 ♀; Bol'shoy Atmas, 28.VI.2011, A. Byvaltsev, 1 ♀; *ibid.* 14–15.VI.2012, A. Byvaltsev, 4 ♀; *ibid.* 15–16.VI.2012, A. Proskuryakova, 5 ♀; *ibid.* 15.VI.2012, K. Belova, 1 ♀; Tatarka, 13.VI.2012, A. Proskuryakova, 1 ♀. *Tomsk Prov.*: Desyatovo, 19.VI.1990, OK, 1 ♂. *Kemerovo Prov.*: 4 km NW of Zhuravlevo, 4.VII.1995, N. Konovalchik, 1 ♂; *ibid.* 23–27.VI.2000, NE, 2 ♀; *ibid.* 28–30.VI.2006, SYa, 1 ♀, 1 ♂; *ibid.* 3–8.VII.2006, DS, 2 ♀; *ibid.* 29.V.2009, DS, 1 ♀; 31.VII.2009, D. Efimov, 1 ♀; Shabanovo, 10–16.VII.1995, NE, 2 ♂; *ibid.* 28.VI.1998, NE, 1 ♀; *ibid.* 29.VI.1998, Erofeeva, 1 ♀; *ibid.* 30.VI.1998, N. Kormienko, 1 ♀; *ibid.* 1.VII.1998, Kolmakova, 1 ♀; *ibid.* 1.VII.1998, N. Mishov, 2 ♀; *ibid.* 3 & 4.VII.1998, NE, 3 ♂; *ibid.* 4.VII.1998, O. Pastushenko, 1 ♀; 5 km S of Krasnoe, 8.VI.2008, DS, 5 ♀, 3 ♂; 10 km SW of Gorskino, 28.VI.2009, A. Kapustina, 1 ♂; *ibid.* 8.VII.2009, N. Vasyukova, 3 ♂; *ibid.* 9.VII.2009, I. Korotkova, 1 ♂; *ibid.* 9.VII.2009, A. Topolya, 1 ♂; Podyakovo, 1.VII.2010, N. Teplava, 1 ♀; Shestakovo, 9.VI.2015, D. Efimov, 1 ♂. *Altai Rep.*: 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 3 ♀.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk and \*Kemerovo Prov., Altai Terr., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Turkey, Kyrgyzstan, Kazakhstan.

***Andrena chrysosceles* (Kirby, 1802)**

*Material examined.* Russia. *Omsk Prov.*: Omsk, 7.V.1985, A. Barkalov, 1 ♂. *Tomsk Prov.*: Tomsk, 25.V.1996, OK, 1 ♂; *ibid.* 24.VI–1.VII.1996, OK, 2 ♀; *ibid.* 1–14.V.1997, OK, 5 ♂; *ibid.* 16–25.VI.1997, OK, 4 ♀; *ibid.* 27–31.V.1998, OK, 1 ♀,

1 ♂; ibid. 3.VII.1998, OK, 1 ♀; ibid. 20.V.1999, OK, 1 ♂; ibid. 23.VI.1999, OK, 1 ♀; ibid. 29.V–6.VI.2000, OK, 2 ♀; ibid. 22.VI.2000, OK, 1 ♀; Tomsk distr., 41st km station, 5.VI.1999, OK, 1 ♀; Kolarovo, 20.VI.2000, L. Grishaev, 3 ♀. *Kemerovo Prov.*: Kemerovo, 31.V.1999, NE, 1 ♀; ibid. 14.VII.2007, T. Khorenkova, 1 ♀; 4 km NW of Zhuravlevo, 13.VI.1999, NE, 1 ♀; 7 km SW of Guryevsk, 1.VII.2007, C. Baranova, 1 ♀; ibid. 10.VII.2007, N. Toropova, 1 ♀; Makarakskiy, 3–7.VII.2007, SYa, 4 ♀, 1 ♂; 9 km W of Taradanovo, 1.VI.2008, DS, 1 ♀; 15 km W of Kondoma, 22.VII.2008, DS, 1 ♀; 10 km NE of Sheveli, 15.VII.2009, DS, 1 ♀; Azhendarovo biostation, 2–3.VIII.2009, DS, 3 ♀; 2 km E of Abyshvevo, 4.VI.2015, DS, 2 ♀; 17 km NW of Kemerovo, 9.VII.2015, D. Efimov, 1 ♂. *Altai Rep.*: Ust'-Koksa, 18.VII.2013, MP, VL, 3 ♀.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk and Kemerovo Prov., \*Altai Rep.). – Europe, Caucasus, Turkey, Kazakhstan.

### ***Andrena cineraria* (Linnaeus, 1758)**

*Material examined.* Russia. *Tomsk Prov.*: Kireyevsk, 27.VI.1989, OK, 1 ♂; ibid. 16.VII–8.VIII.1995, OK, 2 ♀; Tomsk, 17.VI.1990, OK, 1 ♂; ibid. 29.VI.1995, OK, 1 ♂; ibid. 27.VI.1996, Peshkova, 1 ♂; ibid. 27.VI.1997, OK, 1 ♀; ibid. 14.VII.1999, Yanyushkin, 1 ♀; ibid. 6.VI.2000, OK, 1 ♂; ibid. 29.VI.2000, Lukyanova, 1 ♀; ibid. 28.V.2001, OK, 1 ♂; ibid. 19.VI.2001, L. Grishaev, 1 ♀; ibid. 22.VI.2001, OK, 1 ♀; Anikino, 12.VI.1995, OK, 1 ♀; 1.VI.1999, OK, 1 ♂; Kislovka, 26.VI.1995, OK, 1 ♀; Khaldeyev, 18.VII.1996, OK, 1 ♀; Tomsk, Sennaya Kurya, 20.VI.2001, OK, 1 ♂. *Novosibirsk Prov.*: Chany biostation, 24.VI.1985, A. Kharitonov, 1 ♂. *Kemerovo Prov.*: Podyakovo, 15.VII.1989, Khlebnikov, 1 ♀; 1.VII.1993, Posokhina, 1 ♀; 17 km S of Kemerovo, 7–9.1994, Eremkina, 1 ♀; Azhendarovo biostation, 7.VII.1996, K. Zubko, 1 ♀; Kemerovo, 15.VII.1996, NE, 1 ♀; ibid. 5.V.2001, NE, 1 ♂; ibid. 28.V.2004, NE, 2 ♀; ibid. 19.V.2006, DS, 2 ♀; ibid. 26.V.2006, SYa, 1 ♀, 1 ♂; ibid. 3.VI.2006, DS, 2 ♀; ibid. 16.V.2007, S. Luzyanin, 1 ♀; ibid., 3–7.VIII.2009, DS, 2 ♀; ibid. 19.VII.2015, E. Bibik, 2 ♀; Ursk, 28.VII.1997, NE, 1 ♀; Tisulskiy distr., Gorodok, 4.VII.1999, NE, Budnikov, 2 ♀; Prokopyevsk, 17.VI.1999, D. Efimov, 1 ♀; 4 km NW of Zhuravlevo, 29.VI.1999, N. Kornienko, 1 ♀; ibid. 26–27.VI.2000, NE, 2 ♀; ibid. 30.V.2009, DS, 1 ♀; 8.VII.2011, DS, 1 ♀; Makarakskiy, 3.VII.2007, SYa, 1 ♀; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀; 10 km SW of Gorskino, 2.VII.2009, A. Topolya, 2 ♂; ibid. 3.VII.2009, S. Babayants, 1 ♂; 10 km NE of Sheveli, 15.VII.2009, DS, 1 ♀. *Altai Rep.*: 20 km SE of Onguday, 6.VII.2007, SB, 6 ♀; 15 km SE of Kuray, 29.VI–10.VII.2016, MP, VL, 22 ♀; 16 km SE of Inya, 29.VI.2016, MP, VL, 1 ♂; 24 km NW of Aktash, 30.VI.2016, MP, VL, 4 ♀; 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 11 ♀; 5 km SE of Chagan-Uzun, 11–12.VII.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, Omsk, Tomsk, \*Novosibirsk and Kemerovo Prov., Altai Terr., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Israel, Iran, Afghanistan, Pakistan, Turkmenistan, Kazakhstan, Mongolia, China, Korea.

### ***Andrena clarkella* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 3.V.1995, OK, 1 ♀; ibid., 5–7.V.1996, OK, 3 ♀, 1 ♂; ibid., 5.V.1999, OK, 1 ♀; ibid., 2.IV.2000, OK, 1 ♀; ibid., 24.IV.2000, OK, 1 ♀; Tomsk distr., 41st km station, 3.V.1996, OK, 2 ♀, 6 ♂; ibid., 10.V.1997, OK, 1 ♀; ibid., 2.V.1999, OK, 2 ♂; Kislovka, 18.IV.1997, OK, 1 ♀; Seversk, 3.V.1999, OK, 1 ♀; 40 km SE of Tomsk, 1.V.2000, OK, 1 ♂. *Kemerovo Prov.*: Alayev, 25.V.2001, Kurbatskiy, 1 ♀; Prokopyevsk, 9.V.2006, DS, 1 ♂; 8 km E of Karakan, 2.VII.2015, D. Sushchov, 1 ♀.

*Distribution.* Russia (European part, Ural, Tomsk, Novosibirsk and \*Kemerovo Prov., Altai Terr., Krasnoyarsk Terr., Eastern Siberia, Far East). – Europe, North America.

### ***Andrena coitana* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., Kurya, 8.VII.1996, OK, 1 ♂; Tomsk, 27.VI–23.VII.1997, OK, 3 ♂; Tomsk distr., 41st km station, 9.VII.1998, OK, 1 ♂; ibid., 23–26.VII.1998, OK, 2 ♀; ibid., 4.VII.1999, OK, 1 ♂; Tomsk, Sennaya Kurya 5–14.VII.1999, OK, 2 ♀, 6 ♂; ibid., 2000, OK, 1 ♂; ibid., 20.VI.2001, OK, 1 ♀, 1 ♂. *Kemerovo Prov.*: Sredniaya Ters' River, 4.VIII.1996, M. Shcherbakov, 2 ♀; 2 km NE of Prokopyevsk, 27.VII.2003, DS, 1 ♀; Kemerovo, 16.VII.2004, NE, 1 ♂; 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 1 ♂; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀; ibid., 9.VIII.2005, DS, 1 ♀; ibid., 26.VII.2007, DS, 1 ♂; ibid., 12.VIII.2008, DS, 2 ♀; 5 km SE of Urop, 21–23.VII.2006, DS, 2 ♂; ibid., 21–22.VII.2006, SYa, 1 ♀, 1 ♂; Leninsk-Kuznetskiy, 29.VII.2006, SYa, 1 ♀; Azhendarovo biostation, 6–8.VIII.2006, DS, 3 ♀, 1 ♂; ibid., 7.VIII.2009, DS, 1 ♀; 2 km SE of Chumay, 6–10.VII.2008, Yu. Samsonova, 2 ♀; ibid., 11.VII.2008, T. Karnaukhova, 1 ♀; 15 km W of Kondoma, 23.VII.2008, DS, 1 ♀; 10 km SW of Gorskino, 9.VII.2009, D. Yurikova, 1 ♂; 4 km NW of Zhuravlevo, 8.VII.2011, DS, 1 ♂; Malaya Salairka, 13.VII.2010, S. Luzyanin, 1 ♂. *Altai Terr.*: Malakhovo, 12.VII.1984, Kester, 1 ♀. *Altai Rep.*: 80 km SSE of Ust'-Koksa, 25–28.VII.2013, MP, VL, 1 ♂.

*Distribution.* Russia (European part, Ural, Tomsk and Kemerovo Prov., Altai Terr., Eastern Siberia, Far East). – Europe, Caucasus, Turkey, Kyrgyzstan, Kazakhstan, China, Korea, Japan.

