

**PROCEEDINGS OF THE ZOOLOGICAL INSTITUTE  
OF THE RUSSIAN ACADEMY OF SCIENCES**

**ANNOTATED CATALOGUE  
OF THE HYMENOPTERA OF RUSSIA**

**VOLUME I**

**SYMPHYTA AND APOCRITA: ACULEATA**



**SUPPLEMENT № 6, 2017**



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SAINT PETERSBURG  
2017

## SUPERFAMILY FORMICOIDEA

## Subfamily DOLICHODERINAE

## 69. FAMILY FORMICIDAE – ANTS

## D.A. DUBOVIKOFF AND Z.M. YUSUPOV

Ants are eusocial aculeate hymenopterous insects and currently include 13240 extant species belongs to 334 genera of 17 subfamilies and 738 fossil species from 151 genera of 14 subfamilies (3 subfamilies are known only by fossils) (Bolton, 2016). There are 1777 species in 97 genera of 11 subfamilies in the Palaearctic region (AntWeb, 2017). Ants, as eusocial insects, have a clear cast differentiation, e.g. sexual (females (queens) and males) and workers (or also soldiers). Colonies include one (or more in polygynous colonies) queen and from dozens to millions of workers. Ants are one of the most evolutionarily successful groups of invertebrates. They are of great importance in various ecosystems, primarily as effective predators, but also as consumers and distributors of plant seeds, play a significant role in soil formation and much more. Ants nesting is much different: in soil, leaf litter, dead wood, in epiphytes, different plants and with different special constructions like mounds. Synonymic and nomenclature data are given according to «An online catalog of the ants of the world» (Bolton, 2016). The total number of taxa is given excluding fossil and infraspecific taxa, unless explicitly indicated.

Sections for the genera *Leptothorax*, *Myrmica*, *Temnothorax* and most part of *Tetramorium* species were prepared by Z.M. Yusupov, the rest of the text was prepared by D.A. Dubovikoff.

Number of taxa: World – 485 genera, 13978 species (including fossils), Palaearctic – 94/1350, Russia – 44/264.

**R e f e r e n c e s.** Ruzsky, 1905, 1907; Karawajew, 1926; Kuznetsov-Ugamsky, 1929; Dlussky, Soyunov, Zabelin, 1990; Kupianskaya, 1990, 1995, 2012; Radchenko, 1991, 1992, 1996a, 1996b, 1997a,b,c,d, 2004, 2005a,b, 2016; Seifert, 1992, 2000, 2003, 2007, 2012; Arakelian, 1994; Czechowski et al., 2002; Dubovikoff, 2002, 2005; Csösz et al., 2007, 2010, 2015; Pfeiffer et al., 2007; Seifert, Schultz, 2009; Yusupov, 2009, 2014; Radchenko, Elmes, 2010; Czechowski et al., 2012; Douwes et al., 2012; Guénard, Dunn, 2012; Radchenko, Yusupov, 2012, 2017; Borowiec, 2014; Radchenko, Scupola, 2015; Radchenko et al., 2015; Bolton, 2016; Radchenko et al., 2016; Ward et al., 2016; AntWeb, 2017; Grebennikov, Zryanin, 2017; Dubovikoff, Yusupov, 2017.

Number of taxa: World – 28 genera, 707 species, Palaearctic – 8/53, Russia – 4/16.

**BOTHRIOMYRMEX** Emery, 1869. **Type species** *Bothriomyrmex costae* Emery, 1869. Temporary social parasites of *Tapinoma* species. Number of species: World – 24, Palaearctic – 22, Russia – 5.

**Bothriomyrmex anastasiae** Dubovikoff, 2002. Russia: **EP** (NC).

**Bothriomyrmex communista** Santschi, 1919 (*B. meridionalis* var. *communista* Santschi, 1919). Russia: **EP** (NC, CR). – Europe (WE, SE, EE).

**Bothriomyrmex corsicus** Santschi, 1923 (*B. meridionalis* var. *corsica* Santschi, 1923; *B. gallicus* Emery, 1925; *B. gibbus* Soudek, 1925; *B. menozzii* Emery, 1925). Russia: **EP** (NC, CR). – Europe (WE, SE, EE).

**Bothriomyrmex modestus** Radchenko, 1985. Russia: **EP** (S). – Europe (EE).

**Bothriomyrmex turcomenicus** Emery, 1925 (*B. syrius turcomenicus* Emery, 1925). Russia: **EP** (S, NC). – Turkmenistan, Kazakhstan.

**DOLICHODERUS** Lund, 1831 (*Hypoclinea* Mayr, 1855). **Type species** *Formica attelaboides* Fabricius, 1775. Number of species: World – 131, Palaearctic – 2, Russia – 2.

**Dolichoderus quadripunctatus** (Linnaeus, 1771) [*Formica*] (*Hypoclinea quadripunctata* (Linnaeus, 1771), auct.). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, NE, SE, EE), Armenia, Iran.

**Dolichoderus sibiricus** Emery, 1889 (*D. quadripunctatus sibiricus* Emery, 1889). Russia: **ES** (KS, KR, BR), **FE** (AM, KH, PR, KU). – Mongolia, China (NE, NC), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).

**LIOMETOPUM** Mayr, 1861. **Type species** *Formica microcephala* Panzer, 1798. Number of species: World – 7, Palaearctic – 3, Russia – 2.

**Liometopum microcephalum** (Panzer, 1798) [*Formica*]. Russia: **EP** (S, NC). – Europe (WE, SE, EE).

**Liometopum orientale** Karawajew, 1927 (*L. microcephalum* var. *orientalis* Karawajew, 1927). Russia: **FE** (PR). – Korean Peninsula.

**TAPINOMA** Förster, 1850. **Type species** *Tapinoma collina* Förster, 1850 = *T. erraticum* (Latreille, 1798). Number of species: World – 69, Palaearctic – 18, Russia – 7.

- Tapinoma christophi** Emery, 1925. Russia: **EP** (S).  
**Tapinoma emeryanum** Kuznetsov-Ugamsky, 1927 (*T. emeryanum dagestanicum* Kuznetsov-Ugamsky, 1927). Russia: **EP** (NC). – Turkmenistan, Kazakhstan.  
**Tapinoma erraticum** (Latreille, 1798) [Formica] (*T. breve* Emery, 1925; *T. tauridis* Emery, 1925). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, SE, EE), Caucasus, Turkmenistan, Kazakhstan.  
**Tapinoma kinburni** Karawajew, 1937. Russia: **EP** (C, S). – Europe (EE).  
**Tapinoma melanocephalum** (Fabricius, 1793) [Formica]. Tramp species. Russia: **EP** (Moscow, introduced). – Cosmopolitan.  
**Tapinoma sinense** Emery, 1925. Russia: **ES** (IR), **FE** (KH, PR). – Mongolia, China (NE, NC, NW, CC, SW, WP, SE), Korean Peninsula.  
**Tapinoma subboreale** Seifert, 2012 (*T. erraticum ambiguum* Emery, 1925; *T. ambiguum* Emery, 1925, auct.). Russia: **EP** (C, S, NC). – Europe (WE, NE, SE, EE).

#### Subfamily FORMICINAE

Number of taxa: World – 51 genera, 3050 species, Palaeartic – 23/382, Russia – 12/98.

- CAMPONOTUS** Mayr, 1861. Type species *Formica ligniperda* Latreille, 1802. Number of species: World – 1021, Palaeartic – 113, Russia – 16.  
**Camponotus (Camponotus) herculeanus** (Linnaeus, 1758) [Formica] (*C. herculeanus* var. *shitkovi* Ruzsky, 1904; *C. herculeanus* var. *altaica* Ruzsky, 1915; *C. herculeanus caucasicus* Arnoldi, 1967). Russia: **EP** (N, NW, C, E, NC), **UR**, **WS** (TM, OM, NS). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kyrgyzstan, Kazakhstan.  
**Camponotus (Camponotus) japonicus** Mayr, 1866 (*C. herculeanus* var. *aterrima* Emery, 1894; *C. herculeanus japonicus* var. *manczhuricus* Ruzsky, 1915; *C. japonicus* var. *sanguinea* Karawajew, 1929; *C. japonica* var. *miltotus* Wheeler, 1929; *C. japonica wui* Wheeler, 1929; *C. aterrimus* Emery, 1895; Kupianskaya, 2012). Russia: **ES** (KS, KR, IR, BR, ZB), **FE** (AM, KH, PR, SA, KU). – Mongolia, China (NE, NC, NW), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).  
**Camponotus (Camponotus) ligniperda** (Latreille, 1802) [Formica]. Russia: **EP** (N, NW, C, NC), **UR**. – Europe (WE, NE, SE, EE), Caucasus, Turkey.

