*MYRAFANT*: see under ***TEMNOTHORAX***.

***MYRCIDRIS***

***epicharis****. Myrcidris epicharis* Ward, 1990: 467, figs. 1-6, 21-25, 29-32 (w.q.m.) BRAZIL.

*MYRMA*: see under ***POLYRHACHIS***.

*MYRMACANTHA*: see under ***PHASMOMYRMEX***.

*MYRMACRHAPHE*: see under ***CAMPONOTUS***.

*MYRMAMBLYS*: see under ***CAMPONOTUS***.

*MYRMAMMOPHILUS*: see under ***TEMNOTHORAX***.

*MYRMAPATETES*: see under ***ANOCHETUS***.

*MYRMAPHAENUS*: see under ***CAMPONOTUS***.

*MYRMATOPA*: see under ***POLYRHACHIS***.

***MYRMECIA***

***aberrans****. Myrmecia aberrans* Forel, 1900b: 54 (w.) AUSTRALIA. Clark, 1934a: 10 (q.m.). Combination in *M. (Promyrmecia*): Emery, 1911d: 19; in *Promyrmecia*: Clark, 1943: 93; in *Myrmecia*: Taylor & Brown, D.R. 1985: 6. See also: Wheeler, W.M. 1933i: 50; Wheeler, W.M. 1937c: 42; Clark, 1951: 122; Ogata, 1991a: 356; Ogata & Taylor, 1991: 1643.

***acuta****. Myrmecia acuta* Ogata & Taylor, 1991: 1664, figs. 44, 45 (w.) AUSTRALIA.

*affinis. Myrmecia affinis* Mayr, 1862: 725 (diagnosis in key) (w.) AUSTRALIA. Junior synonym of *simillima*: Forel, 1907h: 265; Clark, 1951: 89.

***analis****. Myrmecia analis* Mayr, 1862: 728 (w.) AUSTRALIA. Clark, 1927: 34 (q.). Senior synonym of *atriscapa*: Clark, 1927: 34; Clark, 1951: 54.

***apicalis****. Myrmecia apicalis* Emery, 1883: 150 (w.) NEW CALEDONIA. See also: Clark, 1951: 111.

***arnoldi****. Myrmecia arnoldi* Clark, 1951: 36, fig. 14 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 246 (l.).

***athertonensis****. Myrmecia auriventris* var. *athertonensis* Forel, 1915b: 8 (w.m.) AUSTRALIA. Subspecies of *auriventris*: Clark, 1951: 42. Junior synonym of *auriventris*: Brown, 1953j: 10. Revived from synonymy and raised to species: Ogata & Taylor, 1991: 1645.

*atrata. Myrmecia atrata* Clark, 1951: 77, fig. 55 (w.) AUSTRALIA. Junior synonym of *pavida*: Ogata & Taylor, 1991: 1659.

*atriscapa. Myrmecia atriscapa* Crawley, 1925b: 580 (w.) AUSTRALIA. Junior synonym of *analis*: Clark, 1927: 34; Clark, 1951: 54.

*aureorufa. Myrmecia mandibularis* subsp. *aureorufa* Forel, 1910b: 6 (w.) AUSTRALIA. Junior synonym of *mandibularis*: Clark, 1943: 137.

***auriventris****. Myrmecia auriventris* Mayr, 1870b: 968 (w.) AUSTRALIA. Clark, 1951: 41 (m.). See also: Ogata & Taylor, 1991: 1645.

*banksi. Myrmecia banksi* Imai, Taylor & Crozier, 1994: 147 (k.) AUSTRALIA. **Unavailable name**.

*barbata. Myrmecia (Promyrmecia) fulvipes* subsp. *barbata* Wheeler, W.M. 1933i: 71 (w.q.) AUSTRALIA. Junior synonym of *femorata*: Clark, 1951: 158.

*basirufa. Myrmecia vindex* var. *basirufa* Forel, 1907h: 264 (w.) AUSTRALIA. Clark, 1951: 71 (q.m.). Junior synonym of *vindex*: Ogata & Taylor, 1991: 1661.

***borealis****. Myrmecia borealis* Ogata & Taylor, 1991: 1647 (w.) AUSTRALIA.

***brevinoda****. Myrmecia forficata* var. *brevinoda* Forel, 1910b: 2 (w.q.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 247 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Raised to species: Clark, 1951: 96. Senior synonym of *gigas* (and its junior synonym *eudoxia*): Brown, 1953j: 22; of *decipians, longinodis*: Ogata & Taylor, 1991: 1653. See also: Brown, 1958h: 10.

***browningi****. Myrmecia browningi* Ogata & Taylor, 1991: 1654, figs. 39, 40 (w.q.m.) AUSTRALIA.

***callima****. Promyrmecia callima* Clark, 1943: 125, pl. 14, fig. 36 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 7.

*cardigaster. Myrmecia cardigaster* Brown, 1953j: 28. Replacement name for *cordata* Clark, 1951: 116. [Junior primary homonym of *cordata* Fabricius, 1804: 425]. Junior synonym of *rowlandi*: Ogata & Taylor, 1991: 1660.

*celaena. Promyrmecia celaena* Clark, 1943: 120, pl. 14, fig. 42 (w.) AUSTRALIA. Combination in *Myrmecia*: Brown, 1953j: 17. Junior synonym of *harderi*: Ogata & Taylor, 1991: 1661.

***cephalotes****. Promyrmecia cephalotes* Clark, 1943: 123, pl. 14, figs. 32-34 (w.q.m.) AUSTRALIA. Imai, Crozier & Taylor, 1977: 345 (k.). Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 7. See also: Ogata, 1991a: 357.

***chasei****. Myrmecia chasei* Forel, 1894e: 235 (w.) AUSTRALIA. Clark, 1943: 116 (q.m.); Wheeler, G.C. & Wheeler, J. 1971d: 247 (l.). Combination in *Promyrmecia*: Clark, 1943: 115; in *Myrmecia*: Taylor & Brown, D.R. 1985: 7. Senior synonym of *mediorubra*: Clark, 1943: 115. See also: Clark, 1951: 212.

***chrysogaster****. Promyrmecia chrysogaster* Clark, 1943: 114, pl. 13, fig. 23 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 7.

***clarki****. Myrmecia clarki* Crawley, 1922b: 432 (w.) AUSTRALIA. Wheeler, W.M. 1933i: 61 (q.); Clark, 1943: 132 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 247 (l.). Combination in *M*. (*Promyrmecia*): Wheeler, W.M. 1933i: 61; in *Promyrmecia*: Clark, 1943: 132; in *Myrmecia*: Taylor & Brown, D.R. 1985: 7. See also: Clark, 1951: 174.

*coelatinoda. Myrmecia (Promyrmecia) fulvipes* subsp. *coelatinoda* Wheeler, W.M. 1933i: 72 (w.) AUSTRALIA. Combination in Promyrmecia: Clark, 1943: 147. Junior synonym of *mandibularis*: Brown, 1953j: 4.

***comata****. Myrmecia comata* Clark, 1951: 43, fig. 19 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 247 (l.).

*cordata* Fabricius, 1804; see under ***DACETON***.

*cordata. Myrmecia cordata* Clark, 1951: 116, fig. 90 (w.) AUSTRALIA. [Junior primary homonym of *cordata* Fabricius, 1804: 425, above.] Replacement name: *cardigaster* Brown, 1953j: 28.

*crassinoda. Myrmecia crassinoda* Clark, 1934c: 50, pl. 4, fig. 2 (w.q.) AUSTRALIA. Junior synonym of *pulchra*: Brown, 1953j: 27.

***croslandi****. Myrmecia croslandi* Taylor, 1991c: 288 (w.k.) AUSTRALIA. Imai, Taylor & Crozier, 1994: 145 (k.).

*crudelis. Myrmecia crudelis* Smith, F. 1858b: 147 (w.q.) AUSTRALIA. Junior synonym of *simillima*: Brown, 1953j: 12. See also: Crawley, 1926: 374; Clark, 1951: 35.

***cydista****. Promyrmecia cydista* Clark, 1943: 115, pl. 13, fig. 24 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 8.

*decipians. Myrmecia decipians* Clark, 1951: 86, fig. 66 (w.) AUSTRALIA. Junior synonym of *brevinoda*: Ogata & Taylor, 1991: 1653.

***desertorum****. Myrmecia vindex* var. *desertorum* Wheeler, W.M. 1915g: 805 (w.) AUSTRALIA. Clark, 1925b: 144 (q.m.). Raised to species: Clark, 1930c: 22. Senior synonym of *lutea, princeps*: Brown, 1953j: 25. See also: Clark, 1951: 59.

***dichospila****. Myrmecia (Promyrmecia) dichospila* Clark, 1938: 359, fig. 2 (w.q.m.) AUSTRALIA. Combination in *Promyrmecia*: Clark, 1943: 108; in *Myrmecia*: Taylor & Brown, D.R. 1985: 8.

***dimidiata****. Myrmecia dimidiata* Clark, 1951: 71, fig. 49 (w.) AUSTRALIA.

***dispar****. Promyrmecia dispar* Clark, 1951: 226, fig. 193 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 8.

*dixoni. Promyrmecia dixoni* Clark, 1943: 135, pl. 16, figs. 77, 78 (w.q.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 247 (l.). Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 8. Junior synonym of *testaceipes*: Ogata & Taylor, 1991: 1666.

***elegans****. Promyrmecia elegans* Clark, 1943: 122, pl. 14, figs. 44, 45 (w.q.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 248 (l.). Combination in *Myrmecia*: Brown, 1953j: 15.

*emarginata* Fabricius, 1804; see under ***ANOCHETUS***.

***erecta****. Myrmecia erecta* Ogata & Taylor, 1991: 1655, figs. 41-43 (w.q.) AUSTRALIA.

***esuriens****. Myrmecia esuriens* Fabricius, 1804: 424 (w.) AUSTRALIA. Clark, 1934a: 16 (q.m.). Senior synonym of *tasmaniensis*: Roger, 1861a: 35; of *walkeri*: Emery, 1911d: 20; Clark, 1934a: 16. See also: Clark, 1951: 84.

*eudoxia. Myrmecia forficata* var. *eudoxia* Forel, 1915b: 8 (w.) AUSTRALIA. Raised to species: Wheeler, W.M. 1933i: 35. Junior synonym of *gigas*: Clark, 1951: 104.

***eungellensis****. Myrmecia eungellensis* Ogata & Taylor, 1991: 1648, figs. 33-35 (w.) AUSTRALIA.

*eupoecila. Promyrmecia eupoecila* Clark, 1943: 98, pl. 12, fig. 8 (q.) AUSTRALIA. Clark, 1951: 134 (w.). Combination in *Myrmecia*: Brown, 1953j: 18. Junior synonym of *froggatti*: Ogata & Taylor, 1991: 1643.

*excavata. Promyrmecia excavata* Clark, 1951: 137, figs. 105, 106 (w.q.) AUSTRALIA. Combination in *Myrmecia*: Brown, 1953j: 18. Junior synonym of *froggatti*: Ogata & Taylor, 1991: 1643.

***exigua****. Promyrmecia exigua* Clark, 1943: 107, pl. 15, fig. 64 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 9.

***fabricii****. Myrmecia fabricii* Ogata & Taylor, 1991: 1650, fig. 35 (w.) AUSTRALIA.

*fallax. Myrmecia fallax* Clark, 1951: 79, fig. 57 (w.) AUSTRALIA. Junior synonym of *pulchra*: Brown, 1953j: 27.

*fasciata. Myrmecia fasciata* Clark, 1951: 63, fig. 40 (w.) AUSTRALIA. Junior synonym of *nigriceps*: Ogata & Taylor, 1991: 1659.

*femorata. Myrmecia (Pristomyrmecia) piliventris* var. *femorata* Santschi, 1928e: 466 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 252 (l.). Combination in *M*. (*Promyrmecia*): Wheeler, W.M. 1933i: 70; in *Promyrmecia*: Clark, 1943: 142. Senior synonym of *barbata*: Clark, 1951: 158. Junior synonym of *fulvipes*: Brown, 1953j: 21.

***ferruginea****. Myrmecia nigriceps* var. *ferruginea* Mayr, 1876: 95 (w.) AUSTRALIA. Junior synonym of *vindex*: Forel, 1907h: 264. Revived from synonymy and raised to species: Brown, 1953j: 22.

***flammicollis****. Myrmecia flammicollis* Brown, 1953j: 23 (w.) AUSTRALIA.

***flavicoma****. Myrmecia flavicoma* Roger, 1861b: 171 (w.) AUSTRALIA. Viehmeyer, 1924a: 221 (q.). See also: Clark, 1951: 74.

***forceps****. Myrmecia forceps* Roger, 1861a: 34 (w.) AUSTRALIA. Clark, 1951: 25 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 248 (l.). Senior synonym of *obscuriceps*: Clark, 1951: 24; of *singularis*: Brown, 1953j: 7.

***forficata****. Formica forficata* Fabricius, 1787: 310 (w.) AUSTRALIA (Tasmania). Mayr, 1876: 95 (q.); Clark, 1927: 35 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 249 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Combination in *Myrmecia*: Fabricius, 1804: 424. Senior synonym of *lucida*: Clark, 1951: 93; Ogata & Taylor, 1991: 1629; of *rubra* (and its junior synonym *violacea*): Brown, 1953j: 28. See also: Forel, 1913g: 173; Wheeler, W.M. 1933i: 31.

***formosa****. Myrmecia (Promyrmecia) aberrans* subsp. *formosa* Wheeler, W.M. 1933i: 52 (w.) AUSTRALIA. Combination in *Promyrmecia*: Clark, 1943: 94; in *Myrmecia*: Brown, 1953j: 19. Subspecies of *maura*: Brown, 1953j: 19. Raised to species: Clark, 1951: 131; Ogata & Taylor, 1991: 1632 (in key). Senior synonym of *haematosticta*: Brown, 1953j: 19.

***froggatti****. Myrmecia froggatti* Forel, 1910b: 9 (w.) AUSTRALIA. Clark, 1951: 129 (q.). Combination in *M. (Promyrmecia*): Emery, 1911d: 19; in *Promyrmecia*: Clark, 1943: 96; in *Myrmecia*: Brown, 1953j: 17. Subspecies of *aberrans*: Wheeler, W.M. 1933i: 52. Revived status as species: Clark, 1943: 96. Senior synonym of *sericata, taylori*: Brown, 1953j: 17; of *eupoecila, excavata, greavesi*: Ogata & Taylor, 1991: 1643.

***fucosa****. Myrmecia (Promyrmecia) fucosa* Clark, 1934a: 15, pl. 1, figs. 5, 6 (w.q.) AUSTRALIA. Clark, 1943: 103 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 249 (l.). Combination in *Promyrmecia*: Clark, 1943: 103; in *Myrmecia*: Taylor & Brown, D.R. 1985: 10. See also: Clark, 1951: 142.

***fulgida****. Myrmecia fulgida* Clark, 1951: 73, fig. 52 (w.) AUSTRALIA. Senior synonym of *suttoni*: Ogata & Taylor, 1991: 1657.

***fulviculis****. Myrmecia (Pristomyrmecia) fulvipes* r. *fulviculis* Forel, 1913g: 174 (w.) AUSTRALIA. Clark, 1951: 163 (q.m.). Combination in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 70; in *Promyrmecia*: Clark, 1943: 144; in *Myrmecia*: Taylor & Brown, D.R. 1985: 10. Raised to species: Clark, 1943: 144.

***fulvipes****. Myrmecia fulvipes* Roger, 1861a: 36 (w.) AUSTRALIA. Clark, 1943: 145 (q.m.); Wheeler, G.C. & Wheeler, J. 1971d: 249 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Combination in *M. (Pristomyrmecia*): Emery, 1911d: 21; in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 69; in *Promyrmecia*: Clark, 1943: 145; in *Myrmecia*: Brown, 1953j: 21. Senior synonym of *femorata* (and its junior synonym *barbata*): Brown, 1953j: 21. See also: Clark, 1951: 165.

***fuscipes****. Myrmecia fuscipes* Clark, 1951: 62, fig. 39 (w.) AUSTRALIA. Junior synonym of *desertorum*: Brown, 1953j: 25. Revived from synonymy: Ogata & Taylor, 1991: 1657.

*gigas. Myrmecia pyriformis* r. *gigas* Forel, 1913b: 310 (q.) AUSTRALIA. Forel, 1915: 7 (w.); Clark, 1951: 107 (m.). Raised to species and senior synonym of *eudoxia*: Clark, 1951: 104. Junior synonym of *brevinoda*: Brown, 1953j: 22.

***gilberti****. Myrmecia fulvipes* var. *gilberti* Forel, 1910b: 6 (w.) AUSTRALIA. Wheeler, W.M. 1933i: 73 (m.). Combination in *M. (Pristomyrmecia*): Emery, 1911d: 21; in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 72; in *Promyrmecia*: Clark, 1943: 136; in *Myrmecia*: Taylor & Brown, D.R. 1985: 10. Subspecies of *fulvipes*: Forel, 1913g: 173. Raised to species: Wheeler, W.M. 1933i: 72; Clark, 1951: 169. Senior synonym of *regina*: Clark, 1943: 136.

*goudiei. Promyrmecia goudiei* Clark, 1943: 129, pl. 15, figs. 48, 49 (w.q.) AUSTRALIA. Junior synonym of *varians*: Brown, 1953j: 15.

*gracilis. Myrmecia gracilis* Emery, 1898b: 232, fig. 2 (w.) AUSTRALIA. Clark, 1938: 358 (q.m.); Wheeler, G.C. & Wheeler, J. 1971d: 250 (l.). Subspecies of *crudelis*: Emery, 1911d: 19. Revived status as species: Clark, 1938: 357; Clark, 1951: 39. Junior synonym of *rufinodis*: Brown, 1953j: 8.

***gratiosa****. Myrmecia gratiosa* Clark, 1951: 66, fig. 44 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 250 (l.).

*greavesi. Promyrmecia greavesi* Clark, 1943: 99, pl. 12, fig. 9 (q.) AUSTRALIA. Combination in *Myrmecia*: Brown, 1953j: 18. Junior synonym of *froggatti*: Ogata & Taylor, 1991: 1643.

***gulosa****. Formica gulosa* Fabricius, 1775: 395 (w.) AUSTRALIA. Smith, 1858b: 143 (m.); Mayr, 1876: 95 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 246 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Combination in *Myrmecia*: Fabricius, 1804: 424. Senior synonym of *obscurior*: Clark, 1951: 49. See also: Ogata, 1991a: 358.

*haematosticta. Myrmecia (Promyrmecia) aberrans* subsp. *haematosticta* Wheeler, W.M. 1933i: 51 (w.) AUSTRALIA. Raised to species: Clark, 1951: 130. Junior synonym of *formosa*: Brown, 1953j: 19.

***harderi****. Myrmecia harderi* Forel, 1910b: 8 (w.) AUSTRALIA. Clark, 1943: 118 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 250 (l.). Combination in *Promyrmecia*: Clark, 1943: 118; in *Myrmecia*: Brown, 1953j: 16. Senior synonym of *maloni, scabra*: Brown, 1953j: 16; of *celaena*: Ogata & Taylor, 1991: 1661. See also: Clark, 1951: 215.

*haskinsorum. Myrmecia haskinsorum* Imai, Taylor & Crozier, 1994: 147 (k.) AUSTRALIA. **Unavailable name**.

*hastata* Fabricius, 1804; see under ***ODONTOMACHUS***.

***hilli****. Promyrmecia hilli* Clark, 1943: 125, pl. 14, fig. 35 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 11.

***hirsuta****. Myrmecia hirsuta* Clark, 1951: 109, fig. 84 (w.) AUSTRALIA.

*imaii. Myrmecia imaii* Imai, Taylor & Crozier, 1994: 146 (k.) AUSTRALIA. **Unavailable name**.

***infima****. Myrmecia picta* var. *infima* Forel, 1900b: 54 (w.) AUSTRALIA. Clark, 1943: 105 (q.m.). Combination in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 62; in *Promyrmecia*: Clark, 1943: 105; in *Myrmecia*: Taylor & Brown, D.R. 1985: 11. Raised to species: Wheeler, W.M. 1933i: 62; Clark, 1951: 192.

***inquilina****. Myrmecia inquilina* Douglas & Brown, 1959: 13, fig. 1 (q.) AUSTRALIA.

*laevinodis. Promyrmecia laevinodis* Clark, 1943: 139, pl. 17, figs. 94, 95 (w.q.) AUSTRALIA. Junior synonym of *mandibularis*: Brown, 1953j: 4.

*longinodis. Myrmecia longinodis* Clark, 1951: 87, fig. 67 (w.) AUSTRALIA. Junior synonym of *brevinoda*: Ogata & Taylor, 1991: 1653.

***loweryi****. Myrmecia loweryi* Ogata & Taylor, 1991: 1669, figs. 46, 47 (w.q.m.) AUSTRALIA.

*lucida. Myrmecia lucida* Forel, 1893d: 457 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 250 (l.). Junior synonym of *forficata*: Clark, 1951: 93; Ogata & Taylor, 1991: 1629.

***ludlowi****. Myrmecia chasei* var. *ludlowi* Crawley, 1922b: 431 (w.) AUSTRALIA. Crawley, 1925b: 578 (m.). Combination in *Promyrmecia*: Clark, 1943: 117; in *Myrmecia*: Taylor & Brown, D.R. 1985: 7. Subspecies of *chasei*: Clark, 1951: 215. Raised to species: Ogata & Taylor, 1991: 1662.

*lutea. Myrmecia lutea* Crawley, 1922b: 429 (w.) AUSTRALIA. Junior synonym of *desertorum*: Brown, 1953j: 25.

***luteiforceps****. Myrmecia (Promyrmecia) gilberti* var. *luteiforceps* Wheeler, W.M. 1933i: 74 (w.) AUSTRALIA. [First available use of *Myrmecia (Pristomyrmecia) fulvipes* r. *gilberti* var. *luteiforceps* Forel, 1915b: 9; unavailable name.] Combination in *Promyrmecia*: Clark, 1943: 143; in *Myrmecia*: Taylor & Brown, D.R. 1985: 12. Raised to species: Clark, 1943: 143; Clark, 1951: 161.

*malandensis. Myrmecia tarsata* r. *malandensis* Forel, 1915b: 9 (w.m.) AUSTRALIA. Subspecies of *tarsata*: Clark, 1951: 32. Junior synonym of *rowlandi*: Brown, 1953j: 10.

*maloni. Promyrmecia maloni* Clark, 1943: 121, pl. 14, fig. 43 (w.) AUSTRALIA. Junior synonym of *harderi*: Brown, 1953j: 16.

***mandibularis****. Myrmecia mandibularis* Smith, F. 1858b: 145 (w.) AUSTRALIA. Clark, 1943: 138 (q.m.). Combination in *M. (Pristomyrmecia*): Emery, 1911d: 21; in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 64; in *Promyrmecia*: Clark, 1943: 137; in *Myrmecia*: Brown, 1953j: 4. Senior synonym of *aureorufa, postpetiolaris*: Clark, 1943: 137; of *coelatinoda, laevinodis*: Brown, 1953j: 4. See also: Crawley, 1926: 385; Clark, 1951: 151; Ogata, 1991a: 359.

*marmorata. Promyrmecia marmorata* Clark, 1951: 188, fig. 157 (w.) AUSTRALIA. Junior synonym of *varians*: Brown, 1953j: 15.

***maura****. Myrmecia (Promyrmecia) aberrans* subsp. *maura* Wheeler, W.M. 1933i: 51 (w.) AUSTRALIA. Clark, 1943: 96 (q.). Combination in *Promyrmecia*: Clark, 1943: 95; in *Myrmecia*: Brown, 1953j: 18. Raised to species: Clark, 1943: 95; Clark, 1951: 132; Brown, 1953j: 18.

*maxima. Formica maxima* Moore, 1842: 52 (w.) AUSTRALIA. Combination in *Myrmecia*: Ride & Taylor, 1973: 58. Application for suppression of name: Ride & Taylor, 1973: 58.

*mediorubra. Myrmecia pilosula* subsp. *mediorubra* Forel, 1910b: 7 (w.) AUSTRALIA. Wheeler, W.M. 1933i: 59 (w.). Combination in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 58. Raised to species: Wheeler, W.M. 1933i: 58. Junior synonym of *chasei*: Clark, 1943: 115.

***michaelseni****. Myrmecia michaelseni* Forel, 1907h: 267 (w.) AUSTRALIA. Clark, 1943: 112 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 250 (l.). Combination in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 59; in *Promyrmecia*: Clark, 1943: 111; in *Myrmecia*: Taylor & Brown, D.R. 1985: 12. Senior synonym of *perthensis*: Clark, 1943: 111. See also: Clark, 1951: 204.

***midas****. Myrmecia midas* Clark, 1951: 55, figs. 34, 35 (w.q.) AUSTRALIA.

***minuscula****. Myrmecia flavicoma* var. *minuscula* Forel, 1915b: 8 (w.) AUSTRALIA. Raised to species: Ogata & Taylor, 1991: 1658.