### ***Andrena colonialis* Morawitz, 1886**

*Material examined.* Russia. *Novosibirsk Prov.*: 8 km SE of Berdsk, 2–3.VIII.2010, MP, 2 ♂; Karasuk biostation, 4–12.VII.2015, K. Belova, 4 ♂. *Altai Terr.*: Barnaul, 5 km SE of Yuzhniy, 23.VII.2005, Yu. Danilov, 1 ♀; 30 km S of Kurya,

Savvushka, 31.VII, 1.VIII.2007, SB, 1 ♀, Barnaul, Yuzhniy, 3.VIII.2010, MP, 3 ♀, 1 ♂; 9.VIII.2010, A. Byvaltsev, Yu. Danilov, 4 ♀.

*Distribution.* Russia (European part, \*Novosibirsk Prov., \*Altai Terr.). – Europe, Caucasus.

### ***Andrena combinata* (Christ, 1791)**

*Material examined.* Russia. *Tomsk Prov.:* Tomsk, 27.VI.2000, OK, 1 ♂; Kireyevsk, 5.VII.2001, OK, 1 ♀. *Novosibirsk Prov.:* 40 km NE of Novosibirsk, 27–30.VI.1981, A. Teplishchev, 3 ♀. *Kemerovo Prov.:* 2 km NW of Kolmogorovo, 28.VI.1996, NE, 1 ♀; Azhendarovo biostation, 9.VII.1996, K. Zubko, 1 ♀; Shabanovo, 4.VII.1998, NE, 1 ♀; Makarakskiy, 3.VII.2007, S. Dronova, 1 ♀; *ibid.*, 3–4.VII.2007, SYa, 2 ♀; 5 km NW of Podyakovo, 30.VI.2009, A. Korshunov, 1 ♀. *Altai Rep.:* 24 km NW of Aktash, 30.VI.2016, MP, VL, 1 ♀; 14 km SE of Aktash, 1–13.VII.2016, MP, VL, 19 ♀.

*Distribution.* Russia (European part, Ural, Tomsk, \*Novosibirsk and \*Kemerovo Prov., \*Altai Rep., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Syria, Kyrgyzstan, Kazakhstan, Mongolia, China.

### ***Andrena comta* Eversmann, 1852**

*Material examined.* Russia. *Novosibirsk Prov.:* 8 km SE of Berdsk, 2–3.VIII.2010, MP, 2 ♂; Karasuk biostation, 4–12.VII.2015, K. Belova, 4 ♂. *Kemerovo Prov.:* 110 km W of Guryevsk, 12.VIII.1999, NE, 1 ♂; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀; *ibid.*, 6.VIII.2005, DS, 1 ♀; 15.VIII.2009, DS, 1 ♀; Belovo, 12.VIII.2006, Gubkova, 1 ♀; 5 km SE of Starobachaty, 24.VIII.2007, S. Luzyanin, 1 ♂; 10 km SE of Ursk, 23.VII.2008, N. Teplova, 2 ♂. *Altai Terr.:* 30 km S of Kurya, Savvushka, 31.VII–1.VIII.2007, SB, 1 ♀, 5 ♂; Barnaul, Yuzhniy, 3.VIII.2010, MP, 1 ♂; Mel'nikov, A. Byvaltsev, 19.VII.2015, 3 ♀; Solonovka, A. Byvaltsev, 21.VII.2015, 1 ♀; Yarovoeye Lake, 22.VII.2015, A. Byvaltsev, 1 ♂.

*Distribution.* Russia (Ural, \*Novosibirsk and Kemerovo Prov., \*Altai Terr., Eastern Siberia, Far East). – Europe, Kazakhstan, Mongolia, China, Japan.

### ***Andrena curvungula* Thomson, 1870**

*Material examined.* Russia. *Omsk Prov.:* Bol'shoy Atlas, 12.VI.2012, A. Proskuryakova, 1 ♀; *ibid.*, 15.VI.2012, K. Belova, 1 ♀. *Tomsk Prov.:* Tomsk, 1972–1975, E. Grishina, 1 ♀; Prosekino, 26.VI.1997, OK, 1 ♂. *Kemerovo Prov.:* Kemerovo, 31.V.2005, NE, 1 ♀; 8 km E of Karakan, 12.VI.2006, DS, 1 ♂; 2 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♂; 5 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♀; 4 km NW of Zhuravlevo, 30.VI–8.VII.2006, DS, 10 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 1 ♀, 2 ♂. *Altai Rep.:* 16 km SE of Inya, 29.VI.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Omsk, Tomsk and Kemerovo Prov., \*Altai Rep.). – Europe, Caucasus, Turkey, Kazakhstan.

### ***Andrena dentata* Smith, 1879**

*Material examined.* Russia. *Tomsk Prov.:* Tomsk, 29.VI.1996, OK, 1 ♀; *ibid.*, 2.VII.1998, OK, 1 ♂; Tomsk distr., 41st km station, 23.VI.2007, OK, 1 ♀. *Kemerovo Prov.:* Azhendarovo biostation, 7.VII.1996, K. Zubko, 1 ♀; 17 km S of Kemerovo, 16.VI.2000, NE, 1 ♀; Podyakovo, 11.VI.2001, NE, 1 ♀; Kemerovo, 21.VII.2002, NE, 1 ♀; *ibid.*, 16.V.2007, S. Luzyanin, 1 ♀; Promyshlennaya, 12.VII.2007, M. Samoshchenko, 1 ♀; 4 km S of Taradanovo, 2.VI.2008, DS, 2 ♀; 8 km E of Karakan, 3.VI.2008, DS, 1 ♀.

*Distribution.* Russia (\*Tomsk and Kemerovo Prov., Far East). – China, Korea, Japan.

### ***Andrena denticulata* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.:* 20 km S of Asino, 2001, L. Grishaev, 4 ♀; Chernyshovka, 21.VII.1997, OK, 1 ♂; Kireyevsk, VII.1989, 1 ♂; *ibid.*, 7.VIII.1999, OK, 1 ♂; 40 km SE of Tomsk, 21.VII.2000, OK, 1 ♀; Tomsk, 5.VI.2001, OK, 1 ♂; *ibid.*, 9.VII.2001, OK, 1 ♂. *Kemerovo Prov.:* Ursk, 28.VII.1997, NE, 1 ♀; Salair, 23.VII.1999, N. Kornienko, 1 ♀; Sary-Chumysh, 10.VII.2002, NE, 1 ♂; 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 1 ♀; Leninsk-Kuznetskiy, 29.VII.2006, SYa, 1 ♀; 15 km W of Kondoma, 22.VII.2008, DS, 4 ♀, 1 ♂; Azhendarovo biostation, 23–24.VII.2009, A. Korshunov, 2 ♀.

*Distribution.* Russia (European part, Ural, Tomsk and Kemerovo Prov., Eastern Siberia, Far East). – Europe, Caucasus, Kazakhstan, Mongolia, China, Korea, Japan.

### ***Andrena ehnbegi* Morawitz, 1888**

*Material examined.* Russia. *Omsk Prov.:* Tatarka, 17.VI.2012, K. Belova, 1 ♂; *ibid.*, A. Byvaltsev, 1 ♂. *Kemerovo Prov.:* Krasnoe, 13.VII.2004, DS, 1 ♀; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀; 4 km NW of Zhuravlevo, 8.VII.2006, DS, 1 ♀; *ibid.*, 8.VII.2011, DS, 3 ♀; 5 km SE of Urop, 22–23.VII.2006, DS, 3 ♀; Krasnobrodskiy, 6.VIII.2007, S. Luzyanin, 1 ♀; 10 km SE of Ursk, 23.VII.2008, N. Teplova, 3 ♀; 5 km NE of Prokopyevsk, 15.VIII.2008, DS, 1 ♂; *ibid.*, 15.VIII.2009,

DS, 2 ♀; Malaya Salairka, 13.VII.2010, S. Luzyanin, 3 ♀. *Altai Terr.*: Barnaul, Yuzhniy, 3.VIII.2010, MP, 1 ♀. *Altai Rep.*: N 50° 30' E 86° 34' Katun' River, 14.VIII.2014, DS, 4 ♀; Kayancha, 15.VIII.2014, DS, 6 ♀; 5 km SE of Chagan-Uzun, 11–12.VII.2016, MP, VL, 1 ♀; 17 km W of Aktash, Boki River, 13.VII.2016, MP, VL, 3 ♀, 1 ♂.

*Distribution.* Russia (Ural, \*Omsk and \*Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Mongolia, China.

### ***Andrena enslinella* Stoekherth, 1924**

*Material examined.* Russia. *Kemerovo Prov.*: Bekovo, 26.V.2001, NE, 1 ♂; 2 km E of Abyshevo, 4.VI.2015, DS, 1 ♂.

*Distribution.* Russia (European part, Ural, \*Kemerovo Prov.). – Europe, Caucasus, Turkey, Iran.

### ***Andrena falsifica* Perkins, 1915**

*Material examined.* Russia. *Kemerovo Prov.*: 5 km NW of Kemerovo, 2.VI.1999, E. Zinchuk, 1 ♀; Prokopyevsk, 17.VI.1999, D. Efimov, 1 ♀; Bekovo, 26.V.2001, NE, 5 ♀; *ibid.*, 20.V.2005, NE, 2 ♀; Kemerovo, 26.V.2006, DS, 2 ♀; 5 km NE of Prokopyevsk, 11.V.2008, DS, 1 ♀, 1 ♂; 10 km NW of Kemerovo, 14–16.V.2008, DS, 4 ♀; 15 km NW of Kemerovo, 22.V.2008, DS, 3 ♀, 1 ♂; 7 km NE of Karakan, 2.VI.2008, DS, 1 ♀; 4 km S of Taradanovo, 2.VI.2008, DS, 1 ♀; 8 km E of Karakan, 3.VI.2008, DS, 5 ♀; 15 km SE of Karakan, 4.VI.2008, DS, 5 ♀; 4 km NW of Zhuravlevo, 29–30.V.2009, DS, 15 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 9 ♀.

*Distribution.* Russia (European part, Ural, \*Kemerovo Prov., Eastern Siberia). – Europe, Caucasus.

### ***Andrena florivaga* Eversmann, 1852**

*Material examined.* Russia. *Novosibirsk Prov.*: Chany biostation, 26.VI.1985, A. Kharitonov, 1 ♀. *Kemerovo Prov.*: 8 km E of Karakan, 3.VI.2008, DS, 2 ♀; 5 km NE of Prokopyevsk, 9.V.2009, DS, 5 ♂.

*Distribution.* Russia (European part, Ural, \*Novosibirsk and \*Kemerovo Prov.). – Europe, Turkey, Iran, Kazakhstan.

### ***Andrena flavipes* Panzer, 1799**

*Material examined.* Russia. *Altai Rep.*: 80 km SSE of Ust'-Koksa, 25–28.VII.2013, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Altai). – Europe, North Africa, Caucasus, Turkey, Israel, Syria, Jordan, Iraq, Iran, Afghanistan, Central Asia, Kazakhstan, China, Nepal, India, Northern America.