- Camponotus (Camponotus) obscuripes** Mayr, 1879 (*C. herculeanus ligniperda* var. *obscuripes* Mayr, 1879). Russia: **FE** (SA, KU). – Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).  
**Camponotus (Camponotus) sachalinensis** Forel, 1904 (*C. herculeanus* var. *sachalinensis* Forel, 1904; *C. herculeanus* var. *wymperi* Forel, 1904; *C. herculeanus* var. *montana* Ruzsky, 1905 (part); *C. herculeanus* var. *altaica* Ruzsky, 1915; *C. herculeanus* var. *eudokiae* Ruzsky, 1926; *C. herculeanus* var. *jacutica* Karawajew, 1929). Russia: **WS** (AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (KH, PR, SA, KU, KA, MG). – Mongolia, China (NE), Korean Peninsula, Japan (Hok, Hon, Shi).  
**Camponotus (Camponotus) saxatilis** Ruzsky, 1895 (*C. herculeanus saxatilis* Ruzsky, 1895; *C. pennsylvanicus saxatilis* Ruzsky, 1905). Russia: **EP** (E, S), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, MG). – Mongolia, China (NE), Korean Peninsula.  
**Camponotus (Camponotus) vagus** (Scopoli, 1763) [Formica] (*C. vagus* var. *kodorica* Forel, 1913). Russia: **EP** (C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL). – Europe (WE, NE, SE, EE), N Africa, Turkey, Kazakhstan.  
**Camponotus (Myrmentoma) atricolor** (Nylander, 1849) [Formica] (*C. merula* Losana, 1834; *C. piceus* (Leach, 1825), part, auct.). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Iran, Kazakhstan.  
**Camponotus (Myrmentoma) fallax** (Nylander, 1856) [Formica] (*C. marginatus* Latreille, 1798 (part, auct.); *C. marginatus* var. *ruzskyi* Emery, 1898; *C. marginatus* var. *kamensis* Ruzsky, 1903). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Kazakhstan.  
**Camponotus (Myrmentoma) quadrinotatus** Forel, 1886 (*C. marginatus* var. *quadrinotatus* Forel, 1886; *C. marginatus* var. *rubicolor* Ruzsky, 1925; *C. maculatus quadrinotatus* var. *nigricolor* Ruzsky, 1925; *C. marginatus brunni* Ruzsky, 1926). Russia: **FE** (KH, PR). – China (NC, NW, CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).  
**Camponotus (Myrmentoma) interjectus** Mayr, 1877. Russia: **EP** (NC). – Israel, Iraq, Iran, Afghanistan, Central Asia.  
**Camponotus (Myrmentoma) lateralis** (Olivier, 1792) [Formica]. Russia: **EP** (NC, CR). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Iran, Turkmenistan.



- Camponotus (Tanaemyrmex) aethiops** (Latreille, 1798) [Formica] (*F. nigrata* Nylander, 1849; *Camponotus aethiops* var. *glaber* Emery, 1925). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Israel, Iran, Afghanistan, Central Asia, Kazakhstan.
- Camponotus (Tanaemyrmex) fedtschenkoi** Mayr, 1877 (*C. tichomirovi* Ruzsky, 1905; *C. fedtschenkoi* var. *adi* Stitz, 1930). Russia: **EP** (S, NC). – Armenia, Azerbaijan, Syria, Iran, Afghanistan, Turkmenistan, Uzbekistan, Kyrgyzstan, Kazakhstan.
- Camponotus (Tanaemyrmex) turkestanicus** Emery, 1887 (*C. sylvaticus* st. *turkestanicus* Emery, 1887; *C. attila* Stårcke, 1935). Russia: **EP** (S, NC). – Iran, Afghanistan, Turkmenistan, Uzbekistan, Kyrgyzstan, Kazakhstan.
- Camponotus (Tanaemyrmex) turkestanus** André, 1881 (*C. sylvaticus* var. *turkestanus* André, 1882; *C. ferganensis* Pisarski, 1967). Russia: **EP** (S, NC). – Israel, Iran, Afghanistan, Turkmenistan, Uzbekistan, Kyrgyzstan, Kazakhstan.
- CATAGLYPHIS** Förster, 1850. Type species *Cataglyphis fairmairei* Förster, 1850. Number of species: World – 91, Palaeartic – 65, Russia – 3.
- Cataglyphis aenescens** (Nylander, 1849) [Formica] (*Myrmecocystus cursor* r. *tancrei* Forel, 1901; *M. cursor* var. *caspius* Ruzsky, 1902; *M. altisquamis* var. *jakobsoni* Ruzsky, 1905; *Cataglyphis aenescens aterrima* Pisarski, 1967; *C. aenescens georgica* Arnoldi, 1968; *C. aenescens chatkalensis* Tarbinsky, 1976). Russia: **EP** (C, E, S, NC, CR), **UR**, **WS** (OM, NS, AL), **ES** (KS, TU, BR). – Europe (SE, EE), Caucasus, Turkey, Iran, Afghanistan, Central Asia, Kazakhstan, Mongolia, China (NE, NC, NW).
- Cataglyphis nodus** (Brullé, 1833) [Formica] (*Cataglyphis nodus caucasicola* Arnoldi, 1964). Russia: **EP** (NC). – Europe (SE, EE), Caucasus, Turkey, Israel, Saudi Arabia, Iran, United Arab Emirates, Afghanistan, Central Asia.
- Cataglyphis pallida** Mayr, 1877. Russia: **EP** (S, NC). – Afghanistan, Central Asia, Kazakhstan.
- COLOBOPSIS** Mayr, 1861. Type species *Formica truncata* Spinola, 1808. Number of species: World – 94, Palaeartic – 1, Russia – 1.
- Colobopsis truncatus** (Spinola, 1808) [Formica] (*Camponotus (Colobopsis) truncatus* (Mayr, 1861), auct.). Russia: **EP** (C, E, S, NC, CR). – Europe (WE, SE), N Africa, Caucasus, Turkey, Turkmenistan.
- FORMICA** Linnaeus, 1758. Type species *Formica rufa* Linnaeus, 1761. Number of species: World – 176, Palaeartic – 53, Russia – 32.
- Formica (Coptoformica) exsecta** Nylander, 1846 (*F. exsecta* var. *rubens* Forel, 1874; *F. nemoralis* Dlussky, 1964). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (IR, BR, ZB), **FE** (AM, KH, SA, KA, MG). – Europe (WE, NE, SE, EE), Mongolia, China (NE).
- Formica (Coptoformica) fennica** Seifert, 2000. Russia: **EP** (N, NC). – Europe (NE).
- Formica (Coptoformica) foreli** Bondroit, 1918 (*F. exsecta pressilabris* var. *foreli* Bondroit, 1918; *F. tamarae* Dlussky, 1964). Russia: **EP** (C, NC). – Europe (WE, NE, SE, EE), Turkey, Kazakhstan.
- Formica (Coptoformica) forsslundi** Lohmander, 1949 (*F. brunneonitida* Dlussky, 1964; *F. fossilabris* Dlussky, 1965). Russia: **EP** (N, C, NC), **ES** (TU). – Europe (WE, NE, EE).
- Formica (Coptoformica) manchu** Wheeler, 1929 (*F. exsecta* var. *manchu* Wheeler, 1929; *F. longiceps* Dlussky, 1964, nom. praeocc., nec Smith, 1863; *F. dlusskyi* Bolton, 1995). Russia: **ES** (BR, YA, ZB), **FE** (AM, PR). – Mongolia, China (NE), Korean Peninsula.
- Formica (Coptoformica) pisarskii** Dlussky, 1964. Russia: **ES** (BR, YA, ZB), **FE** (AM). – Mongolia.
- Formica (Coptoformica) pressilabris** Nylander, 1846 (*F. exsecta pressilabris* var. *rufomaculata* Ruzsky, 1895; *F. exsecta pressilabris* Kuznetsov-Ugamsky, 1928; *F. rufomaculata*: Kupianskaya, 1995). Russia: **EP** (N, NW, C, E, S, NC), **UR**, **WS** (AL), **ES** (IR, BR, ZB), **FE** (AM, KH, PR). – Europe (WE, NE, SE, EE), Turkey, Mongolia, China (NE), Korean Peninsula.
- Formica (Coptoformica) suecica** Adlerz, 1902. Russia: **EP** (N), **WS** (OM). – Europe (NE).
- Formica (Formica) aquilonia** Yarrow, 1955. Russia: **EP** (N, NW, C), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, KR, IR, BR, YA, ZB), **FE** (KH, PR, SA, MG). – Europe (WE, NE, SE, EE), Mongolia, China (NE), Korean Peninsula.
- Formica (Formica) kupyanskayae** Bolton, 1995 (*F. opaca* Kupianskaya, 1980, nom. praeocc., nec Nylander, 1856). Russia: **FE** (AM, KH, PR, SA). – Korean Peninsula.
- Formica (Formica) lugubris** Zetterstedt, 1838 (*F. congerens* Nylander, 1846; *F. rufa* var. *rufo-pratensis* Forel, 1874; *F. pratensis unicolor* Ruzsky, 1926; *F. rufa* var. *nylanderi* Bondroit, 1919). Russia: **EP** (N, NW, C), **UR**, **WS** (TM, OM, TK, NS, KM, AL),