***mjobergi****. Myrmecia mjobergi* Forel, 1915b: 5, fig. 2 (w.q.m.) AUSTRALIA. See also: Clark, 1951: 101; Brown, 1953j: 11.

*murina. Myrmecia murina* Clark, 1951: 80, figs. 58-60 (w.q.m.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 251 (l.). Junior synonym of *pulchra*: Brown, 1953j: 27; Ogata & Taylor, 1991: 1629.

***nigra****. Myrmecia picta* var. *nigra* Forel, 1907h: 267 (w.) AUSTRALIA. Clark, 1943: 106 (q.). Combination in *Promyrmecia*: Clark, 1943: 106; in *Myrmecia*: Taylor & Brown, D.R. 1985: 13. Subspecies of *infima*: Wheeler, W.M. 1933i: 63. Junior synonym of *infima*: Clark, 1934a: 14. Revived from synonymy and raised to species: Clark, 1943: 106; Clark, 1951: 195. Subspecies of *picta*: Taylor & Brown, D.R. 1985: 13. Revived status as species: Ogata & Taylor, 1991: 1631.

***nigriceps****. Myrmecia nigriceps* Mayr, 1862: 728 (w.) AUSTRALIA. Forel, 1910b: 3 (q.); Viehmeyer, 1914b: 28 (m.). Subspecies of *vindex*: Forel, 1907h: 264. Revived status as species: Wheeler, W.M. 1933i: 38. Senior synonym of *fasciata*: Ogata & Taylor, 1991: 1659. See also: Clark, 1951: 64.

***nigriscapa****. Myrmecia nigriscapa* Roger, 1861a: 33 (w.) AUSTRALIA. Clark, 1925b: 142 (q.m.). See also: Wheeler, W.M. 1933i: 30; Clark, 1951: 51.

*nigriventris. Myrmecia nigriventris* Mayr, 1862: 727 (w.) AUSTRALIA. Subspecies of *tricolor*: Forel, 1910b: 7; Emery, 1911d: 20; Clark, 1951: 45. Senior synonym of *spadicea*: Forel, 1910b: 7; Clark, 1951: 45. Junior synonym of *simillima*: Brown, 1953j: 12.

***nigrocincta****. Myrmecia nigrocincta* Smith, F. 1858b: 147 (w.) AUSTRALIA. Roger, 1861a: 36 (q.); Mayr, 1876: 95 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 251 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). See also: Crawley, 1926: 381; Clark, 1951: 113; Ogata, 1991a: 359.

***nobilis****. Promyrmecia nobilis* Clark, 1943: 97, pl. 12, figs. 2-4 (w.q.m.) AUSTRALIA. Combination in *Myrmecia*: Brown, 1953j: 19.

*obscuriceps. Myrmecia forceps* var. *obscuriceps* Viehmeyer, 1924a: 222 (w.) AUSTRALIA. Junior synonym of *forceps*: Clark, 1951: 24.

*obscurior. Myrmecia gulosa* var. *obscurior* Forel, 1922: 87 (w.) AUSTRALIA. Junior synonym of *gulosa*: Clark, 1951: 49.

***occidentalis****. Promyrmecia occidentalis* Clark, 1943: 119, pl. 13, figs. 30, 31 (w.q.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 13. Senior synonym of *opaca*: Ogata & Taylor, 1991: 1663.

*opaca. Promyrmecia opaca* Clark, 1943: 123, pl. 14, figs. 46, 47 (w.q.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 13. Junior synonym of *occidentalis*: Ogata & Taylor, 1991: 1663.

*overbecki. Myrmecia michaelseni* subsp. *overbecki* Viehmeyer, 1924a: 222 (w.q.) AUSTRALIA. Junior synonym of *queenslandica*: Clark, 1943: 112.

*paucidens. Myrmecia paucidens* Forel, 1910b: 5 (w.) AUSTRALIA (Tasmania). Junior synonym of *simillima*: Brown, 1953j: 12.

***pavida****. Myrmecia pavida* Clark, 1951: 76, fig. 54 (w.) AUSTRALIA. Senior synonym of *atrata*: Ogata & Taylor, 1991: 1659.

*perthensis. Myrmecia michaelseni* var. *perthensis* Crawley, 1922b: 431 (w.) AUSTRALIA. Junior synonym of *michaelseni*: Clark, 1943: 111.

***petiolata****. Myrmecia petiolata* Emery, 1895g: 345 (w.) AUSTRALIA. See also: Clark, 1951: 112.

***picta****. Myrmecia picta* Smith, F. 1858b: 146 (w.q.) AUSTRALIA. Clark, 1927: 39 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 251 (l). Combination in *M. (Promyrmecia*): Clark, 1927: 39; in *Promyrmecia*: Clark, 1943: 100; in *Myrmecia*: Taylor & Brown, D.R. 1985: 14. See also: Crawley, 1926: 382; Clark, 1951: 139; Ogata, 1991a: 360.

***picticeps****. Myrmecia picticeps* Clark, 1951: 47, fig. 25 (w.) AUSTRALIA.

***piliventris****. Myrmecia piliventris* Smith, F. 1858b: 146 (w.) AUSTRALIA. Mayr, 1876: 93 (q.); Clark, 1943: 141 (m.); Wheeler, G.C. & Wheeler, J. 1971d: 251 (l.); Imai & Taylor, 1986: 59 (k.). Combination in *M. (Pristomyrmecia*): Emery, 1911d: 21; in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 67; in *Promyrmecia*: Clark, 1943: 140; in *Myrmecia*: Brown, 1953j: 20. Senior synonym of *rectidens*: Brown, 1953j: 20. See also: Crawley, 1926: 385; Clark, 1951: 156.

***pilosula****. Myrmecia pilosula* Smith, F. 1858b: 146 (w.q.m.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 252 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Combination in *M. (Halmamyrmecia*): Wheeler, W.M. 1922b: 195; in *M. (Promyrmecia*): Wheeler, W.M. 1933i: 56; in *Promyrmecia*: Clark, 1943: 109; in *Myrmecia*: Brown, 1953j: 6. Senior synonym of *ruginoda*: Brown, 1953j: 6. See also: Crawley, 1926: 383; Clark, 1951: 202; Crosland, Crozier & Imai, 1988: 13; Ogata, 1991a: 361.

*postpetiolaris. Myrmecia mandibularis* subsp. *postpetiolaris* Wheeler, W.M. 1933i: 65 (w.m.) AUSTRALIA. Junior synonym of *mandibularis*: Clark, 1943: 137.

***potteri****. Promyrmecia potteri* Clark, 1951: 168, fig. 136 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 14.

*princeps. Myrmecia princeps* Clark, 1951: 46, fig. 24 (w.) AUSTRALIA. Junior synonym of *desertorum*: Brown, 1953j: 25.

***pulchra****. Myrmecia pulchra* Clark, 1929: 119, pl. 1, fig. 3 (w.q.) AUSTRALIA. Senior synonym of *crassinoda, fallax, murina*: Brown, 1953j: 27; Ogata & Taylor, 1991: 1629.

*pumilio. Myrmecia pumilio* Mayr, 1866b: 896 (w.) AUSTRALIA. Junior synonym of *picta*: Mayr, 1876: 94; of *urens*: Clark, 1943: 103.

***pyriformis****. Myrmecia pyriformis* Smith, F. 1858b: 144, pl. 10, figs. 1-6 (w.q.m.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1971d: 252 (l.); Imai, Crozier & Taylor, 1977: 345 (k.). Subspecies of *forficata*: Forel, 1910b: 2. Revived status as species: Clark, 1927: 36. Senior synonym of *sanguinea*: Brown, 1953j: 9. See also: Crawley, 1926: 377; Clark, 1951: 99.

***queenslandica****. Myrmecia michaelseni* r. *queenslandica* Forel, 1915b: 4 (w.) AUSTRALIA. Combination in *Promyrmecia*: Clark, 1943: 112; in *Myrmecia*: Taylor & Brown, D.R. 1985: 12. Senior synonym of *overbecki*: Clark, 1943: 112. Raised to species: Ogata & Taylor, 1991: 1663.

*rectidens. Myrmecia piliventris* var. *rectidens* Forel, 1910b: 5 (w.) AUSTRALIA. Clark, 1951: 160 (q.). Combination in *M. (Pristomyrmecia*): Emery, 1911d: 21; in *Promyrmecia*: Clark, 1943: 141. Subspecies of *piliventris*: Clark, 1943: 141. Raised to species: Clark, 1951: 159. Junior synonym of *piliventris*: Brown, 1953j: 20.

*regina. Myrmecia (Pristomyrmecia) regina* Santschi, 1928e: 465 (w.) AUSTRALIA. Junior synonym of *gilberti*: Clark, 1943: 136.

***regularis****. Myrmecia regularis* Crawley, 1925b: 579 (w.) AUSTRALIA. Clark, 1951: 92 (q.m.). Junior synonym of *lucida*: Clark, 1927: 34. Revived from synonymy: Wheeler, W.M. 1933i: 25. See also: Clark, 1951: 93.

*rogeri. Myrmecia tricolor* var. *rogeri* Emery, 1914b: 181 (w.) AUSTRALIA. Viehmeyer, 1924a: 222 (q.). Raised to species: Clark, 1951: 32. Junior synonym of *simillima*: Brown, 1953j: 12.

***rowlandi****. Myrmecia tarsata* subsp. *rowlandi* Forel, 1910b: 4 (w.) AUSTRALIA. Raised to species: Clark, 1951: 78. Senior synonym of *malandensis*: Brown, 1953j: 10; of *cardigaster*: Ogata & Taylor, 1991: 1660.

***rubicunda****. Promyrmecia rubicunda* Clark, 1943: 107, pl. 15, fig. 65 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 15.

*rubra. Myrmecia forficata* var. *rubra* Forel, 1910b: 3 (w.) AUSTRALIA. Clark, 1927: 36 (q.). Raised to species: Clark, 1927: 36. Senior synonym of *violacea*: Clark, 1951: 98. Junior synonym of *forficata*: Brown, 1953j: 28.

***rubripes****. Myrmecia rubripes* Clark, 1951: 34, fig. 12 (w.) AUSTRALIA.

***rufinodis****. Myrmecia rufinodis* Smith, F. 1858b: 145 (w.) AUSTRALIA. Clark, 1951: 38 (q.m.). Senior synonym of *gracilis*: Brown, 1953j: 8.

*rufonigra. Myrmecia rufonigra* Crawley, 1921: 87 (w.) AUSTRALIA. Junior synonym of *varians*: Clark, 1943: 126.

*ruginoda. Ponera ruginoda* Smith, F. 1858b: 93 (m.) AUSTRALIA. Crozier, 1970: 123 (k.). Combination in *Ectatomma*: Roger, 1861b: 168; in *Rhytidoponera*: Emery, 1911d: 38; in *Myrmecia*: Brown, 1953j: 6. Junior synonym of *pilosula*: Brown, 1953j: 6.

*ruginodis. Promyrmecia ruginodis* Clark, 1943: 113, pl. 13, figs. 20-22 (w.q.m.) AUSTRALIA. Junior synonym of *rugosa*: Brown, 1953j: 5.

***rugosa****. Myrmecia (Promyrmecia) michaelseni* subsp. *rugosa* Wheeler, W.M. 1933i: 60 (w.) AUSTRALIA. Raised to species and senior synonym of *ruginodis*: Brown, 1953j: 5.

*sanguinea. Myrmecia sanguinea* Smith, F. 1858b: 148 (w.) AUSTRALIA (Tasmania). Mayr, 1876: 94 (q.); Forel, 1910b: 3 (m.); Wheeler, G.C. & Wheeler, J. 1952a: 112 (l.). Junior synonym of *forficata*: Clark, 1951: 93; of *pyriformis*: Brown, 1953j: 9. See also: Crawley, 1926: 378.

*scabra. Promyrmecia scabra* Clark, 1943: 118, pl. 14, figs. 40, 41 (w.q.) AUSTRALIA. Junior synonym of *harderi*: Brown, 1953j: 16.

*sericata. Myrmecia (Promyrmecia) aberrans* subsp. *sericata* Wheeler, W.M. 1933i: 53 (w.) AUSTRALIA. Combination in *Promyrmecia*: Clark, 1943: 94. Junior synonym of *froggatti*: Brown, 1953j: 17.

*shepherdi. Promyrmecia shepherdi* Clark, 1943: 128, pl. 15, figs. 50-52 (w.q.m.) AUSTRALIA. Junior synonym of *varians*: Brown, 1953j: 15.

***simillima****. Myrmecia simillima* Smith, F. 1858b: 144 (w.) AUSTRALIA. Forel, 1907h: 265 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 253 (l.). Junior synonym of *forficata*: Mayr, 1876: 95. Revived from synonymy as subspecies of *forficata*: Dalla Torre, 1893: 20; Forel, 1907h: 265; Forel, 1910b: 3; Forel, 1915b: 5. Revived status as species: Clark, 1927: 37; Wheeler, W.M. 1933i: 34; Clark, 1951: 89. Senior synonym of *affinis*: Forel, 1907h: 265; Clark, 1951: 89; of *crudelis, nigriventris* (and its junior synonym *spadicea*), *paucidens, rogeri, tricolor*: Brown, 1953j: 12. See also: Crawley, 1926: 376.

*singularis. Myrmecia singularis* Clark, 1951: 26, fig. 5 (w.) AUSTRALIA. Junior synonym of *forceps*: Brown, 1953j: 7.

*spadicea. Myrmecia spadicea* Mayr, 1862: 724 (diagnosis in key) (w.) AUSTRALIA. Junior synonym of *tricolor*: Emery, 1911d: 20; of *nigriventris*: Forel, 1910b: 7; Clark, 1951: 45.

***subfasciata****. Myrmecia subfasciata* Viehmeyer, 1924a: 221 (w.) AUSTRALIA.

*suttoni. Myrmecia suttoni* Clark, 1951: 72, figs. 50, 51 (w.q.) AUSTRALIA. Junior synonym of *fulgida*: Ogata & Taylor, 1991: 1657.

***swalei****. Myrmecia harderi* r. *swalei* Crawley, 1922b: 429 (w.) AUSTRALIA. Clark, 1943: 134 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 253 (l.). Combination in *Promyrmecia*: Clark, 1943: 133; in *Myrmecia*: Taylor & Brown, D.R. 1985: 16. Raised to species: Clark, 1943: 133; Clark, 1951: 176. See also: Ogata & Taylor, 1991: 1665.

***tarsata****. Myrmecia tarsata* Smith, F. 1858b: 145 (w.) AUSTRALIA. Roger, 1861a: 33 (q.); Clark, 1951: 30 (m.). See also: Crawley, 1926: 379; Clark, 1927: 34; Clark, 1951: 28.

*tasmaniensis. Myrmecia tasmaniensis* Smith, F. 1858b: 147 (w.) AUSTRALIA (Tasmania). Junior synonym of *esuriens*: Roger, 1861a: 35.

*taylori. Myrmecia (Promyrmecia) aberrans* subsp. *taylori* Wheeler, W.M. 1933i: 53 (w.) AUSTRALIA. Combination in *Promyrmecia*: Clark, 1943: 95. Junior synonym of *froggatti*: Brown, 1953j: 17.

***tepperi****. Myrmecia tepperi* Emery, 1898b: 231, fig. 1 (q.m.) AUSTRALIA. Clark, 1943: 130 (w.); Wheeler, G.C. & Wheeler, J. 1971d: 253 (l.). Combination in *Promyrmecia*: Clark, 1943: 130; in *Myrmecia*: Taylor & Brown, D.R. 1985: 17. See also: Clark, 1951: 172; Ogata, 1991a: 361.

***testaceipes****. Promyrmecia testaceipes* Clark, 1943: 134, pl. 15, fig. 69 (w.) AUSTRALIA. Combination in *Myrmecia*: Taylor & Brown, D.R. 1985: 17. Senior synonym of *dixoni*: Ogata & Taylor, 1991: 1666.

*tricolor. Myrmecia tricolor* Mayr, 1862: 724 (diagnosis in key) (w.) AUSTRALIA. Clark, 1951: 44 (q.). Junior synonym of *simillima*: Brown, 1953j: 12.

***tridentata****. Myrmecia tridentata* Ogata & Taylor, 1991: 1651, figs. 36-38 (w.) AUSTRALIA.

***urens****. Myrmecia urens* Lowne, 1865b: 336 (w.) AUSTRALIA. Clark, 1943: 104 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 254 (l.). Combination in *Promyrmecia*: Clark, 1943: 103; in *Myrmecia*: Taylor & Brown, D.R. 1985: 17. Junior synonym of *picta*: Mayr, 1876: 94. Revived from synonymy: Clark, 1927: 39. Senior synonym of *pumilio*: Clark, 1943: 103. See also: Ogata, 1991a: 362; Ogata & Taylor, 1991: 1667.

***varians****. Myrmecia varians* Mayr, 1876: 94 (w.) AUSTRALIA. Clark, 1943: 127 (q.); Wheeler, G.C. & Wheeler, J. 1971d: 254 (l.). Combination in *Promyrmecia*: Clark, 1943: 126; in *Myrmecia*: Brown, 1953j: 15. Senior synonym of *rufonigra*: Clark, 1943: 126; of *goudiei, marmorata, shepherdi, wilsoni*: Brown, 1953j: 15. See also: Clark, 1951: 181.

***vindex****. Myrmecia vindex* Smith, F. 1858b: 144 (w.) AUSTRALIA. Roger, 1861a: 34 (q.); Clark, 1925b: 143 (q.m.); Wheeler, G.C. & Wheeler, J. 1971d: 254 (l.). Senior synonym of *basirufa*: Ogata & Taylor, 1991: 1661. See also: Forel, 1907h: 264; Crawley, 1926: 376; Clark, 1951: 67; Douglas & Brown, 1959: 14; Haskins & Haskins, 1974: 258.

*violacea. Myrmecia simillima* var. *violacea* Clark, 1927: 37 (w.) AUSTRALIA. [First available use of *Myrmecia forficata* r. *simillima* var. *violacea* Forel, 1915b: 5; unavailable name (Taylor, 1986: 34).] Junior synonym of *rubra*: Clark, 1951: 98.

*walkeri. Myrmecia walkeri* Forel, 1893d: 456 (w.) AUSTRALIA (Tasmania). Junior synonym of *esuriens*: Emery, 1911d: 20; Clark, 1934a: 16.

*wilsoni. Promyrmecia wilsoni* Clark, 1943: 127, pl. 15, fig. 66 (w.) AUSTRALIA. Junior synonym of *varians*: Brown, 1953j: 15.

\****MYRMECIITES***

\****goliath****. \*Myrmeciites (?) goliath* Archibald, Cover & Moreau, 2006: 502, figs. 14D,E (w.or q.?) CANADA (Eocene).

\****herculeanus****. \*Myrmeciites herculeanus* Archibald, Cover & Moreau, 2006: 500, figs. 12, 17G (w.) CANADA (Eocene).

\****tabanifluviensis****. \*Myrmeciites (?) tabanifluviensis* Archibald, Cover & Moreau, 2006: 502, figs. 15, 16O (indeterminate) CANADA (Eocene).

***MYRMECINA***

***alpina****. Myrmecina alpina* Shattuck, 2009a: 3, figs. 1-4, 47 (w.) AUSTRALIA.

***amamiana****. Myrmecina amamiana* Terayama, 1996: 29, figs. 66-68 (w.) JAPAN.

***americana****. Myrmecina latreillei* subsp. *americana* Emery, 1895c: 271 (w.) U.S.A. Wheeler, G.C. & Wheeler, J. 1954c: 130 (l.). Subspecies of *graminicola*: Wheeler, W.M. 1904e: 300; Wheeler, W.M. 1906b: 1. Raised to species: Brown, 1949a: 44; Creighton, 1950a: 248. Senior synonym of *brevispinosa*: Smith, D.R. 1979: 1399; of *quadrispina*: Brown, 1949a: 44; of *texana*: Brown, 1951: 103; Brown, 1967c: 236; of *californica*: Brown, 1967c: 236. See also: Snelling, R.R. 1965b: 101.

***atlantis****. Myrmecina graminicola* var. *atlantis* Santschi, 1939d: 77 (w.) ALGERIA. Raised to species: Rigato, 1999: 90.

***australis****. Myrmecina australis* Wheeler, G.C. & Wheeler, J. 1973a: 34, attributed to Forel, (l.) AUSTRALIA. Shattuck, 2009a: 6 (w.).

***bandarensis****. Myrmecina bandarensis* Forel, 1913k: 72 (w.q.) INDONESIA (Sumatra).

*bidens. Myrmica bidens* Foerster, 1850a: 50 (w.q.) GERMANY. Schenck, 1852: 95 (m.). Junior synonym of *graminicola*: Mayr, 1855: 421.

***brevicornis****. Myrmecina brevicornis* Emery, 1897c: 582 (w.) INDONESIA (Halmahera I.)

*brevispinosa. Myrmecina americana* subsp. *brevispinosa* Creighton, 1950a: 249 (w.q.m.) U.S.A. [First available use of *Myrmecina latreillei* subsp. *americana* var. *brevispinosa* Emery, 1895c: 271; unavailable name.] Subspecies of *americana*: Snelling, R.R. 1965b: 105. Junior synonym of *americana*: Smith, D.R. 1979: 1399.

***butteli****. Myrmecina butteli* Forel, 1913k: 71, fig. U (w.) INDONESIA (Sumatra).

***cacabau****. Archaeomyrmex cacabau* Mann, 1921: 449, fig. 17 (w.) FIJI IS. Combination in *Myrmecina*: Brown, 1971a: 1. See also: Taylor, 1980d: 122.

*californica. Myrmecina californica* Smith, M.R. 1948: 239 (w.) U.S.A. Subspecies of *americana*: Snelling, R.R. 1965b: 104. Junior synonym of *americana*: Brown, 1967c: 236.

***curtisi****. Myrmecina curtisi* Donisthorpe, 1949b: 497 (w.) NEW GUINEA.

***curvispina****. Myrmecina curvispina* Zhou, Huang & Ma, 2008: 286, figs. 1-3 (w.) CHINA.

*dentata. Myrmecina graminicola* var. *dentata* Santschi, 1939d: 77 (w.) TUNISIA. Junior synonym of *graminicola*: Rigato, 1999: 86.

***difficulta****. Myrmecina difficulta* Shattuck, 2009a: 8, figs. 6, 12-16, 47 (w.) AUSTRALIA.

***eruga****. Myrmecina eruga* Shattuck, 2009a: 10, figs. 5, 17-19, 50 (w.) AUSTRALIA.

***flava****. Myrmecina flava* Terayama, 1985a: 35, figs. 1-5 (w.q.) JAPAN. See also: Lyu & Cho, 2003a: 189.

*gotlandica. Myrmecina graminicola* subsp. *gotlandica* Karavaiev, 1930b: 146 (w.) SWEDEN. Junior synonym of *graminicola*: Rigato, 1999: 86.

***graminicola****. Formica graminicola* Latreille, 1802c: 255 (w.q.m.) DENMARK. Senior synonym of *bidens, latreillii*: Mayr, 1855: 421; of *striatula*: Mayr, 1855: 421; Nylander, 1856b: 96; Forel, 1915d: 20; Donisthorpe, 1915d: 76; Brown, 1951: 106; of *grouvellei*: Müller, 1923: 81; Brown, 1951: 106; Agosti & Collingwood, 1987a: 54; of *kutteri*: Brown, 1951: 106; Baroni Urbani, 1971c: 95; of *dentata, gotlandica, oelandica*: Rigato, 1999: 86. See also: Atanassov & Dlussky, 1992: 177.

*gratiosa* Smith, F. 1858; see under ***PODOMYRMA***.

*grouvellei. Myrmecina graminicola* var. *grouvellei* Bondroit, 1918: 116, fig. 58 (w.) FRANCE. Junior synonym of *graminicola*: Müller, 1923: 81.

***guangxiensis****. Myrmecina guangxiensis* Zhou, 2001b: 139, 237, figs. 275, 276 (w.) CHINA.

***hamula****. Myrmecina hamula* Zhou, Huang & Ma, 2008: 288, figs. 4-6 (w.) CHINA.

***harrisoni****. Myrmecina harrisoni* Brown, 1967c: 237, fig. 3 (w.) MEXICO.

***inaequala****. Myrmecina inaequala* Shattuck, 2009a: 12, figs. 20-22, 51 (w.) AUSTRALIA.

***kaigong****. Myrmecina kaigong* Terayama, 2009: 188, figs. 252, 253 (w.) TAIWAN.

*kutteri. Myrmecina kutteri* Forel, 1914b: 1 (w.) ITALY. [Also described as new by Forel, 1915d: 21 (w.q.m.).] Subspecies of *graminicola*: Emery, 1916b: 171. Junior synonym of *graminicola*: Brown, 1951: 106.