### ***Andrena fucata* Smith, 1847**

*Material examined.* Russia. *Tomsk Prov.*: Kireyevsk, 7.VII.1983, P. Fedorov, 1 ♀; *ibid.*, 1.VII.1992, Chadova, 1 ♀; *ibid.*, 23.VII.1995, OK, 1 ♀; Prosekino, 16.VI.1996, OK, 1 ♀; Tomsk, 16.VI.1997, OK, 1 ♂; *ibid.*, 25.VI.1997, Kirilenko, 1 ♀; *ibid.*, 11.VII.1999, OK, 1 ♀; *ibid.*, 27.VI.2000, OK, 1 ♀; *ibid.*, 19.VI.2001, L. Grishaev, 1 ♀; OK, 1 ♂; Tomsk distr., 41st km station, 13.VI.1998, OK, 1 ♀; *ibid.*, 5.VI.1999, OK, 1 ♂; Kolarovo, 20.VI.2000, L. Grishaev, 1 ♀; Timiryazev, 26.VI.2000, OK, 1 ♀; Berlinka, 6–24.VI.2001, D. Kurbatskiy, 2 ♀. *Kemerovo Prov.*: Podyakovo, 30.VI.1993, Volkov, Khozyainov, 1 ♀; *ibid.*, 5.VII.2007, S. Shueva, 1 ♀; *ibid.*, 1.VII.2010, N. Teplova, 1 ♀; Kemerovo, 10.VII.1995, NE, 1 ♀; *ibid.*, 15.VII.1995, NE, 1 ♀; *ibid.*, 5–28.V.2004, NE, 2 ♀; *ibid.*, 14.VII.2004, DS, 1 ♀; *ibid.*, 31.V.2005, DS, 1 ♀; *ibid.*, 21.VI.2007, SYa, 1 ♀; *ibid.*, 17.VII.2017, D. Starchikova, 1 ♀; 8 km SE of Kemerovo, 18.V.1998, NE, 1 ♀; Prokopyevsk, 17–18.VI.1999, D. Efimov, 3 ♂; 17 km S of Kemerovo, 11–16.VI.2000, NE, 1 ♀, 1 ♂; Sary-Chumysh, 4.VII.2002, NE, 1 ♀; 8 km E of Karakan, 12.VI.2006, SYa, 7 ♀, 4 ♂; Salair, 22.VI.2006, Mogilevtseva, 1 ♀; 4 km NW of Zhuravlevo, 29.VI–8.VII.2006, DS, 4 ♀; Makarakskiy, 1–7.VII.2007, SYa, 6 ♀; *ibid.*, 3.VII.2007, S. Luzyanin, 1 ♀; *ibid.*, 7.VII.2007, V. Tetenova, 1 ♀; 7 km SW of Guryevsk, 10.VII.2007, N. Toropova, 1 ♀; Cheryomushki, 26.VIII.2007, P. Pichugina, 1 ♂; 2 km SE of Chumay, 29.VI.2008, O. Barinova, 1 ♀; 5 km NE of Novokuznetsk, 7.VI.2008, DS, 1 ♂; 10 km N of Polutornik, 1–11.VII.2009, DS, 16 ♀; *ibid.*, 6.VII.2009, M. Masalkina, 1 ♀; Azhendarovo biostation, 1–20.VII.2010, A. Korshunov, 1 ♂; 17 km S of Kemerovo, 16.VII.2010, I. Moor–1 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 1 ♀. *Altai Rep.*: Ust'-Koksa, 18.VII.2013, MP, VL, 1 ♀; Katunskiy ridge, Taymenye Lake, 23.VII.2013, MP, VL, 2 ♀; 14 km SE of Aktash, 2–4.VII.2016, MP, VL, 1 ♀; 15 km SE of Kuray, 5–6.VII.2016, MP, VL, 4 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Turkey, Kazakhstan.

### ***Andrena fulvago* (Christ, 1791)**

*Material examined.* Russia. *Kemerovo Prov.*: Prokopyevsk, 17.VI.1999, D. Efimov, 1 ♀; Bekovo, 20.V.2005, NE, 1 ♀. *Altai Rep.*: 15 km SE of Kuray, 5–6.VII.2016, MP, VL, 2 ♀.

*Distribution.* Russia (European part, Ural, \*Kemerovo Prov., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Turkey.

### ***Andrena fulvida* Schenck, 1853**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., 41st km station, 23.VI.1998, OK, 1 ♀. *Kemerovo Prov.*: Tisulskiy distr., Gorodok, 26.VI.1999, D. Sushchov, 1 ♀; Sary-Chumysh, 10.VII.2002, NE, 1 ♀; 8 km E of Karakan, 12.VI.2006, SYa, 1 ♀; 4 km NW of Zhuravlevo, 2.VII.2006, SYa, 1 ♀; Makaraskiy, 30.VI.2007, DS, 1 ♀; *ibid.*, 3–9.VII.2007, SYa, 5 ♀; 10 km S of Kostenkovo, 8.VI.2008, DS, 1 ♀; 3 km W of Ust'-Kabyrza, 6.VII.2008, DS, 1 ♀; 10 km N of Polutornik, 4–8.VII.2009, DS, 4 ♀; Makaraskiy, 9.VII.2010, E. Yamshchikov, 1 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 2 ♀. *Altai Rep.*: 80 km SSE of Ust'-Koksa, 25–28.VII.2013, MP, VL, 1 ♀; 24 km NW of Aktash, 30.VI.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, \*Tomsk and Kemerovo Prov., \*Altai Rep., Eastern Siberia, Far East). – Europe.

### ***Andrena gallica* Schmiedeknecht, 1883**

*Material examined.* Russia. *Omsk Prov.*: Bol'shoy Atmos, 31.VII.2015, A. Byvaltsev, 2 ♀, 2 ♂. *Kemerovo Prov.*: Belovo, 23.VIII.2007, DS, 1 ♀; 10 km NW of Kemerovo, 14.V.2008, DS, 1 ♀; *ibid.*, 15.V.2010, DS, 2 ♀, 1 ♂; *ibid.*, 30.IV.2011, DS, 2 ♀, 1 ♂; *ibid.*, 28.IV.2013, A. Korshunov, 1 ♂; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀; 6 km N of Kalachevo, 31.VII.2008, DS, 1 ♀; 5 km NE of Prokopyevsk, 9.V.2009, DS, 1 ♂; *ibid.*, 15.VIII.2009, DS, 6 ♀. *Altai Terr.*: 30 km S of Kurya, Savvushka, 31.VII, 1.VIII.2007, SB, 1 ♂; Barnaul, Yuzhniy, 3.VIII.2010, MP, 1 ♂; *ibid.*, 9.VIII.2010, A. Byvaltsev, Yu. Danilov, 1 ♂; Borovskoye, 22.VII.2011, A. Byvaltsev, Yu. Danilov, 1 ♂; Kolyvanskoe Lake, 25.VII.2011, A. Byvaltsev, Yu. Danilov, 1 ♂; Pospelikha, 16.VII.2015, A. Byvaltsev, 5 ♀, 1 ♂; Mel'nikovo, 19.VII.2015, A. Byvaltsev, 2 ♀, 2 ♂; Solonovka, 21.VII.2015, A. Byvaltsev, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Omsk and Kemerovo Prov., \*Altai Terr., Eastern Siberia). – Europe, Caucasus, Turkey, Kazakhstan.

### ***Andrena gelriae* van der Vecht, 1927**

*Material examined.* Russia. *Omsk Prov.*: Krasny Oktyabr', 25.VI.2011, N. Kholodina, 1 ♂; Tatarka, 13.VI.2012, K. Belova, 1 ♂. *Tomsk Prov.*: Tomsk, 26.VI.1998, OK, 1 ♂; *ibid.*, 14.VII.1998, OK, 1 ♂; *ibid.*, 19.VI.2001, OK, 1 ♂; Tomsk, Kurya, 21.VI.1999, OK, 1 ♂; Kireyevsk, 3.VII.1999, OK, 1 ♂; Berlinka, 6.VI.2001, D. Kurbatskiy, 1 ♂; Tomsk, Sennaya Kurya 20.VI.2001, OK, 1 ♂. *Kemerovo Prov.*: Shabanovo, 29.VI–13.VII.1995, NE, 3 ♂; *ibid.*, 29.VI–3.VII.1998, NE, 8 ♂; Kemerovo, 1.VII.1997, NE, 1 ♂; *ibid.*, 18.VI.1998, N. Kornienko, 2 ♂; *ibid.*, 1.VII.1999, Grebenkina, 1 ♂; *ibid.*, 1.VII.1999, Pirogova, 1 ♂; *ibid.*, 8.VI.2008, DS, 1 ♂; 4 km NW of Zhuravlevo, 23–24.VI.2000, NE, 3 ♂; 2 km NE of Prokopyevsk, 23.VI.2006, DS, 4 ♂; 5 km NE of Prokopyevsk, 23.VI.2006, DS, 3 ♂; 17 km S of Kemerovo, 12.VII.2009, D. Astafyeva, 1 ♂. *Altai Rep.*: Ust'-Koksa, 18.VII.2013, MP, VL, 3 ♂.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk and \*Kemerovo Prov., \*Altai Rep., Eastern Siberia, Far East). – Europe, Caucasus, Turkey.

### ***Andrena haemorrhoa* (Fabricius, 1781)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 20.VI.1994, Fedorovich, 1 ♀; *ibid.*, 15.VI.1995, OK, 1 ♀; *ibid.*, 8–25.V.1996, OK, 2 ♀; *ibid.*, 24.VI.1996, OK, 1 ♀; *ibid.*, 11.IV–1.V.1997, OK, 3 ♂; *ibid.*, 1–27.V.1997, OK, 4 ♀; *ibid.*, 25.VI.1997, Fedorova, Naletina, Samokhvalova, 1 ♀; *ibid.*, 29.VI.1997, OK, 1 ♂; *ibid.*, 8–28.V.1998, OK, 1 ♀, 1 ♂; *ibid.*, 17–28.V.1999, OK, 2 ♀; *ibid.*, 23.V.1999, Yanyushkin, 1 ♀; *ibid.*, 29.V–27.VI.2000, OK, 6 ♀, 1 ♂; *ibid.*, 18.VI.2001, L. Grishaev, 1 ♀; Kislovka, 4.VII.1995, OK, 1 ♀; Tomsk distr., 41st km station, 10.V.1998, OK, 1 ♂; Tomsk, Tom' River, 3.V.1999, OK, 1 ♂; Kolarovo, 20.VI.2000, L. Grishaev, 1 ♀. *Novosibirsk Prov.*: Maly Chan Lake, 14.V.1982, A. Barkalov, 1 ♂. *Kemerovo Prov.*: Kemerovo, 17.V.1998, NE, 4 ♂; *ibid.*, 5.V.2001, NE, 2 ♀, 2 ♂; *ibid.*, 5.V.2004, DS, 1 ♀, 5 ♂; *ibid.*, NE, 10 ♂; *ibid.*, 24.IV.2005, DS, 1 ♂; *ibid.*, 7.VI.2006, SYa, 1 ♂; *ibid.*, 22.IV–8.V.2007, DS, 2 ♂; *ibid.*, 16.V.2007, S. Luzyanin, 1 ♀; *ibid.*, 29.V.2007, NE, 1 ♀; *ibid.*, 21.VI.2007, SYa, 1 ♀; *ibid.*, 24.IV.2009, V. Polevod, 1 ♂; *ibid.*, 13.V.2011, S. Luzyanin, 1 ♀; Bekovo, 26.V.2001, NE, 1 ♀; Makaraskiy, 3.VII.2007, N. Auns, 1 ♀; 9 km W of Taradanovo, 1.VI.2008, DS, 1 ♀; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀; 4 km NW of Zhuravlevo, 30.V.2009, DS, 1 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 1 ♀; 8 km E of Yurga, 6.V.2016, DS, 1 ♂.

*Distribution.* Russia (European part, Ural, Tomsk, \*Novosibirsk and Kemerovo Prov., Altai Terr., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Syria, Iran, Turkmenistan, Kazakhstan, Mongolia, China, Korea, Japan.

