

The species-group names of bees (Hymenoptera: Apoidea,  
Apiformes) described from the Russian Far East.  
Part I. Families Colletidae, Andrenidae and Melittidae

Таксоны пчёл (Hymenoptera: Apoidea, Apiformes),  
описанные с Дальнего Востока России.  
Часть I. Семейства Colletidae, Andrenidae и Melittidae

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**Key words:** bees, Apiformes, Russia, Palaearctic.

**Ключевые слова:** пчелы, Apiformes, Россия, Палеарктика.

**Abstract.** The annotated list of 60 species-group names of bees from 8 genera of families Colletidae, Andrenidae and Melittidae described by 13 authors from the Russian Far East in 1891–2011 is given. Of them 30 species and one subspecies are valid. For each taxa the data about the types and their depository, current taxonomic status and distribution are given.

**Резюме.** Приведен аннотированный список 60 названий видовой группы пчел из 8 родов семейств Colletidae, Andrenidae и Melittidae, описанных 13 авторами с Дальнего Востока России в 1891–2011 гг. Из них 30 видов и 1 подвид являются валидными. Для каждого таксона даны сведения о типе и месте его хранения, современном таксономическом положении и распространению.

This paper continues the study of the bees described from Russia that started in 2013 with the fauna of Siberia (Proshchalykin, Lelej, 2013). The goal of the present paper is to review of the bees described from the Russian Far East. Currently Russian Far East includes 8 administrative regions (Fig. 1) with square 3,1 millions sq. m (18 % of Russian Federation territory) [The National Atlas of Russia, 2008].

During 166 (1848–2014) years of extensive work by 21 entomologists 140 nominal names have been proposed for 67 species and five subspecies of bees (except bumble-bees which will be reviewed in separate paper) from Russian Far East. Most taxa have been described by T. Cockerell (62), A. Osytshnjuk (11) and O. Radoszkowski (11). In 1923 American entomologist T. Cockerell jointly with his wife Wilmatte visited «Maritime Province of Siberia» [now Primorskiy Territory]. They collected bees near Vladivostok, Kangaus [Anisimovka] and Preobrazhenie in July–August of 1923 [We-

ber, 2000]. Based on this material T. Cockerell published six papers [Cockerell, 1924a, b, c, d, e, 1925] where he described 62 species, subspecies and varieties of bees. Of them only eighteen species are valid now. During last decade thirteen species and one subspecies of bees have been described [Proshchalykin, Lelej, 2004a, b, 2010, 2014; Kuhlmann, Quest, 2006; Ebmer, 2006; Pesenko, 2006, 2007a; Romankova, Astafurova, 2011].

Acronyms for collections where specimens are deposited as follows: AMNY — American Museum of Natural History, New York, USA; HUMS — Hokkaido University Museum, Sapporo, Japan; IBSS — Institute of Biology and Soil Science, Russian Academy of Sciences, Vladivostok, Russia; IZKP — Institute of Systematic and Experimental Zoology, Polish Academy of Sciences, Kraków, Poland; IZKU — I.I. Schmalgausen Institute of Zoology of National Academy of Sciences of Ukraine, Kiev, Ukraine; MNBG — Museum für Naturkunde — Leibniz-Institut für Evolutions- und Biodiversitätsforschung an der Humboldt-Universität zu Berlin, Germany; NHML — The Natural History Museum, London, UK; NMNH — Smithsonian Institution, National Museum of Natural History, Washington DC, USA; OLM — Oberösterreichisches Landesmuseum, Linz, Austria; PCAE — private collection of A.W. Ebmer, Linz, Austria; RMSS — Royal Natural History Museum, Stockholm, Sweden; ZISP — Zoological Institute, Russian Academy of Sciences, St.Petersburg, Russia; ZMMU — Zoological Museum of the Moscow State University, Russia; ZMUH — Zoological Museum of the University of Helsinki, Finland. The classification of bees follows Michener [2007] and Pesenko [2007b].