*latreillii. Myrmecina latreillii* Curtis, 1829: 265 (m.) GREAT BRITAIN. Curtis, 1854: 219 (q.). Junior synonym of *graminicola*: Mayr, 1855: 421.

***mandibularis****. Myrmecina mandibularis* Viehmeyer, 1914d: 610 (w.) NEW GUINEA.

***melloni****. Myrmecina meloni* Rigato, 1999: 84, figs. 1, 3, 4, 8 (w.) ITALY.

***modesta****. Myrmecina modesta* Mann, 1919: 335 (w.m.) SOLOMON IS. Current subspecies: nominal plus *subarmata*.

***nesaea****. Myrmecina nesaea* Wheeler, W.M. 1924b: 247 (q.) INDONESIA (Sebesi I.).

***nipponica****. Myrmecina graminicola* subsp. *nipponica* Wheeler, W.M. 1906c: 307 (w.) JAPAN. Raised to species: Onoyama, 1997: 151. See also: Lyu & Cho, 2003a: 190.

*oelandica. Myrmecina graminicola* subsp. *oelandica* Karavaiev, 1930b: 146 (w.q.) SWEDEN. Junior synonym of *graminicola*: Rigato, 1999: 86.

***opaciventris****. Myrmecina opaciventris* Emery, 1897c: 581 (w.) NEW GUINEA.

***pauca****. Myrmecina pauca* Huang, Huang & Zhou, 2008: 275, figs. 1-6 (w.q.) CHINA.

***pilicornis****. Myrmecina pilicornis* Smith, F. 1858b: 133 (m.) INDIA.

***polita****. Myrmecina polita* Emery, 1897d: 557 (w.) NEW GUINEA.

***pumila****. Myrmecina pumila* Shattuck, 2009a: 13, figs. 5, 23-25, 47 (w.) AUSTRALIA.

***punctata****. Myrmecina punctata* Emery, 1897c: 583 (w.m.) NEW GUINEA.

*quadrispina. Myrmecina graminicola* subsp. *quadrispina* Enzmann, J. 1946a: 13, figs. 1, 2 (w.) U.S.A. Junior synonym of *americana*: Brown, 1949a: 44.

***rugosa****. Myrmecina rugosa* Forel, 1902h: 438 (w.m.) AUSTRALIA. See also: Shattuck, 2009a: 13.

***ryukyuensis****. Myrmecina ryukyuensis* Terayama, 1996: 29, figs. 69-71 (w.) JAPAN.

***sauteri****. Myrmecina sauteri* Forel, 1912a: 54 (w.q.) TAIWAN. See also: Lin & Wu, 1998: 89.

***semipolita****. Myrmecina semipolita* Forel, 1905c: 15 (w.) INDONESIA (Java).

***sicula****. Myrmecina latreillei* var. *sicula* André, 1882c: 275 (w.) ITALY (Sicily). De Stefani, 1889: 144 (m.). Raised to species: Emery, 1916a: 59. See also: Baroni Urbani, 1971c: 96; Rigato, 1999: 88.

***silvalaeva****. Myrmecina silvalaeva* Shattuck, 2009a: 15, figs. 5, 7, 29-31, 47 (w.) AUSTRALIA.

***silvampla****. Myrmecina silvampla* Shattuck, 2009a: 15, figs. 5, 7, 32-34, 47 (w.) AUSTRALIA.

***silvangula****. Myrmecina silvangula* Shattuck, 2009a: 15, figs. 5, 7, 35-37, 47 (w.) AUSTRALIA.

***silvarugosa****. Myrmecina silvarugosa* Shattuck, 2009a: 18, figs. 5, 7, 38-40, 47 (w.) AUSTRALIA.

***silvatransversa****. Myrmecina silvatransversa* Shattuck, 2009a: 18, figs. 5, 7, 41-43, 47 (w.) AUSTRALIA.

***sinensis****. Myrmecina graminicola* subsp. *sinensis* Wheeler, W.M. 1921c: 539 (w.) CHINA. Raised to species: Zhou, Huang & Ma, 2008: 290.

***striata****. Myrmecina striata* Emery, 1889b: 500 (w.) MYANMAR.

*striatula. Myrmica striatula* Nylander, 1849: 40 (w.) RUSSIA. Subspecies of *graminicola*: Emery, 1898c: 131. Junior synonym of *graminicola*: Mayr, 1855: 421; Nylander, 1856b: 96; Forel, 1915d: 20; Donisthorpe, 1915d: 76; Brown, 1951: 106.

***strigis****. Myrmecina strigis* Lin & Wu, 1998: 91, figs. 9, 11, 21-24 (w.) TAIWAN.

***subarmata****. Myrmecina modesta* subsp. *subarmata* Mann, 1919: 337 (w.) SOLOMON IS.

***sulcata****. Myrmecina sulcata* Emery, 1887b: 449, pl. 1, fig. 11 (w.m.) INDONESIA (Sulawesi).

***taiwana****. Myrmecina taiwana* Terayama, 1985a: 38, figs. 6-10 (w.q.) TAIWAN. See also: Lin & Wu, 1998: 90.

*texana. Myrmecina graminicola* subsp. *texana* Wheeler, W.M. 1908e: 422 (w.) U.S.A. Subspecies of *americana*: Creighton, 1950a: 250. Junior synonym of *americana*: Brown, 1967c: 236.

***transversa****. Myrmecina transversa* Emery, 1897c: 582 (w.) NEW GUINEA.

***undulata****. Myrmecina undulata* Emery, 1900d: 678 (w.q.) INDONESIA (Sumatra).

***urbanii****. Myrmecina urbanii* Tiwari, 1994: 152, fig. 1 a-d (w.) INDIA.

***vidyae****. Myrmecina vidyae* Tiwari, 1994: 155, fig. 1 e-g (w.) INDIA.

***wesselensis****. Myrmecina wesselensis* Shattuck, 2009a: 21, figs. 44-46, 52 (w.) AUSTRALIA.

*MYRMECINELLA*: see under ***XENOMYRMEX***.

\****MYRMECITES***

\****rotundiceps****. \*Myrmecites rotundiceps* Dlussky & Rasnitsyn, 2002: 422, fig. 19 (q.?) U.S.A. (Eocene).

***MYRMECOCYSTUS***

*abyssinicus* Forel, 1904; see under ***CATAGLYPHIS***.

*adenensis* Forel, 1904; see under ***CATAGLYPHIS***.

*altisquamis* André, 1881; see under ***CATAGLYPHIS***.

*arabica* Emery, 1906; see under ***CATAGLYPHIS***.

*arenaria* Finzi, 1940; see under ***CATAGLYPHIS***.

*arenarius. Myrmecocystus (Eremnocystus) arenarius* Snelling, R.R. 1982b: 71, figs. 1-6, 13, 15, 19, 21, 23 (w.q.m.) U.S.A. [Junior primary homonym of *arenaria* Finzi, 1940: 164, above.] Replacement name: *snellingi* Bolton, 1995b: 275.

*aterrima* Karavaiev, 1916; see under ***CATAGLYPHIS***.

*aurata* Karavaiev, 1911; see under ***CATAGLYPHIS***.

*bellicosus* Karavaiev, 1924; see under ***CATAGLYPHIS***.

*bruneipes* Santschi, 1911; see under ***CATAGLYPHIS***.

*bucharica* Forel, 1904; see under ***CATAGLYPHIS***.

*bugnioni* Forel, 1908; see under ***CATAGLYPHIS***.

*californicus* Cole, 1936; see under ***FORMICA***.

*cana* Emery, 1906; see under ***CATAGLYPHIS***.

*caspius* Ruzsky, 1902; see under ***CATAGLYPHIS***.

***christineae****. Myrmecocystus (Myrmecocystus) christineae* Snelling, R.R. 1982b: 80, figs. 7-12, 14, 16, 20, 22, 24 (w.q.m.) U.S.A.

*cinnamomea* Karavaiev, 1910; see under ***CATAGLYPHIS***.

***colei****. Myrmecocystus (Eremnocystus) colei* Snelling, R.R. 1976: 94, figs. 203-211, 255-258 (w.q.m.) U.S.A.

*comatus. Myrmecocystus comatus* Creighton, 1950a: 442 (w.q.m.) U.S.A. [First available use of *Myrmecocystus melliger* subsp. *mendax* var. *comatus* Wheeler, W.M. 1908d: 352; unavailable name.] Junior synonym of *melliger*: Snelling, R.R. 1969a: 4.

*congolensis* Stitz, 1916; see under ***CATAGLYPHIS***.

***creightoni****. Myrmecocystus creightoni* Snelling, R.R. 1971a: 6, fig. 2 (w.q.m.) U.S.A. See also: Snelling, R.R. 1976: 98.

*cretica* Emery, 1906; see under ***CATAGLYPHIS***.

*cubicus* Forel, 1903; see under ***CATAGLYPHIS***.

*cuneinodis* Karavaiev, 1924; see under ***CATAGLYPHIS***.

***depilis****. Myrmecocystus melliger* var. *depilis* Forel, 1901c: 135 (w.) MEXICO. Snelling, R.R. 1976: 52 (q.m.). Raised to species: Snelling, in Hunt & Snelling, 1975: 22.

*desertorum* Forel, 1894; see under ***CATAGLYPHIS***.

*diehlii* Forel, 1902; see under ***CATAGLYPHIS***.

*emeryi* Karavaiev, 1910; see under ***CATAGLYPHIS***.

***ewarti****. Myrmecocystus ewarti* Snelling, R.R. 1971a: 2, fig. 1 (w.q.m.) U.S.A. See also: Snelling, R.R. 1976: 129.

***flaviceps****. Myrmecocystus yuma* var. *flaviceps* Wheeler, W.M. 1912d: 177 (w.) U.S.A. Snelling, R.R. 1976: 84 (q.m.). Raised to species: Creighton, 1950a: 443.

*flavigastra* Karavaiev, 1924; see under ***CATAGLYPHIS***.

*foreli* Ruzsky, 1903; see under ***CATAGLYPHIS***.

*fortis* Forel, 1902; see under ***CATAGLYPHIS***.

*frigidus* André, 1881; see under ***CATAGLYPHIS***.

*gracilens* Ruzsky, 1905; see under ***CATAGLYPHIS***.

***hammettensis****. Myrmecocystus hammettensis* Cole, 1938b: 678 (w.q.m.) U.S.A. See also: Snelling, R.R. 1976: 101.

*hellenicus* Forel, 1886; see under ***CATAGLYPHIS***.

*hispanica* Forel, 1903; see under ***CATAGLYPHIS***.

*hortusdeorum. Myrmecocystus melliger* var. *hortusdeorum* McCook, 1881b: 69, pl. 7, figs. 37-39, 47, 48, 50; pl. 10, figs. 72, 73, 75-81 (w.q.m.) U.S.A. Forel, 1886f: 202 (q.m.). Raised to species: Forel, 1886f: 202. Subspecies of *mexicanus*: Emery, 1893i: 666; Creighton, 1950a: 446. Junior synonym of *mexicanus*: Snelling, R.R. 1976: 120.

*ibericus* Emery, 1906; see under ***CATAGLYPHIS***.

*idahoensis. Myrmecocystus mexicanus* subsp. *idahoensis* Cole, 1936b: 118 (w.q.m.) U.S.A. Junior synonym of *mojave*: Creighton, 1950a: 448. Revived from synonymy and raised to species: Smith, M.R. 1951a: 854. Junior synonym of *testaceus*: Snelling, R.R. 1976: 135.

***intonsus****. Myrmecocystus (Endiodioctes) intonsus* Snelling, R.R. 1976: 30, figs. 70-72 (w.) MEXICO.

*iridescens* Emery, 1887; see under ***MELOPHORUS***.

*isis* Forel, 1909; see under ***CATAGLYPHIS***.

*italicus* Emery, 1906; see under ***CATAGLYPHIS***.

*jakobsoni* Ruzsky, 1905; see under ***CATAGLYPHIS***.

*jesuita. Myrmecocystus melliger* subsp. *mimicus* var. *jesuita* Wheeler, W.M. 1908d: 354 (w.) U.S.A. **Unavailable name**; material referred to *mimicus* by Creighton, 1950a: 447; Snelling, R.R. 1976: 54.

***kathjuli****. Myrmecocystus (Endiodioctes) kathjuli* Snelling, R.R. 1976: 59, figs. 92-99, 160, 172, 185, 193 (w.q.m.) U.S.A.

***kennedyi****. Myrmecocystus kennedyi* Snelling, R.R. 1969a: 6 (w.q.m.) U.S.A. [First available use of *Myrmecocystus melliger* subsp. *semirufus* var. *kennedyi* Cole, 1936b: 119; unavailable name.] See also: Snelling, R.R. 1976: 62.

***koso****. Myrmecocystus (Endiodioctes) koso* Snelling, R.R. 1976: 74, figs. 127-135, 164, 176, 199, 200 (w.q.m.) U.S.A.

*laevior* Stitz, 1917; see under ***CATAGLYPHIS***.

*lameerei* Forel, 1902; see under ***CATAGLYPHIS***.

*lividus* André, 1881; see under ***CATAGLYPHIS***.

*lomaensis. Myrmecocystus melliger* subsp. *lomaensis* Wheeler, W.M. 1912d: 175 (w.q.) U.S.A. Junior synonym of *mimicus*: Creighton, 1950a: 447; Snelling, R.R. 1976: 54.

*lucasi* Emery, 1898; see under ***CATAGLYPHIS***.

***lugubris****. Myrmecocystus lugubris* Wheeler, W.M. 1909f: 98 (w.) U.S.A. Wheeler, G.C. & Wheeler, J. 1968: 213 (l.). See also: Creighton, 1956: 1; Snelling, R.R. 1976: 104.

*lutea* Emery, 1906; see under ***CATAGLYPHIS***.

*mauritanicus* Emery, 1906; see under ***CATAGLYPHIS***.

***melanoticus****. Myrmecocystus mexicanus* var. *melanoticus* Wheeler, W.M. 1914b: 57 (w.m.) MEXICO. Raised to species: Snelling, R.R. 1976: 116.

***melliger****. Myrmecocystus melliger* Forel, 1886f: 201 (w.) MEXICO. Wheeler, W.M. 1912d: 174 (q.m.); Wheeler, G.C. & Wheeler, J. 1968: 211 (l.). Senior synonym of *comatus*: Snelling, R.R. 1969a: 4. See also: Snelling, R.R. 1976: 31.

***melligera****. Formica melligera* Llave, 1832: 463 (w.) MEXICO. **Unidentifiable taxon**, possibly cognate with *melliger*; *incertae sedis* in *Myrmecocystus*: Bolton, 1995b: 275. See also: Snelling, R.R. 1976: 31.

***mendax****. Myrmecocystus melliger* subsp. *mendax* Wheeler, W.M. 1908d: 351, fig. 4 (w.q.m.) U.S.A. Raised to species: Creighton, 1950a: 445. Senior synonym of *orbiceps*: Snelling, R.R. 1976: 35.

***mexicanus****. Myrmecocystus mexicanus* Wesmael, 1838: 770 (w.) MEXICO. Wheeler, G.C. & Wheeler, J. 1968: 213 (l.). Junior synonym of *melliger*: Forel, 1886f: 201; Mayr, 1886d: 424. Revived from synonymy: Wheeler, W.M. 1908d: 356. Senior synonym of *hortusdeorum*: Snelling, R.R. 1976: 120.

***mimicus****. Myrmecocystus melliger* subsp. *mimicus* Wheeler, W.M. 1908d: 353 (w.q.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1968: 213 (l.). Raised to species: Creighton, 1950a: 446. Senior synonym of *lomaensis* and material of the unavailable name *jesuita* referred here: Creighton, 1950a: 447; Snelling, R.R. 1976: 54.

*mixtus* Forel, 1895; see under ***CATAGLYPHIS***.

*mojave. Myrmecocystus mexicanus* subsp. *mojave* Wheeler, W.M. 1908d: 360 (w.) U.S.A. Wheeler, W.M. 1912d: 180 (q.m.); Wheeler, G.C. & Wheeler, J. 1968: 213 (l.). Raised to species: Creighton, 1950a: 448; Smith, M.R. 1951a: 856. Junior synonym of *testaceus*: Snelling, R.R. 1969a: 6.

***navajo****. Myrmecocystus mexicanus* subsp. *navajo* Wheeler, W.M. 1908d: 360, fig. 11 (w.q.) U.S.A. Snelling, R.R. 1976: 126 (m.). Raised to species: Creighton, 1950a: 449.

***nequazcatl****. Myrmecocystus nequazcatl* Snelling, R.R. 1976: 67, figs. 109-116, 162, 174, 186, 194 (w.q.m.) MEXICO.

*niger* André, 1881; see under ***CATAGLYPHIS***.

*orbiceps. Myrmecocystus melliger* subsp. *orbiceps* Wheeler, W.M. 1908d: 349, fig. 3 (w.q.) U.S.A. Junior synonym of *melliger*: Creighton & Crandall, 1954: 2; of placodops: Snelling, R.R. 1969a: 6; of *mendax*: Snelling, R.R. 1976: 35.

*orientalis* Forel, 1895; see under ***CATAGLYPHIS***.

***perimeces****. Myrmecocystus perimeces* Snelling, R.R. 1976: 106, figs. 234-240 (w.q.) MEXICO.

*persica* Emery, 1906; see under ***CATAGLYPHIS***.

*piliscapa* Forel, 1901; see under ***CATAGLYPHIS***.

***placodops****. Myrmecocystus melliger* var. *placodops* Forel, 1908b: 70 (w.) MEXICO. Snelling, R.R. 1976: 42 (q.m.). Raised to species: Snelling, R.R. 1969a: 6.

***pyramicus****. Myrmecocystus pyramicus* Smith, M.R. 1951c: 91, figs. 1-3 (w.) U.S.A. Cole, 1958b: 129 (q.m.). See also: Snelling, R.R. 1976: 132.

*rockingeri* Forel, 1911; see under ***CATAGLYPHIS***.

***romainei****. Myrmecocystus romainei* Snelling, in Hunt & Snelling, 1975: 22 (w.) U.S.A. [First available use of *Myrmecocystus melliger* subsp. *semirufus* var. *romainei* Cole, 1936b: 120; unavailable name.] Snelling, R.R. 1976: 78 (q.m.).

*rosenhaueri* Emery, 1906; see under ***CATAGLYPHIS***.

*rotundinodis* Karavaiev, 1912; see under ***CATAGLYPHIS***.

*ruber* Forel, 1903; see under ***CATAGLYPHIS***.

*rufiventris* Forel, 1911; see under ***CATAGLYPHIS***.

***semirufus****. Myrmecocystus melliger* var. *semirufus* Emery, 1893i: 667 (w.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1968: 213 (l.); Snelling, R.R. 1976: 46 (q.). Subspecies of *melliger*: Wheeler, W.M. 1908d: 355. Raised to species: Creighton, 1950a: 449.

*seticornis* Emery, 1898; see under ***CATAGLYPHIS***.

*setipedesertorum* Ruzsky, 1905; see under ***CATAGLYPHIS***.

*setipes* Forel, 1894; see under ***CATAGLYPHIS***.

***snellingi****. Myrmecocystus snellingi* Bolton, 1995b: 275. Replacement name for *arenarius* Snelling, R.R. 1982b: 71. [Junior primary homonym of *arenaria* Finzi, 1940: 164.]

*sudanica* Karavaiev, 1912; see under ***CATAGLYPHIS***.

*tancrei* Forel, 1901; see under ***CATAGLYPHIS***.

***tenuinodis****. Myrmecocystus (Eremnocystus) tenuinodis* Snelling, R.R. 1976: 107, figs. 241-247 (w.q.) U.S.A.

***testaceus****. Myrmecocystus melliger* var. *testaceus* Emery, 1893i: 667 (w.) U.S.A. Snelling, R.R. 1976: 136 (q.m.). Junior synonym of *semirufus*: Creighton, 1950a: 449. Revived from synonymy, raised to species and senior synonym of *mojave*: Snelling, R.R. 1969a: 6. Senior synonym of *idahoensis*: Snelling, R.R. 1976: 135.

*turcomanica* Emery, 1898; see under ***CATAGLYPHIS***.

*vaucheri* Emery, 1906; see under ***CATAGLYPHIS***.

*viaticoides* André, 1881; see under ***CATAGLYPHIS***.

***wheeleri****. Myrmecocystus wheeleri* Snelling, R.R. 1971a: 11, fig. 3 (w.q.m.) U.S.A. See also: Snelling, R.R. 1976: 70.

***yuma****. Myrmecocystus yuma* Wheeler, W.M. 1912d: 176 (w.) U.S.A. Snelling, R.R. 1976: 110 (q.). Junior synonym of *lugubris*: Creighton, 1956: 1. Revived from synonymy: Snelling, in Hunt & Snelling, 1975: 23.

*MYRMECOPSIS*: see under ***OPISTHOPSIS***.

***MYRMECORHYNCHUS***

***carteri****. Myrmecorhynchus carteri* Clark, 1934b: 43, pl. 3, figs. 11, 12 (s.w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1970: 648 (l.).

***emeryi****. Myrmecorhynchus emeryi* André, 1896b: 254 (w.) AUSTRALIA. Emery, 1898b: 238 (s.); Wheeler, W.M. 1917f: 17 (l.); Wheeler, G.C. & Wheeler, J. 1968: 208 (l.); Clark, 1934b: 41 (q.m.).

***musgravei****. Myrmecorhynchus musgravei* Clark, 1934b: 43, pl. 3, fig. 10 (m.) AUSTRALIA.

***nitidus****. Myrmecorhynchus nitidus* Clark, 1934b: 44, pl. 3, figs. 13-16 (s.w.q.m.) AUSTRALIA.

***rufithorax****. Myrmecorhynchus rufithorax* Clark, 1934b: 46,pl. 3, figs. 17, 18 (s.w.) AUSTRALIA.

***MYRMELACHISTA***

***ambigua****. Myrmelachista ambigua* Forel, 1893g: 350 (w.) ANTILLES. Combination in *M. (Decamera*): Bruch, 1914: 227; in *M. (Myrmelachista*): Kempf, 1972a: 147.

***amicta****. Myrmelachista amicta* Wheeler, W.M. 1934g: 195 (w.) MEXICO.

***arborea****. Myrmelachista bambusarum* var. *arborea* Forel, 1909a: 263 (q.) PARAGUAY. Forel, 1912i: 60 (w.). Combination in *M. (Decamera*): Forel, 1912i: 60; in *M. (Hincksidris*): Kempf, 1972a: 148. Raised to species: Forel, 1912i: 60. Current subspecies: nominal plus *nasuta*.

***arthuri****. Myrmelachista arthuri* Forel, 1903c: 263 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 148. Senior synonym of *ute*: Kempf, 1978: 36. Current subspecies: nominal plus *brunneiceps*.

***bambusarum****. Myrmelachista bambusarum* Forel, 1903c: 264 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Forel, 1912i: 59; in *M. (Hincksidris*): Kempf, 1972a: 148.

***bettinae****. Myrmelachista bettinae* Forel, 1903c: 261 (diagnosis in key) (w.); 265 (in text) (m.) BRAZIL. Combination in *M. (Decamera*): Forel, 1912i: 59; in *M. (Hincksidris*): Kempf, 1972a: 148.

***brevicornis****. Myrmelachista brevicornis* Wheeler, W.M. 1934g: 199 (w.) BRAZIL.

***bruchi****. Myrmelachista (Decamera) bruchi* Santschi, 1922d: 258 (w.q.m.) ARGENTINA. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***brunneiceps****. Myrmelachista arthuri* var. *brunneiceps* Forel, 1908c: 397 (w.) BRAZIL.

***catharinae****. Myrmelachista catharinae* Mayr, 1887: 527 (w.q.m.) BRAZIL. Combination in *M*. (*Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149. Current subspecies: nominal plus *intermedia, maior, petropolitana*.

***chilensis****. Myrmelachista chilensis* Forel, 1904e: 704 (footnote) (w.) CHILE. Forel, 1908c: 399 (m.). Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149.

***cooperi****. Camponotus (Myrmostenus) cooperi* Gregg, 1951: 80, figs. 2, 3 (q.) COSTA RICA. Longino, 2006a: 14 (w.m.). Combination in *Aphomomyrmex*: Gregg, 1954a: 104; in *Neaphomus*: Kempf, 1972a: 152; in *Myrmelachista*: Snelling & Hunt, 1976: 110.

***cordincola****. Myrmelachista (Decamera) schumanni* var. *cordincola* Wheeler, W.M. 1934g: 202 (w.) BOLIVIA. [Also described as new by Wheeler, W.M. 1942: 255.]

*costaricensis. Myrmelachista costaricensis* Wheeler, W.M. 1934g: 196, fig. 3 (w.m.) COSTA RICA. Junior synonym of *plebecula*: Longino, 2006a: 43.

***dalmasi****. Myrmelachista (Decamera) dalmasi* Forel, 1912i: 60 (w.) COLOMBIA. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***donisthorpei****. Myrmelachista (Decamera) donisthorpei* Wheeler, W.M. 1934g: 204 (w.) GUYANA. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***dubia****. Myrmelachista (Decamera) ulei* r. *dubia* Forel, 1912i: 59 (w.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 150.