### ***Andrena helvola* (Linnaeus, 1758)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 29.V.1995, OK, 1 ♀; *ibid.*, 22.VI.1996, OK, 1 ♀; *ibid.*, 11–19.VI.1997, OK, 3 ♀; *ibid.*, 27.V–26.VI.1998, OK, 4 ♀; *ibid.*, 17.V.1999, OK, 1 ♂; *ibid.*, 16.V–8.VI.2000, OK, 3 ♀, 3 ♂; Anikino, 16–25.VI.1995, OK, 3 ♀; 5 km S of Tomsk, 9.VI.2001, OK, 1 ♂. *Novosibirsk Prov.*: Novosibirsk, 10–13.V.2011, A. Korshunov, 1 ♀. *Kemerovo Prov.*: 8 km SE of Kemerovo, 18.V.1998, NE, 3 ♂; 17 km S of Kemerovo, 16.VI.2000, NE, 2 ♀; Kemerovo, 5.V–3.VI.2004, NE, 2 ♀; *ibid.*, 31.V.2005, DS, 1 ♀; *ibid.*, 21.VI.2007, SYa, 1 ♀; 8 km E of Karakan, 12.VI.2006,

SYa, 1 ♀; 7 km NE of Karakan, 2.VI.2008, DS, 3 ♀; 4 km S of Taradanovo, 2.VI.2008, DS, 5 ♀; 15 km SE of Karakan, 3–4.VI.2008, DS, 9 ♀; 8 km E of Yurga, 6.V.2016, DS, 1 ♂.

*Distribution.* Russia (European part, Ural, \*Tomsk, \*Novosibirsk and Kemerovo Prov.). – Europe, Caucasus, Turkey, Kazakhstan, China.

### ***Andrena humilis* Imhoff, 1832**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., 41st km station, 17.VII.1996, OK, 1 ♀; *ibid.*, 19.VII.1998, OK, 2 ♀; 40 km SE of Tomsk, 17.VI.2001, OK, 1 ♀. *Kemerovo Prov.*: Prokopyevsk, 17–18.VI.1999, D. Efimov, 2 ♂; Tisulskiy distr., Gorodok, 4.VII.1999, NE, 1 ♀; Makarakskiy, 30.VI.2007, DS, 1 ♀; *ibid.*, 3.VII.2007, S. Luzyanin, 1 ♀; *ibid.*, 30.VI.2010, Yu. Kraus, 1 ♂; *ibid.*, 1.VII.2010, E. Yamshchikov, 1 ♂; 10 km N of Polutornik, 1–3.VII.2009, DS, 6 ♀. *Altai Rep.*: Gorno-Altaysk, Kyzyl–Ozek, 1.VII.1977, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Rep., Far East). – Europe, North Africa, Caucasus, Turkey, Iran, Kyrgyzstan, Kazakhstan.

### ***Andrena hypopolia* Schmiedeknecht, 1884**

*Material examined.* Russia. *Novosibirsk Prov.*: Karasuk, 1–9.VI.1982, A. Barkalov, 6 ♀; 9.VI.1982, A. Barkalov, Sipko, 4 ♀; Sipko, 2 ♀.

*Distribution.* Russia (European part, \*Novosibirsk Prov.). – Europe.

### ***Andrena kerriae* Hirashima, 1965**

*Material examined.* Russia. *Kemerovo Prov.*: 8 km E of Karakan, 3.VI.2008, SYa, 2 ♀, 3 ♂; 10 km NW of Kemerovo, 23.V.2010, DS, 1 ♀; Makarakskiy, 5.VII.2010, E. Yamshchikov, 1 ♀.

*Distribution.* Russia (Kemerovo Prov., Eastern Siberia, Far East). – China, Korea, Japan.

### ***Andrena labialis* (Kirby, 1802)**

*Material examined.* Russia. *Omsk Prov.*: Tatarka, 30.VI.2011, A. Byvaltsev, 1 ♂; *ibid.*, 13.VI.2012, K. Belova, 1 ♀, 1 ♂; *ibid.*, 17.VI.2012, A. Proskuryakova, 1 ♀; Bol'shoy Atmas, 14.VI.2012, A. Proskuryakova, 1 ♀; *ibid.*, 15.VI.2012, K. Belova, 1 ♀. *Tomsk Prov.*: Kireyevsk, VII.1989, 2 ♂; *ibid.*, 8.VIII.1995, OK, 4 ♀; *ibid.*, 1.VIII.1996, OK, 4 ♀; *ibid.*, 4.VII.1999, OK, 1 ♂; *ibid.*, 2–12.VII.2001, OK, 2 ♀, 1 ♂; *ibid.*, 10.VII.2001, Bagirov, 1 ♂; Tomsk distr., 41st km station, 20.VII.1996, OK, 1 ♀; *ibid.*, 19.VII.1998, OK, 1 ♀; *ibid.*, 11.VII.1999, OK, 1 ♂; Tomsk, 27.VI.1997, OK, 1 ♀; *ibid.*, 28.V.1998, OK, 1 ♀; *ibid.*, 20.VI.2000, Lukyanova, 1 ♂; 13–22.VI.2001, OK, 1 ♀, 4 ♂; 40 km SE of Tomsk, 25.VI.2000, OK, 1 ♀; Tomsk, Sennaya Kurya, 20.VI.2001, OK, 1 ♀. *Novosibirsk Prov.*: Burmistrovo, 27.VI.2007, Students, 1 ♀; Karasuk biostation, 30.VI–11.VII.2015, K. Belova, 4 ♀, 1 ♂; Suzun, A. Bevaltsev, 14–15.VII.2015, 4 ♀. *Kemerovo Prov.*: Podyakovo, 15.VI.1993, Berlyubskaya, 1 ♂; *ibid.*, 6.VII.1993, NE, 1 ♀; *ibid.*, 27.VI.1994, NE, 1 ♂; *ibid.*, 12.VII.1998, NE, 1 ♂; *ibid.*, 7.VII.2003, NE, 2 ♀; *ibid.*, 1.VII.2007, E. Lityayeva, 1 ♂; 5 km S of Leninsk-Kuznetskiy, 6.VII.1995, N. Teplova, 1 ♀; Shabanovo, 9.VII.1995, NE, 1 ♂; *ibid.*, 1.VII.1998, G. Stepanyuk, 1 ♀; *ibid.*, 14.VII.2004, DS, 1 ♀; 4 km NW of Zhuravlevo, 13.VI.1999, NE, 1 ♂; *ibid.*, 13.VI.1999, N. Kornienko, 1 ♂; *ibid.*, 24.VI.2000, NE, 1 ♀; *ibid.*, 2.VII.2006, SYa, 2 ♂; *ibid.*, 3.VII.2006, DS, 1 ♀; *ibid.*, 31.VII.2009, D. Efimov, 1 ♀; Azhendarovo biostation, 1.VII.2001, N. Teplova, 1 ♂; *ibid.*, 20.VII.2008, A. Korshunov, 1 ♂; *ibid.*, 23–24.VII.2009, A. Korshunov, 1 ♀; *ibid.*, 2–8.VIII.2009, DS, 8 ♀; Sary–Chumysh, 10.VII.2002, NE, 2 ♂; Kemerovo, 17.VI.2004, NE, 1 ♂; Krasnoe, 13.VII.2004, DS, 1 ♀; 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 1 ♀; 2 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♂; 5 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♀; Malaya Salairka, 15.VI.2007, S. Luzyanin, 1 ♂; *ibid.*, 13.VII.2010, S. Luzyanin, 1 ♀; Promyshlennaya, 27.VII.2007, M. Samoshchenko, 1 ♀; 15 km W of Kondoma, 22.VII.2008, DS, 4 ♀; 10 km SW of Gorskino, 29.VI–2.VII.2009, A. Topolya, 2 ♂; *ibid.*, 7.VII.2009, N. Vasyukova, 2 ♂; *ibid.*, 8.VII.2009, A. Kapustina, 2 ♂; *ibid.*, 9.VII.2009, I. Korotkova, 1 ♂; 5 km NW of Podyakovo, 30.VI.2009, A. Korshunov, 1 ♂; 20 km S Kemerovo, 6.VII.2009, D. Astafyeva, 1 ♀; 10 km N of Polutornik, 8.VII.2009, DS, 1 ♀; 7 km N of Krapivinskiy, Tom' River, 14.VII.2009, DS, 2 ♀, 23 ♂; 10 km NE of Sheveli, 15.VII.2009, DS, 1 ♂; 17 km S of Kemerovo, 10.VII.2010, D. Efimov, 1 ♂. *Altai Terr.*: Barnaul, Yuzhniy, 3.VIII.2010, MP, 3 ♀; Solonovka, 21.VII.2015, A. Byvaltsev, 1 ♀. *Altai Rep.*: 24 km NW of Aktash, 30.VI.2016, MP, VL, 3 ♂; 14 km SE of Aktash, 2–13.VII.2016, MP, VL, 8 ♀, 4 ♂.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk, \*Novosibirsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia). – Europe, North Africa, Caucasus, Turkey, Syria, Iran, Afghanistan, Kyrgyzstan, Uzbekistan, Tajikistan, Kazakhstan.

### ***Andrena labiata* Fabricius, 1781**

*Material examined.* Russia. *Tomsk Prov.*: Kireyevsk, 8.VIII.1995, OK, 1 ♂; Prosekino, 6.VI.1996, OK, 1 ♀; Tomsk, 25.V.1996, OK, 1 ♂; *ibid.*, 16.V.1997, OK, 2 ♂; *ibid.*, 2.VI.1998, OK, 1 ♀; *ibid.*, 21.V.1999, OK, 1 ♀; *ibid.*, 30.V–6.VI.2000,



OK, 2 ♀. *Kemerovo Prov.*: Bekovo, 26.V.2001, NE, 1 ♀, 2 ♂; Kemerovo, 10.VI.2006, DS, 1 ♂; *ibid.*, SYa, 1 ♂; 4 km NW of Zhuravlevo, 1.VII.2006, DS, 1 ♀; *ibid.*, 29–30.V.2009, DS, 8 ♀, 8 ♂; Makarakskiy, 1.VII.2007, SYa, 1 ♂; 8 km E of Karakan, 3.VI.2008, DS, 2 ♀; 15 km SE of Karakan, 4.VI.2008, DS, 1 ♂; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀, 1 ♂; 10 km N of Polutornik, 2.VII.2009, DS, 1 ♂; 10 km SW of Gorskino, 8.VII.2009, N. Vasyukova, 1 ♂; *ibid.*, 9.VII.2009, I. Korotkova, 1 ♀; 2 km E of Abyshevo, 4.VI.2015, DS, 5 ♂. *Altai Rep.*: 10–13 km NW of Turochak, 6.VI.1999, A. Kireychuk, 1 ♀; 20 km SE of Onguday, 6.VII.2007, SB, 1 ♀; 14 km SE of Aktash, 2–4.VII.2016, MP, VL, 2 ♀, 2 ♂; 15 km SE of Kuray, 5–10.VII.2016, MP, VL, 1 ♀, 1 ♂.

*Distribution.* Russia (European part, Ural, \*Tomsk and \*Kemerovo Prov., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Turkey, Iran, Kyrgyzstan, Kazakhstan.

### ***Andrena lapponica* Zetterstedt, 1838**

*Material examined.* Russia. *Tomsk Prov.*: Kislovka, 11.VI.1996, OK, 1 ♀.

*Distribution.* Russia (European part, Ural, Tyumen and \*Tomsk Prov., Eastern Siberia, Far East). – Europe, Caucasus, Kyrgyzstan, Kazakhstan, Japan.

### ***Andrena lathyri* Alfken, 1899**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 16.VII.1935, E. Prizhitulskaya, 1 ♀. *Novosibirsk Prov.*: Novosibirsk, 21.VI.2007, Students, 1 ♀. *Kemerovo Prov.*: 8 km E of Karakan, 12.VI.2006, SYa, 3 ♀; 3.VI.2008, *ibid.*, DS, 1 ♀.

*Distribution.* Russia (European part, \*Tomsk, \*Novosibirsk and \*Kemerovo Prov., Eastern Siberia, Far East). – Europe, Caucasus, Turkey.

### ***Andrena marginata* Fabricius, 1776**

*Material examined.* Russia. *Kemerovo Prov.*: 5 km SE of Starobachaty, 24.VIII.2007, DS, 1 ♀; 5 km NE of Prokopyevsk, 24.VIII.2008, DS, 1 ♀.