- ES** (KR, IR, BR, YA, ZB), **FE** (KH, PR, KA, MG). – Europe (WE, NE, SE, EE), Mongolia, China (NE), Korean Peninsula.
- Formica (Formica) polycytena** Förster, 1850. Russia: **EP** (N, NW, C, E, S), **UR, WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, KR, IR, BR, YA, ZB). – Europe (WE, NE, SE, EE), Kazakhstan.
- Formica (Formica) pratensis** Retzius, 1783 (*F. pratensis* var. *ciliata* Ruzsky, 1926). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR, WS** (TM, OM, TK, NS, AL), **ES** (KR, IR, BR, ZB), **FE** (AM). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia, Kazakhstan, Mongolia, China (NE).
- Formica (Formica) rufa** Linnaeus, 1761 (*F. rufa* var. *meridionalis* Nasonov, 1889). Russia: **EP** (N, NW, C, E, S), **UR, WS** (TM, OM, NS, AL), **ES** (KS, KR, IR). – Europe (WE, NE, SE, EE), Turkey, Kazakhstan.
- Formica (Formica) truncorum** Fabricius, 1804 (*F. truncicola* Nylander, 1846; *F. rufa* var. *rufotruncicola* Ruzsky, 1896; *F. truncorum* var. *menozzii* Krausse, 1926). Russia: **EP** (N, NW, C, E, S, NC), **UR, WS** (TM, NS, AL), **ES** (KS, TU, KR, IR, BR, ZB), **FE** (AM, KH, PR, SA, KU). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Afghanistan, Central Asia, Kazakhstan, Mongolia, China (NE), Korean Peninsula, Japan (Hok).
- Formica (Formica) yessensis** Forel, 1901 (*F. truncicola* var. *yessensis* Forel, 1901). Russia: **FE** (PR). – China (NW, SE), Korean Peninsula, Japan (Hok, Hon).
- Formica (Raptiformica) sanguinea** Latreille, 1798 (*F. dominula* Nylander, 1846; *F. sanguinea* var. *fuscipes* Emery, 1895; *F. sanguinea* var. *mollesonae* Ruzsky, 1903; *F. sanguinea* var. *clarior* Ruzsky, 1905; *F. sanguinea arenicola* Kuznetsov-Ugamskij, 1928). Russia: **EP** (NW, C, E, S, NC, CR), **UR, WS** (OM, TK, NS, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, KU, MG). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Iran, Afghanistan, Kyrgyzstan, Kazakhstan, Mongolia, China (NE, NW, CC), Korean Peninsula, Japan (Hok, Hon).
- Formica (Serviformica) candida** F. Smith, 1878 (*F. fusca picea* var. *inplana* Ruzsky, 1914; *F. fusca picea* var. *orientalis* Ruzsky, 1914; *F. picea* auct.). Russia: **WS** (AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, KU, MG). – Kyrgyzstan, Kazakhstan, Mongolia, China (NE, NW, CC), Korean Peninsula, Japan (Hok, Hon, Kyu).
- Formica (Serviformica) cinerea** Mayr, 1853 (*F. cinerea* var. *armenica* Ruzsky, 1905; *F. imitans* Ruzsky, 1902, auct.). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR, WS** (TM, AL). – Europe (WE, NE, SE, EE), Caucasus, Kazakhstan.
- Formica (Serviformica) cinereofusca** Karawajew, 1929 (*F. cinerea* var. *cinereofusca* Karawajew, 1929). Russia: **EP** (NC). – Europe (SE, EE), Caucasus.
- Formica (Serviformica) clarissima** Emery, 1925 (*F. rufibarbis subpilosa* var. *clarior* Ruzsky, 1914, nom. praecox., nec Ruzsky, 1905; *F. rufibarbis* var. *clarissima* Emery, 1925; *F. subpilosa ruzskyi* Dlussky, 1965; Kupianskaya, 2012). Russia: **ES** (BR, ZB), **FE** (AM, KH). – Mongolia, China (NE).
- Formica (Serviformica) cunicularia** Latreille, 1798 (*F. cunicularia fuscoides* Dlussky, 1967). Russia: **EP** (C, E, S, NC, CR), **UR, WS** (OM, TK, NS, AL). – Europe (SE, EE), Caucasus, Turkey, Iran, Central Asia, Kazakhstan.
- Formica (Serviformica) fusca** Linnaeus, 1758. Russia: **EP** (N, NW, C, E, S, NC, CR), **UR, WS** (OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, ZB). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia, Kazakhstan, Mongolia, China (NE), N America (introduced).
- Formica (Serviformica) gagates** Latreille, 1798. Russia: **EP** (C, S, NC, CR). – Europe (WE, SE, EE), Georgia, Turkey.
- Formica (Serviformica) gagatoides** Ruzsky, 1904 (*F. fusca* var. *gagatoides* Ruzsky, 1904). Russia: **EP** (N, NW), **UR, WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (KH, KA, MG). – Europe (NE), Japan (Hon).
- Formica (Serviformica) glauca** Ruzsky, 1896 (*F. rufibarbis* var. *glauca* Ruzsky, 1896; *F. rufibarbis* var. *katuniensis* Ruzsky, 1915). Russia: **EP** (C, E, S, NC, CR), **UR, WS** (OM, TK, NS, KM, AL), **ES** (KS, KR, IR). – Europe (SE, EE), Caucasus, Turkey, Central Asia, Kazakhstan, Mongolia.
- Formica (Serviformica) japonica** Motschulsky, 1866 (*F. fusca* var. *nipponensis* Forel, 1901; *F. fusca* var. *japonica* Wheeler, 1913). Russia: **FE** (AM, PR, SA, KU). – Mongolia, China (NE, NC, NW, CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Formica (Serviformica) lemani** Bondroit, 1917 (*F. fusca* var. *borealis* Waschkeiwitsch, 1924). Russia: **EP** (N, NW, NC), **UR, WS** (TM, OM, TK, NS, KM, AL), **ES** (KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, KU, KA, MG, CH). – Europe (WE, NE, SE, EE), Mongolia, China (NE), Korean Peninsula, Japan (Hok, Hon, Shi).

- Formica (Serviformica) picea** Nylander, 1846 (*F. transcaucasica* Nasonov, 1889). Russia: **EP** (N, NW, C, E, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL). – Europe (WE, NE, SE, EE), Georgia, Armenia, Turkey, Kazakhstan.
- Formica (Serviformica) rufibarbis** Fabricius, 1793. Russia: **EP** (C, E, S, NC, CR), **UR**, **WS** (OM, TK, NS, KM, AL). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Iran.
- Formica (Serviformica) subpilosa** Ruzsky, 1902 (*F. rufibarbis subpilosa* Ruzsky, 1902; *F. cinerea* var. *bipilosa* Karawajew, 1926). Russia: **EP** (S, NC). – Caucasus, Central Asia.
- Formica (Serviformica) uralensis** Ruzsky, 1895. Russia: **EP** (C, NC), **UR**, **WS** (OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, ZB), **FE** (AM, PR, SA, KU). – Europe (WE, NE, EE), Mongolia, China (NE), Korean Peninsula.
- LASIVS** Fabricius, 1804. Type species *Formica nigra* Linnaeus, 1758. Number of species: World – 112, Palearctic – 55, Russia – 31.
- Lasius (Austrolasius) carnolicus** Mayr, 1861. Russia: **EP** (C, S), **UR**, **WS** (Radchenko, 2016), **ES** (Radchenko, 2016), **FE** (PR, SA). – Europe (WE, NE, SE, EE), Kazakhstan.
- Lasius (Cautolasius) flavus** (Fabricius, 1782) [Formica] (*L. flavus* var. *fuscoides* Ruzsky, 1902; *L. flavus odoratus* Ruzsky, 1905; *L. flavus* var. *olivacea* Karawajew, 1926). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, KU). – Europe (WE, NE, SE, EE), Caucasus, Iran, Kazakhstan, Korean Peninsula, Japan (Hok, Hon, Shi, Kyu), N America.
- Lasius (Chthonolasius) bicornis** (Förster, 1850) [Formica]. Russia: **EP** (C, E, S, NC). – Europe (WE, NE, SE, EE), Caucasus.
- Lasius (Chthonolasius) citrinus** Emery, 1922 (*L. affinis* Schenck, 1852, nom praeocc., nec Leach, 1825; *L. bicornis* var. *citrine* Emery, 1922; *L. affinis* auct.). Russia: **EP** (C, E, S, NC, CR), **ES** (BR), **FE** (AM, KH, PR, SA, KU). – Europe (WE, SE, EE), Caucasus, Kazakhstan, Korean Peninsula.
- Lasius (Chthonolasius) distinguendus** (Emery, 1916) [Formicina] (*F. umbrata distinguenda* Emery, 1916; *Lasius hybrida* (Bondroit, 1918)). Russia: **EP** (C, E, S, NC), **ES** (ZB), **FE** (AM, PR). – Europe (WE, SE, EE), Georgia, Armenia, Kazakhstan, Mongolia, Korean Peninsula.
- Lasius (Chthonolasius) jensi** Seifert, 1982 (*L. umbratus*: Kupianskaya, 1995). Russia: **FE** (AM, PR). – Europe (WE, EE), Armenia, Korean Peninsula.
- Lasius (Chthonolasius) longiceps** Seifert, 1988. Russia: **EP** (C, S), **UR**. – Europe (EE), Kazakhstan.
- Lasius (Chthonolasius) meridionalis** (Bondroit, 1920) [Formicina]. Russia: **EP** (C, S, NC), **FE** (PR). – Europe (WE, NE, SE, EE), Georgia, Armenia, Kazakhstan, Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Lasius (Chthonolasius) mixtus** (Nylander, 1846) [Formica]. Russia: **EP** (NW, C, E, S, NC, CR), **WS** (TM, OM, TK, NS, KM, AL), **ES** (ZB), **FE** (AM, KH, PR). – Europe (WE, SE, EE), Georgia, Armenia, Kazakhstan, Korean Peninsula.
- Lasius (Chthonolasius) sabularum** (Bondroit, 1918) [Formicina]. Russia: **EP** (C, S, NC), **ES** (IR). – Europe (WE, NE, SE, EE).
- Lasius (Chthonolasius) umbratus** (Nylander, 1846) [Formica] (*L. umbratus* var. *exacutus* Ruzsky, 1902). Russia: **EP** (NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (ZB), **FE** (AM, PR, SA, KU). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan, Korean Peninsula, Japan (Hok, Hon, Shi, Kyu), N America.
- Lasius (Dendrolasius) capitatus** (Kuznetsov-Ugamsky, 1928) [Acanthomyops] (*A. fuliginosus capitatus* Kuznetsov-Ugamsky, 1928). Russia: **FE** (PR). – Japan (Hok, Hon, Shi).
- Lasius (Dendrolasius) fuji** Radchenko, 2005 (*L. fuliginosus*: Kupianskaya, 1995). Russia: **FE** (AM, KH, PR, SA, KU). – China (NE), Korean Peninsula, Japan (Hok, Hon, Shi).
- Lasius (Dendrolasius) fuliginosus** (Latreille, 1798) [Formica]. Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (OM, TK, NS, KM, AL). – Europe (WE, NE, SE, EE), Caucasus, Kazakhstan.
- Lasius (Dendrolasius) morisitai** Yamauchi, 1978. Russia: **FE** (PR). – Korean Peninsula, Japan (Hon).
- Lasius (Dendrolasius) nipponensis** Forel, 1912 (*L. fuliginosus* var. *nipponensis* Forel, 1912; *L. crispus* Wilson, 1955). Russia: **FE** (PR). – Korean Peninsula, Japan (Hok, Hon, Shi).
- Lasius (Dendrolasius) orientalis** Karawajew, 1912 (*L. fuliginosus* var. *orientalis* Karawajew, 1912; *L. teranishii* Wheeler, 1928; *L. ouchii* Teranishi, 1940). Russia: **FE** (AM, PR, SA, KU). – Korean Peninsula, Japan (Hok, Hon).
- Lasius (Dendrolasius) spathepus** Wheeler, 1910. Russia: **FE** (PR). – Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).