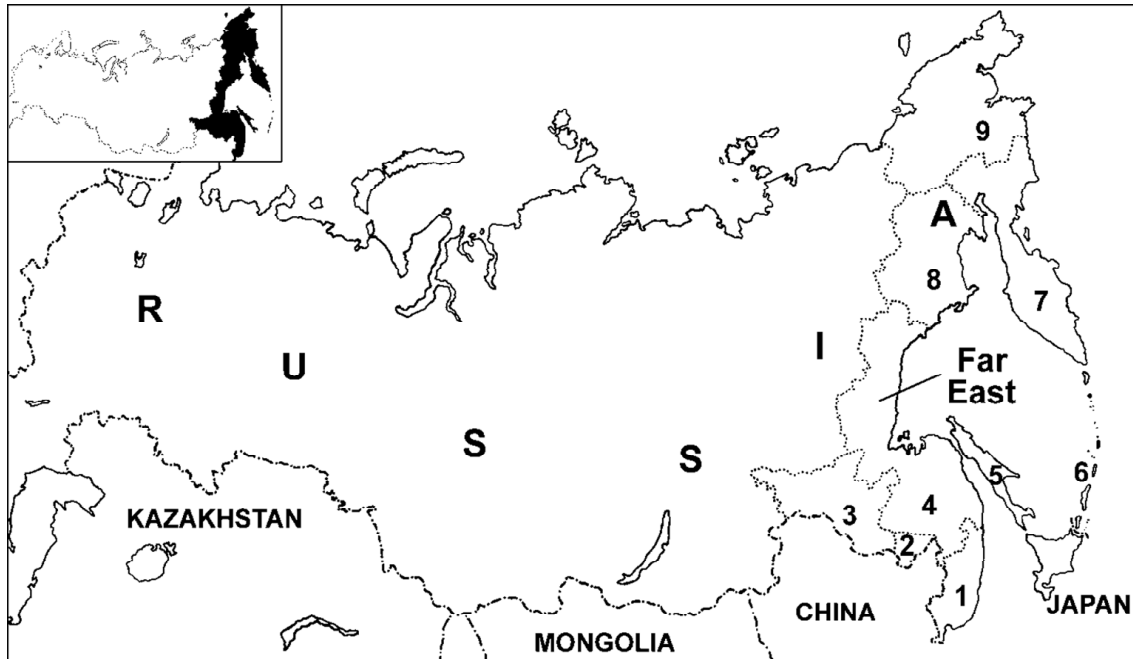


Fig. 1. Administrative map of the Russian Far East (1–9). 1 — Primorskiy Terr., 2 — Jewish Autonomous Prov., 3 — Amurskaya Prov., 4 — Khabarovsk Terr., 5, 6 — Sakhalinskaya Prov. (5 — Sakhalin, 6 — Kuril Islands), 7 — Kamchatskiy Terr. (Kamchatka), 8 — Magadan Prov., 9 — Chukotskiy Autonomous Area (Chukotka).

Рис. 1. Административная карта Дальнего Востока России (1–9). 1 — Приморский край, 2 — Еврейская автономная обл., 3 — Амурская обл., 4 — Хабаровский край, 5, 6 — Сахалинская обл. (5 — Сахалин, 6 — Курильские острова), 7 — Камчатский край (Камчатка), 8 — Магаданская обл., 9 — Чукотский автономный округ (Чукотка).

## List of the species

### Colletidae Colletinae

#### *Colletes arsenjevi* Kuhlmann, 2006

*Colletes arsenjevi* Kuhlmann in Kuhlmann, Quest, 2006: 3, ♂ (holotype: ♂, Primorskiy Terr., Lazovsky Nature Reserve, sandy coast [134°07'46"E 43°01'07"N], 16–25.IX.2001, Malaise trap, leg. M. Quest [IBSS]).

**Current status.** Valid [Kuhlmann, Proshchalykin, 2011].

**Distribution.** Russia: Primorskiy Terr.; Mongolia, China [Xinjiang] [Kuhlmann, Proshchalykin, 2011].

#### *Colletes cunicularius khasanensis* Osytshnjuk, 1995

*Colletes cunicularius khasanensis* Osytshnjuk in Osytshnjuk, Romankova, 1995: 482, ♀, ♂ (holotype: ♀, Khasan Lake, Primorskiy Terr., 16.V.1983, leg. T. Romankova [IZKU]).

**Current status.** A junior synonym of *Colletes cunicularius* (Linnaeus, 1760) [Kuhlmann 2000: 178].

**Distribution.** Russia: European part, Buryatia, Primorskiy Terr.; Europe, Turkey, Mongolia, North-Eastern China [Kuhlmann, Proshchalykin, 2011].

#### *Colletes incerta* Radoszkowski, 1891

*Colletes incerta* Radoszkowski, 1891a: 252, ♂ (holotype: ♂, «des environs de Vladivostok» [Primorskiy Terr.]).

**Current status.** A junior synonym of *Colletes collaris* Dours, 1872 [Kuhlmann, Proshchalykin, 2011: 20].

**Distribution.** Russia: European part, Tuva, Krasnoyarsk Prov., Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Europe, Kazakhstan, Mongolia, Western and North-Eastern China, Japan [Kuhlmann, Proshchalykin, 2011].

#### *Colletes jankowskyi* Radoszkowski, 1891

*Colletes jankowskyi* Radoszkowski, 1891a: 253, ♀, ♂ (syntypes: ♀, ♂, «sur les bords de la riviere Sidimi (non loin de Vladivostok)», [Primorskiy Terr.], leg. M. Jankowski).

**Current status.** Valid [Kuhlmann, Proshchalykin, 2011].

**Distribution.** Russia: European part, Altai Republic, Altaiskiy Terr., Tuva, Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr.; Tajikistan, Mongolia, Western and North-Eastern China [Kuhlmann, Proshchalykin, 2011].