***elata****. Myrmelachista (Decamera) elata* Santschi, 1922b: 376 (w.) BRAZIL. Combination in *M*. (*Hincksidris*): Kempf, 1972a: 149.

***elongata****. Myrmelachista gallicola* st. *elongata* Santschi, 1925e: 168 (w.) ARGENTINA. Combination in *M. (Hincksidris*): Kempf, 1972a: 149. Raised to species: Santschi, 1936d: 419.

*flavicornis. Myrmelachista nodigera* var. *flavicornis* Emery, 1896h: 638, fig. F (w.q.) PARAGUAY. Combination in *M. (Hincksidris*): Kempf, 1972a: 150. Junior synonym of *nodigera*: Wild, 2007b: 44.

***flavida****. Myrmelachista (Decamera) flavida* Wheeler, W.M. 1934g: 205 (w.) GUYANA. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***flavocotea****. Myrmelachista flavocotea* Longino, 2006a: 17, figs. 2, 4, 6, 11, 13 (w.q.m.) COSTA RICA.

***flavoguarea****. Myrmelachista flavoguarea* Longino, 2006a: 20, figs. 1, 6, 12, 13 (w.q.m.) COSTA RICA.

***fortior****. Myrmelachista ramulorum* subsp. *fortior* Wheeler, W.M. 1934g: 189 (w.) PUERTO RICO.

***gagates****. Myrmelachista gagates* Wheeler, W.M. 1936b: 204 (w.) HAITI.

***gagatina****. Myrmelachista gagatina* Emery, 1894g: 377 (footnote) (w.) BRAZIL. Combination in *M*. (*Decamera*): Santschi, 1922b: 376; in *M. (Hincksidris*): Kempf, 1972a: 149. Senior synonym of *ina*: Kempf, 1978: 37.

***gallicola****. Myrmelachista gallicola* Mayr, 1887: 528 (w.) URUGUAY. Gallardo, 1915: 27 (q.m.); Santschi, 1916e: 395 (q.m.). Combination in *M. (Decamera*): Forel, 1913l: 245; in *M*. (*Hincksidris*): Kempf, 1972a: 149. Senior synonym of *roveretoi*: Santschi, 1916e: 395; of *rubiginosa*: Santschi, 1936d: 417.

***goeldii****. Myrmelachista goeldii* Forel, 1903c: 262 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149.

***goetschi****. Aphomomyrmex (Neaphomus) goetschi* Menozzi, 1935c: 324, figs. 1-3 (q.m.) CHILE. Combination in *Neaphomus*: Kempf, 1972a: 152; in *Myrmelachista*: Snelling & Hunt, 1976: 110.

***guyanensis****. Myrmelachista guyanensis* Wheeler, W.M. 1934g: 198 (w.q.) GUYANA.

***haberi****. Myrmelachista haberi* Longino, 2006a: 23, figs. 1, 4, 7, 8, 9 (w.q.m.) COSTA RICA.

***hoffmanni****. Myrmelachista hoffmanni* Forel, 1903c: 260 (diagnosis in key) (w.); 265 (in text) (q.m.) CHILE. Forel, 1908c: 399 (m.). Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149. Senior synonym of *rectinota*: Snelling & Hunt, 1976: 113.

*ina. Myrmelachista ina* Kusnezov, 1969: 33 (w.) ARGENTINA. Junior synonym of *gagatina*: Kempf, 1978: 37.

***intermedia****. Myrmelachista (Decamera) catharinae* st. *intermedia* Santschi, 1929d: 308 (w.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***joycei****. Myrmelachista joycei* Longino, 2006a: 25, figs. 2, 5, 7, 8, 10, 14 (w.q.m.) COSTA RICA.

***kloetersi****. Myrmelachista kloetersi* Forel, 1903c: 262 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149.

***kraatzii****. Myrmelachista kraatzii* Roger, 1863a: 163 (w.) CUBA.

***laeta****. Myrmelachista skwarrae* subsp. *laeta* Wheeler, W.M. 1934g: 195 (w.) MEXICO.

***lauroatlantica****. Myrmelachista lauroatlantica* Longino, 2006a: 28, figs. 4, 7, 8, 9 (w.q.m.) COSTA RICA.

***lauropacifica****. Myrmelachista lauropacifica* Longino, 2006a: 31, figs. 4, 6, 11, 13 (w.q.m.) COSTA RICA.

***longiceps****. Myrmelachista longiceps* Longino, 2006a: 33, figs. 5, 7, 8, 12, 14 (w.q.m.) COSTA RICA.

***longinoda****. Myrmelachista longinoda* Forel, 1899c: 124, pl. 4, fig. 18 (q.) PANAMA. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149.

***maior****. Myrmelachista (Decamera) catharinae* var. *maior* Santschi, 1936b: 202 (w.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***manni****. Myrmelachista rogeri* var. *manni* Wheeler, W.M. 1934g: 190 (w.q.) CUBA.

***mayri****. Myrmelachista (Decamera) mayri* Forel, 1886f: 214 (q.) CHILE. Combination in *M. (Hincksidris*): Kempf, 1972a: 149. Senior synonym of *monticola*: Snelling & Hunt, 1976: 113.

***meganaranja****. Myrmelachista meganaranja* Longino, 2006a: 36, figs. 1, 6, 12, 13 (w.q.m.) COSTA RICA.

***mexicana****. Myrmelachista (Decamera) mexicana* Wheeler, W.M. 1934g: 200, fig. 4 (w.q.m.) MEXICO. Combination in *M. (Hincksidris*): Kempf, 1972a: 149. See also Longino, 2006a: 39.

*monticola. Myrmelachista mayri* var. *monticola* Mayr, 1887: 526 (w.) CHILE. Junior synonym of *mayri*: Snelling & Hunt, 1976: 113.

***muelleri****. Myrmelachista muelleri* Forel, 1903c: 259 (q.) BRAZIL. Forel, 1912i: 59 (m.). Combination in *M. (Decamera*): Forel, 1912i: 59; in *M. (Hincksidris*): Kempf, 1972a: 149.

***nasuta****. Myrmelachista (Decamera) arborea* var. *nasuta* Forel, 1912i: 60 (q.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 148.

***nigella****. Decamera nigella* Roger, 1863a: 167 (w.q.) VENEZUELA. Combination in *Myrmelachista*: Dalla Torre, 1893: 175; in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 149. Current subspecies: nominal plus *ruficornis*.

***nigrocotea****. Myrmelachista nigrocotea* Longino, 2006a: 40, figs. 1, 4, 7, 8, 9, 11 (w.q.m.) COSTA RICA.

***nodigera****. Myrmelachista nodigera* Mayr, 1887: 529 (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150. Senior synonym of *flavicornis, pallida*: Wild, 2007b: 44.

***osa****. Myrmelachista osa* Longino, 2006a: 42, figs. 1, 4, 7, 8, 9 (w.q.) COSTA RICA.

***paderewskii****. Myrmelachista paderewskii* Forel, 1908c: 397 (w.q.m.) BRAZIL. Combination in *M. (Decamera)*: Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150.

*pallida. Myrmelachista nodigera* subsp. *pallida* Forel, 1909a: 263 (w.) PARAGUAY. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150. Junior synonym of *nodigera*: Wild, 2007b: 44.

***petropolitana****. Myrmelachista (Decamera) catharinae* var. *petropolitana* Santschi, 1936b: 204 (w.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 149.

***picea****. Myrmelachista skwarrae* subsp. *picea* Wheeler, W.M. 1934g: 194 (w.) MEXICO.

***plebecula****. Myrmelachista plebecula* Menozzi, 1927d: 338 (w.) COSTA RICA. Longino, 2006a: 43 (q.). Senior synonym of *costaricensis*: Longino, 2006a: 43.

***ramulorum****. Myrmelachista ambigua* subsp. *ramulorum* Wheeler, W.M. 1908a: 155, pl. 11, figs. 9, 10 (w.q.m.) PUERTO RICO. Wheeler, G.C. & Wheeler, J. 1953c: 138 (l.). Raised to species: Wheeler, W.M. 1934g: 189. Current subspecies: nominal plus *fortior*.

***reclusi****. Myrmelachista reclusi* Forel, 1903c: 263 (diagnosis in key) (w.) COLOMBIA. Combination in *M. (Decamera*): Forel, 1912i: 59; in *M. (Hincksidris*): Kempf, 1972a: 150.

*rectinota. Myrmelachista rectinota* Forel, 1904e: 705 (footnote) (w.) CHILE. Junior synonym of *hoffmanni*: Snelling & Hunt, 1976: 113.

***reichenspergeri****. Myrmelachista reichenspergeri* Santschi, 1922b: 376 (w.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 150.

***reticulata****. Myrmelachista reticulata* Borgmeier, 1928a: 37, figs. 6, 7 (w.m.) BRAZIL. Combination in *M. (Hincksidris*): Kempf, 1972a: 150.

***rogeri****. Myrmelachista rogeri* André, 1887: 288 (w.) CUBA. Wheeler, W.M. 1934g: 191 (q.). Current subspecies: nominal plus *manni, rubriceps*.

*roveretoi. Myrmelachista (Decamera) roveretoi* Forel, 1913l: 245 (m.) BRAZIL. Junior synonym of *gallicola*: Santschi, 1916e: 395.

*rubiginosa. Myrmelachista rubiginosa* Emery, 1906c: 185 (w.) ARGENTINA. Junior synonym of *gallicola*: Santschi, 1936d: 417.

***rubriceps****. Myrmelachista rogeri* var. *rubriceps* Mann, 1920: 434 (w.) CUBA.

***rudolphi****. Myrmelachista rudolphi* Forel, 1903c: 261 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150.

***ruficornis****. Myrmelachista (Decamera) nigella* var. *ruficornis* Santschi, 1936d: 420 (w.) ARGENTINA.

***ruszkii****. Myrmelachista ruszkii* Forel, 1903c: 265 (diagnosis in key) (w.) BRAZIL. Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150. [Sometimes misspelled as *ruzskyi*, for example Forel, 1904c: 1.]

***schachovskoi****. Myrmelachista (Decamera) schachovskoi* Kusnezov, 1951b: 359, figs. 1, 3, 10 (w.l.) ARGENTINA. Kusnezov, 1960b: 384 (q.). Combination in *M. (Hincksidris*): Kempf, 1972a: 150.

***schumanni****. Myrmelachista (Decamera) schumanni* Emery, 1890a: 70 (footnote) (w.) COLOMBIA. Combination in *M. (Hincksidris*): Kempf, 1972a: 150. Current subspecies: nominal plus *cordincola*.

***skwarrae****. Myrmelachista skwarrae* Wheeler, W.M. 1934g: 192, fig. 2 (w.q.m.) MEXICO. Current subspecies: nominal plus *laeta, picea*.

*thiemei. Myrmelachista zeledoni* var. *thiemei* Emery, 1906c: 185 (footnote) (w.) VENEZUELA. Junior synonym of *zeledoni*: Longino, 2006a: 47.

***ulei****. Myrmelachista ulei* Forel, 1904e: 704 (w.) PERU. Combination in *M. (Decamera*): Forel, 1912i: 59; in *M. (Hincksidris*): Kempf, 1972a: 150. Current subspecies: nominal plus *dubia*.

*ute. Myrmelachista ute* Kusnezov, 1969: 34 (w.) ARGENTINA. Junior synonym of *arthuri*: Kempf, 1978: 36.

***vicina****. Myrmelachista (Decamera) vicina* Kusnezov, 1951b: 360, figs. 2, 4, 5-9 (w.q.m.) ARGENTINA. Combination in *M. (Hincksidris*): Kempf, 1972a: 150.

***zeledoni****. Myrmelachista zeledoni* Emery, 1896g: 102 (w.) COLOMBIA. Wheeler, W.M. 1934g: 203 (m.); Wheeler, G.C. & Wheeler, J. 1953c: 138 (l.); Longino, 2006a: 47 (q.). Combination in *M. (Decamera*): Emery, 1925b: 33; in *M. (Hincksidris*): Kempf, 1972a: 150. Senior synonym of *thiemei*: Longino, 2006a: 47.

*MYRMENTOMA*: see under ***CAMPONOTUS***.

*MYRMEPINOTUS*: see under ***CAMPONOTUS***.

*MYRMEPOMIS*: see under ***CAMPONOTUS***.

*MYRMESPERA*: see under ***CAMPONOTUS***.

*MYRMETAERUS*: see under ***MYRMOXENUS***.

*MYRMEURYNOTA*: see under ***CAMPONOTUS***.

*MYRMEX*: see under ***PSEUDOMYRMEX***.

*MYRMHOPLA*: see under ***POLYRHACHIS***.

***MYRMICA***

*aborigenica. Myrmica aborigenica* Zhigul'skaya, 1991: 58, figs. (w.q.m.) RUSSIA. Junior synonym of *kamtschatica*: Radchenko, 1994g: 86. See also: Zhigul'skaya, Kipyatkov & Kipyatkova, 1992: 72.

*adelaidae* Smith, F. 1858; see under ***PODOMYRMA***.

***ademonia****. Myrmica ademonia* Bolton, 1995b: 277. Replacement name for *aspersa* Kupyanskaya, 1990: 105. [Junior primary homonym of *aspersa* Smith, F. 1865: 72.] See also: Radchenko & Elmes, 2010: 79.

***adrijae****. Myrmica adrijae* Bharti, 2012b: 10, figs. 1-3 (w.) INDIA.

\****aemula****. \*Myrmica aemula* Heer, 1849: 161, pl. 13, fig. 4 (q.) SWITZERLAND (Miocene). [Also described as new by Heer, 1850: 161.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

***afghanica****. Myrmica afghanica* Radchenko & Elmes, 2003b: 3, figs. 1-12 (w.q.) AFGHANISTAN. See also: Radchenko & Elmes, 2010: 81.

*agilis* Smith, F. 1857; see under ***PHEIDOLE***.

*ahngeri. Myrmica scabrinodis* var. *ahngeri* Karavaiev, 1926f: 66, fig. 3 (w.) RUSSIA. Subspecies of *scabrinodis*: Arnol'di, 1970b: 1841; Arnol'di & Dlussky, 1978: 534. Junior synonym of *specioides*: Seifert, 1988b: 16; of *scabrinodis*: Radchenko, 1994e: 79; of *salina*: Seifert, 2011: 183.

***aimonissabaudiae****. Myrmica aimonissabaudiae* Menozzi, 1939a: 286, figs. 1, 3 (w.q.) PAKISTAN. Collingwood, 1961a: 56 (m.). Senior synonym of *dicaporiaccoi*: Radchenko & Elmes, 2001a: 248. [Misspelled as *amedeussabaudiae* by Menozzi, 1939a: 286.] See also: Radchenko & Elmes, 2010: 82.

*alajensis. Myrmica tianshanica* subsp. *alajensis* Arnol'di, 1976a: 550 (w.) KYRGYZSTAN. Junior synonym of *juglandeti*: Radchenko, 1994f: 74.

***alaskensis****. Myrmica brevinodis* var. *alaskensis* Wheeler, W.M. 1917a: 503 (w.) U.S.A. Junior synonym of *kuschei*: Creighton, 1950a: 97; of *brevinodis*: Weber, 1950b: 189; Smith, M.R. 1951a: 789. Revived from synonymy, raised to species and senior synonym of *kuschei*: Francoeur, 1986b: 57.

*albuferensis. Myrmica albuferensis* Lomnicki, 1925b: 2 (w.) SPAIN (Balearic Is.). Junior synonym of *rolandi*: Finzi, 1926: 89; Bernard, 1956b: 257; of *aloba*: Santschi, 1931b: 340; Seifert, 1988b: 29.

*aldrichi* Wheeler, W.M. 1914; see under ***MANICA***.

*algirica* Lucas, 1849; see under ***CREMATOGASTER***.

***aloba****. Myrmica scabrinodis* var. *aloba* Forel, 1909c: 103 (w.) SPAIN. Santschi, 1925g: 340 (q.); Finzi, 1926: 95 (w.); Tinaut & Espadaler, 1987: 61 (m.). Subspecies of *rugulosoides*: Finzi, 1926: 95. Raised to species: Santschi, 1931b: 340; Santschi, 1936c: 199. Senior synonym of *albuferensis*: Santschi, 1931b: 340; of *rolandi*: Seifert, 1988b: 29. See also: Collingwood & Yarrow, 1969: 56; Radchenko & Elmes, 2010: 84.

***alperti****. Myrmica alperti* Elmes & Radchenko, 2009: 117, fig. 7 (w.) NEPAL. See also: Radchenko & Elmes, 2010: 86.

*alpestris. Myrmica lobicornis* subsp. *alpestris* Arnol'di, 1934: 168, figs. 23-25 (w.m.) ARMENIA. Junior synonym of *lobicornis*: Seifert, 1988b: 38.

*alpina. Myrmica lobicornis* subsp. *alpina* Stärcke, 1927: 80, figs. 1, 3 (w.q.) ITALY. Junior synonym of *lobicornis*: Bernard, 1967: 122; Seifert, 1988b: 38; of *lobulicornis*: Seifert, 2005: 6.

*amaurocyclia* Foerster, 1850; see under ***MESSOR***.

***americana****. Myrmica sabuleti* subsp. *americana* Weber, 1939b: 144 (w.q.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1953a: 116 (l.). Raised to species: Creighton, 1950a: 94.

***anatolica****. Myrmica anatolica* Elmes, Radchenko & Aktaç, 2002: 167, figs. 44-60 (w.q.m.) TURKEY. See also: Radchenko & Elmes, 2010: 87.

***angulata****. Myrmica angulata* Radchenko, Zhou & Elmes, 2001: 213, figs. 6-10 (w.) CHINA. Radchenko, Elmes & Bui, 2006: 43 (q.). See also: Radchenko & Elmes, 2010: 88.

***angulinodis****. Myrmica scabrinodis* subsp. *angulinodis* Ruzsky, 1905b: 689 (w.q.) RUSSIA. Radchenko, 1994g: 84 (m.). Raised to species: Collingwood, 1962: 217; Collingwood, 1976: 302. Senior synonym of *baikalensis*: Radchenko, 1994g: 84; of *incurvata*: Radchenko, 2005b: 138. See also: Radchenko & Elmes, 2010: 89.

\****angusticollis****. \*Myrmica angusticollis* Heer, 1849: 162, pl. 13, fig. 7 (q.) SWITZERLAND (Miocene). [Also described as new by Heer, 1850: 162.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*angustifrons. Myrmica lobicornis* subsp. *angustifrons* Stärcke, 1927: 81, figs. 1, 3 (w.q.) GREAT BRITAIN. Junior synonym of *lobicornis*: Seifert, 1988b: 38.

*angustula* Nylander, 1856; see under ***TEMNOTHORAX***.

*apennina. Myrmica lobicornis* subsp. *apennina* Stärcke, 1927: 82, fig. 1 (w.) ITALY. Junior synonym of *lobicornis*: Seifert, 1988b: 38; of *lobulicornis*: Seifert, 2005: 6.

*aquia* Buckley, 1867; see under ***APHAENOGASTER***.

*\*archaica* Meunier, 1915; see under ***APHAENOGASTER***.

*arduennae. Myrmica lobicornis* var. *arduennae* Bondroit, 1911: 12 (w.q.m.) BELGIUM. Raised to species: Bondroit, 1918: 105. Subspecies of *lobicornis*: Emery, 1921f: 38; Menozzi, 1925d: 24; Finzi, 1926: 108; Sadil, 1952: 263. Junior synonym of *lobicornis*: Donisthorpe, 1915d: 134; Bernard, 1967: 122; Boven, 1977: 119; Seifert, 1988b: 38.

***arisana****. Myrmica rugosa* var. *arisana* Wheeler, W.M. 1930a: 95 (w.) TAIWAN. Radchenko & Elmes, 2010: 93 (q.m.). Subspecies of *rugosa*: Weber, 1947: 462. Raised to species and senior synonym of *tipuna*: Elmes & Radchenko, 1998: 221. See also: Radchenko & Elmes, 2010: 92.

***arnoldii****. Myrmica arnoldii* Dlussky, 1963: 191, figs. 1, 4, 5 (w.) RUSSIA. Arnol'di, 1968: 1803 (q.m.). Combination in *M. (Dodecamyrmica*): Arnol'di, 1968: 1803. See also: Francoeur, 1981: 759; Radchenko & Elmes, 2003a: 222; Radchenko & Elmes, 2010: 94.

*aspersa* Smith, F. 1865; see under ***TETRAMORIUM***.

*aspersa. Myrmica aspersa* Kupyanskaya, 1990: 105, figs. 16, 17, 18 (w.q.m.) RUSSIA. [Junior primary homonym of *Myrmica aspersa* Smith, F. 1865: 72, above.] Replacement name: *ademonia* Bolton, 1995b: 277.

***assimilis****. Myrmica assimilis* Spinola, 1851b: 50 (w.) BRAZIL. [Also described as new by Spinola, 1853: 66.] **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 277.

*atlantica. Myrmica scabrinodis* var. *atlantica* Stärcke, 1942c: xxvii. *Nomen nudum*; see under *puerilis*.

*atomaria* Gerstäcker, 1859; see under ***MONOMORIUM***.

*atra* Buckley, 1867; see under ***MONOMORIUM***.

*atratula* Schenck, 1852; see under ***ANERGATES***.

***bactriana****. Myrmica smythiesi* var. *bactriana* Ruzsky, 1915a: 438, figs. 16-18 (w.m.) TIBET. Raised to species: Radchenko & Elmes, 2010: 96. Senior synonym of *furva*: Radchenko & Elmes, 2010: 96.

*baikalensis. Myrmica saposhnikovi* subsp. *baikalensis* Pisarski, 1969a: 228 (w.q.) RUSSIA. [First available use of *Myrmica scabrinodis* subsp. *saposhnikovi* var. *baikalensis* Karavaiev, 1931b: 28; unavailable name.] Junior synonym of *angulinodis*: Radchenko, 1994g: 84.

***bakurianica****. Myrmica pilosiscapus* subsp. *bakurianica* Arnol'di, 1970b: 1842 (w.q.m.) GEORGIA. Raised to species: Seifert, 1988b: 22. Junior synonym of *bessarabica*: Radchenko, 1994e: 77; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication). Revived status as species: Radchenko & Elmes, 2010: 98.

*balcanica. Myrmica (Myrmica) balcanica* Sadil, 1952: 253, figs. V, 1-18; VIII, 24; IX, 21; X, 8 (w.q.m.) CZECHOSLOVAKIA, SERBIA, BULGARIA. Junior synonym of *sancta*: Arnol'di, 1970b: 1840; of *specioides*: Pisarski, 1975: 12; Kutter, 1977c: 70; Seifert, 1988b: 16; of *bessarabica*: Dlussky, Soyunov & Zabelin, 1990: 182; Atanassov & Dlussky, 1992: 93; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication); Radchenko & Elmes, 2010: 284.

*barbata* Smith, F. 1858; see under ***POGONOMYRMEX***.

*barchanica. Myrmica bergi* var. *barchanica* Ruzsky, 1905b: 678 (w.) RUSSIA. Junior synonym of *bergi*: Arnol'di, 1970b: 1839.

*basalis* Smith, F. 1858; see under ***MONOMORIUM***.

*beesoni* Mukerjee, 1934; see under ***TETRAMORIUM***.

***bergi****. Myrmica bergi* Ruzsky, 1902b: 473 (w.) KAZAKHSTAN. [Also described as new by Ruzsky, 1902c: 12.] Ruzsky, 1905b: 676 (q.m.); Emery, 1908a: 172 (q.m.). Senior synonym of *barchanica*: Arnol'di, 1970b: 1839; of *kamyschiensis, kirgisica*: Seifert, 1988b: 11; of *persiana*: Radchenko, 1994e: 76. See also: Tarbinsky, 1976: 45; Radchenko, Elmes & Woyciechowski, 2002: 413; Radchenko & Elmes, 2010: 101.

*bergiana. Myrmica saposhnikovi* subsp. *bergiana* Tarbinsky, 1976: 38, figs. 37-39 (w.) KYRGYZSTAN. Junior synonym of *saposhnikovi*: Radchenko, 1994g: 85.

***bessarabicus****. Myrmica scabrinodis* var. *bessarabicus* Nasonov, 1889: 36 (w.) MOLDOVA. Junior synonym of *sabuleti*: Weber, 1948a: 288; Sadil, 1952: 246. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Seifert, 2002a: 95; Radchenko & Elmes, 2004: 229. See also: Radchenko & Elmes, 2010: 657.

*betuliana. Myrmica betuliana* Ruzsky, 1946: 70 (w.) RUSSIA. Junior synonym of *schencki*: Radchenko, 1994f: 77.

***bibikoffi****. Myrmica bibikoffi* Kutter, 1963: 130, figs. 1-11 (w.q.m.) SWITZERLAND. See also: Kutter, 1973c: 255; Kutter, 1977c: 65; Radchenko & Elmes, 2003a: 227; Radchenko & Elmes, 2010: 104.