- Lasius (Lasius) alienus** (Förster, 1850) [Formica]. Russia: **EP** (NW, C, E, S, NC, CR), **UR**, **WS** (OM, TK, NS, KM, AL), **ES** (BR, ZB), **FE** (AM, KH, PR, SA). – Europe, Caucasus, Turkey, Israel, Iran, Kazakhstan, Mongolia, Japan (Hok, Hon, Shi, Kyu), N America.
- Lasius (Lasius) brunneus** (Latreille, 1798) [Formica]. Russia: **EP** (C, E, S, NC, CR). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Israel, Iran.
- Lasius (Lasius) emarginatus** (Olivier, 1792) [Formica] (*L. alienus* var. *pontica* Stårcke, 1944). Russia: **EP** (C, S, NC, CR). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Israel, Iran.
- Lasius (Lasius) hayashi** Yamauchi et Hayashida, 1970. Russia: **FE** (KU). – Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Lasius (Lasius) japonicus** Santschi, 1941 (*L. emarginatus* var. *japonicus* Santschi, 1941; *L. niger*: Kupianskaya, 1995). Russia: **FE** (AM, KH, PR, SA, KU). – Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Lasius (Lasius) neglectus** Van Loon, Boomsma et Andrasfalvy, 1990. Russia: **EP** (S, NC, CR). – Europe (WE, SE, EE), Turkey, Israel, Iran, Uzbekistan, Kyrgyzstan.
- Lasius (Lasius) niger** (Linnaeus, 1758) [Formica] (*L. niger* var. *alienonigra* Forel, 1874). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (BR, ZB). – Europe (WE, NE, SE, EE), Kazakhstan, Mongolia, N America.
- Lasius (Lasius) koreanus** Seifert, 1982. Russia: **FE** (KU). – Korean Peninsula.
- Lasius (Lasius) obscuratus** Stitz, 1930 (*L. brunneus* var. *obscurata* Stitz, 1930). Russia: **EP** (NC). – Tajikistan.
- Lasius (Lasius) paralienus** Seifert, 1992. Russia: **EP** (C, S, NC, CR). – Europe (WE, NE, SE, EE), Turkey.
- Lasius (Lasius) platythorax** Seifert, 1991. Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL). – Europe (WE, NE, SE, EE), Iran.
- Lasius (Lasius) psammophilus** Seifert, 1992. Russia: **EP** (C, S, NC, CR). – Europe (WE, NE, SE, EE).
- Lasius (Lasius) turcicus** Santschi, 1921. Russia: **EP** (NC). – Europe (WE, SE, EE), Georgia, Turkey, Iran.
- LEPISIOTA** Santschi, 1926 (*Acantholepis* Mayr, 1861). Type species *Plagiolepis rothneyi* Forel, 1894. Number of species: World – 83, Palaeartic – 25, Russia – 1.
- Lepisiota semenovi** Ruzsky, 1905 [Acantholepis] (*Acantholepis frauenfeldi* var. *semenovi* Ruzsky, 1905). Russia: **EP** (NC). – Europe (SE, EE), Caucasus, Turkey, Iran, Central Asia, Kazakhstan.
- NYLANDERIA** Emery, 1906. Type species *Formica vividula* Nylander, 1846. Number of species: World – 110, Palaeartic – 9, Russia – 3.
- Nylanderia colchica** (Pisarski, 1960) [Paratrechina]. Russia: **EP** (NC). – Abkhazia, Georgia.
- Nylanderia flavipes** (Smith, 1874) [Tapinoma]. Russia: **EP** (NC, introduced), **FE** (KU). – Abkhazia (introduced), China (NE, NC, CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu, Ryu).
- Nylanderia vividula** (Nylander, 1846) [Formica]. Russia: **EP** (C, S, NC, CR) (introduced). – Tramp species. Copsopolitan.
- PLAGIOLEPIS** Mayr, 1861. Type species *Formica pygmaea* Latreille, 1798. Number of species: World – 62, Palaeartic – 14, Russia – 3.
- Plagiolepis karawajewi** Radchenko, 1989. Russia: **EP** (CR).
- Plagiolepis pallescens** Forel, 1889. Russia: **EP** (NC). – Europe (SE, EE), N Africa, Caucasus, Turkey, Central Asia.
- Plagiolepis taurica** Santschi, 1920 (*P. maura* var. *taurica* Santschi, 1920; *P. barbara* var. *pyrenaica* Emery, 1921; *P. satunini* Karawajew, 1931). **EP** (C, E, S, NC, CR). – Europe (WE, SE, EE), Caucasus, Iran, Central Asia, Kazakhstan.
- POLYERGUS** Latreille, 1804. Type species *Formica rufescens* Latreille, 1798. Number of species: World – 14, Palaeartic – 3, Russia – 3.
- Polyergus nigerrimus** Marikovskiy, 1963. Russia: **ES** (TU, BR), **FE** (KH). – Mongolia.
- Polyergus rufescens** (Latreille, 1798) [Formica]. Russia: **EP** (C, E, S, NC, CR), **UR**, **WS** (OM, AL). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kyrgyzstan, Kazakhstan.
- Polyergus samurai** Yano, 1911. Russia: **FE** (AM, PR). – China (NE, NC, CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- PRENOLEPIS** Mayr, 1861. Type species *Tapinoma nitens* Mayr, 1853. Number of species: World – 13, Palaeartic – 1, Russia – 1.
- Prenolepis nitens** (Mayr, 1853) [Tapinoma]. Russia: **EP** (NC, CR). – Europe (WE, SE, EE), Georgia, Turkey.



**PROFORMICA** Ruzsky, 1902. Type species *Formica nasuta* Nylander, 1856. Number of species: World – 25, Palaeartic – 25, Russia – 3.

**Proformica epinotalis** Kuznetsov-Ugamsky, 1927. Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (EE), Iran, Turkmenistan, Kyrgyzstan, Kazakhstan.

**Proformica mongolica** (Emery, 1901) [Formica]. Russia: **ES** (KS, TU, KR, IR, BR, ZB). – Kyrgyzstan, Kazakhstan, Mongolia, China (NE, NC, NW), Korean Peninsula.

**Proformica ossetica** Dubovikoff, 2005. Russia: **EP** (NC).

**ROSSOMYRMEX** Arnoldi, 1928. Type species *Rossomyrmex proformicarum* Arnoldi, 1928. Number of species: World – 4, Palaeartic – 4, Russia – 1.

**Rossomyrmex proformicarum** Arnoldi, 1928. Russia: **EP** (S, NC). – Kazakhstan.

#### Subfamily MYRMICINAE

Number of taxa: World – 142 genera, 6605 species, Palaeartic – 34/1000, Russia – 23/142.

**ANERGATES** Forel, 1874. Type species *Myrmica atratula* Schenck, 1852. The social parasites of *Tetramorium* species. Number of species: World – 1, Palaeartic – 1, Russia – 1.

**Anergates atratulus** (Schenck, 1852) [Myrmica]. The social parasite of *Tetramorium caespitum*. Russia: **EP** (C, S, NC, CR). – Europe (WE, NE, SE, EE), Armenia, Turkey, Kazakhstan, N America (introduced).

**APHAENOGASTER** Mayr, 1853. Type species *Aphaenogaster sardoa* Mayr, 1853. Number of species: World – 187, Palaeartic – 78, Russia – 8.

**Aphaenogaster famelica** (Smith, 1874) [Ischnomyrmex] (*A. famelica frontosa* Wheeler, 1928; *A. famelica ruida* Wheeler, 1928; *A. vapida* Wheeler, 1928). Russia: **FE** (KU). – China (CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).

**Aphaenogaster gibbosa** (Latreille, 1798) [Formica] (*A. striola* (Roger, 1859); *A. gibbosa muschtaidica* Emery, 1908). Russia: **EP** (NC). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Israel, Iraq, Iran, Turkmenistan.

**Aphaenogaster japonica** Forel, 1911 (*A. schmitzi japonica* Forel, 1911; *A. smythiesii sinensis* Wheeler,

1928; *A. sinensis*: Kupianskaya, 1995). Russia: **FE** (KU). – China (CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).

**Aphaenogaster kurdica** Ruzsky, 1905 (*A. subterranea* var. *kurdica* Ruzsky, 1905). Russia: **EP** (NC). – Georgia, Turkey.

**Aphaenogaster obsidiana** (Mayr, 1861) [Atta]. Russia: **EP** (NC). – Europe (SE), Georgia, Turkey.

**Aphaenogaster splendida** (Roger, 1859) [Atta] (*Aphaenogaster splendida transcaucasica* Karawajew, 1926). Russia: **EP** (NC, CR). – Europe (SE), N Africa, Armenia, Azerbaijan, Turkey, Israel, Iran.