#### *Colletes kudiensis* Cockerell, 1924

*Colletes kudiensis* Cockerell, 1924b: 594, ♂ (holotype: ♂, «Kudia River, Amagu, Siberia» [Primorskiy Terr.], VII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Colletes floralis* Eversmann, 1852 [Noskiewicz, 1936: 437].

**Distribution.** Russia: European part, Orenburg Prov., Novosibirsk Prov., Altai Republic, Kemerovo Prov., Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Yakutia, Khabarovsk Terr., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir, Iturup); Europe, Turkey, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Iran, Mongolia, Japan, India [Kuhlmann, Proshchalykin, 2011].

*Colletes sidemii* Radoszkowski, 1891

*Colletes sidemii* Radoszkowski, 1891a: 252, ♀, ♂ (syn-types: ♀, ♂, «sur les bords de la riviere Sidémi (non loin de Vladivostok)» [Primorskiy Terr.]).

**Current status.** Valid [Kuhlmann, Proshchalykin, 2011].

**Distribution.** Russia: European part, Orenburg Prov., Altai Republic, Altaiskiy Terr., Tuva, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Amurskaya Prov., Primorskiy Terr.; Kazakhstan, Kyrgyzstan, Uzbekistan, Mongolia, China (Xinjiang, Qinghai, Yunnan) [Kuhlmann, Proshchalykin, 2011].

*Colletes ulrikae* Kuhlmann, 2002

*Colletes ulrikae* Kuhlmann in Kuhlmann, Dorn, 2002: 106, ♂ (holotype: ♂, Susuman, Magadan Prov., VII.1980, leg. D. Berman [IBSS]).

**Current status.** Valid [Kuhlmann, Proshchalykin, 2011].

**Distribution.** Russia: Magadan Prov. [Kuhlmann, Proshchalykin, 2011].

*Colletes ventraliformis* Cockerell, 1924

*Colletes ventraliformis* Cockerell, 1924b: 595, ♂ (holotype: ♂, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], VIII.1923, leg. T. Cockerell [AMNY]).

**Current status.** A junior synonym of *Colletes jankowskyi* Radoszkowski, 1891 [Kuhlmann 2000: 180].

**Distribution.** See *Colletes jankowskyi*.

## Hylaeinae

*Hylaeus aborigensis* Dathe, 1994

*Hylaeus aborigensis* Dathe, 1994: 442, ♀, ♂ (holotype: ♂, «Sibirien, Pik Aborigen, 25 km SW Warmsteppe am Fluß Kolyma» [Magadan Prov.], 500 m, 18.VII.1992, leg. J. Bishop [MNBG]).

**Current status.** Valid [Proshchalykin, Dathe, 2012].

**Distribution.** Russia: Tuva, Yakutia, Magadan Prov., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Japan (Honshu) [Proshchalykin, Dathe, 2012].

*Hylaeus atromicans* Cockerell, 1924

*Hylaeus atromicans* Cockerell 1924e: 578, ♀ (holotype: ♀, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], 5.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaeus rinki* (Gorski, 1852) [Proshchalykin, Dathe, 2012: 19].

**Distribution.** Russia: European part, Novosibirsk Prov., Tomsk Prov., Kemerovo Prov., Khakassia, Altai Republic, Tuva, Irkutsk Prov., Zabaikalskiy Terr., Yakutia, Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir, Iturup); Europe [Proshchalykin, Dathe, 2012].

*Hylaeus brevicuneatus* Cockerell, 1924

*Hylaeus brevicuneatus* Cockerell, 1924e: 579, ♀ (holotype: ♀, «Kongaus, Siberia» [Anisimovka, Primorskiy Terr.], VIII.1923, leg. T. Cockerell [NMNH]).

**Current status.** A junior synonym of *Hylaeus nigrocuneatus* Cockerell, 1924 [Proshchalykin, Dathe, 2012: 25].

**Distribution.** See *Hylaeus nigrocuneatus*.

*Hylaeus cardioscapus* Cockerell, 1924

*Hylaeus cardioscapus* Cockerell, 1924d: 276, ♀, ♂ (holotype: ♂, «Kudia-River, Siberia» [Primorskiy Terr.], VI.1923, leg. T. Cockerell [NMNH]).

**Current status.** Valid [Proshchalykin, Dathe, 2012].

**Distribution.** Russia: European part, Tomsk Prov., Kemerovo Prov., Altai Republic, Irkutsk Prov., Zabaikalskiy Terr., Kamchatskiy Terr., Magadan Prov., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin; Europe [Proshchalykin, Dathe, 2012].

*Hylaeus concinnus* Cockerell, 1924

*Hylaeus concinnus* Cockerell, 1924d: 282, ♂ (holotype: ♂, «Kudia River, Siberia» [Primorskiy Terr.], 1923, leg. T. Cockerell [NHML]).