*bicarinata* Nylander, 1846; see under ***TETRAMORIUM***.

\**bicolor. \*Myrmica bicolor* Heer, 1867: 31, pl. 2, fig. 11 (q.?) CROATIA (Miocene). Junior synonym of \**tertiaria*: Dalla Torre, 1893: 117. See also: Mayr, 1867b: 60.

*bicolor. Myrmica bicolor* Kupyanskaya, 1986b: 94, figs. 1-5 (w.q.m.) RUSSIA. [Junior primary homonym of \**bicolor* Heer, above.] Replacement name: *displicentia* Bolton, 1995b: 278. See also: Kupyanskaya, 1990: 106.

*bidens* Foerster, 1850; see under ***MYRMECINA***.

*bidentata* Smith, F. 1858; see under ***MONOMORIUM***.

*birulensis. Myrmica scabrinodis* var. *birulensis* Ruzsky, 1915b: 10 (in text). *Nomen nudum*.

*blanda* Smith, F. 1858; see under ***ROGERIA***.

***boltoni****. Myrmica boltoni* Radchenko & Elmes, 1998: 18, fig. 4 (11-17) (w.) NEPAL. See also: Radchenko & Elmes, 2010: 104.

*bradleyi* Wheeler, W.M. 1909; see under ***MANICA***.

***brancuccii****. Myrmica brancuccii* Radchenko, Elmes & Collingwood, in Radchenko & Elmes, 1999a: 30, fig. 1 (1-5) (w.) NEPAL. See also: Radchenko & Elmes, 2010: 106.

\****bremii****. \*Myrmica bremii* Heer, 1849: 161, pl. 13, fig. 5 (q.) CROATIA (Miocene). [Also described as new by Heer, 1850: 161.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

***breviceps****. Myrmica breviceps* Smith, F. 1878b: 12 (q.) INDIA. **Unidentifiable taxon**, *incertae* *sedis* in *Myrmica*: Radchenko & Elmes, 2001a: 238. See also: Radchenko & Elmes, 2010: 658.

*brevinodis. Myrmica rubra* subsp. *brevinodis* Emery, 1895c: 312 (w.m.) U.S.A. Wheeler, W.M. 1907b: 74 (q.); Wheeler, G.C. & Wheeler, J. 1953a: 116 (l.). Raised to species: Wheeler, W.M. 1914b: 53 (in text); Wheeler, W.M. 1917a: 502. Senior synonym of *canadensis, subalpina*: Weber, 1950b: 189. Junior synonym of *incompleta*: Francoeur & Béique, 1966: 141.

*brevipennis* Smith, F. 1858; see under ***POGONOMYRMEX***.

*brevispina. Myrmica rugosa* subsp. *dshungarica* var. *brevispina* Kuznetsov-Ugamsky, 1927e: 193 (w.) KYRGYZSTAN. **Unavailable name**; material referred to *dshungarica* by Tarbinsky, 1976: 29.

***brevispinosa****. Myrmica brevinodis* var. *brevispinosa* Wheeler, W.M. 1917a: 502 (w.q.m.) U.S.A. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *brevispinosa* Wheeler, W.M. 1907b: 74; unavailable name.] Wheeler, G.C. & Wheeler, J. 1953a: 117 (l.). Subspecies of *brevinodis*: Wheeler, G.C. & Wheeler, E.W. 1944: 241. Raised to species: Creighton, 1950a: 97. Senior synonym of *decedens*: Weber, 1950b: 198.

*bruesi. Myrmica laevinodis* var. *bruesi* Weber, 1947: 453 (w.q.m.) U.S.A. [First available use of *Myrmica rubra* subsp. *laevinodis* var. *bruesi* Wheeler, W.M. 1906a: 38; unavailable name.] Junior synonym of *laevinodis*: Creighton, 1950a: 104.

*brunescens. Myrmica (Myrmica) schencki* var. *brunescens* Karavaiev, 1929b: 208 (w.) RUSSIA (North Caucasus). Subspecies of *lobicornis*: Santschi, 1931b: 350; Arnol'di, 1934: 167. Junior synonym of *lobicornis*: Radchenko, 1994g: 87.

*burtshakabramovitshi. Myrmica (Myrmica) schencki* var. *burtshakabramovitshi* Karavaiev, 1929b: 209, fig. 4 (w.) UKRAINE. Subspecies of *lobicornis*: Santschi, 1931b: 351; Arnol'di, 1934: 167; Karavaiev, 1934: 92. Junior synonym of *lobicornis*: Arnol'di, 1970b: 1842.

*busoni. Myrmica busoni* Chapman & Capco, 1951: 125. *Nomen nudum*, attributed to Ruzsky.

***cachmiriensis****. Myrmica smythiesii* r. *cachmiriensis* Forel, 1904c: 23 (w.) INDIA. Menozzi, 1939a: 292 (m.). Raised to species: Radchenko & Elmes, 2001a: 251. Senior synonym of *lutescens*: Radchenko & Elmes, 2001a: 251. See also: Radchenko & Elmes, 2010: 107.

*cadusa. Myrmica cadusa* Kim, Park & Kim, 1997: 425, fig. 1 (w.) SOUTH KOREA. Junior synonym of *excelsa*: Radchenko, 2005b: 140.

***caeca****. Myrmica caeca* Jerdon, 1851: 116 (w.) INDIA. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 278; *incertae sedis* in Myrmicinae: Radchenko & Elmes, 2010: 664.

*caeca* Smith, F. 1860; see under ***LIOMYRMEX***.

***cagnianti****. Myrmica cagnianti* Espadaler, 1996: 68, figs. 1-12 (w.q.m.) MOROCCO. See also: Radchenko & Elmes, 2010: 108.

*californica* Buckley, 1867; see under ***POGONOMYRMEX***.

*canadensis. Myrmica brevinodis* var. *canadensis* Wheeler, W.M. 1916m: 587 (w.q.m.) CANADA. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *canadensis* Wheeler, W.M. 1907b: 76; unavailable name.] Junior synonym of *brevinodis*: Weber, 1950b: 189.

*carbonaria* Smith, F. 1858; see under ***MONOMORIUM***.

*carbonaria. Myrmica smythiesii* subsp. *carbonaria* Forel, 1902c: 227 (w.) INDIA. [Junior primary homonym of *carbonaria* Smith, F. 1858b: 127, above.] Replacement name: *foreliana* Radchenko & Elmes, 2001a: 247.

*carinata* Smith, F. 1859; see under ***TETRAMORIUM***.

*carinata. Myrmica carinata* Kupyanskaya, 1990: 114, figs. 16, 19, 20 (w.q.m.) RUSSIA. [Junior primary homonym of *carinata* Smith, F. 1859a: 148, above.] Replacement name: *taediosa* Bolton, 1995b: 284.

*cariniceps* Guérin-Méneville, 1852; see under ***TETRAMORIUM***.

*castanea* Smith, F. 1858; see under ***PHEIDOLE***.

*caucasica. Myrmica rugulosa* subsp. *caucasica* Arnol'di, 1934: 165, figs. 17-20 (w.m.) CAUCASUS. Unnecessary replacement name for *rugulososcabrinodis* Karavaiev. Seifert, 1988b: 19 (q.). Raised to species: Seifert, 1988b: 19. Junior synonym of *bessarabica*: Dlussky, Soyunov & Zabelin, 1990: 182; Atanassov & Dlussky, 1992: 93; of *rugulososcabrinodis*: Radchenko & Elmes, 2004: 231; of *hellenica*: Seifert, *et al*. 2009: 68.

***caucasicola****. Myrmica schencki* nat. *caucasicola* Arnol'di, 1934: 172, fig. 38-40 (w.m.) ARMENIA, AZERBAIJAN. Radchenko, Elmes & Alicata, 2006: 519 (q.). Raised to species: Arakelian, 1994: 24; Radchenko, 1994a: 44; Radchenko, 1994c: 140 (in key); Radchenko, 1994f: 79. See also: Seifert, 2003b: 147; Radchenko & Elmes, 2010: 109.

*cerasi* Fitch, 1854; see under ***CREMATOGASTER***.

*champlaini. Myrmica rubra* r. *champlaini* Forel, 1901h: 80 (w.) CANADA. Subspecies of *laevinodis*: Weber, 1947: 454; of rubra: Creighton, 1950a: 103. Junior synonym of *laevinodis*: Smith, M.R. 1951a: 789.

*chersonensis. Myrmica rugulosa* subsp. *limanica* nat. *chersonensis* Arnol'di, 1934: 164, figs. 14, 15 (w.m.) UKRAINE. **Unavailable name**; material referred to *limanica* by Arnol'di, 1970b: 1840; to *gallienii* by Radchenko, 1994e: 76. [Also described as new by Arnol'di, in Karavaiev, 1934: 76; unavailable name.]

*chinensis. Myrmica chinensis* Viehmeyer, 1922: 204 (q.m.) CHINA. Subspecies of *tibetana*: Weber, 1947: 466. Revived status as species: Radchenko, 1994a: 41. Junior synonym of *kurokii*: Radchenko & Elmes, 2010: 179.

*cingulata* Schenck, 1852; see under ***TEMNOTHORAX***.

*clandestina. Myrmica clandestina* Foerster, 1850a: 63 (w.) GERMANY. Schenck, 1852: 85 (q.m.). Junior synonym of *rugulosa*: Mayr, 1855: 405.

*clypeata* Mayr, 1853; see under ***TEMNOTHORAX***.

*coeca* Buckley, 1867; see under ***NEIVAMYRMEX***.

***colax****. Paramyrmica colax* Cole, 1957a: 37, fig. 1 (w.q.) U.S.A. Wheeler, G.C. & Wheeler, J. 1959: 219 (l.). Combination in *Myrmica*: Bolton, 1988a: 4.

***collingwoodi****. Myrmica collingwoodi* Radchenko & Elmes, 1998: 23, fig. 6 (w.q.) BHUTAN. See also: Radchenko & Elmes, 2010: 111.

*columbiana* Buckley, 1867; see under ***CREMATOGASTER***.

***commarginata****. Myrmica commarginata* Ruzsky, 1905b: 708 (w.) RUSSIA. See also: Radchenko, 1994c: 138; Radchenko & Elmes, 2010: 112.

\****concinna****. \*Myrmica concinna* Heer, 1867: 32, pl. 2, fig. 13 (caste?) CROATIA (Miocene). **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*consternens* Walker, 1859; see under ***CREMATOGASTER***.

***constricta****. Myrmica rugulosa* var. *constricta* Karavaiev, 1934: 74. Replacement name for *minuta* Karavaiev, 1929b: 204. [Junior primary homonym of *minuta* Ruzsky, 1905b: 670.] Junior synonym of *slobodensis*: Karavaiev, 1936: 274 (priority incorrect, *constricta* has seniority); of *rugulosa*: Arnol’di, 1970: 1840; of *hellenica*: Radchenko, 2009: 70. Revived status as species: Seifert, *et al*. 2009: 72. Senior synonym of *slobodensis*: Seifert, *et al*. 2009: 72. See also: Radchenko & Elmes, 2010: 113.

*contigua* Smith, F. 1858; see under ***MONOMORIUM***.

***corrugata****. Myrmica corrugata* Say, 1836: 291 (q.m.) U.S.A. **Unidentifiable taxon**; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414. **Unidentifiable to genus**; *incertae* *sedis* in *Myrmica*: Bolton, 1995b: 278.

*corticalis* Schenck, 1852; see under ***TEMNOTHORAX***.

***crassirugis***. *Myrmica crassirugis* Francoeur, 2007: 164, figs. 28 – 31 (w.q.m.) U.S.A.

***curiosa****. Myrmica curiosa* Radchenko, Zhou & Elmes, in Radchenko, Zhou, *et al*. 2008: 769, figs. 1-10 (w.q.) CHINA. See also: Radchenko & Elmes, 2010: 115.

***cursor****. Myrmica cursor* Smith, F. 1878b: 11 (q.) INDIA. **Unidentifiable taxon**, *incertae* *sedis* in *Myrmica*: Radchenko & Elmes, 2001a: 238. See also: Radchenko & Elmes, 2010: 659.

***curvispinosa****. Myrmica curvispinosa* Bharti & Sharma, 2013: 124, figs. 1-9 (w.q. ergatoid q.) INDIA.

***curvithorax****. Myrmica curvithorax* Bondroit, 1920a: 148, fig. 1 (w.) SPAIN.

*dagmarae. Myrmica moravica* var. *dagmarae* Sadil, 1939b: 108 (w.q.m.) CZECHIA. Junior synonym of *deplanata*: Radchenko & Elmes, 2010: 116.

*daurica. Myrmica daurica* Motschoulsky, 1860b: 500. *Nomen nudum*. Material referred to *eidmanni* by Radchenko & Elmes, 2010: 663.

*debilior. Myrmica rugosa* var. *debilior* Forel, 1902c: 228 (w.) INDIA. Senior synonym of *rugososmythiesi*: Forel, 1902c: 228. Junior synonym of *rupestris*: Radchenko & Elmes, 2001a: 245.

*debilis* Foerster, 1850; see under ***STENAMMA***.

*decedens. Myrmica brevinodis* var. *decedens* Wheeler, W.M. 1917a: 503 (w.m.) U.S.A. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *decedens* Wheeler, W.M. 1907b: 75; unavailable name.] Junior synonym of *brevispinosa*: Weber, 1950b: 198.

*dentata. Myrmica bergi* subsp. *dshungarica* var. *dentata* Kuznetsov-Ugamsky, 1927e: 192 (m.) KAZAKHSTAN. **Unavailable name**; material referred to *dshungarica* by Radchenko, 1994f: 73.

*denticornis. Myrmica denticornis* Curtis, 1854: 215, figs. 18, 19 (w.m.) GREAT BRITAIN. Smith, F. 1855b: 121 (q.). Junior synonym of *lobicornis*: Mayr, 1861: 63.

***deplanata****. Myrmica lobicornis* var. *deplanata* Emery, 1921f: 38 (w.) UKRAINE, RUSSIA, GEORGIA. [First available use of *Myrmica scabrinodis* subsp. *lobicornis* var. *deplanata* Ruzsky, 1905b: 700; unavailable name.] Subspecies of *lobicornis*: Karavaiev, 1927a: 283; of *schencki*: Finzi, 1926: 111. Raised to species: Arnol'di, 1934: 169; Karavaiev, 1934: 83; Stitz, 1939: 105; Tarbinsky, 1976: 31. Senior synonym of *moravica, plana*: Karavaiev, 1934: 83; Arnol'di, 1970b: 1843; Seifert, 1988b: 36; Radchenko & Elmes, 2009c: 511; Radchenko & Elmes, 2010: 116; of *dagmarae*: Radchenko & Elmes, 2010: 116. Junior synonym of *lacustris*: Radchenko, 1994f: 77; Seifert, 2003b: 150; Radchenko, Elmes & Alicata, 2006: 516. Revived from synonymy: Radchenko & Elmes, 2009c: 511. See also: Radchenko & Elmes, 2010: 116.

*derzhavini. Myrmica sulcinodis* subsp. *derzhavini* Ruzsky, 1920: 76 (w.) RUSSIA. Junior synonym of *sulcinodis*: Kupyanskaya, 1986b: 94.

***detritinodis****. Myrmica scabrinodis* var. *detritinodis* Emery, 1921f: 40 (w.) U.S.A. [First available use of *Myrmica rubra* subsp. *scabrinodis* var. *detritinodis* Emery, 1895c: 316; unavailable name.] Junior synonym of *fracticornis*: Weber, 1948a: 276; Smith, M.R. 1951a: 790 (misspelled as *detrinodis*). Revived from synonymy and raised to species: Ouellette, *et al*. 2010: 1450.

*dicaporiaccoi. Myrmica dicaporiaccoi* Menozzi, 1939a: 289, figs. 5, 6 (w.) PAKISTAN. Junior synonym of *aimonissabaudiae*: Radchenko & Elmes, 2001a: 248.

*diffusa* Jerdon, 1851; see under ***CREMATOGASTER***.

*diligens* Smith, F. 1865; see under ***TETRAMORIUM***.

*diluta. Myrmica diluta* Nylander, 1849: 41 (w.) RUSSIA. Junior synonym of *ruginodis*: Mayr, 1861: 63; Radchenko, 2007: 28.

*dimidiata. Myrmica dimidiata* Say, 1836: 293 (q.) U.S.A. Junior synonym of *ruginodis*: Weber, 1947: 448. **Unidentifiable taxon**; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414.

***discontinua****. Myrmica brevinodis* subsp. *discontinua* Weber, 1939b: 150 (w.) U.S.A. Subspecies of *brevispinosa*: Creighton, 1950a: 98. Raised to species: Talbot, 1976: 245; Francoeur, 1977b: 206.

***displicentia****. Myrmica displicentia* Bolton, 1995b: 278. Replacement name for *bicolor* Kupyanskaya, 1986b: 94. [Junior primary homonym of \**bicolor* Heer, 1867: 31.] See also: Radchenko & Elmes, 2010: 119.

***divergens****. Myrmica bergi* var. *divergens* Karavaiev, 1931c: 105, fig. 1 (w.) RUSSIA. Radchenko, Elmes & Woyciechowski, 2002: 411 (q.m.). Subspecies of *bergi*: Pisarski, 1969a: 227; Dlussky & Pisarski, 1970: 85. Junior synonym of *bergi*: Radchenko, 1994e: 76. Revived from synonymy and raised to species: Radchenko, Elmes & Woyciechowski, 2002: 411. See also: Radchenko & Elmes, 2010: 121.

***diversa****. Myrmica (Monomorium) diversa* Buckley, 1867: 337 (w.q.) U.S.A. **Unidentifiable taxon**; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 278. See also: Emery, 1895c: 338; Wheeler, W.M. 1902f: 26.

*dolens. Myrmica puerilis* ab. *dolens* Stärcke, 1942c: xxvii (w.q.m.) NETHERLANDS. Subspecies of *bessarabica*: Bolton, 1995b: 278. Subspecies of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication). Junior synonym of *specioides*: Radchenko & Elmes, 2010: 284; Seifert, 2011: 183.

*domestica* Shuckard, 1838; see under ***MONOMORIUM***.

***draco****. Myrmica draco* Radchenko, Zhou & Elmes, 2001: 214, figs. 11-26 (w.q.m.) CHINA. See also: Radchenko & Elmes, 2010: 122.

***dshungarica****. Myrmica rugosa* subsp. *dshungarica* Ruzsky, 1905b: 661 (w.) KAZAKHSTAN. Kuznetsov-Ugamsky, 1927e: 191 (q.m.); Wheeler, G.C. & Wheeler, J. 1953a: 123 (l.). Subspecies of *smythiesii*: Emery, 1908a: 169; Weber, 1947: 458. Raised to species: Arnol'di, 1976a: 551; Tarbinsky, 1976: 29; Radchenko, 1994c: 137 (in key). Senior synonym of *ruginodiformis*: Arnol'di, 1976a: 551; of *iskanderi, minuta, svartshevskii* (misspelled as *swartschewskii*), *tarbinskii*: Radchenko, 1994f: 73. Material of the unavailable names *brevispina, infuscata* referred here by Tarbinsky, 1976: 29; material of the unavailable names *dentata, subacuta* referred here by Radchenko, 1994f: 73. See also: Radchenko & Elmes, 2010: 124.

\**duisburgi* Mayr, 1868; see under \****AGROECOMYRMEX***.

***eidmanni****. Myrmica eidmanni* Menozzi, 1930d: 331, fig. 3 (w.) RUSSIA. Subspecies of *scabrinodis*: Weber, 1950b: 204. Revived status as species and senior synonym of *littoralis*: Radchenko, 2005b: 139. See also: Radchenko & Elmes, 2010: 127.

***elbrusi****. Myrmica elbrusi* Radchenko & Yusupov, 2012: 594, figs. 1-9 (w.q.) RUSSIA.

***elmesi****. Myrmica elmesi* Bharti & Sharma, 2011a: 54, figs. 1-3 (w.) INDIA.

*emeryana. Myrmica schencki* subsp. *emeryana* Cole, 1942: 368 (w.q.m.) U.S.A. [First available use of *Myrmica scabrinodis* r. *schencki* var. *emeryana* Forel, 1914c: 617; unavailable name.] Wheeler, G.C. & Wheeler, J. 1953a: 114 (l.). Subspecies of *schencki*: Buren, 1944a: 283. Raised to species: Creighton, 1950a: 98; Cole, 1953d: 243. Synonym of *latifrons*: Weber, 1948a: 298; Smith, M.R. 1954d: 138; Wheeler, G.C. & Wheeler, J. 1986g: 12. [All these authors give *emeryana* as the senior synonym, but *latifrons* has priority and is the first available name for this taxon: Bolton, 1995b: 278.]

***emeryi****. Myrmica emeryi* Radchenko & Elmes, 2009b: 3, figs. 1-5 (w.) BORNEO (Pulo Laut). See also: Radchenko & Elmes, 2010: 128.

*\*****eocenica****. \*Myrmica eocenica* Radchenko, Dlussky & Elmes, 2007: 1497, figs. 4, 5 (w.) BALTIC AMBER (Eocene). See also: Radchenko & Elmes, 2010: 653.

***ereptrix****. Myrmica ereptrix* Bolton, 1988a: 2, figs. 1, 5 (q.) INDIA. See also: Radchenko & Elmes, 2003a: 236; Radchenko & Elmes, 2010: 130.

*erythrothorax. Myrmica erythrothorax* Lund, 1831a: 116 (footnote) (w.) BRAZIL. *Nomen nudum*.

*europaea. Myrmica laevinodis* var. *europaea* Finzi, 1926: 84 (w.) NORWAY. [First available use of *Myrmica rubra* subsp. *champlaini* var. *europaea* Forel, 1911h: 457; unavailable name.] Santschi, 1931b: 339 (m.). Subspecies of *laevinodis*: Stitz, 1939: 83; of *rubra*: Bolton, 1995b: 279. Junior synonym of *rubra*: Radchenko, Czechowski & Czechowska, 1997: 483; Czechowski, Radchenko & Czechowska, 2002: 17.

*everesti. Myrmica everesti* Donisthorpe, 1929a: 445 (w.) TIBET. Junior synonym of *rupestris*: Radchenko & Elmes, 2001a: 245.

***excelsa****. Myrmica excelsa* Kupyanskaya, 1990: 115, figs. 16, 19, 20 (w.q.m.) RUSSIA. Senior synonym of *cadusa*: Radchenko, 2005b: 140; of *sinica*: Radchenko, Zhou, *et al*. 2008: 783. See also: Yamane, 2008: 29; Radchenko & Elmes, 2010: 131.

*exigua* Buckley, 1867; see under ***SOLENOPSIS***.

*exigua. Myrmica smythiesi* subsp. *exigua* Ruzsky, 1915a: 440, figs. 19, 20 (w.m.) TIBET. [Junior primary homonym of *exigua* Buckley, 1867: 342, above.] Replacement name: *ruzskyana* Radchenko & Elmes, 2010: 249.

*eximia. Myrmica sulcinodis* subsp. *eximia* Kupyanskaya, 1990: 104, figs. 17, 18 (w.q.m.) RUSSIA. Junior synonym of *sulcinodis*: Radchenko, 1994g: 81.

*faniensis. Myrmica faniensis* Boven, 1970a: 127, figs. 1, 2 (q.) BELGIUM. Junior synonym of *karavajevi*: Seifert, 1994: 15. See also: Kutter, 1973c: 256; Boven, 1977: 114; Bolton, 1988a: 4.

***ferganensis****. Myrmica laevinodis* var. *ferganensis* Finzi, 1926: 84 (w.) KYRGYZSTAN. [First available use of *Myrmica rubra* subsp. *laevinodis* var. *ferganensis* Karavaiev, 1916: 503; unavailable name.] Junior synonym of *ruginodolaevinodis*: Sadil, 1952: 241. Revived from synonymy and raised to species: Arnol'di, 1976a: 550. Junior synonym of *rubra*: Tarbinsky, 1976: 40. Revived from synonymy and raised to species: Radchenko, 1994a: 41; Radchenko, 1994c: 137 (in key); Radchenko, 1994f: 74. See also: Radchenko & Elmes, 2010: 133.

*flavidula* Nylander, 1849; see under ***SOLENOPSIS***.

*fodicus* Jerdon, 1851; see under ***MYRMICARIA***.

***forcipata****. Myrmica (Myrmica) forcipata* Karavaiev, 1931c: 105, fig. 2 (w.) RUSSIA. See also: Radchenko & Elmes, 2010: 134.

*foreli. Myrmica lobicornis* st. *foreli* Santschi, 1931b: 348, fig. 6 (w.q.) AUSTRIA. Junior synonym of *lobicornis*: Bernard, 1967: 122; Seifert, 1988b: 38.