*Distribution.* Russia (European part, Ural, Tyumen and \*Kemerovo Prov., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Kazakhstan, Turkmenistan.

### ***Andrena maukensis* Matsumura, 1911**

*Material examined.* Russia. *Kemerovo Prov.*: 4 km NW of Zhuravlevo, 2.VII.2006, SYa, 1 ♀; Makarakskiy, 3–9.VII.2007, SYa, 2 ♀; 7 km NE of Karakan, 2.VI.2008, DS, 1 ♂.

*Distribution.* Russia (Kemerovo Prov., Eastern Siberia, Far East). – Japan.

### ***Andrena minutuloides* Perkins, 1914**

*Material examined.* Russia. *Tomsk Prov.*: Anikino-Kolarovo, 22.VI.1996, OK, 1 ♀; Tomsk, 20.VI.1997, OK, 2 ♀; *ibid.*, 2.VII.1998, OK, 1 ♀; *ibid.*, 7.VI.1999, OK, 1 ♀; *ibid.*, 20–22.VI.2000, OK, 2 ♀; *ibid.*, 19.VI.2001, OK, 1 ♀; *ibid.*, 26.VI.2001, L. Grishaev, 1 ♀; Predtechensk, 7.VII.1997, OK, 1 ♀; Porosino, 15.VII.1998, Cherkasov, 1 ♀; Tomsk distr., 41st km station, 26.VI.1999, OK, 1 ♀, 1 ♂. *Kemerovo Prov.*: 5 km S of Leninsk-Kuznetskiy, 6.VII.1995, N. Teplova, 1 ♀; Shabanovo, 26.VI.1998, Yerofeeva, 1 ♂; *ibid.*, 3.VII.1998, NE, 2 ♀; *ibid.*, 3.VII.1998, N. Kornienko, 1 ♀; Kemerovo, 1.VII.1999, Tankova, 1 ♀; *ibid.*, 11.VI–1.VIII.2004, NE, 3 ♂; *ibid.*, 16.VII.2004, NE, 1 ♀; *ibid.*, 19–26.V.2006, DS, 6 ♀, 1 ♂; *ibid.*, 26.V–7.VI.2006, SYa, 2 ♀; *ibid.*, 21.VI.2007, SYa, 6 ♀; 2 km NE of Sheveli, 27.VI.2000, V. Polevod, 1 ♂; Sary-Chumysh, 10.VII.2002, NE, 1 ♀; 5 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♂; *ibid.*, 11.V.2008, DS, 5 ♂; 4 km NW of Zhuravlevo, 28.VI–2.VII.2006, SYa, 6 ♀, 1 ♂; 5 km SE of Urop, 22.VII.2006, SYa, 1 ♀; Makarakskiy, 1–10.VII.2007, SYa, 4 ♀; *ibid.*, 5.VII.2007, V. Tetenova, 1 ♂; Belovo, 23.VIII.2007, DS, 1 ♀; 10 km NW of Kemerovo, 14–16.V.2008, DS, 7 ♀, 4 ♂; *ibid.*, 23.V.2010, DS, 3 ♀, 1 ♂; *ibid.*, 30.IV.2011, DS, 2 ♂; 15 km NW of Kemerovo, 22.V.2008, DS, 5 ♀; 9 km W of Taradanovo, 1.VI.2008, DS, 1 ♀; 7 km NE of Karakan, 2.VI.2008, DS, 1 ♂; 4 km S of Taradanovo, 2.VI.2008, DS, 1 ♀; 5 km NE of Novokuznetsk, 7.VI.2008, DS, 1 ♀; Azhendarovo biostation, 20.VII.2008, A. Korshunov, 1 ♀; *ibid.*, 8.VIII.2009, DS, 1 ♀; 15 km W of Kondoma, 23.VII.2008, DS, 7 ♀; 10 km SW of Gorskino, 28.VI.2009, I. Korotkova, 1 ♂; *ibid.*, 2–8.VII.2009, N. Vasyukova, 3 ♀; 6 km SW of Mundybash, 14.VI.2011, DS, 5 ♂; 15 km SE of Karakan, 16.V.2015, D. Efimov, 1 ♂; 2 km E of Abyshevo, 4.VI.2015, DS, 5 ♀; 8 km E of Yurga, 6.V.2016, DS, 1 ♀. *Altai Terr.*: 30 km S of Kurya, Savvushka, 31.VII, 1.VIII.2007, SB, 2 ♀, 6 ♂. *Altai Rep.*: Ust'-Koksa, 18.VII.2013, MP, VL, 1 ♀; Shebalino, 27.VI.2016, MP, VL, 1 ♀; 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 2 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep.). – Europe, Caucasus, Turkey, Iran.

### ***Andrena nanaeformis* Noskiewicz, 1925**

*Material examined.* Russia. *Kemerovo Prov.*: Kemerovo, 7.V.2001, NE, 1 ♀; *ibid.*, 26.V.2006, DS, 3 ♀; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀; *ibid.*, 11.V.2008, DS, 8 ♀; *ibid.*, 15.VIII.2008, DS, 1 ♀; *ibid.*, 9.V.2009, DS, 12 ♀; *ibid.*,

15.VIII.2009, DS, 1 ♀; 5 km SE of Urop, 23.VII.2006, DS, 1 ♀, 1 ♂; Azhendarovo biostation, 12.VIII.2006, SYa, 1 ♀; *ibid.*, 21–23.V.2011, A. Korshunov, A. Kostyunin, 1 ♀; 4 km NW of Zhuravlevo, 10.V.2008, NE, 1 ♀; *ibid.*, 30.V.2009, DS, 2 ♀, 3 ♂; 10 km NW of Kemerovo, 14–16.V.2008, DS, 8 ♀, 6 ♂; *ibid.*, 30.IV.2011, DS, 1 ♀; 15 km NW of Kemerovo, 22.V.2008, DS, 2 ♀; 15 km W of Kondoma, 22.VII.2008, DS, 1 ♂; 2 km E of Abyshevo, 4.VI.2015, DS, 1 ♀. *Altai Rep.*: 20 km SE of Onguday, 6.VII.2007, SB, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Kemerovo Prov., Altai Terr., Altai Rep., Eastern Siberia). – Europe, Caucasus, Kazakhstan.

### ***Andrena nanula* Nylander, 1848**

*Material examined.* Russia. *Kemerovo Prov.*: 17 km S of Kemerovo, 23.VII.2000, NE, 1 ♀; Leninsk-Kuznetskiy, 13.VII.2006, SYa, 1 ♂; 5 km SE of Urop, 21.VII.2006, SYa, 2 ♀; Azhendarovo biostation, 6.VIII.2006, SYa, 1 ♀, 1 ♂; *ibid.*, 2–8.VIII.2009, DS, 24 ♀, 2 ♂; Belovo, 23.VIII.2007, DS, 2 ♀. *Altai Terr.*: Biysk, 6.VII.2007, SB, 1 ♀. *Altai Rep.*: Ust'-Koksa, 18.VII.2013, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Europe, Caucasus.

### ***Andrena nippon* Tadauchi et Hirashima, 1983**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 1.V.1997, OK, 1 ♀; *ibid.*, 9–28.V.1998, OK, 1 ♀, 1 ♂; Tomsk, Tom' River, 3.V.1999, OK, 1 ♂; Anikino, 18.V.1999, OK, 1 ♀. *Kemerovo Prov.*: Kemerovo, 15.V.1999, NE, 1 ♀; *ibid.*, 19–26.V.2006, DS, 3 ♀; *ibid.*, 8.V.2008, DS, 1 ♂; 10 km NW of Kemerovo, 14–16.V.2008, DS, 4 ♀; *ibid.*, 15.V.2010, DS, 1 ♀; *ibid.*, 23.V.2010, DS, 4 ♀; *ibid.*, 30.IV.2011, DS, 1 ♀; *ibid.*, 28.IV.2013, A. Korshunov, 1 ♀; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀; 5 km NE of Prokopyevsk, 9.V.2009, DS, 8 ♀; 20 km SE of Kemerovo, 17.VII.2009, DS, 6 ♂.

*Distribution.* Russia (\*Tomsk and Kemerovo Prov., Eastern Siberia, Far East). – China, Korea, Japan.

### ***Andrena nitida* (Müller, 1776)**

*Material examined.* Russia. *Tomsk Prov.*: Devyatkinno, 19.VI.1990, OK, 1 ♂; Kireyevsk, 17.VII.1995, OK, 1 ♀; *ibid.*, 5–11.VII.2001, OK, 2 ♀; *ibid.*, 15.VII.2002, OK, 1 ♀; Tomsk, 20.V–20.VI.1996, OK, 1 ♀, 2 ♂; *ibid.*, 23.IV–1.V.1997, OK, 3 ♂; *ibid.*, 14–16.V.1997, OK, 2 ♀; *ibid.*, 20.VI.1997, OK, 1 ♀; *ibid.*, 25.VI.1997, S. Fomenko, 1 ♀; *ibid.*, 8–17.V.1998, OK, 1 ♀, 1 ♂; *ibid.*, 22.VI.1998, OK, 1 ♀; *ibid.*, 17.V.1999, OK, 1 ♀; *ibid.*, 19.V–6.VI.2000, OK, 1 ♀, 4 ♂; *ibid.*, 24–28.V.2001, OK, 2 ♂; Yuvala, VI.1997, A. Dinges, 1 ♀; Anikino, 29.V.1998, OK, 1 ♂; *ibid.*, 16.VII.1998, OK, 1 ♀; *ibid.*, 18.VI.1999, OK, 1 ♂; Koloskovo, 25.VI.1998, A. Rodionov, 1 ♀; Tomsk, Tom' River, 3.V.1999, OK, 1 ♂; Seversk, 27.V.1999, L. Grishaev, 2 ♀; Tomsk distr., 41st km station, 26.VI.1999, OK, 1 ♀, 1 ♂; 5 km S of Tomsk, 2.V.2000, OK, 1 ♂. *Kemerovo Prov.*: Podyakovo, 3.VII.1993, NE, 1 ♀; 2 km NW of Kolmogorovo, 5.VII.1993, D. Sushchov, 1 ♀; Kemerovo, 22.IV.1997, D. Sushchov, 1 ♀; *ibid.*, 28.VI.1997, Kotova, 1 ♀; *ibid.*, 5.V.2001, NE, 3 ♂; *ibid.*, 28.V–3.VI.2004, NE, 2 ♀, 1 ♂; *ibid.*, 21.VI.2004, NE, 1 ♀; *ibid.*, 25.IV.2007, DS, 1 ♀, 1 ♂; *ibid.*, 16.V.2007, NE, 1 ♀, S. Luzyanin, 1 ♀; *ibid.*, 10.VI.2007, SYa, 1 ♀; *ibid.*, 7.V.2008, N. Skalon, 1 ♀; 8 km SE of Kemerovo, 18.V.1998, NE, 2 ♀; Shabanovo, 26.VI.1998, Yerofeeva, 1 ♂; 4 km NW of Zhuravlevo, 29.VI.1999, N. Kornienko, 1 ♀; *ibid.*, 2.VII.2006, SYa, 2 ♀; *ibid.*, 8.VII.2006, DS, 2 ♀; *ibid.*, 8.VII.2011, DS, 1 ♂; Tisulskiy distr., Gorodok, 30.VI.1999, Krivonogova, 1 ♀; 6 km S of Kemerovo, 21.VI.2004, L. Chernova, 1 ♀; Topki, 21.VI.2004, Ya. Kazarinova, 1 ♀; 8 km E of Karakan, 12.VI.2006, SYa, 1 ♀; Makarakskiy, 30.VI.2007, DS, 1 ♂; *ibid.*, 1.VII.2007, K. Zhuleiko, 1 ♂; *ibid.*, 1–4.VII.2007, S. Luzyanin, 3 ♀, 1 ♂; *ibid.*, 4.VII.2007, S. Dronova, 1 ♀; *ibid.*, 5.VII.2007, SYa, 1 ♂; 10 km N of Polutornik, 2.VII.2009, DS, 1 ♀; 7 km NE of Karakan, 2.VI.2008, DS, 2 ♀; 5 km S of Krasnoe, 8.VI.2008, DS, 1 ♀; 10 km NE of Sheveli, 15.VII.2009, DS, 2 ♀; 6 km SW of Mundybash, 14.VI.2011, DS, 4 ♂; 8 km E of Yurga, 6.V.2016, DS, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov.). – Europe, North Africa, Caucasus, Turkey, Iran, Central Asia, Kazakhstan.