**Current status.** Valid [Proshchalykin, Dathe, 2012].

**Distribution.** Russia: Primorskiy Terr.; China (Shanghai, Jilin, Shandong) [Proshchalykin, Dathe, 2012].

*Hylaeus lavrushini* Cockerell, 1924

*Hylaeus lavrushini* Cockerell, 1924e: 579, ♀ (holotype: ♀, «Kongaus, Siberia» [Anisimovka, Primorskiy Terr.], VIII.1923, leg. T. Cockerell [NMNH]).

**Current status.** A junior synonym of *Hylaeus nigrocuneatus* Cockerell, 1924 [Proshchalykin, Dathe, 2012: 25].

**Distribution.** See *Hylaeus nigrocuneatus*.

*Hylaeus lepidulus* Cockerell, 1924

*Hylaeus lepidulus* Cockerell, 1924d: 282–283, ♂ (holotype: ♂, «Kudia-River, Siberia» [Primorskiy Terr.], VI.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaeus paulus* Bridwell, 1919 [Amiet et al., 1999: 125].

**Distribution.** Russia: Tuva, Yakutia, Kamchatskiy Terr., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Europe, Mongolia, China (Beijing, Heilongjiang, Jilin, Shandong), Japan (Hokkaido, Honshu, Kyushu) [Proshchalykin, Dathe, 2012].

*Hylaeus nigrocuneatus* Cockerell, 1924

*Hylaeus nigrocuneatus* Cockerell, 1924d: 277, ♂, ♀ (holotype: ♂, «Kudia-River, Siberia» [Primorskiy Terr.], VI.1923, leg. W. Cockerell, T. Cockerell [NHML]).

**Current status.** Valid [Proshchalykin, Dathe, 2012].

**Distribution.** Russia: Irkutsk Prov., Zabaikalskiy Terr., Yakutia, Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin; Japan (Hokkaido, Honshu, Kyushu), China (Shanghai, Jilin, Shandong) [Proshchalykin, Dathe, 2012].

*Hylaeus nigrocuneatus rufipennis* Cockerell, 1924

*Hylaeus nigrocuneatus* var. *rufipennis* Cockerell, 1924d: 278, ♀, ♂ (holotype: ♂, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], VI.1923, leg. W. Cockerell, T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaeus nigrocuneatus* Cockerell, 1924 [Proshchalykin, Dathe, 2012: 24].

**Distribution.** See *Hylaeus nigrocuneatus*.

*Hylaeus nigrolineatus* Cockerell, 1924

*Hylaeus nigrolineatus* Cockerell, 1924e: 577, ♀, ♂ (holotype: ♂, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], 5.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaeus gracilicornis* (Morawitz, 1867) [Dathe 1980: 261].

**Distribution.** Russia: European part, Novosibirsk Prov., Tomsk Prov., Kemerovo Prov., Khakassia, Altai Republic, Buryatia, Zabaikalskiy Terr., Yakutia, Kamchatskiy Terr.,

Magadan Prov., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Europe [Proshchalykin, Dathe, 2012].

*Hylaesus pallescens* Cockerell, 1924

*Hylaesus pallescens* Cockerell, 1924d: 279, ♀ (holotype: ♀, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], VIII.1923, leg. T. Cockerell [NMNH]).

**Current status.** A junior synonym of *Hylaesus tsingtauen-sis* (Strand, 1915) [Ikudome, 2013: 1].

**Distribution.** Russia: Tomsk Prov., Kemerovo Prov., Altai Republic, Khakassia, Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr.; Mongolia, China (Henan, Beijing) [Proshchalykin, Dathe, 2012; Ikudome, 2013].

*Hylaesus polevoiae* Cockerell, 1924

*Hylaesus polevoiae* Cockerell, 1924d: 281, ♂, ♀ (holotype: ♂, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], 5.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaesus pfankuchi* (Alfken, 1919) [Warncke, 1981: 157].

**Distribution.** Russia: Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands (Iturup, Shikotan, Kunashir); Europe, China (Jilin), Japan (Hokkaido, Honshu) [Proshchalykin, Dathe, 2012].

*Hylaesus sinicola* Cockerell, 1924

*Hylaesus sinicola* Cockerell, 1924d: 275, ♀ (holotype: ♀, «Okeanskaja, Amur Gulf, Siberia» [Vladivostok, Primorskiy Terr.], 5.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaesus rinki* (Gorski, 1852) [Proshchalykin, Dathe, 2012: 19].

**Distribution.** See *Hylaesus atromicans*.

*Hylaesus transversalis* Cockerell, 1924

*Hylaesus transversalis* Cockerell, 1924d: 275, ♂ (holotype: ♂, «Okeanskaja, Siberia» [Vladivostok, Primorskiy Terr.], 5.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** Valid [Proshchalykin, Dathe, 2012].