***foreliana****. Myrmica foreliana* Radchenko & Elmes, 2001a: 247. Replacement name for *carbonaria* Forel, 1902c: 227. [Junior primary homonym of *carbonaria* Smith, F. 1858b: 127.] See also: Radchenko & Elmes, 2010: 135.

*foreliella. Myrmica lobicornis* subsp. *foreliella* Arnol'di, 1976a: 553 (w.) TAJIKISTAN. Junior synonym of *kirghisorum*: Radchenko. 1994g: 87.

*formosa* Smith, F. 1858; see under ***PODOMYRMA***.

*formosae. Myrmica margaritae* var. *formosae* Wheeler, W.M. 1929g: 37 (w.) TAIWAN. [*Myrmica margaritae* var. *formosae* Wheeler, W.M. 1928c: 9. *Nomen nudum*.] [Junior primary homonym of *formosa* Smith, F. 1858b: 128, above.] Subspecies of *ritae*: Weber, 1950b: 220. Raised to species: Radchenko, 1994a: 44. Senior synonym of *pulchella*: Radchenko & Elmes, 1998: 7; hence *pulchella* first available replacement name for this taxon: Radchenko & Elmes, 2010: 221.

***fortior****. Myrmica smythiesii* var. *fortior* Forel, 1904c: 22 (w.) INDIA. Radchenko & Elmes, 2002: 39 (q.m.). Raised to species: Radchenko & Elmes, 2001a: 254. See also: Radchenko & Elmes, 2010: 136.

*fortior. Myrmica bergi* var. *fortior* Crawley, 1920a: 163 (w.) IRAN. [Junior primary homonym of *fortior* Forel, above.] Replacement name: *persiana* Weber, 1947: 474.

***fracticornis****. Myrmica lobicornis* var. *fracticornis* Forel, 1901e: 371 (in text) (w.) U.S.A. [First available use of *Myrmica rubra* subsp. *scabrinodis* var. *fracticornis* Emery, 1895c: 313; unavailable name.] Weber, 1948a: 280 (q.m.); Wheeler, G.C. & Wheeler, J. 1953a: 117 (l.). Subspecies of *scabrinodis*: Wheeler, W.M. 1916m: 587; of *lobicornis*: Cole, 1942: 368; Wheeler, G.C. & Wheeler, E.W. 1944: 241; Creighton, 1950a: 100. Raised to species: Talbot, 1976: 245; Francoeur, 1977b: 206; Wheeler, G.C. & Wheeler, J. 1986g: 12.

*fragilis* Smith, F. 1858; see under ***MONOMORIUM***.

*frigida. Myrmica brevinodis* var. *frigida* Wheeler, W.M. 1917a: 502 (w.) CANADA. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *frigida* Forel, 1902i: 699; unavailable name.] Junior synonym of *sulcinodoides*: Wheeler, W.M. 1917e: 16; Weber, 1950b: 195.

*furva. Myrmica tibetana* var. *furva* Ruzsky, 1915a: 441 (w.) TIBET. Junior synonym of *tibetana*: Radchenko, 1994a: 41; of *bactriana*: Radchenko & Elmes, 2010: 96.

*fuscipennis* Smith, F. 1861; see under ***PRISTOMYRMEX***.

*fuscula* Nylander, 1846; see under ***TETRAMORIUM***.

*galbula* Losana, 1834; see under ***MESSOR***.

***gallienii****. Myrmica gallienii* Bondroit, 1920a: 150, fig. 1 (w.) FRANCE. [Also described as new by Bondroit, 1920b: 302.] Collingwood, 1979: 48 (q.m.). Junior synonym of *sulcinodis*: Bernard, 1967: 121. Revived from synonymy: Collingwood, 1978: 67. Senior synonym of *jacobsoni, limanica*: Collingwood, 1979: 48; Seifert, 1988b: 9; of *obensis*: Radchenko, 1994e: 76. See also: Atanassov & Dlussky, 1992: 91; Radchenko & Elmes, 2010: 138.

*gayi* Spinola, 1851; see under ***SOLENOPSIS***.

*georgica. Myrmica georgica* Seifert, 1987: 183, figs. 1-10 (w.m.) GEORGIA. Junior synonym of *turcica*: Seifert, 1988b: 18; of *scabrinodis*: Radchenko, 1994e: 79. Revived from synonymy: Radchenko & Elmes, 2004: 231. Junior synonym of *salina*: Seifert, 2011: 183. See also: Radchenko & Elmes, 2010: 141.

***gigantea****. Aphaenogaster (Nystalomyrma) gigantea* Collingwood, 1962: 225, fig. 7 (w.q.) MYANMAR. Combination in *Myrmica*: Radchenko & Elmes, 1998: 13. See also: Radchenko & Elmes, 2010: 143.

*glaber* Smith, F. 1862; see under ***SOLENOPSIS***.

***glacialis****. Myrmica lobicornis* var. *glacialis* Emery, 1921f: 38 (w.) CANADA. [First available use of *Myrmica rubra* r. *scabrinodis* var. *glacialis* Forel, 1904a: 154; unavailable name.] Junior synonym of *fracticornis*: Weber, 1948a: 276; of *lobifrons*: Wheeler, W.M. 1917e: 21; Creighton, 1950a: 100. Revived from synonymy and raised to species: Ward, 2005: 15.

*globularia* Smith, F. 1858; see under ***SOLENOPSIS***.

*glyciphila* Smith, F. 1858; see under ***MONOMORIUM***.

*gracilescens* Smith, F. 1860; see under ***PHEIDOLE***.

*gracillima* Smith, F. 1861; see under ***MONOMORIUM***.

*grandis. Myrmica scabrinodis* subsp. *lobicornis* var. *grandis* Kuznetsov-Ugamsky, 1927e: 196 (w.) KYRGYZSTAN. **Unavailable name**; material referred to *lacustris* by Radchenko, 1994f: 77.

***granulinodis****. Myrmica granulinodis* Nylander, 1846b: 1060 (q.m.) RUSSIA. Subspecies of *scabrinodis*: André, 1883a: 319; Weber, 1950b: 205. Junior synonym of *sabuleti*: Emery, 1908a: 177 (footnote); Sadil, 1952: 246. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, 1994g: 90. See also: Radchenko & Elmes, 2010: 659.

***hamulata****. Myrmica sabuleti* subsp. *hamulata* Weber, 1939b: 146 (w.q.m.) U.S.A. Raised to species: Creighton, 1950a: 99. Current subspecies: nominal plus *trullicornis*.

***hecate****. Myrmica smythiesi* subsp. *hecate* Weber, 1947: 461 (w.) INDIA. Radchenko & Elmes, 2002: 42 (q.m.). Raised to species: Radchenko & Elmes, 2001a: 250. See also: Radchenko & Elmes, 2010: 144.

***hellenica****. Myrmica rugulosa* var. *hellenica* Finzi, 1926: 93 (w.q.m.) GREECE. [First available use of *Myrmica scabrinodis* r. *rugulosa* var. *hellenica* Forel, 1913d: 431; unavailable name.] Finzi, 1926: 93 (m.). Raised to species: Agosti & Collingwood, 1987b: 267; Seifert, 1988b: 13. Senior synonym of *caucasica, rugulososcabrinodis, striata*: Seifert, *et al*. 2009: 68. See also: Radchenko & Elmes, 2010: 145.

*helleri. Myrmica helleri* Viehmeyer, 1922: 204 (w.) CHINA. Subspecies of *kurokii*: Weber, 1947: 469. Revived status as species: Radchenko, 1994a: 42. Junior synonym of *kurokii*: Radchenko & Elmes, 2010: 179.

***heterorhytida****. Myrmica heterorhytida* Radchenko & Elmes, 2009a: 83, figs. 61-65 (w.) CHINA. See also: Radchenko & Elmes, 2010: 148.

*himalayana. Myrmica smythiesi* subsp. *himalayana* Weber, 1947: 460 (w.) INDIA. Junior synonym of *smythiesii*: Radchenko & Elmes, 2001a: 253.

***hirsuta****. Myrmica hirsuta* Elmes, 1978: 131, fig. 2 (q.m.) GREAT BRITAIN. Elmes, 1994: 439 (w.). See also: Collingwood, 1979: 51; Bolton, 1988a: 4; Radchenko & Elmes, 2003a: 228; Radchenko & Elmes, 2010: 149.

*hirtula* Nylander, 1849; see under ***HARPAGOXENUS***.

***hlavaci****. Myrmica hlavaci* Radchenko & Elmes, 2009a: 76, figs. 36-40 (w.) CHINA. See also: Radchenko & Elmes, 2010: 151.

*humilis* Smith, F. 1858; see under ***CARDIOCONDYLA***.

*hunteri* Wheeler, W.M. 1914; see under ***MANICA***.

*hyungokae. Myrmica hyungokae* Elmes, Radchenko & Kim, 2001: 109, figs. 1e-h (w.) KOREA. Junior synoym of *jessensis*: Radchenko, 2005b: 141.

*impura* Foerster, 1850; see under ***TETRAMORIUM***.

*incerta* Smith, F. 1863; see under ***PHEIDOLE***.

***incompleta****. Myrmica incompleta* Provancher, 1881b: 359 (w.q.m.) CANADA. [Also described as new by Provancher, 1883: 602.] Wheeler, G.C. & Wheeler, J. 1953a: 116 (l.). Junior synonym of *laevinodis*: Provancher, 1887: 247; Dalla Torre, 1893: 111; Donisthorpe, 1915d: 110; Smith, M.R. 1951a: 789. Revived from synonymy and senior synonym of *brevinodis* (and its junior synonyms *canadensis, subalpina*): Francoeur & Béique, 1966: 141.

*incurvata. Myrmica incurvata* Collingwood, 1976: 301, figs. 1-3 (w.) NORTH KOREA. Junior synonym of *angulinodis*: Radchenko, 2005b: 138.

***indica****. Myrmica ritae* subsp. *indica* Weber, 1950b: 221 (w.) INDIA. Radchenko & Elmes, 1998: 11 (q.m.). Raised to species: Radchenko, 1994a: 44. See also: Elmes & Radchenko, 2009: 117; Radchenko & Elmes, 2010: 152.

***inezae****. Myrmica inezae* Forel, 1902c: 226 (w.) INDIA. Radchenko & Elmes, 2002: 37 (q.). See also: Bingham, 1903: 268; Radchenko & Elmes, 2010: 153.

***inflecta****. Myrmica inflecta* Say, 1836: 292 (m.) U.S.A. **Unidentifiable taxon**; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 279.

*infuscata. Myrmica rugosa* subsp. *dshungarica* var. *infuscata* Kuznetsov-Ugamsky, 1927e: 192 (w.q.) KYRGYZSTAN. **Unavailable name**; material referred to *dshungarica* by Tarbinsky, 1976: 29.

*inornata. Myrmica margaritae* subsp. *inornata* Menozzi, 1941 :15 (w.) CHINA. *Nomen nudum*.

*insolens* Smith, F. 1861; see under ***TETRAMORIUM***.

\****intermedia****. \*Nothomyrmica intermedia* Wheeler, W.M. 1915h: 61, fig. 24 (w.) BALTIC AMBER (Eocene). Combination in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1496. See also: Radchenko & Elmes, 2010: 653.

***intermedia****. Myrmica scabrinodis* subsp. *intermedia* Kuznetsov-Ugamsky, 1927e: 194 (w.) KAZAKHSTAN. [**Unresolved junior secondary homonym** of \**intermedia* Wheeler, above.] Junior synonym of *saposhnikovi*: Radchenko, 1994g: 85. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko & Elmes, 2010: 661.

*interrupta* Schenck, 1852; see under ***TEMNOTHORAX***.

***inucta.*** *Myrmica inucta* Radchenko & Elmes, in Radchenko, Elmes & Alicata, 2006: 511, figs. 43-50 (w.) KAZAKHSTAN. See also: Radchenko & Elmes, 2010: 154.

*iranica. Myrmica rugulosa* subsp. *iranica* Arnol'di, 1948: 211*. Nomen nudum*. Material referred to *bergi* by Radchenko & Elmes, 2010: 663.

*irritans* Smith, F. 1858; see under ***PHEIDOLE***.

*isfahani. Myrmica punctiventris* var. *isfahani* Forel, 1922: 92 (w.q.) U.S.A. Junior synonym of *punctiventris*: Weber, 1950b: 215.

*iskanderi. Myrmica minuta* subsp. *iskanderi* Arnol'di, 1976a: 548, fig. 2 (w.q.m.) TAJIKISTAN. Junior synonym of *dshungarica*: Radchenko, 1994f: 73

*jacobsoni. Myrmica jacobsoni* Kutter, 1963: 133, figs. 12-20 (w.q.m.) LATVIA, ESTONIA. Subspecies of *limanica*: Arnol'di, 1970b: 1840. Revived status as species: Kutter, 1977c: 65. Junior synonym of *gallienii*: Collingwood, 1979: 48; Seifert, 1988b: 9.

***jennyae****. Myrmica jennyae* Elmes, Radchenko & Aktaç, 2002: 163, figs. 19-33 (w.q.m.) TURKEY. See also: Radchenko & Elmes, 2010: 155.

***jessensis****. Myrmica lobicornis* var. *jessensis* Forel, 1901e: 371 (w.) JAPAN. Subspecies of *lobicornis*: Weber, 1948a: 286. Raised to species: Collingwood, 1976: 302; Kupyanskaya, 1986a: 85; Kupyanskaya, 1990: 110. Senior synonym of *hyungokae*: Radchenko, 2005b: 141. See also: Radchenko & Elmes, 2010: 157.

***jucunda****. Myrmica jucunda* Smith, F. 1861a: 34 (w.) LEBANON. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 280; *incertae sedis* in Myrmicinae: Radchenko & Elmes, 2010: 666.

***juglandeti****. Myrmica juglandeti* Arnol'di, 1976a: 549, figs. 3, 4 (w.m.) KYRGYZSTAN. Senior synonym of *alajensis, tianshanica*: Radchenko, 1994f: 74. See also: Tarbinsky, 1976: 22; See also: Radchenko & Elmes, 2010: 158.

\****jurinei****. \*Myrmica jurinei* Heer, 1849: 163, pl. 13, fig. 8 (q.) CROATIA (Miocene). [Also described as new by Heer, 1850: 163.] See also: Mayr, 1867b: 59. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

***kabylica****. Sifolinia kabylica* Cagniant, 1970d: 40, figs. 1-6 (q.m.) ALGERIA. Combination in *Symbiomyrma*: Seifert, 1994: 16; in *Myrmica*: Bolton, 1988a: 4; Radchenko & Elmes, 2003a: 236. See also: Kutter, 1973c: 256 (misspelled as *cabylica*); Radchenko & Elmes, 2010: 160.

***kamtschatica****. Myrmica kamtschatica* Kupyanskaya, 1986a: 88, figs. 3, 6, 9, 10, 14 (w.q.m.) RUSSIA. Senior synonym of *aborigenica*: Radchenko, 1994g: 86. See also: Kupyanskaya, 1990: 112; Radchenko & Elmes, 2010: 161.

*kamyschiensis. Myrmica kamyschiensis* Arnol'di, 1934: 159, figs. 2, 3 (w.) UKRAINE. Karavaiev, 1936: 273 (q.). Subspecies of *bergi*: Karavaiev, 1936: 272. Junior synonym of *bergi*: Seifert, 1988b: 11.

***karavajevi****. Symbiomyrma karavajevi* Arnol'di, 1930c: 269, figs. 1-4 (q.m.) UKRAINE. [Also described as new by Arnol'di, 1933a: 41.] Combination in *Symbiomyrma*: Seifert, 1994: 15; Seifert, 1996b: 236; in *Sifolinia*: Samsinak, 1964: 156; in *Myrmica*: Bolton, 1988a: 4; Radchenko & Elmes, 2003a: 231. Senior synonym of *pechi*: Samsinak, 1964: 156; of *faniensis, winterae*: Seifert, 1994: 15. See also: Kutter, 1973c: 256 (misspelled as *karawajewi*); Collingwood, 1979: 58; Radchenko & Elmes, 2003a: 231; Radchenko & Elmes, 2010: 163.

***kasczenkoi****. Myrmica scabrinodis* subsp. *kasczenkoi* Ruzsky, 1905b: 702 (w.m.) RUSSIA. Kupyanskaya, 1990: 113 (q.); Radchenko, 1994g: 82 (w.q.m.). Raised to species: Pisarski, 1969b: 296; Dlussky & Pisarski, 1970: 85; Collingwood, 1976: 302. Material of the unavailable name *subaltaica* referred here by Radchenko, 1994g: 82. See also: Radchenko & Elmes, 2010: 166.

***khamensis****. Myrmica ruginodis* var. *khamensis* Ruzsky, 1915a: 441, figs. 22-24 (w.) TIBET. Subspecies of *rubra*: Weber, 1947: 449. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko & Elmes, 2010: 660.

*kieviensis. Myrmica (Myrmica) lobicornis* var. *kieviensis* Karavaiev, 1934: 91, fig. 24 (w.) UKRAINE. Junior syonym of *lobicornis*: Arnol'di, 1970b: 1842.

*kirbii. Myrmica kirbii* Stephens, 1829: 356*. Nomen nudum*.

*kirbii* Sykes, 1835; see under ***CREMATOGASTER***.

***kirghisorum****. Myrmica lobicornis* subsp. *kirghisorum* Arnol'di, 1976a: 553 (w.m.) KYRGYZSTAN. Tarbinsky, 1976: 33 (q.). Raised to species: Radchenko, 1994a: 43 (misspelled as *kirgisorum*); Radchenko, 1994c: 142 (in key). Senior synonym of *foreliella*: Radchenko, 1994g: 87. See also: Radchenko & Elmes, 2010: 167.

*kirgisica. Myrmica rugosa* var. *kirgisica* Ruzsky, 1903b: 314 (w.) RUSSIA. Subspecies of *bergi*: Arnol'di, 1970b: 1839. Junior synonym of *bergi*: Seifert, 1988b: 11.

*kollari* Mayr, 1853; see under ***TETRAMORIUM***.

***koreana****. Myrmica koreana* Elmes, Radchenko & Kim, 2001: 108, figs. 1a-d (w.) SOUTH KOREA. Radchenko, Elmes & Alicata, 2006: 521 (q.m.). See also: Seifert, 2003b: 153; Radchenko & Elmes, 2010: 169.

***kothiensis****. Myrmica kothiensis* Bharti & Sharma, 2013: 126, figs. 10-12 (w.) INDIA.

***kotokui****. Myrmica rubra* subsp. *kotokui* Forel, 1911e: 267 (w.q.m.) JAPAN. Raised to species: Collingwood, 1976: 300. Senior synonym of *orientalis*: Radchenko, 2005b: 142. See also: Radchenko & Elmes, 2010: 170.

*kozakorum. Myrmica kozakorum* Radchenko & Elmes, 2010: 172, figs. 140-142 (w.q.m.) UKRAINE. Junior synonym of *specioides*: Seifert, 2011: 183.

***kozlovi****. Myrmica kozlovi* Ruzsky, 1915a: 435, figs. 10, 11 (w.) TIBET. Senior synonym of *specularis*: Radchenko & Elmes, 2001a: 259; of *mekongi, ruzskyi* Weber*, subalpina, subbrevispinosa*: Radchenko & Elmes, 2010: 175.

***kryzhanovskii****. Myrmica kryzhanovskii* Arnol'di, 1976a: 551, fig. 6 (w.q.m.) TAJIKISTAN. See also: Radchenko & Elmes, 2010: 178.

***kurokii****. Myrmica rubra* subsp. *kurokii* Forel, 1907e: 18 (w.) JAPAN. Raised to species: Emery, 1908a: 171; Weber, 1947: 469. Senior synonym of *ruzskyi* Kisileva: Radchenko, 1994f: 74; of *chinensis, helleri*: Radchenko & Elmes, 2010: 179. See also: Kupyanskaya, 1990: 102.

*kuschei. Myrmica brevinodis* var. *kuschei* Wheeler, W.M. 1917e: 17 (w.q.) U.S.A. Subspecies of *brevinodis*: Weber, 1950b: 197. Raised to species: Francoeur, 1977b: 206. Subspecies of *incompleta*: Smith, D.R. 1979: 1349. Junior synonym of *alaskensis*: Francoeur, 1986b: 57.

*kutteri. Myrmica schencki* var. *kutteri* Finzi, 1926: 111 (w.m.) SWITZERLAND. Junior synonym of *schencki*: Bernard, 1967: 118.

*lacteipennis* Zetterstedt, 1838; see under ***LEPTOTHORAX***.

*lacustris. Myrmica scabrinodis* var. *lacustris* Ruzsky, 1905b: 686 (w.) RUSSIA, KAZAKHSTAN. Raised to species: Radchenko, 1994a: 44; Radchenko, 1994c: 140 (in key). Material of the unavailable name *grandis* and of the *nomen nudum lulakeranica* referred here by Radchenko, 1994f: 77. Junior synonym of *stangeana*: Radchenko & Elmes, 2010: 291. See also: Seifert, 2003b: 150; Radchenko, Elmes & Alicata, 2006: 516.

*laevigata* Smith, F. 1855; see under ***PHEIDOLE***.

*laevinodis. Myrmica laevinodis* Nylander, 1846a: 927, pl. 18, figs. 5, 31 (w.q.m.) FINLAND. Subspecies of *rubra*: Forel, 1874: 76; Emery & Forel, 1879: 460; Wheeler, W.M. 1906d: 315; Emery, 1914d: 156; Forel, 1915d: 28; Menozzi, 1918: 82; Karavaiev, 1927c: 259; Creighton, 1950a: 104. Status as species: Saunders, E. 1880: 215; André, 1883a: 316; Dalla Torre, 1893: 110; Ruzsky, 1905b: 662; Bondroit, 1912: 351; Donisthorpe, 1915d: 110; Bondroit, 1918: 104; Müller, 1923: 40; Finzi, 1926: 83; Stitz, 1939: 78; Holgersen, 1940: 184; Novak & Sadil, 1941: 76; Weber, 1947: 441; Bernard, 1967: 119; Baroni Urbani, 1971c: 22; Kutter, 1977c: 65. Senior synonym of *longiscapus*: Mayr, 1863: 433; of *champlaini*: Smith, M.R. 1951a: 789; of *bruesi*: Creighton, 1950a: 104. Junior synonym of *rubra*: Yarrow, 1955b: 114; Arnol'di, 1970b: 1839; Arnol'di & Dlussky, 1978: 530; Collingwood, 1979: 52; Seifert, 1988b: 5; Radchenko, 2007: 30.

*laevinodoruginodis. Myrmica ruginodis* f. *laevinodoruginodis* Ruzsky, 1896: 75 RUSSIA. *Nomen nudum*, attributed to Forel.

*laevissima* Smith, F. 1860; see under ***SOLENOPSIS***.

*laeviuscula* Foerster, 1850; see under ***FORMICOXENUS***.

***lampra****. Myrmica lampra* Francoeur, 1968: 729, figs. 1-5 (q.m.) CANADA. See also: Kutter, 1973c: 256; Francoeur, 1981: 756; Bolton, 1988a: 4.

***latifrons****. Myrmica schencki* subsp. *latifrons* Stärcke, 1927: 84 (w.) U.S.A. Raised to species: Bolton, 1995b: 280. Senior synonym of *emeryana*: Weber, 1948a: 298; Smith, M.R. 1954d: 138; Wheeler, G.C. & Wheeler, J. 1986g: 12. [All give *latifrons* as the junior synonym, but it has priority over *emeryana* and is the first available name for this taxon: Bolton, 1995b: 280.]

***laurae****. Sifolinia laurae* Emery, 1907: 49, figs. (q.) ITALY. Combination in *Myrmica*: Bolton, 1988a: 4. Senior synonym of *samnitica*: Radchenko & Elmes, 2003a: 224. See also: Emery, 1908f: 550; Kutter, 1973c: 256; Radchenko & Elmes, 2010: 181.

***lemasnei****. Myrmica lemasnei* Bernard, 1967: 123, fig. 127 (q.) FRANCE. Combination in *Sifolinia*: Kutter, 1973c: 253; in *Symbiomyrma*: Seifert, 1994: 16; in *Myrmica*: Bolton, 1988a: 4; Radchenko & Elmes, 2003a: 232. See also: Radchenko & Elmes, 2010: 183.

*leonina* Losana, 1834; see under ***MANICA***.

*limanica. Myrmica (Myrmica) rugulosa* subsp. *limanica* Karavaiev, 1934: 75, fig. 20 (w.m.) UKRAINE. [Also described as new by Arnol'di, 1934: 162.] Raised to species and material of the unavailable names *chersonensis, strandi* referred here by Arnol'di, 1970b: 1840. Junior synonym of *gallienii*: Collingwood, 1979: 48; Seifert, 1988b: 9.

*lineolata* Say, 1836; see under ***CREMATOGASTER***.

***lineolata****. Myrmica (Monomorium) lineolata* Buckley, 1867: 340 (w.q.) U.S.A. [**Unresolved junior primary homonym** of *lineolta* Say, 1836: 290 (Bolton, 1995b: 280).] **Unidentifiable to genus**: Wheeler, W.M. 1902f: 27; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414; *incertae sedis* in *Myrmica*: Bolton, 1995b: 280.