**Aphaenogaster subterranea** (Latreille, 1798) [Formica]. Russia: **EP** (NC, CR). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey.

**Aphaenogaster subterraneoides** Emery, 1881 (*A. pallida* var. *subterraneoides* Emery, 1881). Russia: **EP** (NC, CR). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey.

**CARDIOCONDYLA** Emery, 1869. Type species *Cardiocondyla elegans* Emery, 1869. Number of species: World – 70, Palaeartic – 31, Russia – 5.

**Cardiocondyla koshewnikovi** Ruzsky, 1902. Russia: **EP** (S, NC). – Kyrgyzstan, Kazakhstan, Mongolia, China (NW).

**Cardiocondyla mauritanica** Forel, 1890 (*C. nuda* var. *mauritanica* Forel, 1890). Russia: **EP** (CR). – Europe (SE), N Africa, Afghanistan, Turkey, introduced into many countries.

**Cardiocondyla sahlbergi** Forel, 1913 (*C. elegans* var. *sahlbergi* Forel, 1913). Russia: **EP** (NC). – Europe (EE), N Africa, Caucasus, Turkey, Israel, Iran, Uzbekistan.

**Cardiocondyla stambuloffii** Forel, 1892 (*C. bogdanovi* Ruzsky, 1905; *C. stambuloffii taurica* Karawajew, 1927). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (SE, EE), Armenia, Turkey, Iran.

**Cardiocondyla ulianini** Emery, 1889 (*C. elegans* Emery, 1869, auct.; *C. elegans* var. *ulianini* Emery, 1889; *C. elegans schkaffi* Arnoldi, 1928). Russia: **EP** (E, S, NC, CR). – Europe (EE), Caucasus, Saudi Arabia, Iran, Afghanistan, Kyrgyzstan, Kazakhstan, Mongolia.

**CHALEPOXENUS** Menozzi, 1923 (*Leonomyrma* Arnoldi, 1968). Type species *Chalepoxenus gribodoi* Menozzi, 1923. The social parasites of *Temnothorax* species. Number of species: World – 9, Palaeartic – 9, Russia – 1.

- Chalepoxenus tauricus** Radchenko, 1989. The social parasite of *Temnothorax tauricus*. Russia: **EP** (CR).
- CREMATOGASTER** Lund, 1831. Type species *Formica scutellaris* Olivier, 1792. Number of species: World – 506, Palaeartic – 36, Russia – 3.
- Crematogaster schmidti** (Mayr, 1853) [Acrocoelia]. Russia: **EP** (CR, NC). – Europe (WE, SE, EE), Caucasus, Turkey, Iran, Turkmenistan.
- Crematogaster sordidula** (Nylander, 1849) [Myrmica] (*C. sordidula* var. *caspica* Emery, 1912). Russia: **EP** (NC). – Europe (WE, SE, EE), Caucasus, Turkey, Israel, Iran, Turkmenistan.
- Crematogaster subdentata** Mayr, 1877. Russia: **EP** (S introduced, NC, CR introduced). – Caucasus, Turkey, Iran, Afghanistan, Central Asia, Kazakhstan, Mongolia.
- FORMICOXENUS** Mayr, 1855. Type species *Myrmica nitidula* Nylander, 1846. The social parasite species, in nest of *Formica* s. str. (xenobiotic). Number of species: World – 7, Palaeartic – 2, Russia – 2.
- Formicoxenus nitidulus** (Nylander, 1846) [Myrmica] (*F. laeviuscula* Förster, 1850). Russia: **EP** (NW, C, E, NC), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (IR, YA, ZB), **FE** (KH, PR). – Europe (WE, NE, SE, EE), Turkey.
- Formicoxenus sibiricus** (Forel, 1899) [Leptothorax] (*F. orientalis* Dlussky, 1963). Russia: **ES** (BR, ZB), **FE** (PR).
- HARPAGOXENUS** Forel, 1893 (*Tomognathus* Mayr, 1861). Type species *Myrmica sublaevis* Nylander, 1849. The social parasites of *Leptothorax* species (dulosis). Number of species: World – 3, Palaeartic – 1, Russia – 1.
- Harpagoxenus sublaevis** (Nylander, 1852) [Myrmica] (*M. hirtula* Nylander, 1849). The social parasite of *Leptothorax acervorum*. Russia: **EP** (N, NW, C, E, NC), **UR**, **ES** (BR, ZB), **FE** (PR). – Europe (WE, NE, SE, EE).
- LEPTOTHORAX** Mayr, 1855. Type species *Formica acervorum* Fabricius, 1793. Number of species: World – 19, Palaeartic – 9, Russia – 6.
- Leptothorax acervorum** (Fabricius, 1793) [Formica] (*L. acervorum* var. *superus* Ruzsky, 1905; *L. acervorum* var. *nigrescens* Ruzsky, 1905; *L. acervorum kamtschaticus* Ruzsky, 1920; *Mychothorax acervorum orientalis* Kuznetzov-Ugamsky, 1928). Russia: **EP** (N, NW, C, E, NC), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia, Kazakhstan, Mongolia, China (NE, NC), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Leptothorax grederi** Mayr, 1855. Russia: **EP** (NC). – Europe (WE, NE, SE, EE).
- Leptothorax muscorum** (Nylander, 1846) [Myrmica] (*L. muscorum* var. *fagi* Ruzsky, 1905; *L. muscorum* var. *betulae* Ruzsky, 1916). Russia: **EP** (N, NW, C, E, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Mongolia, China (NE, NC).
- Leptothorax oceanicus** (Kuznetzov-Ugamsky, 1928) [Mychothorax] (*L. muscorum oceanicum*: Kupianskaya, 1990). Russia: **FE** (AM, KH, PR). – China (NE), Korean Peninsula.
- Leptothorax pacis** (Kutter, 1945) [Doronomyrmex]. Russia: **EP** (N), **WS** (KM). – Europe (WE, NE, SE).
- Leptothorax scamni** Ruzsky, 1905 (*L. muscorum* var. *scamni* Ruzsky, 1905). Russia: **EP** (NC). – Caucasus, Turkey.
- MANICA** Jurine, 1807. Type species *Formica rubida* Latreille, 1802. Number of species: World – 6, Palaeartic – 2, Russia – 1.
- Manica rubida** (Latreille, 1802) [Formica]. Russia: **EP** (NC, CR). – Europe (WE, SE, EE), Georgia, Armenia, Turkey.
- MESSOR** Forel, 1890. Type species *Formica barbara* Linnaeus, 1767. Number of species: World – 106, Palaeartic – 69, Russia – 4.
- Messor aciculatus** (Smith, 1874) [Aphaenogaster]. Russia: **FE** (PR). – Mongolia, China (NE, NC, NW), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Messor denticulatus** Kuznetzov-Ugamsky, 1927 (*M. barbarus meridionalis* var. *denticulatus* Kuznetzov-Ugamsky, 1927). Russia: **EP** (S, NC). – Caucasus, Iran, Central Asia, Kazakhstan.
- Messor kasakorum** Arnoldi, 1970 (*M. kasakorum nadezhdae* Arnoldi, 1970). Russia: **EP** (S). – Kazakhstan.
- Messor structor** (Latreille, 1798) [Formica] (*Myrmica mutica* Nylander, 1849; *Messor structor* var. *clivorum* Ruzsky, 1905; *M. tataricus* Ruzsky, 1905; *M. structor turanicus* Kuznetzov-Ugamsky, 1927;

*M. rufitarsis jakowlevi* Arnoldi, 1977; *M. clivorum* auct., *M. rufitarsis* auct.). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, SE, EE), Caucasus, Israel, Iran, Afghanistan, Central Asia, Kazakhstan.

**MONOMORIUM** Mayr, 1855. Type species *Monomorium monomorium* Bolton, 1987, replacement name for *Monomorium minutum* Mayr, 1855. Number of species: World – 358, Palaeartic – 76, Russia – 2.

**Monomorium barbatulum** Mayr, 1877. Russia: **EP** (S). – Israel, Saudi Arabia, Iran, Oman, United Arab Emirates, Afghanistan, Turkmenistan, Kyrgyzstan, Kazakhstan.

**Monomorium pharaonis** (Linnaeus, 1758) [Formica]. Synanthropic species with cosmopolitan distribution, in Russia only in heated rooms. Russia, introduced. – Cosmopolitan.

**MYRMECINA** Curtis, 1829. Type species *Myrmecina latreillii* Curtis, 1829. Number of species: World – 53, Palaeartic – 7, Russia – 2.

**Myrmecina graminicola** (Latreille, 1802) [Formica] (*Myrmica striatula* Nylander, 1849). Russia: **EP** (C, E, S, NC, CR). – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Israel.

**Myrmecina nipponica** Wheeler, 1906 (*M. graminicola nipponica* Wheeler, 1906; *M. graminicola*: Kupianskaya, 1995). Russia: **FE** (AM, KH, PR, KU). – China (SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).

**MYRMICA** Latreille, 1804. Type species *Formica rubra* Linnaeus, 1758. Number of species: World – 188, Palaeartic – 75, Russia – 44.

**Myrmica ademonia** Bolton, 1995 (replacement name for *M. aspersa* Kupianskaya, 1990). Russia: **FE** (KH, PR, KU). – Korean Peninsula.

**Myrmica angulinodis** Ruzsky, 1905 (*M. scabrinodis angulinodis* Ruzsky, 1905; *M. incurvata* Collingwood, 1976; *M. baikalensis* Dmitrienko, 1979; *M. kasczenkoi*: Kupianskaya, 1979; *M. forcipata*: Kupianskaya, 1990). Russia: **WS** (NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, MG). – Mongolia, China (NE), Korean Peninsula.