**Distribution.** Russia: Primorskiy Terr., Kuril Islands (Kunashir); Japan (Hokkaido, Honshu, Shikoku, Kyushu, Tsushima) [Proshchalykin, Dathe, 2012].

*Hylaesus wilmattae* Cockerell, 1924

*Hylaesus wilmattae* Cockerell, 1924d: 280, ♀, ♂ (holotype: ♂, «Kudia River, Siberia» [Primorskiy Terr.], VI.1923, leg. W. Cockerell [NHML]).

**Current status.** A junior synonym of *Hylaesus confusus* Nylander, 1852 [Warncke, 1981: 157].

**Distribution.** Russia: European part, Tomsk Prov., Kemerovo Prov., Khakassia, Altai Republic, Zabaikalskiy Terr., Yakutia, Khabarovsk Terr., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Europe, Caucasus, Japan (Hokkaido, Honshu, Tsushima), China (Jilin, Xizang) [Proshchalykin, Dathe, 2012].

*Prosopis chasanensis* Romankova, 1995

*Prosopis chasanensis* Romankova in Osytshnjuk, Romankova, 1995: 486, ♀, ♂ (holotype: ♂, Kraskino, Primorskiy Terr., 19.V.1983, leg. A. Romankov [ZISP]).

**Current status.** A junior synonym of *Hylaesus aborigensis* Dathe, 1994 [Proshchalykin, Dathe, 2012: 7].

**Distribution.** See *Hylaesus aborigensis*.

*Prosopis impressifrons* Gussakovskij, 1932

*Prosopis impressifrons* Gussakovskij, 1932: 66, ♂ (holotype: ♂, Sedanka, Vladivostok, Primorskiy Terr., 20.VIII.1930 [ZISP]).

**Current status.** A junior synonym of *Hylaesus variegatus* (Fabricius, 1798) [Osytshnjuk, Romankova, 1995: 486].

**Distribution.** Russia: European part, Orenburg Prov., Tomsk Prov., Kemerovo Prov., Altai Terr., Omsk Prov., Tuva, Irkutsk Prov., Buryatia, Zabaikalskiy Terr., Khabarovsk Terr., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr.; Europe, Turkey, Armenia, Azerbaijan, Lebanon, Syria, Africa (Morocco, Algeria, Tunisia), Mongolia, China (Hebei) [Proshchalykin, Dathe, 2012].

*Prosopis nigrifacies* Gussakovskij, 1932

*Prosopis nigrifacies* Gussakovskij, 1932: 64, ♀, ♂ (syntypes: 4♀♀, 1♂, Sedanka, Vladivostok, Primorskiy Terr., 20.VIII.1930 [ZISP]).

**Current status.** A junior synonym of *Hylaesus pfankuchi* (Alfken, 1919) [Osytshnjuk, Romankova, 1995: 486].

**Distribution.** See *Hylaesus polevoiae*.

*Prosopis tamanukii* Yasumatsu, 1939

*Prosopis tamanukii* Yasumatsu, 1939: 69, ♀ (holotype: ♀, «Konuma» [Novoaleksandrovsk, Sakhalin], 12.VII.1929, leg. Tamanuki [probably lost]).

**Current status.** A junior synonym of *Hylaesus annulatus* (Linnaeus, 1758) [Proshchalykin et al., 2004: 155].

**Distribution.** Russia: European part, Tomsk Prov., Novosibirsk Prov., Altai Terr., Altai Republic, Khakassia, Tuva, Irkutsk Prov., Buryatiya, Zabaikalskiy Terr., Yakutia, Chukotka, Magadan Prov., Khabarovsk Terr., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Europe, South and North America [Proshchalykin, Dathe, 2012].

*Prosopis transversalis* Gussakovskij, 1932

*Prosopis transversalis* Gussakovskij, 1932: 65, ♂ (holotype: ♂, Vladivostok, Sedanka [Primorskiy Terr.] [RMSS]).

**Current status.** A junior synonym of *Hylaesus transversalis* Cockerell, 1924 [Proshchalykin, Dathe, 2012: 23].

**Distribution.** See *Hylaesus transversalis*.

Andrenidae

Andreninae

*Andrena amaguensis* Cockerell, 1924

*Andrena amaguensis* Cockerell, 1924c: 179 (holotype: ♀, «Kudia River, Amagu Valley, Siberia» [Primorskiy Terr.], VII.1923, leg. W. Cockerell [NHML]).

**Current status.** A junior synonym of *Andrena coitana* (Kirby, 1802) [Gusenleitner, Schwarz, 2002: 188].

**Distribution.** Russia: Altai, Irkutsk Prov., Zabaikalskiy Terr., Buryatia, Yakutia, Magadan Prov., Kamchatskiy Terr., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Shikotan, Kunashir, Iturup, Urup, Simushir, Ketoi, Paramushir); Europe, Caucasus, Kazakhstan, Kyrgyzstan, Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea, China (Xinjiang) [Proshchalykin, 2012].