*lippula* Nylander, 1849; see under ***STENAMMA***.

*lissahorensis. Myrmica lobicornis* subsp. *lissahorensis* Stitz, 1939: 100 (w.) CZECHIA. [First available use of *Myrmica lobicornis* subsp. *lobicornis* var. *lissahorensis* Stärcke, 1927: 79; unavailable name.] Subspecies of *lobicornis*: Weber, 1948a: 287. Junior synonym of *lobicornis*: Bernard, 1967: 122; Seifert, 1988b: 38.

*littoralis. Myrmica lobicornis* subsp. *littoralis* Weber, 1948a: 287 (w.q.m.) RUSSIA. [First available use of *Myrmica scabrinodis* subsp. *lobicornis* var. *littoralis* Kuznetsov-Ugamsky, 1928b: 33; unavailable name.] Junior synonym of *jessensis*: Kupyanskaya, 1986a: 85; of *eidmanni*: Radchenko, 2005b: 139; Radchenko & Elmes, 2010: 127.

*lobata. Myrmica lobicornis* var. *lobata* Kutter, 1977c: 66. *Nomen nudum*, attributed to Finzi.

***lobicornis****. Myrmica lobicornis* Nylander, 1846a: 932, pl. 18, figs, 32, 33 (w.q.) FINLAND. Nylander, 1849: 31 (m.); Hauschteck, 1965: 325 (k.). Subspecies of *rubra*: Forel, 1874: 76; Emery & Forel, 1879: 463; Wheeler, W.M. 1906c: 316; of *scabrinodis*: Mayr, 1886d: 451; Ruzsky, 1905b: 693; Emery, 1908a: 179. Status as species: Saunders, E. 1880: 216; André, 1883a: 318; Nasonov, 1889: 35; Forel, 1892i: 315; Donisthorpe, 1915d: 134; Forel, 1915d: 28; Emery, 1916b: 120; Bondroit, 1918: 105; Finzi, 1926: 106; Stärcke, 1927: 76; Santschi, 1931b: 347; Collingwood, 1958b: 73; Bernard, 1967: 122; Kutter, 1977c: 66; Arnol'di & Dlussky, 1978: 534; Collingwood, 1979: 51; Seifert, 1988b: 38; Atanassov & Dlussky, 1992: 101. Senior synonym of *alpestris, angustifrons*: Seifert, 1988b: 38; of *arduennae*: Donisthorpe, 1915d: 134; Bernard, 1967: 122; Boven, 1977: 119; Seifert, 1988b: 38; of *burtshakabramovitshi*: Arnol'di, 1970b: 1842; of *denticornis*: Mayr, 1861: 63; Seifert, 1988b: 38; of *foreli*: Bernard, 1967: 122; Seifert, 1988b: 38; of *kieviensis*: Arnol'di, 1970b: 1842; of *lissahorensis*: Bernard, 1967: 122; Seifert, 1988b: 38; of *starki*: Arnol'di, 1970b: 1842; Seifert, 1988b: 38; of *brunescens*: Radchenko, 1994g: 87. Material of the *nomen nudum nodicornis* referred here by Donisthorpe, 1915d: 134. See also: Radchenko, 2007: 29; Radchenko & Elmes, 2010: 185.

*lobicornosulcinodis. Myrmica rubra* var. *lobicornosulcinodis* Forel, 1874: 77 (w.) SWITZERLAND. *Nomen nudum*.

***lobifrons****. Myrmica sabuleti* var. *lobifrons* Pergande, 1900: 521 (w.) U.S.A. Subspecies of *scabrinodis*: Emery, 1921f: 40; of *lobicornis*: Creighton, 1950a: 100. Junior synonym of *fracticornis*: Smith, M.R. 1951a: 790; Cole, 1953d: 242. Revived from synonymy as subspecies of *lobicornis*: Gregg, 1961: 212. Raised to species: Yensen, Clark & Francoeur, 1977: 182.

***lobulicornis****. Myrmica lobicornis* var. *lobulicornis* Nylander, 1857: lxxix (w.) FRANCE. Radchenko & Elmes, 2010: 193 (q.m.). Raised to species: Bondroit, 1920a: 151. Subspecies of *lobicornis*: Emery, 1921f: 38; Weber, 1948a: 287. Junior synonym of *lobicornis*: Bernard, 1967: 122; Seifert, 1988b: 38. Revived from synonymy, revived status as species and senior synonym of *alpina, appenina, pyrenaea*: Seifert, 2005: 6. See also: Radchenko, 2007: 29; Radchenko & Elmes, 2010: 191.

***lonae****. Myrmica scabrinodis* subsp. *lonae* Finzi, 1926: 103, fig. 11 (w.q.m.) FINLAND. Subspecies of *sabuleti*: Santschi, 1931b: 346; Stitz, 1939: 96. Junior synonym of *scabrinodolobicornis*: Sadil, 1952: 249; of *sabuleti*: Bernard, 1967: 117; Seifert, 1988b: 31. Revived from synonymy: Seifert, 1994: 12; Seifert, 1996b: 146 (in key); Radchenko, Czechowski & Czechowska, 1997: 490; Seifert, 2000c: 198. See also: Radchenko & Elmes, 2010: 194.

*longiceps* Smith, F. 1858; see under ***APHAENOGASTER***.

*longipes* Smith, F. 1857; see under ***PHEIDOLE***.

*longiscapus. Myrmica longiscapus* Curtis, 1854: 213, pl. 23, figs. 11-14 (w.q.m.) GREAT BRITAIN. Junior synonym of *laevinodis*: Mayr, 1863: 433.

***longisculpta****. Myrmica longisculpta* Bharti & Sharma, 2011c: 725, figs. 1-3 (w.) INDIA.

\****longispinosa****. \*Myrmica longispinosa* Mayr, 1868c: 87, pl. 4, fig. 86 (w.) BALTIC AMBER (Eocene). See also: Radchenko, Dlussky & Elmes, 2007: 1495; Radchenko & Elmes, 2010: 654.

*lucidula. Myrmica lucidula* Smith, F. 1857b: 39 (w.) GREAT BRITAIN. *Nomen nudum*; referred to *Formicoxenus nitidulus* by Donisthorpe, 1915d: 83.

***luctuosa****. Myrmica luctuosa* Smith, F. 1878b: 12 (m.) INDIA. **Unidentifiable taxon**, *incertae* *sedis* in *Myrmica*: Radchenko & Elmes, 2001a: 238. See also: Radchenko & Elmes, 2010: 661.

*lulakeranica. Myrmica deplanata* susbp. *lulakeranica* Arnol'di, 1948: 211*. Nomen nudum*; referred to *deplanata* by Radchenko & Elmes, 2010: 663.

*lundii* Guérin-Méneville, 1838; see under ***ACROMYRMEX***.

***luteola****. Myrmica luteola* Kupyanskaya, 1990: 103, Figs. 16, 17 (w.q.) RUSSIA. Radchenko, 1994f: 75 (m.). See also: Masuko & Terayama, 2002: 228; Radchenko & Elmes, 2003a: 239; Radchenko & Elmes, 2010: 197.

*lutescens. Myrmica smythiesi* var. *lutescens* Menozzi, 1939a: 292 (w.q.) INDIA. [First available use of *Myrmica smythiesii* r. *cachmiriensis* var. *lutescens* Forel, 1904c: 23; unavailable name.] Junior synonym of *cachmiriensis*: Radchenko & Elmes, 2001a: 251.

*lyncea* Spinola, 1851; see under ***PSEUDOMYRMEX***.

\****macrocephala****. \*Myrmica macrocephala* Heer, 1849: 158, pl. 12, fig. 14 (q.) SWITZERLAND (Miocene). [Also described as new by Heer, 1850: 158.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*macrogyna. Myrmica rubra* var. *macrogyna* Brian, M.V. & Brian, A.D. 1949: 397 (q.m.) GREAT BRITAIN. Junior synonym of *ruginodis*: Bolton, 1995b: 281.

*maligna* Smith, F. 1865; see under ***PODOMYRMA***.

***margaritae****. Myrmica margaritae* Emery, 1889b: 502 (w.) MYANMAR. See also: Bingham, 1903: 267; Radchenko & Elmes, 1998: 5; Radchenko & Elmes, 2010: 199.

***martensi****. Myrmica martensi* Radchenko & Elmes, 1998: 21, fig. 5 (w.q.) NEPAL. See also: Radchenko & Elmes, 2010: 200.

*marylandica* Buckley, 1867; see under ***CREMATOGASTER***.

*medvedevi. Myrmica stangeana* subsp. *medvedevi* Arnol'di, 1970b: 1841 (w.) UKRAINE. Junior synonym of *stangeana*: Seifert, 1988b: 23.

*mekongi. Myrmica kozlovi* subsp. *mekongi* Ruzsky, 1915a: 437, fig. 12 (w.) TIBET. Junior synonym of *kozlovi*: Radchenko & Elmes, 2010: 175.

*melanocephala* Mayr, 1855; see under ***LEPTOTHORAX***.

*mellea* Smith, F. 1859; see under ***SOLENOPSIS***.

***mexicana****. Myrmica mexicana* Wheeler, W.M. 1914b: 52 (w.q.m.) MEXICO. Subspecies of *scabrinodis*: Cole, 1942: 368; Weber, 1950b: 206. Revived status as species: Gregg, 1961: 211.

*microgyna. Myrmica rubra* var. *microgyna* Brian, M.V. & Brian, A.D. 1949: 397 (q.m.) GREAT BRITAIN. Junior synonym of *ruginodis*: Bolton, 1995b: 281.

*microrubra. Myrmica microrubra* Seifert, 1993: 10, figs. 1, 4 (q.m.) GERMANY. Junior synonym of *rubra*: Steiner, Schlick-Steiner, Konrad, *et al*. 2006: 777. See also: Czechowski, Radchenko & Czechowska, 2002: 19; Radchenko & Elmes, 2003a: 236.

*minima* Buckley, 1867; see under ***MONOMORIUM***.

*minkii* Foerster, 1850; see under ***STENAMMA***.

*minuta* Say, 1836; see under ***SOLENOPSIS***.

*minuta. Myrmica laevinodis* var. *minuta* Ruzsky, 1905b: 670 (w.) TAJIKISTAN. [**Unresolved junior primary homonym** of *minuta* Say, 1836: 294, above.] Raised to species: Arnol'di, 1976a: 548. Junior synonym of *dshungarica*: Radchenko, 1994f: 73.

*minuta. Myrmica rugulosa* var. *minuta* Karavaiev, 1929b: 204 (w.m.) UKRAINE. [Junior primary homonym of *minuta* Say, 1836: 294, above.] Replacement name: *constricta* Karavaiev, 1934: 74.

***mirabilis****. Myrmica mirabile* Elmes & Radchenko, 1998: 218, figs. 1-5 (w.) TAIWAN. See also: Radchenko & Elmes, 2010: 201.

***mixta****. Myrmica mixta* Radchenko & Elmes, in Radchenko, Zhou, *et al*. 2008: 770, figs. 11-15 (q.) CHINA. See also: Radchenko & Elmes, 2010: 202.

*modesta* Foerster, 1850; see under ***TETRAMORIUM***.

*modesta* Smith, F. 1860; see under ***TETRAMORIUM***.

*moesta* Smith, F. 1863; see under ***VOLLENHOVIA***.

\****molassica****. \*Myrmica molassica* Heer, 1849: 162, pl. 13, fig. 6 (q.) SWITZERLAND (Miocene). [Also described as new by Heer, 1850: 162.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*molefaciens* Buckley, 1860; see under ***POGONOMYRMEX***.

*molesta* Say, 1836; see under ***SOLENOPSIS***.

*montana* Labram & Imhoff, 1838; see under ***MANICA***.

***montana****. Myrmica (Monomorium) montana* Buckley, 1867: 339 (w.) U.S.A. [**Unresolved junior primary homonym** of *montana* Labram & Imhoff, 1838, pl. 36, figs. 1-3, above (Bolton, 1995b: 281).] **Unidentifiable taxon**; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 281. See also: Emery, 1895c: 338; Wheeler, W.M. 1902f: 27 (possible combinations in *Pogonomyrmex* or *Tetramorium*).

***monticola****. Myrmica monticola* Creighton, 1950a: 101 (w.m.) U.S.A. [First available use of *Myrmica scabrinodis* subsp. *schencki* var. *monticola* Wheeler, W.M. 1917a: 505; unavailable name.] Wheeler, G.C. & Wheeler, J. 1953a: 117 (l.).

*moravica. Myrmica moravica* Soudek, 1922: 45, fig. 21 (w.q.) CZECHIA. Soudek, 1925a: 35 (m.). [Also described as new by Soudek, 1923: 107.] Status as species: Finzi, 1926: 104; Weber, 1950b: 213. Subspecies of *deplanata*: Novak & Sadil, 1941: 80; Kratochvil, in Kratochvil, Novak & Snoflak, 1944: 40; Sadil, 1952: 263. Junior synonym of *deplanata*: Karavaiev, 1934: 83; Arnol'di, 1970b: 1843; Seifert, 1988b: 36; of *lacustris*: Radchenko, 1994f: 77; Seifert, 2003b: 150; Radchenko, Elmes & Alicata, 2006: 516; of *deplanata*: Radchenko & Elmes, 2009c: 511; Radchenko & Elmes, 2010: 116.

***multiplex****. Myrmica multiplex* Radchenko & Elmes, 2009a: 81, figs. 46-55 (w.q.) CHINA. See also: Radchenko & Elmes, 2010: 203.

*muscorum* Nylander, 1846; see under ***LEPTOTHORAX***.

*mutata. Myrmica rubra* var. *mutata* Sadil, 1952: 242, fig. I (w.) CZECHOSLOVAKIA. Junior synonym of *ruginodis*: Seifert, 1988b: 6.

*mutica* Nylander, 1849; see under ***MESSOR***.

*mutica* Emery, 1895; see under ***MANICA***.

*myrmecophila. Myrmica myrmecophila* Wasmann, 1910: 516 (q., actually *Mermis*-infested w.) AUSTRIA. Junior synonym of *sulcinodis*: Boven, 1970a: 130; Seifert, 1988b: 8; Radchenko & Elmes, 2003a: 239.

***myrmicoxena****. Myrmica myrmicoxena* Forel, 1895i: 143 (q.) SWITZERLAND. Emery, 1908a: 181 (m.). See also: Forel, 1910a: 29; Finzi, 1926: 114 (misspelled as *myrmecoxena*); Kutter, 1973c: 255; Kutter, 1977c: 67; Radchenko & Elmes, 2003a: 220; Glaser, Lush & Seifert, 2010: 107; Radchenko & Elmes, 2010: 204.

*natalensis* Santschi, 1925; see under ***MYRMICARIA***.

***nearctica****. Myrmica sabuleti* subsp. *nearctica* Weber, 1939b: 148 (w.q.m.) U.S.A. Junior synonym of *monticola*: Creighton, 1950a: 101. Revived from synonymy and raised to species: Francoeur, 1977b: 206.

\****nebulosa****. \*Myrmica nebulosa* Novak, O. 1878: 91, pl. 3, fig. 1 (m.) GERMANY (Oligocene). **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

***nefaria****. Myrmica nefaria* Bharti, 2012a: 150, figs. 1-17 (w.q.m.) INDIA

*neglecta. Myrmica neglecta* Stärcke, 1942c: xxvii. *Nomen nudum*, referred to *puerilis* by Stärcke, 1942c: xxvii.

***neolaevinodis****. Myrmica rubra* r. *neolaevinodis* Forel, 1901h: 80 (w.) U.S.A. Subspecies of *laevinodis*: Weber, 1947: 455. Currently subspecies of *rubra*: Smith, D.R. 1979: 1351.

*nevodovskii. Leptothorax (Leptothorax) nevodovskii* Karavaiev, 1926c: 164, fig. 3 (w.) GEORGIA. Junior synonym of *bessarabica*: Arakelian, 1994: 23; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication); Radchenko & Elmes, 2010: 284.

*nigripes. Myrmica sulcinodis* var. *nigripes* Ruzsky, 1895: 32 (w.q.m.) RUSSIA. [Also described as new by Ruzsky, 1896: 73.] Subspecies of *sulcinodis*: Ruzsky, 1936: 95; Weber, 1948a: 268; Sadil, 1952: 244. Junior synonym of *sulcinodis*: Seifert, 1988b: 7.

***nitida****. Myrmica nitida* Radchenko & Elmes, 1999a: 35, fig. 3 (1-10) (w.q.m.) INDIA. See also: Radchenko & Elmes, 2010: 205.

*nitidula* Nylander, 1846; see under ***FORMICOXENUS***.

*nodicornis. Myrmica nodicornis* Chappell, 1886: 58 (w.m.) GREAT BRITAIN. *Nomen nudum*; referred to *lobicornis* by Donisthorpe, 1915d: 134.

*novaeboracensis* Buckley, 1867; see under ***CREMATOGASTER***.

*nylanderi* Foerster, 1850; see under ***TEMNOTHORAX***.

*obensis. Myrmica limanica* subsp. *obensis* Arnol'di, 1970b: 1840 (w.m.) RUSSIA. Junior synonym of *gallienii*: Radchenko, 1994e: 76.

*oblonga* Smith, F. 1860; see under ***VOLLENHOVIA***.

***obscura****. Myrmica schencki* var. *obscura* Finzi, 1926: 111 (w.q.m.) ITALY. Junior synonym of *lobicornis*: Seifert, 1988b: 38; of *schencki*: Bernard, 1967: 118; Radchenko, 1994f: 77. Revived from synonymy and raised to species: Elmes, Radchenko, *et al*. 2008: 99. See also: Radchenko & Elmes, 2010: 206.

***obscurata****. Myrmica obscurata* Motschoulsky, 1863: 16 (w.) SRI LANKA. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 281; *incertae sedis* in Myrmicinae: Radchenko & Elmes, 2010: 667.

\****obsoleta****. \*Myrmica obsoleta* Heer, 1849: 160, pl. 13, fig. 3 (q.) SWITZERLAND (Miocene). [Also described as new by Heer, 1850: 160.] **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*occidentalis* Cresson, 1865; see under ***POGONOMYRMEX***.

*ominosa* Gerstäcker, 1859; see under ***MONOMORIUM***.

***onoyamai.*** *Myrmica onoyamai* Radchenko & Elmes, in Radchenko, Elmes & Alicata, 2006: 507, figs. 23-42 (w.q.m.) JAPAN. See also: Radchenko & Elmes, 2010: 208.

*opaca* Smith, F. 1861; see under ***ROMBLONELLA***.

*opposita* Say, 1836; see under ***APHAENOGASTER***.

***ordinaria****. Myrmica ordinaria* Radchenko & Elmes, 1999a: 41, fig. 4 (11-16) (w.q.) INDIA. See also: Radchenko & Elmes, 2010: 209.

*orientalis. Myrmica ruginodis* subsp. *orientalis* Karavaiev, 1926f: 65, fig. 1 (w.) RUSSIA. Kuznetsov-Ugamsky, 1928b: 37 (q.m.). Subspecies of *rubra*: Weber, 1947: 450. Raised to species: Kupyanskaya, 1990: 101. Junior synonym of *ruginodis*: Radchenko, 1994f: 73; of *kotokui*: Radchenko, 2005b: 142.

***orthostyla****. Myrmica orthostyla* Arnol'di, 1976a: 552, fig, 8 (w.q.m.) KYRGYZSTAN. See also: Tarbinsky, 1976: 27; See also: Radchenko & Elmes, 2010: 210.

***pachei****. Myrmica pachei* Forel, 1906b: 79 (w.q.m.) NEPAL. See also: Radchenko & Elmes, 2010: 211.

*paleata* Lund, 1831; see under ***SOLENOPSIS***.

*pallida* Nylander, 1849; see under ***APHAENOGASTER***.

*pallidinodis*: see under *pilinodis*.

*pallinodis*: see under *pilinodis*.

*pallidula* Nylander, 1849; see under ***PHEIDOLE***.

*\*****paradoxa****. \*Myrmica paradoxa* Radchenko, Dlussky & Elmes, 2007: 1496, figs. 2, 3 (w.) GERMANY (Saxonian amber, Eocene). See also: Radchenko & Elmes, 2010: 654.

*parallela* Smith, F. 1859; see under ***TETRAMORIUM***.

***pararitae****. Myrmica pararitae* Radchenko & Elmes, in Radchenko, Zhou, *et al*. 2008: 773, figs. 16-25 (w.q.) CHINA. Misspelled as *parasitae*: Radchenko, Zhou, *et al*. 2008: 776 (in table). See also: Radchenko & Elmes, 2010: 213.

*parasitica* Creighton, 1934; see under ***MANICA***.

*parvula* Schenck, 1852; see under ***TEMNOTHORAX***.

*pechi. Sifolinia pechi* Samsinak, 1957: 167, 2 figs. (q.) CZECHOSLOVAKIA. Pisarski, 1962: 367 (m.). Junior synonym of *karavajevi*: Samsinak, 1964: 156.

*pedestris* Smith, F. 1861; see under ***VOLLENHOVIA***.

***pelops****. Myrmica pelops* Seifert, 2003b: 148, figs. 9, 12, 14, 15 (w.) GREECE. See also: Radchenko, Elmes & Alicata, 2006: 527; See also: Radchenko & Elmes, 2010: 213.

*pellucida* Smith, F. 1857; see under ***TAPINOMA***.

*perelegans. Myrmica perelegans* Curtis, 1854: 214, pl. 23, figs. 15-17 (w.q.m.) GREAT BRITAIN. Junior synonym of *sulcinodis*: Mayr, 1855: 408; Smith, F. 1855b: 120.

*persiana. Myrmica bergi* subsp. *persiana* Weber, 1947: 474. Replacement name for *fortior* Crawley, 1920a: 163. [Junior primary homonym of *fortior* Forel, 1904c: 22.] Junior synonym of *bergi*: Radchenko, 1994e: 76.

*pertinax* Smith, F. 1861; see under ***VOLLENHOVIA***.

***petita****. Myrmica petita* Radchenko & Elmes, 1999a: 45, fig. 5 (11-15) (q.) INDIA. See also: Radchenko & Elmes, 2010: 215.

***phalacra****. Myrmica phalacra* Radchenko & Elmes, 2009a: 74, figs. 21-30 (w.q.) CHINA. See also: Radchenko & Elmes, 2010: 216.

***pilinodis****. Myrmica pilinodis* Motschoulsky, 1863: 16 (w.) SRI LANKA. **Unidentifiable to genus**; *incertae sedis* in *Myrmica*: Bolton, 1995b: 281; *incertae sedis* in Myrmicinae: Radchenko & Elmes, 2010: 668. [Misspelled as *pallidinodis* or *pallinodis*: Dalla Torre, 1893: 113; Emery, 1924d: 356.]

*pilosiscapus. Myrmica pilosiscapus* Bondroit, 1920a: 147, fig. 1 (w.q.m.) BELGIUM. [Also described as new by Bondroit, 1920b: 301.] Subspecies of *scabrinodis*: Finzi, 1926: 102; Santschi, 1931b: 343; Stitz, 1939: 94. Status as species: Sadil, 1952: 256; Arnol'di, 1970b: 1842; Baroni Urbani, 1971c: 26. Junior synonym of *sabuleti*: Bernard, 1967: 117; Boven, 1977: 120; of *scabrinodis*: Kutter, 1977c: 69; Collingwood, 1979: 55; Seifert, 1988b: 27; Casevitz-Weulersse, 1990a: 137.

***pinetorum****. Myrmica punctiventris* subsp. *pinetorum* Wheeler, W.M. 1905f: 384 (w.q.) U.S.A. Weber, 1950b: 217 (m.). Raised to species: Creighton, 1950a: 102. See also: Francoeur, 2007: 156.

***pisarskii****. Myrmica pisarskii* Radchenko, 1994h: 208, figs. 1-12 (w.q.m.) RUSSIA, MONGOLIA. See also: Radchenko & Elmes, 2010: 216.

*plana. Myrmica lobicornis* var. *plana* Karavaiev, 1927a: 283, fig. 1 (w.) UKRAINE. Arnol'di, 1934: 170 (q.m.). Subspecies of *schencki*: Karavaiev, 1929b: 208; of *deplanata*: Arnol'di, 1934: 170. Junior synonym of *deplanata*: Karavaiev, 1934: 83; Arnol'di, 1970b: 1843; Seifert, 1988b: 36; of *lacustris*: Radchenko, 1994f: 78; Seifert, 2003b: 150; Radchenko, Elmes & Alicata, 2006: 516; of *deplanata*: Radchenko & Elmes, 2009c: 511; Radchenko & Elmes, 2010: 116.

***pleiorhytida****. Myrmica pleiorhytida* Radchenko & Elmes, 2009a: 78, figs. 41-45 (w.) CHINA. See also: Radchenko & Elmes, 2010: 218.