**Myrmica arnoldii** Dlussky, 1963. Russia: **ES** (TU, KR, IR, BR, ZB). – Mongolia.

**Myrmica bakurianica** Arnoldi, 1970 (*M. pilosiscapus bakurianica* Arnoldi, 1970). Russia: **EP** (NC). – Georgia.

**Myrmica bergi** Ruzsky, 1902 (*M. rugosa* var. *kirgisisa* Ruzsky, 1903; *M. bergi* var. *barchanica* Ruzsky, 1905; *M. bergi* var. *fortior* Crawley, 1920; *M. kamyshiensis* Arnoldi, 1934; *M. bergi persiana* Weber, 1947). Russia: **EP** (S, NC, CR), **WS** (AL). – Europe (EE), Azerbaijan, Iran, Central Asia.

**Myrmica commarginata** Ruzsky, 1905. Russia: **ES** (KR, BR, ZB). – Mongolia.

**Myrmica deplanata** Emery, 1921 (*M. lobicornis* var. *deplanata* Emery, 1921; *M. moravica* Soudek, 1922; *M. lobicornis* var. *plana* Karawajew, 1927; *M. moravica* var. *dagmarae* Sadil, 1939). Russia: **EP** (C, S, NC, CR), **WS** (AL). – Europe (WE, SE, EE), Caucasus, Iran, Central Asia.

**Myrmica displicentia** Bolton, 1995 (*M. bicolor* Kupianskaya, 1986). Russia: **FE** (MG, KA).

**Myrmica divergens** Karawajew, 1931 (*M. bergi* var. *divergens* Karawajew, 1931). Russia: **WS** (AL), **ES** (KR, IR, BR, YA, ZB). – Mongolia.

**Myrmica eidmanni** Menozzi, 1930 (*M. lobicornis littoralis* Weber, 1948). Russia: **WS** (AL), **ES** (KS, TU, KR, IR, BR, ZB), **FE** (AM, KH, PR). – Mongolia, China (NE), Korean Peninsula.

**Myrmica elbrusi** Radchenko et Yusupov, 2012. Russia: **EP** (NC).

**Myrmica excelsa** Kupianskaya, 1990 (*M. sinica* Wu et Wang, 1995; *M. cadusa* B. Kim, Park et J. Kim, 1997). Russia: **FE** (PR). – China (NE), Korean Peninsula, Japan (Hok, Hon).

**Myrmica forcipata** Karawajew, 1931. Russia: **ES** (KR, IR, BR, YA, ZB). – Mongolia.

**Myrmica gallienii** Bondroit, 1920 (*M. rugulosa limanica* Arnoldi, 1934; *M. jacobsoni* Kutter, 1963; *M. limanica obensis* Arnoldi, 1970). Russia: **EP** (NW, C, E, S, NC, CR), **UR**, **WS** (Radchenko, Elmes, 2010). – Europe (WE, NE, EE).

**Myrmica hellenica** Finzi, 1926 (*M. rugulosa* var. *hellenica* Finzi, 1926; *M. rugulosa* var. *rugulososcabrinodis* Karawajew, 1929; *M. rugulosa caucasica* Arnoldi, 1934). Russia: **EP** (NC, CR). – Europe (SE, EE), Caucasus, Turkey.

**Myrmica hirsuta** Elmes, 1978. Russia: **EP** (C). – Europe (WE, NE, SE, EE).

**Myrmica jennyae** Elmes, Radchenko et Aktac, 2002. Russia: **EP** (NC). – Turkey.

**Myrmica kamtschatica** Kupianskaya, 1986 (*M. aboriginica* Zhigulskaya, 1991). Russia: **WS** (KM, AL), **ES** (Radchenko, Elmes, 2010), **FE** (AM, KH, PR, MG, KA). – Mongolia, Korean Peninsula.



- Myrmica karavajevi** (Arnoldi, 1930) [Symbiomyrma] (*Sifolinia karavajevi* Arnoldi, 1930). Russia: **EP** (NW, C). – Europe (WE, NE, SE, EE).
- Myrmica kasczenkoi** Ruzsky, 1905 (*M. scabrinodis kasczenkoi* Ruzsky, 1905). Russia: **WS** (KM, AL), **ES** (KS, TU, KR, IR, BR, ZB). – Mongolia.
- Myrmica koreana** Elmes, Radchenko et Kim, 2001. Russia: **WS** (KM, AL), **ES** (KS, TU, KR, IR, BR, ZB), **FE** (AM, KH, PR). – Kazakhstan, Mongolia, China (NE), Korean Peninsula.
- Myrmica kotokui** Forel, 1911 (*M. rubra kotokui* Forel, 1911; *M. ruginodis orientalis* Karawajew, 1926; *M. orientalis*: Kupianskaya, 1990). Russia: **FE** (PR). – China (NE), Korean Peninsula, Japan (Hok, Hon).
- Myrmica kozakorum** Radchenko et Elmes, 2010. Russia: **EP** (S, NC, CR). – Europe (EE).
- Myrmica kurokii** Forel, 1907 (*M. rubra kurokii* Forel, 1907). Russia: **FE** (PR). – China (NE, NC), Korean Peninsula, Japan (Hok, Hon).
- Myrmica lobicornis** Nylander, 1846 (*M. lobicornis alpestris* Arnoldi, 1934). Russia: **EP** (N, NW, C, E, NC), **UR**, **WS** (Radchenko, 2016), **ES** (KS, TU, KR, IR, BR, YA, ZB). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan, Mongolia.
- Myrmica lonae** Finzi, 1926 (*M. scabrinodis lonae* Finzi, 1926). Russia: **EP** (N, NW, C, E), **UR**, **WS** (Radchenko, 2016), **ES** (BR). – Europe (WE, NE, SE, EE), Turkey, Kazakhstan.
- Myrmica luteola** Kupianskaya, 1990. Russia: **FE** (PR). – China (NE), Korean Peninsula, Japan (Hok, Hon).
- Myrmica pisarskii** Radchenko, 1994. Russia: **WS** (KM, AL), **ES** (KS, TU, KR, IR, BR, ZB). – Mongolia.
- Myrmica ravasinii** Finzi, 1923. Russia: **EP** (NC). – Europe (SE), Georgia, Armenia, Turkey.
- Myrmica rubra** (Linnaeus, 1758) [Formica] (*M. laevinodis* Nylander, 1846; *M. longiscapus* Curtis, 1854; *M. laevinodis* var. *europa* Finzi, 1926; *M. laevinodis* var. *bruesi* Weber, 1947; *M. microrubra* Seifert, 1993). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia.
- Myrmica ruginodis** Nylander, 1846 (*M. diluta* Nylander, 1849). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (TM, OM, TK, NS, KM, AL), **ES** (KS, TU, KR, IR, BR, YA, ZB), **FE** (AM, KH, PR, SA, KU). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan, Mongolia, China (NE, NC), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Myrmica rugulosa** Nylander, 1849. Russia: **EP** (NW, C, E, NC, CR), **UR**. – Europe (WE, NE, SE, EE), Caucasus.
- Myrmica sabuleti** Meinert, 1861. Russia: **EP** (C, E, S, NC, CR), **UR**, **WS** (Radchenko, 2016). – Europe (WE, NE, SE, EE), Caucasus, Turkey.
- Myrmica salina** Ruzsky, 1905 (*M. scabrinodis* var. *salina* Ruzsky, 1905). Russia: **UR**, **WS** (Radchenko, Elmes, 2010). – Kazakhstan.
- Myrmica scabrinodis** Nylander, 1846 (*M. scabrinodis* var. *rugulosoides* Forel, 1915; *M. scabrinodis* var. *ahngeri* Karawajew, 1926). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (Radchenko, 2016), **ES** (KR, BR, ZB). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan.
- Myrmica schencki** Viereck, 1903 (*M. rubra* var. *schencki* Viereck, 1903; *M. schenckioides* Boer, Noordijk, 2005). Russia: **EP** (NW, C, E, S, NC, CR), **UR**, **WS** (Radchenko, 2016), **ES** (KR). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia.
- Myrmica slovaca** Sadil, 1952 (*M. curvithorax* Bondroit, 1920). Russia: **EP** (C, S, NC, CR), **UR**, **WS** (Radchenko, 2016). – Europe (WE, SE, EE), Caucasus, Turkey, Kazakhstan.
- Myrmica specioides** Bondroit, 1918 (*M. scabrinodis* var. *sancta* Karawajew, 1926; *M. sancta tshuliensis* Arnoldi, 1976). Russia: **EP** (C, S, NC, CR), **UR**, **WS** (Radchenko, Elmes, 2010). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Iran, Turkmenistan, Kazakhstan.
- Myrmica stangeana** Ruzsky, 1902 (*M. bergi stangeana* Ruzsky, 1902; *M. stangeana medvedevi* Arnoldi, 1970). Russia: **EP** (E, S), **UR**, **WS** (AL). – Europe (EE), Kazakhstan.
- Myrmica sulcinodis** Nylander, 1846 (*M. sulcinodis* var. *nigripes* Ruzsky, 1895; *M. myrmecophila* Wasmann, 1910; *M. sulcinodis* var. *sulcinodoscabrinodis* Forel, 1915). Russia: **EP** (N, NW, C, NC, CR), **UR**, **WS** (Radchenko, 2016), **ES** (Radchenko, 2016), **FE** (AM, KH, PR, SA, MG). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan, Mongolia, Korean Peninsula.
- Myrmica transsibirica** Radchenko, 1994 (*M. taediosa* Bolton, 1995). Russia: **WS** (KM, AL), **ES** (Radchenko, Elmes, 2010), **FE** (AM, KH, PR, SA). – China (NE), Korean Peninsula, Japan (Hok).
- Myrmica tschekanovskii** Radchenko, 1994. Russia: **ES** (KR, YA).
- Myrmica vandeli** Bondroit, 1920 (*M. scabrinodis* var. *vandeli* Bondroit, 1920). Russia: **EP** (NC). – Europe (WE, NE, SE, EE).