*Andrena amurensis* Friese, 1922

*Andrena amurensis* Friese, 1922: 212, ♀, ♂ (type locality: «vom Amur» [Primorskiy Terr.], leg. Doerries, 1878 [MNBG]).

**Current status.** A junior synonym of *Andrena media* (Radoszkowski, 1891) [Gusenleitner et al., 2005: 448].

**Distribution.** Russia: Primorskiy Terr.; Korea, China (Jilin) [Proshchalykin, 2012].

*Andrena apicata kamtschatica* Alfken, 1929

*Andrena apicata* var. *kamtschatica* Alfken, 1929: 4, ♀ (holotype: ♀, Klyuchi, Kamchatka, 1.VI.1921 [RMSS]).

**Current status.** A junior synonym of *Andrena apicata* Smith, 1847 [Gusenleitner, Schwarz, 2002: 89].

**Distribution.** Russia: European part, Kamchatskiy Terr.; Europe [Proshchalykin, 2012].

*Andrena bonivuri* Osytshnjuk, 1984

*Andrena bonivuri* Osytshnjuk, 1984: 27 (holotype: ♀, Primorskiy Terr., Kedrovaya Pad' Nature Reserve, 4.VII.1963, leg. Zimina [ZMMU]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Zabaikalskiy Terr., Buryatia, Primorskiy Terr. [Proshchalykin, 2012].

*Andrena coitana pilosodorsata* Alfken, 1929

*Andrena coitana* var. *pilosodorsata* Alfken, 1929: 6, ♀, ♂ (holotype: ♀, Bogatyrevka, Avacha Bay, Kamchatka, 24–27.VII.1920 [MNBG]).

**Current status.** A junior synonym of *Andrena coitana* (Kirby, 1802) [Gusenleitner, Schwarz, 2002: 188].

**Distribution.** Russia: See *Andrena amaguensis*.

*Andrena epimelaena* Cockerell, 1924

*Andrena epimelaena* Cockerell, 1924c: 181, ♀ (holotype: ♂, «Okeanskaja, Siberia» [Primorskiy Terr., Vladivostok], 18.VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** A junior synonym of *Andrena denticulata* (Kirby, 1802) [Gusenleitner, Schwarz, 2002: 222].

**Distribution.** Russia: Khabarovsk Terr., Amurskaya Prov., Sakhalin, Kuril Islands (Shikotan, Kunashir), Zabaikalskiy Terr., Irkutsk Prov., Southern Ural; Western Europe, Kazakhstan, Mongolia, Japan (Hokkaido, Honshu, Shikoku), Korea, China (Shaanxi, Xinjiang, Jilin, Heilongjiang) [Proshchalykin, 2012].

*Andrena florea sachalinensis* Yasumatsu, 1939

*Andrena florea sachalinensis* Yasumatsu, 1939: 68 (holotype: ♀, «South Sakhalin, Konuma» [Novoaleksandrovsk], 17.VI.1931, leg. Khorii [HUMS]).

**Current status.** A junior synonym of *Andrena rosae* Panzer, 1801 [Osytsnjuk, 1995: 501].

**Distribution.** Russia: Siberia, Khabarovsk Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Kazakhstan, Mongolia, Japan (Hokkaido), Korea, China (Heilongjiang) [Proshchalykin, 2012].

*Andrena kamtschatkaensis* Friese, 1914

*Andrena kamtschatkaensis* Friese, 1914: 222, ♀, ♂ (syntypes: ♀, ♂, Kamchatka, «Dorfe Klutscheoskoi» [Kluchi], «Schluchl Schoki» [Sheheki Pass, Kamchatka River], 1909, leg. Riabuschinsky [MNBG]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Kamchatskiy Terr. [Proshchalykin, 2012].

*Andrena khabarovi* Osytshnjuk, 1986

*Andrena khabarovi* Osytshnjuk, 1986: 114 (holotype: ♀, Khabarovsk Terr., Komsomolsk on Amur, Silipskiy Park, 20.V.1976, leg. V. Mutin [ZISP]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Khabarovsk Prov., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

*Andrena khankensis* Osytshnjuk, 1995

*Andrena khankensis* Osytshnjuk, 1995: 499, ♀ (holotype: ♀, Primorskiy Terr., Kamen'-Rybolov, Khanka Lake, 5.IX.1978, leg. A. Osytshnjuk [IZKU]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

*Andrena khasania* Osytshnjuk, 1995

*Andrena khasania* Osytshnjuk, 1995: 493, ♀ (holotype: ♀, Primorskiy Terr., Khasan, Golubiniy Utes, 17.V.1983, leg. T. Romankova [IZKU]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