### ***Andrena nitidiuscula* Schenck, 1853**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., 41st km station, 20.VII.1996, OK, 1 ♂. *Kemerovo Prov.*: Shabanovo, 3.VII.1998, NE, 1 ♂; 10 km SE of Ursk, 23.VII.2008, N. Teplova, 1 ♂; Azhendarovo biostation, 2–8.VIII.2009, DS, 2 ♀, 3 ♂; 17 km NW of Kemerovo, 9.VII.2015, D. Efimov, 1 ♀.

*Distribution.* Russia (European part, \*Tomsk and Kemerovo Prov., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Syria, Israel, Iran, Mongolia, China.

### ***Andrena ovatula* (Kirby, 1802)**

*Material examined.* Russia. *Omsk Prov.*: Tatarka, 17.VI.2012, A. Proskuryakova, 1 ♀. *Tomsk Prov.*: Chernyshevka, 24.VI.1995, OK, 1 ♀; Tomsk, 19.VI.1996, T. Yachmenyova, 1 ♀; *ibid.*, 1.V.1997, OK, 1 ♂; *ibid.*, 15.VII.1997, OK, 1 ♂; *ibid.*,

28.V.1998, OK, 1 ♂; *ibid.*, 6.VI.2000, OK, 1 ♀. *Novosibirsk Prov.*: Novosibirsk, 5.VIII.2010, A. Byvaltsev, 1 ♂. *Kemerovo Prov.*: 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 2 ♂; Kemerovo, 19.V–10.VI.2006, DS, 9 ♂; 1 *ibid.*, 9.V–7.VI.2006, SYa, 6 ♂; *ibid.*, 19.V.2009, A. Korshunov, 1 ♂; 8 km E of Karakan, 12.VI.2006, SYa, 1 ♂; *ibid.*, 3.VI.2008, DS, 43 ♂; 5 km NE of Prokopyevsk, 11.V.2008, DS, 2 ♂; 10 km NW of Kemerovo, 14–16.V.2008, DS, 14 ♂; *ibid.*, 15–23.V.2010, DS, 16 ♂; *ibid.*, 30.IV.2011, DS, 10 ♂; 15 km NW of Kemerovo, 22.V.2008, DS, 2 ♂; 15 km SE of Karakan, 4.VI.2008, DS, 9 ♂; Azhendarovo biostation, 20.VII.2008, A. Korshunov, 1 ♂; 6 km N of Kalachevo, 31.VII.2008, DS, 27 ♂; 4 km NW of Zhuravlevo, 29.V.2009, DS, 1 ♂; *ibid.*, 8.VII.2011, DS, 7 ♂; 8 km E of Yurga, 6.V.2016, DS, 1 ♂. *Altai Terr.*: 30 km S of Kurya, Savvushka, 1.VIII.2007, SB, 1 ♂; Klepechikha, 23.VII.2011, A. Byvaltsev, Yu. Danilov, 3 ♂; Pospelikha, 19.VII.2015, 1 ♀; Mel'nikovo, 19.VII.2015, 3 ♀.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk, \*Novosibirsk and \*Kemerovo Prov., Altai Terr., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Israel, Syria, Iraq, Iran, Afghanistan, Central Asia, Kazakhstan, China.

### ***Andrena pallitarsis* Pérez, 1903**

*Material examined.* Russia. *Kemerovo Prov.*: 5 km SE of Urop, 20–22.VII.2006, DS, 4 ♂; 23.VII.2006, D. Sushchov, 1 ♀, 1 ♂; 5 km NE of Prokopyevsk, 26.VII.2007, DS, 1 ♀, 1 ♂; 4 km NW of Zhuravlevo, 8.VII.2011, DS, 1 ♂.

*Distribution.* Russia (Ural, \*Kemerovo Prov.). – Europe.

### ***Andrena pilipes* Fabricius, 1781**

*Material examined.* Russia. *Novosibirsk Prov.*: 8 km SE of Berdsk, 3.VIII.2010, MP, 1 ♂; Karasuk, 20–25.V.2014, D. Efimov, 2 ♂. *Kemerovo Prov.*: Podyakovo, 3.VII.1993, Volkov, Khozyainov, 1 ♀; Shabanovo, 30.VI.1995, N. Teplova, 1 ♀; *ibid.*, 14.VI.1998, N. Kornienko, 1 ♀; *ibid.*, 28.VI–4.VII.1998, NE, 12 ♀; *ibid.*, 1.VII.1998, N. Mishov, 1 ♀; 4 km NW of Zhuravlevo, 13.VI.1999, NE, 2 ♂; *ibid.*, 13.VI.1999, D. Sushchov, 1 ♂; *ibid.*, 25.VI.2000, NE, 1 ♂; Kemerovo, 3.VI.2004, NE, 1 ♂; Tisulskiy distr., Gorodok, 26.VI.1999, Semenova, 1 ♀. *Altai Terr.*: Mel'nikovo, 19.VII.2015, 1 ♂. *Altai Rep.*: 8 km SEE of Onguday, 27–28.VI.2016, MP, VL, 1 ♀; 14 km SE of Aktash, 2–13.VII.2016, MP, VL, 4 ♀.

*Distribution.* Russia (European part, Ural, \*Novosibirsk and \*Kemerovo Prov., Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Syria, Israel, Iran, Afghanistan, Pakistan, Central Asia, Kazakhstan, Mongolia, China, India.

### ***Andrena praecox* (Scopoli, 1763)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 16.IV–2.V.1997, OK, 1 ♀, 4 ♂; *ibid.*, 8–17.V.1998, OK, 4 ♂; *ibid.*, 16.V–8.VI.2000, OK, 5 ♀; *ibid.*, 10.V.2001, OK, 1 ♀; Kislovka, 18.IV.1997, OK, 1 ♂; Tomsk distr., 41st km station, 10.V.1998, OK, 1 ♂; Anikino, 1.V.1999, OK, 1 ♂; *ibid.*, 26.V.1999, OK, 1 ♀; Tomsk, Tom' River, 3–4.VI.1999, OK, 2 ♀; 5 km S of Tomsk, 15.V.2000, OK, 1 ♀; Berlinka, 9.V.2001, D. Kurbatskiy, 1 ♀. *Novosibirsk Prov.*: Maly Chan Lake, 14.V.1982, A. Barkalov, 1 ♂. *Kemerovo Prov.*: Kemerovo, 15.V.1999, NE, 1 ♀; *ibid.*, 7.V.2001, NE, 1 ♀, 3 ♂; *ibid.*, 5–28.V.2004, NE, 2 ♀; *ibid.*, 19.IV.2009, DS, 1 ♂; Prokopyevsk, 10.V.2008, DS, 1 ♂; 10 km NW of Kemerovo, 16.V.2008, DS, 1 ♀; Azhendarovo biostation, 21–23.V.2011, A. Korshunov, A. Kostyunin, 2 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk, \*Novosibirsk and Kemerovo Prov., Eastern Siberia). – Europe, Caucasus, Turkey, Kazakhstan.

### ***Andrena proxima* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, Tom' River, 22.VI.1999, OK, 1 ♂; Tomsk, 1.VII.2000, Koog, 1 ♀; *ibid.*, 26.VI.2001, Bagirov, 1 ♀. *Kemerovo Prov.*: Kemerovo, 4.V.2005, S. Luzyanin, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and \*Kemerovo Prov.). – Europe, North Africa, Caucasus, Turkey, Central Asia.

### ***Andrena ranunculorum* Morawitz, 1877**

*Material examined.* Russia. *Novosibirsk Prov.*: Maly Chan Lake, 14.V.1982, A. Barkalov, 1 ♂. *Kemerovo Prov.*: Kemerovo, 26.V.1998, D. Sushchov, 1 ♂; *ibid.*, 19.V.2006, DS, 1 ♂. *Altai Rep.*: 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 6 ♀; 10 km SE of Aktash, Chuya River, 2.VII.2016, MP, VL, 1 ♀; 15 km SE of Kuray, 5–10.VII.2016, MP, VL, 5 ♀.

*Distribution.* Russia (European part, Ural, \*Novosibirsk and \*Kemerovo Prov., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Turkey, Iran, Turkmenistan.

### ***Andrena rosae* Panzer, 1801**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 7.VII.1990, OK, 1 ♂; *ibid.*, 20.V.1996, OK, 1 ♀; *ibid.*, 25.VI.1997, OK, 1 ♀; *ibid.*, 17.V.1999, Yanyushkin, 1 ♀; *ibid.*, 22.V.2000, OK, 2 ♀; *ibid.*, 26.VI.2001, L. Grishaev, 1 ♂; Tomsk distr., 41st

km station, 18.V.1996, OK, 1 ♀; *ibid.*, 2.V.1999, OK, 1 ♂; Tomsk, Tom' River, 3.V.1999, OK, 1 ♂; *ibid.*, 10.VII.1999, OK, 1 ♀; Kireyevsk, 4.VII.1999, OK, 1 ♀; *ibid.*, 18.VII.2000, OK, 1 ♀; *ibid.*, 5.VII.2001, OK, 1 ♀; 5 km S of Tomsk, 2.V.2000, OK, 1 ♀; 19.V.2001, OK, 1 ♂. *Novosibirsk Prov.*: Novosibirsk, 2.VIII.2010, MP, 5 ♂; *ibid.*, 2.VIII.2010, A. Byvaltsev, 1 ♂; Yevsino, 29.VI.2012, A. Byvaltsev, 1 ♂. *Kemerovo Prov.*: Ursk, 28.VII.1997, D. Sushchov, 1 ♂; 17 km S of Kemerovo, 23.V.1998, D. Sushchov, 1 ♀; *ibid.*, 14.V.2001, NE, 1 ♀; Kemerovo, 5.V.2004, NE, 1 ♀; *ibid.*, 8.V.2006, DS, 1 ♀; *ibid.*, 19.VII.2015, E. Bibik, 1 ♀; Krasnoe, 13.VII.2004, DS, 1 ♂; Leninsk-Kuznetskiy, 12.VII.2006, SYa, 1 ♀; 5 km SE of Urop, 22.VII.2006, SYa, 1 ♂; Azhendarovo biostation, 8.VIII.2006, DS, 1 ♀, 1 ♂; *ibid.*, 20.VII–6.VIII.2008, A. Korshunov, 1 ♀, 2 ♂; *ibid.*, 21–23.V.2011, A. Korshunov, A. Kostyunin, 1 ♀; 15 km W of Kondoma, 23.VII.2008, DS, 2 ♀; 5 km NE of Prokopyevsk, 9.V.2009, DS, 1 ♀; 4 km NW of Zhuravlevo, 30.V.2009, DS, 1 ♀; 20 km SE of Kemerovo, 17.VII.2009, DS, 2 ♂; 10 km NW of Kemerovo, 30.IV.2011, DS, 1 ♀. *Altai Terr.*: Pospelikha, A. Byvaltsev, 16.VII.2015, 1 ♀. *Altai Rep.*: 14 km SE of Aktash, 13.VII.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, Tomsk, \*Novosibirsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Europe, Caucasus, Turkey, Iran, Kyrgyzstan, Kazakhstan, Mongolia, China, Korea, Japan.