- Myrmica zojæ** Radchenko, 1994. Russia: **UR, WS** (AL).
- MYRMOXENUS** Ruzsky, 1902 (*Epimyrmica* Emery, 1915). Type species *Myrmoxenus gordiagini* Ruzsky, 1902. The social parasites of *Temnothorax* species. Number of species: World – 12, Palaearctic – 12, Russia – 2.
- Myrmoxenus gordiagini** Ruzsky, 1902 (*Myrmetaerus microcellatus* Soudek, 1925). Russia: **WS** (TK, NS, AL). – Europe (SE, EE), Kazakhstan.
- Myrmoxenus ravouxi** (André, 1896) [Formicoxenus] (*Epimyrmica goesswaldi* Menozzi, 1930). Russia: **EP** (NC, CR). – Europe (WE, SE, EE).
- PHEIDOLE** Westwood, 1839. Type species *Atta providens* Sykes, 1835. Number of species: World – 1004, Palaearctic – 19, Russia – 2.
- Pheidole fervida** Smith, 1874. Russia: **FE** (PR, KU). – China (CC, SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Pheidole pallidula** (Nylander, 1849) [Myrmica] (*Ph. pallidula* var. *arenarum* Ruzsky, 1905; *Ph. pallidula koshewnikovi* Ruzsky, 1905). Russia: **EP** (S, NC). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Israel, Iran, Afghanistan, Central Asia, Kazakhstan.
- SOLENOPSIS** Westwood, 1840 (*Diplorhoptrum* Mayr, 1855). Type species *Solenopsis mandibularis* Westwood, 1840. Number of species: World – 195, Palaearctic – 33, Russia – 5.
- Solenopsis deserticola** Ruzsky, 1905 [Diplorhoptrum] (*D. deserticola* auct.). Russia: **EP** (S, NC). – Caucasus, Central Asia, Kazakhstan.
- Solenopsis fugax** (Latreille, 1798) [Formica] (*Myrmica flavidula* Nylander, 1849; *Solenopsis fugax orientalis* Ruzsky, 1905; *S. orbula* var. *latroides* Ruzsky, 1905; *S. (Diplorhoptrum) fugax* var. *pontica* Santschi, 1934; *Diplorhoptrum fugax* auct.). Russia: **EP** (C, E, S, NC, CR). – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Israel, Iran, Afghanistan, Central Asia, Kazakhstan.
- Solenopsis ilinei** Santschi, 1936 (*S. orbula* var. *oculata* Karawajew, 1926; *S. (Diplorhoptrum) orbula* var. *ilinei* Santschi, 1936). Russia: **EP** (CR). – Azerbaijan.
- Solenopsis japonica** Wheeler, 1928 (*S. fugax* var. *japonica* Wheeler, 1928; *Diplorhoptrum japonica*: Kupianskaya, 1995). Russia: **FE** (KU). – Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Solenopsis juliae** (Arakelian, 1991) [Diplorhoptrum]. Russia: **EP** (NC). – Armenia.
- STENAMMA** Westwood, 1839. Type species *Stenamma westwoodi* Westwood, 1839. Number of species: World – 84, Palaearctic – 14, Russia – 6.
- Stenamma debile** (Förster, 1850) [Myrmica] (*S. westwoodii* Westwood, 1839, auct.; *S. golosejevi* Karawajew, 1926; *S. ucrainicum* Arnoldi, 1928). Russia: **EP** (C, E, S, NC, CR). – Europe (WE, NE, SE, EE), Armenia, Turkey.
- Stenamma georgii** Arnoldi, 1975. Russia: **EP** (NC). – Abkhazia, Georgia.
- Stenamma kurilense** Arnoldi, 1975. Russia: **FE** (KU).
- Stenamma lippulum** (Nylander, 1849) [Myrmica] (*S. westwoodi* var. *hirtula* Emery, 1898; *S. caucasicum* Arnoldi, 1975). Russia: **EP** (NC). – Abkhazia, Georgia, Azerbaijan.
- Stenamma striatulum** Emery, 1895 (*S. westwoodi* var. *striatulum* Emery, 1895; *S. westwoodi* var. *tscherkesicum* Arnoldi, 1928). Russia: **EP** (NC). – Europe (SE, EE), Turkey.
- Stenamma ussuriense** Arnoldi, 1975. Russia: **FE** (PR). – Korean Peninsula.
- STRONGYLOGNATHUS** Mayr, 1853. Type species *Eciton testaceum* Schenck, 1852. The social parasites of *Tetramorium* species (dulosis). Number of species: World – 24, Palaearctic – 24, Russia – 5.
- Strongylognathus arnoldii** Radchenko, 1985. Russia: **EP** (CR).
- Strongylognathus christophi** Emery, 1889 (*S. huberi ruzskyi* Emery, 1909). Russia: **EP** (E, S, NC, CR), **UR**. – Caucasus, Kazakhstan.
- Strongylognathus karawajewi** Pisarski, 1966. Russia: **EP** (S, NC, CR). – Caucasus, Turkmenistan.
- Strongylognathus rehbinderi** Forel, 1904. Russia: **EP** (S, NC). – Abkhazia.
- Strongylognathus testaceus** (Schenck, 1852) [Eciton] (*Myrmus emarginatus* Schenck, 1853; *Strongylognathus diveri* Donisthorpe, 1936). Russia: **EP** (C, E, S, NC, CR), **UR, WS** (NS, AL). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Kazakhstan.
- STRUMIGENYS** Smith, 1860 (*Pyramica* Roger, 1862; *Epitritus* Emery, 1869). Type species *Strumigenys mandibularis* Smith, 1860. Number of species: World – 837, Palaearctic – 19, Russia – 1.
- Strumigenys argiola** (Emery, 1869) [Epitritus] (*Pyramica argiola* auct.). Russia: **EP** (NC). – Europe (WE, SE), N Africa, Caucasus, Turkey, Israel.

- TELEUTOMYRMEX** Kutter, 1950. Type species *Teleutomyrmex schneideri* Kutter, 1950. Number of species: World – 2, Palaeartic – 2, Russia – 1.
- Teleutomyrmex schneideri** Kutter, 1950. Russia: **EP** (S). – Europe (WE), Turkmenistan.
- TEMNOTHORAX** Mayr, 1861. Type species *Myrmica recedens* Nylander, 1856. Number of species: World – 390, Palaeartic – 200, Russia – 29.
- Temnothorax affinis** (Mayr, 1855) [Leptothorax]. Russia: **EP** (C, E, S, NC, CR). – Europe (WE, NE, SE, EE), Caucasus, Turkey.
- Temnothorax alinae** (Radchenko, 1994) [Leptothorax]. Russia: **FE** (PR).
- Temnothorax alpinus** (Ruzsky, 1902) [Leptothorax] (*L. wernerii* (Radchenko, 1994)). Russia: **EP** (NC). – Georgia.
- Temnothorax arnoldii** Radchenko et Fedoseeva, 2015. Russia: **EP** (NC).
- Temnothorax brauneri** (Ruzsky, 1905) [Leptothorax] (*L. serviculus* var. *brauneri* Ruzsky, 1905). Russia: **EP** (NC). – Georgia.
- Temnothorax clypeatus** (Mayr, 1853) [Myrmica]. Russia: **EP** (CR). – Europe (WE, SE, EE).
- Temnothorax congruus** (Smith, 1874) [Leptothorax]. Russia: **FE** (PR, KU). – China (NE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).
- Temnothorax corticalis** (Schenck, 1852) [Myrmica]. Russia: **EP** (S, NC, CR). – Europe (WE, NE, SE, EE), N Africa, Caucasus.
- Temnothorax crasecundus** Seifert et Csósz, 2015. Russia: **EP** (NC, CR). – Europe (SE, EE), Caucasus, Turkey.
- Temnothorax crassispinus** (Karawajew, 1926) [Leptothorax] (*L. nylanderi* var. *crassispinus* Karawajew, 1926; *L. nylanderi slavonicus* Seifert, 1995). Russia: **EP** (C, E, S). – Europe (WE, SE, EE).
- Temnothorax discoloratus** (Arnoldi, 1977) [Leptothorax]. Russia: **EP** (NC).
- Temnothorax dluskyi** Radchenko, Yusupov et Fedoseeva, 2015. Russia: **EP** (NC).
- Temnothorax interruptus** (Schenck, 1852) [Myrmica]. Russia: **EP** (NC). – Europe (WE, NE, SE, EE).
- Temnothorax jailensis** (Arnoldi, 1977) [Leptothorax]. Russia: **EP** (CR).
- Temnothorax kaszabi** (Pisarski, 1969) [Leptothorax] (*L. tuberosum sachalinensis* Kupianskaya, 1990). Russia: **WS** (AL), **ES** (TU, YA, ZB), **FE** (SA). – Mongolia, Korean Peninsula.
- Temnothorax knipovitschi** (Karawajew, 1916) [Leptothorax] (*L. tuberosum knipovitshi* Karawajew, 1916; *L. nikitae* Arnoldi, 1977; *L. junipereti* Arnoldi, 1977). Russia: **EP** (E, S, NC, CR), **UR**. – Europe (EE), Caucasus, Kazakhstan.
- Temnothorax kurilensis** (Radchenko, 1994) [Leptothorax]. Russia: **FE** (KU).
- Temnothorax mongolicus** (Pisarski, 1969) [Leptothorax] (*L. serviculus mongolicus* Pisarski, 1969). Russia: **ES** (ZB), **FE** (AM). – Mongolia, Korean Peninsula.
- Temnothorax nassonovi** (Ruzsky, 1895) [Leptothorax] (*L. nassonovi* var. *subnudus* Ruzsky, 1905; *L. galeatus* Wheeler, 1927; *L. nassonovi firsovi* Kuznetsov-Ugamsky, 1928). Russia: **EP** (E, S), **UR**, **WS** (OM, TK, NS, AL), **ES** (BR, ZB), **FE** (AM, KH, PR, SA). – Europe (EE), Kazakhstan, Mongolia, China (NE, NC), Korean Peninsula.
- Temnothorax parvulus** (Schenck, 1852) [Myrmica]. Russia: **EP** (NC). – Europe (WE, SE, EE), N Africa, Caucasus, Turkey, Iran, Turkmenistan.
- Temnothorax recedens** (Nylander, 1856) [Myrmica]. Russia: **EP** (S, NC, CR). – Europe (SE), N Africa, Caucasus, Turkey, Iran, Turkmenistan.
- Temnothorax satunini** (Ruzsky, 1902) [Leptothorax]. Russia: **EP** (NC). – Caucasus, Turkey.
- Temnothorax semenovi** (Ruzsky, 1903) [Leptothorax]. Russia: **EP** (S, NC, CR). – Central Asia.
- Temnothorax serviculus** (Ruzsky, 1902) [Leptothorax]. Russia: **EP** (E, S), **UR**, **WS** (Radchenko, 1996b), **ES** (Radchenko, 1996b). – Kazakhstan, Mongolia.
- Temnothorax tauricus** (Ruzsky, 1902) [Leptothorax] (*L. unifasciatus* var. *tauricus* Ruzsky, 1902; *L. pithyusae* Arnoldi, 1977; *L. pithyusae babuganicus* Arnoldi, 1977). Russia: **EP** (NC, CR). – Europe (EE).
- Temnothorax tembotovi** Radchenko et Yusupov, 2015. Russia: **EP** (NC).
- Temnothorax tuberosum** (Fabricius, 1775) [Formica] (*F. tuberosa* Latreille, 1802; *Leptothorax tuberosum stipaceus* Ruzsky, 1905; *L. tuberosum* var. *nigricephala* Karawajew, 1930; *L. tuberosum alaicus* Tarbinsky, 1976; *L. pratostepposus* Arnoldi, 1977; *L. tuberosum acutinodis* Arnoldi, 1977; *L. tuberosum ciscaucasicus* Arnoldi, 1977). Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (NS, AL). – Europe (WE, NE, SE, EE), Caucasus, Turkey, Central Asia.
- Temnothorax unifasciatus** (Latreille, 1798) [Formica] (*Leptothorax tuberosum kirillovi* Ruzsky, 1905; *L. tuberosum* var. *salina* Karawajew, 1937; *L. unifasciatus*