*Andrena kudiana* Cockerell, 1924

*Andrena kudiana* Cockerell, 1924c: 179, ♂ (syntypes: 2♂♂, «Kudia river, Siberia» [Primorskiy Terr.], VII.1923, leg. T. Cockerell [NHML]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

*Andrena lazoiana* Osytshnjuk, 1995

*Andrena lazoiana* Osytshnjuk, 1995: 495, ♀, ♂ (holotype: ♀, Primorskiy Terr., Lazovskiy Nature Reserve, Sukhoi Kluch, 13.VI.1981, leg. Yu. Pesenko [ZISP]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

*Andrena leleji* Osytshnjuk, 1982

*Andrena leleji* Osytshnjuk, 1982: 113, ♀, ♂ (holotype: ♀, Primorskiy Terr., Lazovskiy Nature Reserve, 30.V.1979, leg. T. Romankova [IZKU]).

**Current status.** A junior synonym of *Andrena fukuoken-sis* Hirashima, 1952 [Tadauchi, Xu, 2000: 80].

**Distribution.** Russia: Primorskiy Terr.; Japan (Honshu, Shikoku, Kyushu, Tsushima), Korea, North-Eastern China [Proshchalykin, 2012].

*Andrena maukensis* Matsumura, 1911

*Andrena maukensis* Matsumura, 1911: 107, ♀ (holotype: ♀, «South Sakhalin, Mauka» [Kholmsk]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Zabaikalskiy Terr., Yakutia, Kamchatskiy Terr., Khabarovsk Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Shikotan, Kunashir, Iturup); Japan (Hokkaido, Honshu, Kyushu) [Proshchalykin, 2012].

*Andrena meraca* Cockerell, 1924

*Andrena meraca* Cockerell, 1924c: 182, ♀ (holotype: ♀, «Kudia River, Siberia» [Primorskiy Terr.], VII.1923, leg. W. Cockerell [NHML]).

**Current status.** A junior synonym of *Andrena wilkella* (Kirby, 1802) [Tadauchi, Xu, 1999: 20].

**Distribution.** Russia: European part, Irkutsk Prov., Zabaikalskiy Terr., Buryatia, Yakutia, Amurskaya Prov., Pri-

morskiy Terr.; Europe, Turkey, Kazakhstan, Central Asia, China (Shanghai, Shanxi, Jiangsu, Xinjiang), North America [Proshchalykin, 2012].

*Andrena minutissima* Osytsnjuk, 1995

*Andrena minutissima* Osytsnjuk, 1995: 499, ♀, ♂ (holotype: ♀, Sakhalin, Kostromskoe, 16.VIII.1978, leg. A. Osytsnjuk [IZKU]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Khabarovsk Prov., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin [Proshchalykin, 2012].

*Andrena mutini* Osytsnjuk, 1986

*Andrena mutini* Osytsnjuk, 1986: 115, ♀, ♂ (holotype: ♀, Khabarovsk Terr., Komsomolsk on Amur, Pivan', 9.V.1977, leg. V. Mutin [ZISP]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Khabarovsk Prov., Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

*Andrena nova* Popov, 1940

*Andrena nova* Popov, 1940: 254–256, ♀ (syntypes: 4♀♀, Ust'-Kiran, Dureny [Buryatia], Peschanka [Zabaikalskiy Terr.], Blagoveshchensk [Amurskaya Prov.] [ZISP]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Zabaikalskiy Terr., Buryatia, Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

*Andrena romankovae* Osytsnjuk, 1995

*Andrena romankovae* Osytsnjuk, 1995: 501, ♀ (holotype: ♀, Primorskiy Terr., Khasan, Golubiniy Utes, 15.V.1983, leg. T. Romankova [IZKU]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

*Andrena semirugosa* Cockerell, 1924

*Andrena semirugosa* Cockerell, 1924c: 180 (holotype: ♀, «Kängaus, Siberia» [Primorskiy Terr., Anisimovka], VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Khabarovsk Prov., Jewish Autonomous Prov., Amurskaya Prov., Primorskiy Terr., Sakhalin, Kuril Islands (Kunashir); Japan (Hokkaido, Honshu, Shikoku, Kyushu, Ryukyu), Korea, China [Proshchalykin, 2012].

*Andrena sericea malasei* Alfken, 1929

*Andrena sericea* var. *malasei* Alfken, 1929: 5, ♀, ♂ (syntypes: 6♀♀, 18♂♂, Petropavlovsk, Klyuchi, Kamchatka [RMSS]).

**Current status.** A junior synonym of *Andrena barbilaris* (Kirby, 1802) [Gusenleitner, Schwarz, 2002: 114].

**Distribution.** Russia: European part, Zabaikalskiy Terr., Buryatia, Yakutia, Magadan Prov., Kamchatskiy Terr., Amurskaya Prov., Primorskiy Terr.; Europe, Mongolia, China (Heilongjiang, Jilin, Liaoning, Hebei, Jiangsu), North America [Proshchalykin, 2012].