### ***Andrena ruficrus* Nylander, 1848**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk distr., 41st km station, 1–8.VI.1996, OK, 2 ♀; *ibid.*, 20.V.1997, OK, 1 ♀; *ibid.*, 10.V.1998, OK, 4 ♂; *ibid.*, 2.V.1999, OK, 1 ♀, 2 ♂; *ibid.*, 23.V.1999, OK, 2 ♀; Tomsk, 13–23.IV.1997, OK, 3 ♂; *ibid.*, 8–17.V.1998, OK, 1 ♀, 2 ♂; *ibid.*, 25.V.2000, OK, 1 ♀; Tomsk, Tom' River, 3–4.V.1999, OK, 2 ♂; 40 km SE of Tomsk, 14.V.2000, OK, 3 ♀; Kedrovyy, Korga River, 22.V.2000, P. Nefedev, 1 ♀; 5 km S of Tomsk, 9.VI.2001, OK, 1 ♂. *Kemerovo Prov.*: 15 km NW of Kemerovo, 22.V.2008, DS, 1 ♀; 15 km SE of Karakan, 4.VI.2008, DS, 1 ♂.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., Eastern Siberia, Far East). – Europe, Turkey, Kyrgyzstan, Kazakhstan, Korea, Japan.

### ***Andrena rufizona* Imhoff, 1834**

*Material examined.* Russia. *Tomsk Prov.*: Prosekino, 4.VI.1997, OK, 1 ♂; Tomsk, Kurya, 22.VI.1997, OK, 1 ♂; *ibid.*, 21.VI.1999, OK, 3 ♂; Tomsk, 24.VI.1997, OK, 2 ♂. *Novosibirsk Prov.*: Novosibirsk, 2.VIII.2010, MP, 1 ♂; Yevsino, 29.VI.2006, A. Byvaltsev, 4 ♂. *Kemerovo Prov.*: 4 km NW of Zhuravlevo, 27.VI.2000, NE, 1 ♂; *ibid.*, 29.VI.2006, SYa, 2 ♀, 3 ♂; *ibid.*, 30.VI–3.VII.2006, DS, 4 ♀; Makaraskiy, 2.VII.2007, T. Platonova, 1 ♀; *ibid.*, 10.VII.2007, K. Zhuleyko, 1 ♀; 5 km NW of Podyakovo, 30.VI.2009, A. Korshunov, 1 ♂. *Altai Rep.*: 15 km SE of Kuray, 5–6.VII.2016, MP, VL, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk, \*Novosibirsk and \*Kemerovo Prov., Altai Terr., Eastern Siberia). – Europe, Caucasus, Kazakhstan.

### ***Andrena sibirica* Morawitz, 1888**

*Material examined.* Russia. *Novosibirsk Prov.*: 8 km SE of Berdsk, 2–3.VIII.2010, MP, 2 ♀. *Kemerovo Prov.*: Krasnoe, 14.VII.2004, DS, 1 ♀; 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 2 ♀, 1 ♂; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀, 2 ♂; *ibid.*, 26.VII.2007, DS, 2 ♂; *ibid.*, 15.VIII.2009, DS, 4 ♀; 17 km S of Kemerovo, 20.VII.2005, NE, 2 ♀; 5 km SE of Urop, 20–23.VII.2006, DS, 3 ♀; *ibid.*, 21.VII.2006, SYa, 1 ♂; 5 km S of Leninsk-Kuznetskiy, 27.VII.2006, N. Teplova, 1 ♂; Azhendarovo biostation, 12.VIII.2006, SYa, 1 ♀; Kemerovo, 31.VII–2.VIII.2007, K. Agoshkov, 2 ♀, 1 ♂; Krasnobrodskiy, 2.VIII.2007, S. Luzyanin, 1 ♀; 8 km E of Kemerovo, 27.VII.2008, NE, 1 ♀; Malaya Salairka, 13.VII.2010, S. Luzyanin, 1 ♀; Mariinsk, 16.VIII.2010, M. Slepukhova, 1 ♀; 4 km NW of Zhuravlevo, 6.VII.2011, DS, 1 ♂. *Altai Terr.*: 30 km S of Kurya, Savvushka, 31.VII–1.VIII.2007, SB, 1 ♂; Barnaul, Yuzhniy, 3.VIII.2010, MP, 1 ♀, 1 ♂; *ibid.*, 8.VIII.2010, A. Byvaltsev, Yu. Danilov, 1 ♂; Mel'nikovo, 19.VII.2015, A. Byvaltsev, 2 ♀. *Altai Rep.*: 10–15 km SW of Kuray, 12.VII.2007, SB, 1 ♂; Kayancha, 15.VIII.2014, DS, 1 ♀.

*Distribution.* Russia (Ural, \*Novosibirsk and \*Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Kazakhstan, Mongolia, China.

### ***Andrena simillima* Smith, 1851**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 8.VII.1997, OK, 1 ♀; Tomsk distr., Porosino, 15.VII.1998, Cherkasov, 1 ♀. *Kemerovo Prov.*: 5 km NE of Prokopyevsk, 27.VII.2004, DS, 2 ♀; *ibid.*, 9–16.VIII.2005, DS, 2 ♀; *ibid.*, 12–15.VIII.2009, DS, 10 ♀, 2 ♂; 10 km N of Kiselevsk, 2.VIII.2005, NE, 1 ♀; 4 km NW of Zhuravlevo, 8.VII.2006, DS, 1 ♀; *ibid.*, 8.VII.2011, DS, 1 ♀; 5 km SE of Urop, 23.VII.2006, DS, 1 ♀; Guryevsk, 21.VIII.2007, DS, 1 ♀; 5 km SE of Starobachaty, 24.VIII.2007, DS, 1 ♀, S. Luzyanin, 2 ♀; *ibid.*, 5.VIII.2010, DS, 1 ♂; 6 km N of Kalachevo, 31.VII.2008, DS, 3 ♀. *Altai Terr.*: 30 km S of Kurya, Savvushka, 31.VII–1.VIII.2007, SB, 1 ♀; Barnaul, Yuzhniy, 3.VIII.2010, MP, 2 ♀; Mel'nikovo, 19.VII.2015, A. Byvaltsev, 1 ♀. *Altai Rep.*: Kayancha, 15.VIII.2014, DS –1 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia). – Europe, Caucasus, Iran, Mongolia.

### ***Andrena subopaca* Nylander, 1848**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 26.VI.1989, Devyatova, 1 ♀; *ibid.*, 31.V–16.VI.1990, OK, 2 ♀; *ibid.*, 16.V–11.VI.1997, OK, 2 ♀, 1 ♂; *ibid.*, 25.VI–3.VII.1997, OK, 2 ♀; *ibid.*, 9–26.VI.1998, OK, 2 ♀; *ibid.*, 22–23.VI.1999, OK, 3 ♀; *ibid.*, 29.V.2000, OK, 1 ♀; Devyatkin, 19.VI.1990, OK, 1 ♀; Tomsk distr., 41st km station, 14.VI.1997, OK, 1 ♀; Tomsk, Kurya, 22.VI.1997, OK, 1 ♀; 40 km SE of Tomsk, 12.VI.2000, OK, 1 ♀; *ibid.*, 11.VI.2001, OK, 1 ♀; Kireyevsk, 6.VII.2001, OK, 1 ♀. *Kemerovo Prov.*: Podyakovo, 3.VII.1993, NE, 1 ♀; 8 km SE of Kemerovo, 18.V.1998, D. Sushchov, 2 ♀; Kemerovo, 19–26.VI.2004, NE, 2 ♀; *ibid.*, 24.VI.2011, S. Luzyanin, 1 ♀; 4 km NW of Zhuravlevo, 3.VII.2006, DS, 5 ♀; *ibid.*, 30.V.2009, DS, 1 ♂; *ibid.*, 6–8.VII.2011, DS, 2 ♀; Makarakskiy, 30.VI–6.VII.2007, DS, 4 ♀; *ibid.*, 3–10.VII.2007, SYa, 7 ♀; *ibid.*, 9.VII.2007, S. Mayburova, 1 ♀; 9 km W of Taradanovo, 1.VI.2008, DS, 7 ♂; 4 km S of Taradanovo, 2.VI.2008, DS, 1 ♂; 8 km E of Karakan, 3.VI.2008, DS, 1 ♀; 15 km SE of Karakan, 4.VI.2008, DS, 1 ♀, 1 ♂; 5 km NE of Novokuznetsk, 7.VI.2008, DS, 1 ♀; Azhendarov biostation, 20.VII.2008, A. Korshunov, 1 ♀; 10 km N of Polutornik, 2.VII.2009, Yu. Kulyomin, 1 ♀; *ibid.*, 3–9.VII.2009, DS, 14 ♀; 12 km NW of Kemerovo, 24.VI.2012, D. Efimov, 1 ♀. *Altai Terr.*: Biysk, 6.VII.2007, SB, 2 ♀; 8 km S of Biysk, Ust'-Katun', 7.VII.2007, SB, 2 ♀. *Altai Rep.*: Katunskiy ridge, Taymenye Lake, 20–23.VII.2013, MP, VL, 6 ♀.

*Distribution.* Russia (European part, Ural, \*Tomsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep., Eastern Siberia, Far East). – Europe, Caucasus, Kazakhstan, China, Japan.

### ***Andrena tarsata* Nylander, 1848**

*Material examined.* Russia. *Kemerovo Prov.*: Guryevsk, 21.VIII.2007, DS, 1 ♂. *Altai Rep.*: 8 km SW of Kuray, 11.VII.2007, SB, 1 ♀; 80 km SSE of Ust'-Koksa, 25–28.VII.2013, MP, VL, 2 ♀, 1 ♂; 8 km SEE of Onguday, 27–28.VI.2016, MP, VL, 1 ♀; 14 km SE of Aktash, 1–4.VII.2016, MP, VL, 2 ♀, 1 ♂; 12 km SE of Kosh-Agach, 9.VII.2016, MP, VL, 1 ♂; 15 km SE of Kuray, 5–10.VII.2016, MP, VL, 46 ♀, 3 ♂.

*Distribution.* Russia (European part, Ural, \*Kemerovo Prov., \*Altai Rep., Eastern Siberia, Far East). – Europe, Caucasus, Turkey, Mongolia, China.

### ***Andrena thoracica* (Fabricius, 1775)**

*Material examined.* Russia. *Tomsk Prov.*: Kireyevsk, 23.VII.1995, OK, 1 ♀; *ibid.*, 23.VII.1997, OK, 1 ♂; *ibid.*, 18.VII.2000, OK, 2 ♀; Tomsk, 28.V.1996, OK, 1 ♀; *ibid.*, 10–23.IV.1997, OK, 5 ♂; *ibid.*, 23.VIII.1998, OK, 1 ♂; Seversk, Tom' River, 8.VII.1999, L. Grishaev, 1 ♀. *Novosibirsk Prov.*: Chany biostation, 26.VI.1985, A. Kharitonov, 1 ♂; 8.5 km S of Berdsk, 2.VIII.2010, A. Byvaltsev, 1 ♂; 8 km SE of Berdsk, 3.VIII.2010, MP, 2 ♂; Novosibirsk, 5.VIII.2010, A. Byvaltsev, 1 ♂. *Kemerovo Prov.*: Podyakovo, 14.VII.1991, Lomakin, 1 ♀; 17 km S of Kemerovo, 15.V.1994, NE, 1 ♀; Kemerovo, 1.VII.1997, NE, 1 ♂; *ibid.*, 22.IV–5.V.2004, DS, 4 ♀, 1 ♂; *ibid.*, 5.V.2004, NE, 4 ♀; *ibid.*, 25.IV.2007, DS, 3 ♀; *ibid.*, 1.V.2007, V. Polevod, 1 ♀; Bekovo, 26.V.1998, D. Sushchov, 1 ♀; *ibid.*, 26.V.2001, NE, 1 ♀; Salair, 20.VII.1999, NE, 1 ♀; Tsypino, 30.VII.2003, E. Streltsova, 1 ♀; 10 km W of Guryevsk, 14.VII.2005, NE, 1 ♀; 4 km NW of Zhuravlevo, 8.VII.2006, DS, 1 ♀; *ibid.*, 29.V.2009, DS, 1 ♀; 5 km SE of Urop, 22.VII.2006, SYa, 1 ♀; Krasnobrodskiy, 2.VIII.2007, S. Luzyanin, 1 ♀; 10 km NW of Kemerovo, 14–16.V.2008, DS, 3 ♀; *ibid.*, 15–23.V.2010, DS, 2 ♀, 1 ♂; *ibid.*, 30.IV.2011, DS, 1 ♀, 1 ♂; *ibid.*, 28.IV.2013, A. Korshunov, 1 ♀; 15 km W of Kondoma, 22.VII.2008, DS, 1 ♂; 6 km N of Kalachevo, 31.VII.2008, DS, 1 ♀, 3 ♂; 5 km NE of Prokopyevsk, 9.V.2009, DS, 5 ♀. *Altai Terr.*: 30 km S of Kurya, Savvushka, 31.VII–1.VIII.2007, SB, 1 ♂; Barnaul, Yuzhniy, 3.VIII.2010, MP, 2 ♀, 1 ♂.