- ucrainicus* Arnoldi, 1977). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Iran, Turkmenistan.
- Temnothorax volgensis** (Ruzsky, 1905) [Leptothorax] (*L. nassonovi volgensis* Ruzsky, 1905). Russia: **EP** (C, E, S), **UR**. – Europe (EE), Kazakhstan.
- TETRAMORIUM** Mayr, 1855. Type species *Formica caespitum* Linnaeus, 1758. Number of species: World – 564, Palaeartic – 120, Russia – 10.
- Tetramorium caespitum** (Linnaeus, 1758) [Formica]. Russia: **EP** (N, NW, C, E, S, NC, CR), **UR**, **WS** (OM, TK, NS, AL), **ES** (KS, TU, KR, IR, BR, ZB). – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Syria, Lebanon, Central Asia.
- Tetramorium chefketi** Forel, 1911 (*T. caespitum* var. *cheketi* Forel, 1911; *T. caespitum* var. *sarkissiani* Forel, 1911; *T. caespitum* st. *turcomanicum* Santschi, 1921; *T. taurocausicum* Arnoldi, 1968). Russia: **EP** (S, NC), **UR**, **WS** (AL). – Europe (SE, EE), Caucasus, Turkey, Iran, Central Asia, Kazakhstan.
- Tetramorium densopilosum** Radchenko et Arakelian, 1990. Russia: **EP** (S, NC). – Georgia, Armenia, Turkey.
- Tetramorium ferox** Ruzsky, 1903 (*T. caespitum* var. *ferox* Ruzsky, 1903; *T. caespitum* st. *ferox* var. *perspicax* Santschi, 1921; *T. confinis* Radchenko et Arakelian, 1990; *T. perspicax* Radchenko, 1992). Russia: **EP** (S, NC, CR). – Europe (WE, SE, EE), Caucasus, Turkey.
- Tetramorium feroxoides** Dlussky et Zabelin, 1985 (*T. bursakovi* Radchenko, 1992). Russia: **EP** (S, NC). – Caucasus, Turkey, Iran, Central Asia, Kazakhstan.
- Tetramorium hungaricum** Rösler, 1935 (*T. caespitum hungarica* Rösler, 1935). Russia: **EP** (S, CR). – Europe (WE, EE).
- Tetramorium impurum** (Förster, 1850) [Myrmica] (*T. caespitum* var. *penninum* Santschi, 1927; *T. staerckei* Kratochvíl, 1944). Russia: **EP** (S, NC). – Europe (WE, NE, SE, EE).
- Tetramorium inerme** Mayr, 1877 (*T. caespitum* var. *inermis* Mayr, 1877). Russia: **EP** (S, NC). – Iran, Central Asia, Kazakhstan.
- Tetramorium moravicum** Novák et Sadil, 1941 (*T. rhenanum* Schulz, 1996). Russia: **EP** (S, NC, CR). – Europe (WE, SE, EE), Caucasus, Turkey.
- Tetramorium tsushimae** Emery, 1925 (*T. caespitum jacoti* Wheeler, 1927). Russia: **FE** (AM, KH, PR, KU). – China (NE), Korean Peninsula, Japan (Hok, Hon, Shi, Tsushima, Kyu, Yakushima).
- TRICHOMYRMEX** Mayr, 1865. Type species *Trichomyrmex rogeri* Mayr, 1865. Number of species: World – 24, Palaeartic – 10, Russia – 1.
- Trichomyrmex perplexus** (Radchenko, 1997) [Monomorium]. Russia: **EP** (NC). – Europe (SE), Caucasus, Turkey, United Arab Emirates, Iran.

## Subfamily PONERINAE

Number of taxa: World – 142 genera, 6605 species, Palaeartic – 12/33, Russia – 4/7.

**BRACHYPONERA** Emery, 1900. Type species *Euponera (Brachypонера) croceicornis* Emery, 1900. Number of species: World – 19, Palaeartic – 2, Russia – 1.

**Brachypонера chinensis** (Emery, 1895) [Ponera] (*P. nigrita chinensis* Emery, 1895). Russia: **EP** (NC introduced), **?FE** (PR). – Abkhazia (introduced), Georgia (introduced), China (CC, SW, WP, SE), Korean Peninsula, Japan (Hon, Shi, Kyu, Ryu).

**CRYPTOPONE** Emery, 1893. Type species *Cryptopone testacea* Emery, 1893. Number of species: World – 24, Palaeartic – 1, Russia – 1.

**Cryptopone ochracea** (Mayr, 1855) [Ponera]. Russia: **EP** (NC, CR). – Europe (WE, SE, EE), Saudi Arabia.

**HYPOPONERA** Santschi, 1938. Type species *Ponera abeillei* André, 1881. Number of species: World – 152, Palaeartic – 9, Russia – 2.

**Hypoponera eduardi** (Forel, 1894) [Ponera]. Russia: **EP** (NC). – Europe (WE, SE, EE), N Africa, Turkey, Israel, Saudi Arabia, Iran, United Arab Emirates.

**Hypoponera punctatissima** (Roger, 1859) [Ponera]. Tramp species. Russia, in heated buildings. – Cosmopolitan.

**PONERA** Latreille, 1804. Type species *Formica coarctata* Latreille, 1802. Number of species: World – 57, Palaeartic – 5, Russia – 3.

**Ponera coarctata** (Latreille, 1802) [Formica] (*P. coarctata* var. *lucida* Emery, 1898; *P. coarctata coarctata colchica* Arnoldi, 1932; *P. taurica* Arnoldi, 1932). Russia: **EP** (C, E, S, NC, CR), **UR**. – Europe (WE, NE, SE, EE), N Africa, Caucasus, Turkey, Israel, Iran, Kyrgyzstan, Kazakhstan.

**Ponera japonica** Wheeler, 1906 (*P. japonica* var. *crocea* Santschi, 1941). Russia: **FE** (PR, KU). – China

(SW, WP, SE), Korean Peninsula, Japan (Hok, Hon, Shi, Kyu).

**Ponera testacea** Emery, 1895 (*P. coarctata* var. *testacea* Emery, 1895). Russia: **EP** (S, NC, CR). – Europe (WE, SE, EE).

#### Subfamily PROCERATIINAE

Number of taxa: World – 3 genera, 144 species, Palaeartic – 1/7, Russia – 1/1.

**PROCERATIUM** Roger, 1863. Type species *Proceratium silaceum* Roger, 1863. Number of species: World – 83, Palaeartic – 7, Russia – 1.

**Proceratium melinum** (Roger, 1860) [Ponera] (*Syphingta europaea* Forel, 1886; *S. fialai* Kratochvíl, Novák et Snoflák, 1944, *S. rossica* Arnoldi, 1930). Russia: **EP** (S, NC, CR). – Europe (WE, SE, EE), Turkey.