*Andrena tatjanae* Osytsnjuk, 1995

*Andrena tatjanae* Osytsnjuk, 1995: 505, ♀, ♂ (holotype: ♀, Primorskiy Terr., Benevskoe, 28.V.1980, leg. T. Romankova [ZISP]).

**Current status.** Valid [Gusenleitner, Schwarz, 2002].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

Panurginae

*Panurginus alpotanini* Romankova et Astafurova, 2011

*Panurginus alpotanini* Romankova, Astafurova, 2011: 9, ♀, ♂ (holotype: ♂, Mongolia, Töv: Sutszunkte, Noin-Ula kurgans, near Selenge Aymak, 13–22.VI.1925, leg. P. Kozlov [ZISP]; paratypes: ♀, ♂, Russia, Khabarovsk Terr., Belyi Klyuch, 28.VII.1936, 27.VII.1936, leg. Snegirevskiy [ZISP]).

**Current status.** Valid [Romankova, Astafurova, 2011].

**Distribution.** Russia: Khabarovsk Terr.; Mongolia [Romankova, Astafurova, 2011].

*Panurginus arsenievi* Romankova et Astafurova, 2011

*Panurginus arsenievi* Romankova, Astafurova, 2011: 16, ♂ (holotype: ♂, Primorskiy Terr., Novitskoe, 20.VII.1984, leg. S. Belokobylskiy [ZISP]).

**Current status.** Valid [Romankova, Astafurova, 2011].

**Distribution.** Russia: Primorskiy Terr. [Romankova, Astafurova, 2011].

*Panurginus kropotkini* Romankova et Astafurova, 2011

*Panurginus kropotkini* Romankova, Astafurova, 2011: 23, ♀ (holotype: ♀, Primorskiy Terr., Barabash-Levada, 20.VII.1982, leg. A. Lelej [ZISP]).

**Current status.** Valid [Romankova, Astafurova, 2011].

**Distribution.** Russia: Primorskiy Terr. [Romankova, Astafurova, 2011].

Melittidae

Melittinae

*Cilissa amurensis* Radoszkowski, 1891

*Cilissa amurensis* Radoszkowski, 1891b: 240, ♀ (holotype: ♂, Vladivostok [Primorskiy Terr.] [ZISP]).

**Current status.** A junior synonym of *Andrena comta* Eversmann, 1852 [Gusenleitner et al., 2005: 442].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

*Cilissa media* Radoszkowski, 1891

*Cilissa media* Radoszkowski, 1891b: 240, ♀ (holotype: ♂, «Aux bords de la rivière Sidémi, non loin de Vladivostok» [Primorskiy Terr.], leg. M. Jankowski [ZISP]).

**Current status.** Valid, as *Andrena media* (Radoszkowski, 1891) [Gusenleitner et al., 2005].

**Distribution.** See *Andrena amurensis*.

*Cilissa minor* Radoszkowski, 1891

*Cilissa minor* Radoszkowski, 1891b: 241, ♀ (holotype: ♀, Vladivostok [Primorskiy Terr.] [ZISP]).

**Current status.** Valid, as *Andrena minor* (Radoszkowski, 1891) [Gusenleitner et al., 2005].

**Distribution.** Russia: Primorskiy Terr. [Proshchalykin, 2012].

*Cilissa thoracica* Radoszkowski, 1891

*Cilissa thoracica* Radoszkowski, 1891b: 239, ♀ (holotype: ♀, Vladivostok [Primorskiy Terr.] [ZISP]).

**Current status.** Valid, as *Andrena pseudothoracica* Engel, 2005 [Gusenleitner et al., 2005].

**Distribution.** Russia: Primorskiy Terr. [Engel, 2005].

*Macropis fulvipes amurensis* Popov, 1958

*Macropis fulvipes amurensis* Popov, 1958: 502, ♂ (holotype: ♂, Nizhne-Tambovskoe, Kul'ke River, Khabarovsk Terr., 28.VII.1911, leg. Soldatov [ZISP]).

**Current status.** Valid, as *Macropis dimidiata amurensis* Popov, 1958 [Ebmer, 2006].

**Distribution.** Russia: Zabaikalskiy Terr., Buryatia, Khabarovsk Prov., Amurskaya Prov., Primorskiy Terr. [Proshchalykin, 2012].

### *Melitta latronis* Cockerell, 1924

*Melitta latronis* Cockerell, 1924b: 596, ♂ (holotype: ♂, «Siberia, Kongaus» [Primorskiy Terr., Anisimovka], VIII.1923, leg. T. Cockerell [NHML]).

**Current status.** Valid [Michez, Eardley, 2007].

**Distribution.** Russia: Primorskiy Terr. [Cockerell, 1924b].

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