*Distribution.* Russia (European part, Ural, Omsk, \*Tomsk, \*Novosibirsk and Kemerovo Prov., Altai Terr., Eastern Siberia, Far East). – Europe, North Africa, Caucasus, Turkey, Israel, Jordan, Lebanon, Iran, Afghanistan, Turkmenistan, Uzbekistan, Tajikistan, Mongolia, China, Korea.

### ***Andrena tibialis* (Kirby, 1802)**

*Material examined.* Russia. *Omsk Prov.*: Bol'shoy Atmos, 27.VI.2011, N. Kholodina, 2 ♂; *ibid.*, 28–29.VI.2011, A. Byvaltsev, 17 ♀, 2 ♂; *ibid.*, A. Proskuryakova, 2 ♂. *Tomsk Prov.*: Tomsk distr., 41st km station, 27.IV.1997, OK, 1 ♂; 20 km S of Asino, 2001, L. Grishaev, 1 ♀. *Novosibirsk Prov.*: Maly Chan Lake, 15.V.1982, A. Barkalov, 5 ♂; Karasuk, 25.VI.1982, A. Barkalov, 1 ♀; *ibid.*, 1–5.V.2014, D. Efimov, 1 ♀, 3 ♂. *Kemerovo Prov.*: Kemerovo, 14.VII.2004, NE, 1 ♀; *ibid.*, 17.VII.1996, NE, 1 ♂; 5 km NE of Bolshaya Talda, 18.VII.2004, DS, 1 ♀; 5 km S of Leninsk-Kuznetskiy, 27.VII.2006, N. Teplova, 1 ♀; 4 km NW of Zhuravlevo, 8.VII.2006, DS, 1 ♂; Shabanovo, 14.VII.2004, DS, 1 ♂. *Altai Terr.*: Barnaul, Yuzhniy, 25.IV.2006, Yu. Danilov, 1 ♂; Novoromanovo, 8.V.2006, Yu. Danilov, 1 ♂.

*Distribution.* Russia (European part, Ural, \*Omsk, \*Tomsk, \*Novosibirsk and \*Kemerovo Prov., \*Altai Terr., Eastern Siberia, Far East). – Europe, Caucasus, Turkey, Iran, Kyrgyzstan, Kazakhstan, China.

### ***Andrena transbaicalica* Popov, 1949**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 23.V.1995, OK, 1 ♀; *ibid.*, 26–29.V.1997, OK, 2 ♂; *ibid.*, 17.V.1998, OK, 1 ♂; Seversk, 27.V.1999, L. Grishaev, 1 ♀. *Novosibirsk Prov.*: Novosibirsk, CSBG SB RAS, 21.VI.2007, Students, 1 ♀. *Kemerovo Prov.*: Kemerovo, 31.VII.2005, DS, 2 ♂; 10 km NW of Kemerovo, 28.IV.2013, A. Korshunov, 1 ♂.

*Distribution.* Russia (\*Tomsk Prov., \*Novosibirsk and \*Kemerovo Prov., Eastern Siberia, Far East). – Korea, Japan.

***Andrena tridentata* (Kirby, 1802)**

*Material examined.* Russia. *Novosibirsk Prov.*: Karasuk biostation, 17.VIII.2015, K. Belova, 1 ♀. *Kemerovo Prov.*: Krasnoe, 14.VII.2004, DS, 1 ♂; 5 km NE of Prokopyevsk, 27.VII.2004, DS, 1 ♀; *ibid.*, 9.VIII.2005, DS, 2 ♀; *ibid.*, 15.VIII.2008, DS, 6 ♀; *ibid.*, 15.VIII.2009, DS, 5 ♀; 17 km S of Kemerovo, 20.VII.2005, NE, 1 ♀; Krasnobrodskiy, 3.VIII.2005, S. Luzyanin, 1 ♂; Podyakovo, 3.VII.2007, E. Lityayeva, 1 ♀; Belovo, 23.VIII.2007, DS, 3 ♀; Guryevsk, 23.VIII.2007, DS, 1 ♀; 5 km SE of Starobachaty, 24.VIII.2007, S. Luzyanin, 1 ♀, DS, 1 ♀; Kiselevsk, 14.VIII.2010, A. Tikhonova, 1 ♀. *Altai Terr.*: Rubtsovsk, 20.VIII.1952, 1 ♀. *Altai Rep.*: Kayancha, 15.VIII.2014, DS, 1 ♀.

*Distribution.* Russia (European part, Ural, \*Novosibirsk and Kemerovo Prov., \*Altai Terr., \*Altai Rep.). – Europe.

***Andrena vaga* Panzer, 1799**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 4–20.V.1996, OK, 3 ♀, 3 ♂; *ibid.*, 10–25.IV.1997, OK, 2 ♀, 1 ♂; *ibid.*, 11.V.1998, OK, 1 ♂; 5 km S of Tomsk, 20.IV.1997, OK, 4 ♂; *ibid.*, 1.V.1999, OK, 1 ♂; *ibid.*, 20.IV–2.V.2000, OK, 7 ♂; Seversk, 3.V.1999, OK, 1 ♂; *ibid.*, 15.V.2000, L. Grishaev, 1 ♀; Tomsk, Tom' River, 3.V.1999, OK, 1 ♂. *Kemerovo Prov.*: Kemerovo, 22.IV.1997, NE, 1 ♀; *ibid.*, D. Sushchov, 3 ♀; *ibid.*, 15.V.1998, NE, 2 ♀; *ibid.*, 26.V.1998, D. Sushchov, 2 ♀; *ibid.*, 5.V.2001, NE, 1 ♀; *ibid.*, 19.V.2003, NE, 2 ♀; *ibid.*, 5.V.2004, NE, 7 ♀, 24 ♂; *ibid.*, 5.V.2004, DS, 1 ♀; *ibid.*, 2.VI.2004, A. Taubert, 1 ♀; *ibid.*, 24.IV.2005, DS, 6 ♂; *ibid.*, 9.V.2005, DS, 2 ♀; *ibid.*, 19–26.V.2006, NE, 4 ♀, 2 ♂; *ibid.*, 3.VI.2006, DS, 5 ♀; *ibid.*, 22.IV–8.V.2007, DS, 2 ♀, 2 ♂; *ibid.*, 16.V.2007, S. Luzyanin, 1 ♀; 10 km NW of Kemerovo, 23.V.2010, DS, 1 ♀.

*Distribution.* Russia (European part, Ural, Omsk, Tomsk and Kemerovo Prov., Eastern Siberia). – Europe, Caucasus, Turkey, Kyrgyzstan, Kazakhstan.

***Andrena ventralis* Imhoff, 1832**

*Material examined.* Russia. *Tomsk Prov.*: 5 km S of Tomsk, 13–20.IV.1997, OK, 2 ♀, 5 ♂; *ibid.*, 2.V.2000, OK, 1 ♂; *ibid.*, 9.V.2001, OK, 1 ♂; *ibid.*, 9.VI.2001, OK, 2 ♂; Tomsk, 20.IV.1997, OK, 1 ♂; *ibid.*, 27.V.1997, OK, 1 ♀; *ibid.*, 16.V.2000, OK, 2 ♂; *ibid.*, 15.V.2001, Bagirov, 1 ♂. *Kemerovo Prov.*: Kemerovo, 26.V.2006, DS, 1 ♀; *ibid.*, 25.IV.2007, DS, 1 ♀.

*Distribution.* Russia (European part, Ural, Omsk, \*Tomsk and Kemerovo Prov., Eastern Siberia). – Europe, Caucasus, Turkey, Central Asia, Kazakhstan, China, Korea, Japan.

***Andrena wilkella* (Kirby, 1802)**

*Material examined.* Russia. *Tomsk Prov.*: Tomsk, 29.VI.1995, OK, 1 ♂; *ibid.*, 11.VI–7.VII.1997, OK, 6 ♂; *ibid.*, 7–28.VII.1998, OK, 2 ♂; *ibid.*, 3.VI.1999, OK, 1 ♂; *ibid.*, 20.VI.2000, OK, 1 ♂; *ibid.*, 19–22.VI.2001, OK, 2 ♂; Tomsk, 26.VI.1997, A. Khudobets, 1 ♂; Prosekino, 1.VII.1997, OK, 1 ♂; Kolarovo, 20.VI.2000, L. Grishaev, 1 ♂. *Novosibirsk Prov.*: Yevsino, 29.VI.2012, A. Byvaltsev, 2 ♂. *Kemerovo Prov.*: Shabanovo, 30.VI–16.VII.1995, NE, 3 ♂; *ibid.*, 30.VI.1998, NE, 1 ♂; Kemerovo, 17.VII.1996, Mureeva, 1 ♂; D. Sushchov, 3 ♀; *ibid.*, 15.V.1998, NE, 2 ♀; *ibid.*, 26.V.1998, D. Sushchov, 2 ♀; *ibid.*, 1.VII.1997, NE, 1 ♂; 17 km S of Kemerovo, 27.VI.1998, Zaitseva, 1 ♂; Sary-Chumysh, 5.VII.2002, NE, 1 ♂; Krasnoe, 12.VII.2004, DS, 1 ♂; 5 km NE of Prokopyevsk, 23.VI.2006, DS, 1 ♂; *ibid.*, 14.VI.2006, DS, 3 ♂; 4 km NW of Zhuravlevo, 2.VII.2006, DS, 2 ♂; Malaya Salairka, 15.VI.2007, S. Luzyanin, 1 ♂; Makarakskiy, 30.VI.2007, DS, 2 ♂; *ibid.*, V. Babushkina, 1 ♂; *ibid.*, 1–5.VII.2007, SYa, 7 ♂; *ibid.*, 9.VII.2007, D. Orlova, 2 ♂; 2 km SE of Chumay, 1.VII.2008, D. Yurikova, 1 ♂; *ibid.*, 10.VII.2008, Yu. Samsonova, 1 ♂; 3 km SW of Gorskino, 3–9.VII.2009, A. Kapustina, 1 ♂; *ibid.*, A. Topolya, 4 ♂; *ibid.*, I. Korotkova, 9 ♂; *ibid.*, N. Vasyukova, 14 ♂; 10 km N of Polutornik, 10–14.VII.2009, DS, 5 ♂.

*Distribution.* Russia (European part, Ural, \*Tomsk, \*Novosibirsk and Kemerovo Prov., Altai Terr., Eastern Siberia). – Europe, North Africa, Caucasus, Turkey, Kyrgyzstan, Kazakhstan, China, Northern America.

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