***poldii****. Myrmica poldii* Radchenko & Rigato, in Radchenko, Zhou, *et al*. 2008: 776, figs. 26-30 (w.) CHINA. See also: Radchenko & Elmes, 2010: 219.

*polita* Smith, F. 1860; see under ***PHEIDOLOGETON***.

*polita* Smith, F. 1862; see under ***SOLENOPSIS***.

***polyglypta****. Myrmica polyglypta* Radchenko & Rigato, in Radchenko, Zhou, *et al*. 2008: 781, figs. 44-48 (w.) CHINA. See also: Radchenko & Elmes, 2010: 220.

*poneroides* Smith, F. 1860; see under ***VOLLENHOVIA***.

*pradella. Myrmica pradella* Kutter, 1977: 6. *Nomen nudum*.

***pseudorugosa****. Myrmica pseudorugosa* Bharti, 2012b: 12, figs. 4-6 (w.) PAKISTAN.

*puerilis. Myrmica puerilis* Stärcke, 1942c: xxvii, figs. 1-3, 5 (w.q.m.) NETHERLANDS. Material of the *nomina nuda atlantica, neglecta* referred here: Stärcke, 1942c: xxvii. Junior synonym of *specioides*: Collingwood & Yarrow, 1969: 57; Seifert, 1988b: 16.

***pulchella****. Myrmica margaritae* var. *pulchella* Santschi, 1937h: 368 (w.) TAIWAN. Radchenko & Elmes, 2010: 222 (q.). Junior synonym of *formosae* Wheeler, W.M. 1929g: 37 (junior primary homonym of *formosa* Smith, F. 1858b: 128): Radchenko & Elmes, 1998: 7; hence *pulchella* first available replacement name for *formosae* Wheeler, W.M.: Radchenko & Elmes, 2010: 221.

*punctata* Smith, F. 1860; see under ***PRISTOMYRMEX***.

***punctinops***. *Myrmica punctinops* Francoeur, 2007: 163, figs. 20 – 27 (w.) U.S.A.

***punctiventris****. Myrmica punctiventris* Roger, 1863a: 190 (w.) U.S.A. Mayr, 1886d: 450 (q.); Emery, 1895c: 312 (m.). Senior synonym of *isfahani*: Weber, 1950b: 512. See also: Francoeur, 2007: 158.

*punica* Smith, 1861; see under ***TETRAMORIUM***.

\**pusilla* Heer, 1849; see under ***CREMATOGASTER***.

*pyrenaea. Myrmica arduennae* var. *pyrenaea* Bondroit, 1918: 106, fig. 53 (w.) FRANCE. Raised to species: Bondroit, 1920a: 151. Subspecies of *lobicornis*: Finzi, 1926: 108; Santschi, 1931b: 350. Junior synonym of *lobicornis*: Seifert, 1988b: 38; of *lobulicornis*: Seifert, 2005: 6.

*quadrispinosa* Smith, F. 1865; see under ***PHEIDOLE***.

***quebecensis****. Myrmica quebecensis* Francoeur, 1981: 756, figs. 5, 6 (q.) CANADA. Francoeur & Loiselle, 1984: 4 (m.).

***radchenkoi****. Myrmica radchenkoi* Bharti & Sharma, 2011b: 430, figs. 1-6 (w.q.) INDIA.

***ravasinii****. Myrmica ravasinii* Finzi, 1923: 2, fig. (w.) ALBANIA. Arakelian, 1989: 734 (q.m.). See also: Finzi, 1926: 112; Seifert, 2003b: 150; Radchenko, Elmes & Alicata, 2006: 519; Radchenko & Elmes, 2010: 223.

*recedens* Nylander, 1856; see under ***TEMNOTHORAX***.

*rediana* Gené, 1841; see under ***CREMATOGASTER***.

***religiosa****. Myrmica religiosa* Bharti & Gul, in Bharti & Sharma, 2013: 127, figs. 13-15 (w.) INDIA.

*reticulata* Smith, F. 1862; see under ***TETRAMORIUM***.

*reticulata. Myrmica rolandi* var *reticulata* Stärcke, 1942c: xxv (w.q.m.) SPAIN. [First available use of *Myrmica scabrinodis* st. *rolandi* var. *reticulata* Santschi, 1931b: 344; unavailable name.] Junior synonym of *scabrinodis*: Seifert, 1988b: 27.

***rhynchophora****. Myrmica rhynchophora* Foerster, 1850b: 488 (m.) ALGERIA. Junior synonym of *Manica rubida*: Mayr, 1861: 63. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko & Elmes, 2010: 662.

***rhytida****. Myrmica rhytida* Radchenko & Elmes, 1999a: 41, fig. 5 (1-10) (w.q.m.) INDIA. See also: Radchenko & Elmes, 2010: 224.

***rigatoi****. Myrmica rigatoi* Radchenko & Elmes, 1998: 18, fig. 4 (6-10) (w.) PAKISTAN. See also: Radchenko & Elmes, 2010: 225.

***ritae****. Myrmica ritae* Emery, 1889b: 501, pl. 11, fig. 27 (w.) MYANMAR. Radchenko & Elmes, 1999b: 95 (q.). See also: Bingham, 1903: 267; Radchenko & Elmes, 1998: 5; Radchenko & Elmes, 2010: 226.

*rolandi. Myrmica rolandi* Bondroit, 1918: 101 (w.q.) FRANCE. Subspecies of *sulcinodis*: Santschi, 1919e: 244; Menozzi, 1922b: 325; of *scabrinodis*: Emery, 1921f: 40; Santschi, 1925g: 340; Santschi, 1931b: 344. Revived status as species: Finzi, 1926: 89; Bernard, 1967: 115. Junior synonym of *aloba*: Seifert, 1988b: 29.

***rubra****. Formica rubra* Linnaeus, 1758: 580 (w.) EUROPE. Latreille, 1802c: 248 (q.m.); Wheeler, G.C. & Wheeler, J. 1953a: 118 (l.); Hauschteck, 1965: 325 (k.). Combination in *Myrmica*: Latreille, 1804: 179. Senior synonym of *laevinodis* (and its junior synonyms *bruesi, champlaini, longiscapus*): Yarrow, 1955b: 114; Arnol'di, 1970b: 1839; Boven, 1977: 115; Arnol'di & Dlussky, 1978: 530; Collingwood, 1979: 52; Seifert, 1988b: 5; of *europaea*: Radchenko, Czechowski & Czechowska, 1997: 483; Czechowski, Radchenko & Czechowska, 2002: 17; of *microrubra*: Steiner, Schlick-Steiner, Konrad, *et al*. 2006: 777. Current subspecies: nominal plus *khamensis, neolaevinodis*. See also: Emery, 1908a: 169; Brian, M.V. & Brian, A.D. 1949: 393; Smith, D.R. 1979: 1350; Pearson, 1981: 75; Seifert, 1988b: 5; Onoyama, 1989a: 131; Atanassov & Dlussky, 1992: 83; Radchenko & Elmes, 2010: 228.

*rubra* Buckley, 1867; see under ***LABIDUS***.

*rubriceps* Nylander, 1849; see under ***CREMATOGASTER***.

\****rudis****. \*Macromischa rudis* Mayr, 1868c: 85, pl. 4, fig. 85 (w.) BALTIC AMBER (Eocene). Combination in \**Nothomyrmica*: Wheeler, W.M. 1915h: 60; in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1495. See also: Radchenko & Elmes, 2010: 655.

*rufa* Jerdon, 1851; see under ***CREMATOGASTER***.

*ruficeps* Smith, F. 1861; see under ***PHEIDOLE***.

*rufitarsis* Foerster, 1850; see under ***MESSOR***.

*rufotestacea* Foerster, 1850; see under ***MESSOR***.

\**rugiceps* Heer, 1849; see under ***PHEIDOLOGETON***.

*rugifrons* Smith, F. 1858; see under ***MONOMORIUM***.

*ruginodiformis. Myrmica rugulosa* var. *ruginodiformis* Karavaiev, 1929b: 204 (w.q.m.) KYRGYZSTAN. Junior synonym of *dshungarica*: Arnol'di, 1976a: 551.

***ruginodis****. Myrmica ruginodis* Nylander, 1846a: 929, pl. 18, figs. 5, 30 (w.q.m.) FINLAND. Hauschteck, 1965: 325 (k.). Subspecies of *rubra*: Forel, 1874: 76; Emery & Forel, 1879: 460; Ruzsky, 1904a: 288; Bondroit, 1910: 498; Forel, 1915d: 28; Menozzi, 1918: 82; Karavaiev, 1927c: 258; of *laevinodis*: Mayr, 1886d: 450; Ruzsky, 1902d: 29. Junior synonym of *rubra*: Santschi, 1931b: 339. Status as species: Saunders, E. 1880: 214; André, 1883a: 317; Nasonov, 1889: 33; Forel, 1892i: 315; Bondroit, 1912: 351; Donisthorpe, 1915d: 115; Bondroit, 1918: 103; Santschi, 1919e: 244; Müller, 1923: 41; Finzi, 1926: 85; Stitz, 1939: 83; Novak & Sadil, 1941: 76; Holgersen, 1942: 8; Collingwood, 1958b: 68; Bernard, 1967: 120; Collingwood & Yarrow, 1969: 56; Kutter, 1977c: 67; Arnol'di & Dlussky, 1978: 530; Collingwood; 1979: 53; Seifert, 1988b: 6; Atanassov & Dlussky, 1992: 86. Senior synonym of *diluta*: Mayr, 1861: 63, Radchenko, 2007: 28; of *dimidiata*: Weber, 1947: 448; of *ruginodolaevinodis*: Bernard, 1967: 120; Boven, 1977: 115; of *mutata*: Seifert, 1988b: 6; of *macrogyna, microgyna*: Bolton, 1995b: 282; of *silvestrii, sontica, yoshiokai*: Radchenko & Elmes, 2010: 236. See also: Radchenko, 2007: 30.

*ruginodolaevinodis. Myrmica rubra* var. *ruginodolaevinodis* Forel, 1874: 78 (q.m.) SWITZERLAND. Raised to species: Stitz, 1917: 347. Subspecies of *rubra*: Finzi, 1926: 86; Stitz, 1939: 84; Sadil, 1952: 241. Junior synonym of *ruginodis*: Bernard, 1967: 120; Boven, 1977: 115.

***rugiventris****. Tetramorium rugiventris* Smith, M.R. 1943b: 4 (w.) U.S.A. Gregg, 1961: 218 (q.m.). Combination in *Myrmica*: Brown, 1957d: 6; in *Paramyrmica*: Gregg, 1961: 215; in *Myrmica*: Bolton, 1988a: 6.

*rugosa. Myrmica rugosa* Mayr, 1855: 411. *Nomen nudum*, attributed to Koch; referred to *scabrinodis* by Mayr, 1855: 411.

***rugosa****. Myrmica rugosa* Mayr, 1865: 19 (footnote) (w.) HIMALAYA (India?). Radchenko & Elmes, 2002: 41 (q.m.). See also: Bingham, 1903: 268; Radchenko & Elmes, 2010: 242.

*rugososmythiesi. Myrmica rugosa* var. *rugososmythiesi* Forel, 1902c: 228 (w.) INDIA. Junior synonym of *debilior*: Forel, 1902c: 228.

***rugulosa****. Myrmica rugulosa* Nylander, 1849: 32 (w.q.) FINLAND. Mayr, 1855: 405 (m.); Lomnicki, 1924: 817 (gynandromorph). Subspecies of *rubra*: Forel, 1874: 77; Emery & Forel, 1879: 40; of *scabrinodis*: Forel, 1892i: 315; Ruzsky, 1905b: 690; Emery, 1908a: 177; Emery, 1916b: 120. Status as species: André, 1883a: 317; Ruzsky, 1902d: 30; Bondroit, 1918: 100; Finzi, 1926: 91; Karavaiev, 1929b: 203; Holgersen, 1940: 185; Boven, 1947: 175; Bernard, 1967: 115; Kutter, 1977c: 68; Arnol'di & Dlussky, 1978: 532; Collingwood, 1979: 54; Seifert, 1988b: 11; Atanassov & Dlussky, 1992: 89. Senior synonym of *clandestina*: Mayr, 1855: 405; of *sulcinodorugulosa*: Radchenko, 1994e: 75. See also: Radchenko, 2007: 28; Radchenko & Elmes, 2010: 244.

*rugulosoides. Myrmica scabrinodis* var. *rugulosoides* Forel, 1915d: 29 (w.) SWITZERLAND. Kutter, 1924: 8 (q.m.). Subspecies of *scabrinodis*: Kutter, 1924: 8; Santschi, 1931b: 342; Stitz, 1939: 93; Novak & Sadil, 1941: 79. Status as species: Bondroit, 1918: 102; Müller, 1923: 42; Finzi, 1926: 94; Baroni Urbani, 1971c: 30; Kutter, 1977c: 68. Junior synonym of *scabrinodis*: Bernard, 1967: 116; Banert & Pisarski, 1972: 350; Collingwood, 1979: 55; Seifert, 1984b: 1; Seifert, 1988b: 27.

*rugulososcabrinodis. Myrmica rubra* var. *rugulososcabrinodis* Forel, 1874: 226. *Nomen nudum*.

*rugulososcabrinodis. Myrmica (Myrmica) rugulosa* var. *rugulososcabrinodis* Karavaiev, 1929b: 205, fig. 1 (w.m.) GEORGIA, ARMENIA. Junior synonym of *bessarabica*: Dlussky, Soyunov & Zabelin, 1990: 182; Atanassov & Dlussky, 1992: 93. Revived from synonymy and senior synonym of *caucasica*: Radchenko & Elmes, 2004: 231. Junior synonym of *hellenica*: Seifert, *et al*. 2009: 68.

***rupestris****. Myrmica smythiesii* var. *rupestris* Forel, 1902c: 227 (w.) INDIA. Radchenko & Elmes, 2002: 44 (q.m.). Raised to species and senior synonym of *debilior* (and its junior synonym *rugososmythiesi*), *everesti* : Radchenko & Elmes, 2001a: 245. See also: Radchenko & Elmes, 2010: 246.

*russula* Nylander, 1856; see under ***TEMNOTHORAX***.

***ruzskyana****. Myrmica ruzskyana* Radchenko & Elmes, 2010: 249. Replacement name for *exigua* Ruzsky, 1915a: 440. [Junior primary homonym of *exigua* Buckley, 1867: 342.]

*ruzskyi. Myrmica kozlovi* subsp. *ruzskyi* Kiseleva, 1925: 75, fig. (w.) RUSSIA. Junior synonym of *kurokii*: Radchenko, 1994f: 74.

*ruzskyi. Myrmica kozlovi* subsp. *ruzskyi* Weber, 1947: 471. [**Unresolved junior primary homonym** of *ruzskyi* Kiseleva, above.] Unnecessary replacement name for, and hence junior synonym of, *subalpina* Ruzsky, 1915a: 438: Bolton, 1995b: 282.

*sabeana* Buckley, 1867; see under ***SOLENOPSIS***.

***sabuleti****. Myrmica sabuleti* Meinert, 1861: 327 (w.m.) DENMARK. Emery, 1908a: 176 (q.); Hauschteck, 1965: 325 (k.); Donisthorpe, 1915b: 258 (gynandromorph). Junior synonym of *lobicornis*: Dalla Torre, 1893: 111. Subspecies of *scabrinodis*: Emery, 1908a: 176; Bondroit, 1910: 495; Emery, 1916b: 120; Menozzi, 1922b: 325; Finzi, 1924a: 12; Finzi, 1926: 101; Menozzi, 1936d: 270. Status as species: Bondroit, 1918: 102; Santschi, 1931b: 345; Karavaiev, 1934: 80; Stitz, 1939: 94; Weber, 1939b: 144; Holgersen, 1940: 184; Novak & Sadil, 1941: 79; Bernard, 1967: 117; Baroni Urbani, 1971c: 31; Kutter, 1977c: 68; Arnol'di & Dlussky, 1978: 534; Collingwood, 1979: 54; Seifert, 1988b: 31; Atanassov & Dlussky, 1992: 97. Senior synonym of *scabrinodolobicornis*: Radchenko, 1994e: 80. See also: Emery, 1895c: 314; Radchenko & Elmes, 2010: 250.

*saevissima* Smith, F. 1855; see under ***SOLENOPSIS***.

***salina****. Myrmica scabrinodis* var. *salina* Ruzsky, 1905b: 687 (w.q.m.) RUSSIA & KAZAKHSTAN. Subspecies of *schencki*: Weber, 1948a: 302. Junior synonym of *lonae*: Sadil, 1952: 249. Revived from synonymy and raised to species: Arnol'di, 1970b: 1842; Arnol'di & Dlussky, 1978: 534; Seifert, 1988: 25. Junior synonym of *lacustris*: Radchenko, 1994f: 77. Revived from synonymy: Seifert, 1994: 13; Seifert, 2002a: 96, 99. Senior synonym of *ahngeri*, *georgica*, *tobiasi*: Seifert, 2011: 183. See also: Radchenko & Elmes, 2004: 228; Radchenko & Elmes, 2009c: 520; Radchenko & Elmes, 2010: 254.

*sallei* Guérin-Méneville, 1852; see under ***TEMNOTHORAX***.

*samnitica. Myrmica samnitica* Mei, 1987: 457, figs. 1-15 (q.m.) ITALY. Junior synonym of *laurae*: Radchenko & Elmes, 2003a: 224.

*sancta. Myrmica scabrinodis* var. *sancta* Karavaiev, 1926f: 67, fig. 4 (w.) UKRAINE. Seifert, 1988b: 21 (q.m.). Junior synonym of *scabrinodis*: Stitz, 1939: 90; Sadil, 1952: 249; of *specioides*: Kutter, 1977c: 70. Revived from synonymy and raised to species: Arnol'di, 1970b: 1840; Arnol'di & Dlussky, 1978: 532; Seifert, 1988b: 21. Junior synonym of *bessarabica*: Dlussky, Soyunov & Zabelin, 1990: 182; Atanassov & Dlussky, 1992: 93; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229; Radchenko & Elmes, 2010: 284.

***saposhnikovi****. Myrmica lobicornis* r. *saposhnikovi* Ruzsky, 1904b: 3 (w.) KAZAKHSTAN. Kuznetsov-Ugamsky, 1927e: 194 (q.m.). Subspecies of *scabrinodis*: Ruzsky, 1905b: 701; Emery, 1908a: 180. Raised to species: Pisarski, 1969b: 296; Arnol'di, 1976a: 553; Tarbinsky, 1976: 35. Senior synonym of *bergiana*: Radchenko, 1994g: 85. See also: Radchenko & Elmes, 2010: 256.

*saxicola* Buckley, 1867; see under ***SOLENOPSIS***.

***scabrata****. Myrmica (Diplorhoptrum) scabrata* Buckley, 1867: 343 (w.) U.S.A. **Unidentifiable to genus**: Wheeler, W.M. 1902f: 28; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414; *incertae* *sedis* in *Myrmica*: Bolton, 1995b: 283.

***scabrinodis****. Myrmica scabrinodis* Nylander, 1846a: 930 (w.q.m.) FINLAND. Wheeler, G.C. & Wheeler, J. 1953a: 119 (l.); Hauschteck, 1965: 325 (k.); Wasmann, 1891: 298 (gynandromorph). Subspecies of *rubra*: Forel, 1874: 76; Emery & Forel, 1879: 460; Emery, 1895c: 313; Forel, 1904b: 374; Wheeler, W.M. 1908g: 406. Status as species: Saunders, E. 1880: 215; Nasonov, 1889: 36; Emery, 1898c: 126; Emery, 1908a: 174; Bondroit, 1912: 351; Stitz, 1914: 71; Donisthorpe, 1915d: 125; Forel, 1915d: 29; Karavaiev, 1916: 504; Emery, 1916b: 120; Wheeler, W.M. 1917a: 504; Bondroit, 1918: 101; Santschi, 1921a: 110; Menozzi, 1922b: 325; Müller, 1923: 43; Finzi, 1926: 98; Karavaiev, 1926b: 95; Santschi, 1931b: 341; Bernard, 1967: 116; Tarbinsky, 1976: 41; Kutter, 1977c: 69; Arnol'di & Dlussky, 1978: 534; Collingwood, 1979: 55; Seifert, 1988b: 27; Atanassov & Dlussky, 1992: 95. Senior synonym of *pilosiscapus*: Kutter, 1977c: 69; Collingwood, 1979: 55; Seifert, 1988b: 27; Casevitz-Weulersse, 1990a: 137; of *rugulosoides*: Bernard, 1967: 116; Banert & Pisarski, 1972: 350; Collingwood, 1979: 55; Seifert, 1984b: 1; of *reticulata*: Seifert, 1988b: 27; of *scabrinodosabuleti*: Radchenko & Elmes, 2010: 259; of *symbiotica*: Csösz, 2012: 28. Material of the *nomen nudum rugosa* referred here by Mayr, 1855: 411. See also: Radchenko, 2007: 29; Radchenko & Elmes, 2010: 259.

*scabrinodoides. Myrmica (Myrmica) balcanica* var. *scabrinodoides* Sadil, 1952: 255, figs. V, 9-13; VII, 37; IX, 34; XI, 10, 11 (w.q.m.) CZECHOSLOVAKIA. Junior synonym of *specioides*: Pisarski, 1975: 12; Kutter, 1977c: 70; Seifert, 1988b: 16; of *bessarabica*: Atanassov & Dlussky, 1992: 93; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication); Radchenko & Elmes, 2010: 284.

*scabrinodolobicornis. Myrmica rubra* var. *scabrinodolobicornis* Forel, 1874: 77 (w.q.m.) SWITZERLAND. Subspecies of *scabrinodis*: Emery, 1921f: 40; of *sabuleti*: Weber, 1948a: 296. Junior synonym of *lonae*: Sadil, 1952: 249; of *sabuleti*: Radchenko, 1994e: 80.

*scabrinodorugulosa. Myrmica rugulosa* var. *scabrinodorugulosa* Nasonov, 1892: 9. *Nomen nudum*.

*scabrinodosabuleti. Myrmica (Myrmica) scabrinodis* var. *scabrinodosabuleti* Sadil, 1952: 253, figs. IV, 13-15; VII, 17-19 (w.m.) CZECHOSLOVAKIA. Junior synonym of *sabuleti*: Radchenko, 1994e: 80; of *scabrinodis*: Radchenko & Elmes, 2010: 259.

*scabrosa* Smith, F. 1859; see under ***TETRAMORIUM***.

*scalpturata* Nylander, 1856; see under **MESSOR**.

***schencki****. Myrmica rubra* var. *schencki* Viereck, 1903: 72 (w.q.m.) EUROPE (see Baroni Urbani, 1971c: 35 (note)). [First available use of *Myrmica rubra* subsp. *scabrinodis* var. *schencki* Emery, 1895c: 315; unavailable name.] Wheeler, G.C. & Wheeler, J. 1953a: 120 (l.). Subspecies of *scabrinodis*: Emery, 1908a: 178; Forel, 1915d: 29. Status as species: Bondroit, 1911: 11; Bondroit, 1912: 351; Donisthorpe, 1915c: 265; Bondroit, 1918: 103; Müller, 1923: 44; Finzi, 1926: 109; Karavaiev, 1926b: 95; Stärcke, 1927: 84; Santschi, 1931b: 351; Karavaiev, 1934: 93; Bernard, 1967: 118; Arnol'di, 1970b: 1843; Tarbinsky, 1976: 42; Kutter, 1977c: 70; Arnol'di & Dlussky, 1978: 535; Collingwood, 1979: 56; Seifert, 1988b: 35; Kupyanskaya, 1990: 109; Atanassov & Dlussky, 1992: 99. Senior synonym of *kutteri*: Bernard, 1967: 118; of *subopaca*: Arnol'di, 1970b: 1843; of *betuliana*: Radchenko, 1994f: 77; of *schenckioides*: Radchenko & Elmes, 2010: 266. See also: Seifert, 2003b: 145; Radchenko, Elmes & Alicata, 2006: 513; Radchenko & Elmes, 2010: 266.

*schenckioides. Myrmica schenckioides* Boer & Noordijk, 2005: 120 figs. 1-4 (q.) NETHERLANDS. Junior synonym of *schencki*: Radchenko & Elmes, 2010: 266.

***schoedli****. Myrmica schoedli* Radchenko, Elmes & Bui, 2006: 36, figs. 1 – 10 (w.q.) VIETNAM. Radchenko & Elmes, 2010: 272 (m.). See also: Radchenko & Elmes, 2010: 272.

***schulzi****. Myrmica schulzi* Radchenko & Elmes, 2009a: 72, figs. 16-20 (w.) CHINA. See also: Radchenko & Elmes, 2010: 273.

***sculptiventris****. Myrmica sculptiventris* Radchenko & Elmes, 2009a: 72, figs. 11-15 (w.) CHINA. See also: Radchenko & Elmes, 2010: 274.

*seminigra* Cresson, 1865; see under ***POGONOMYRMEX***.

***semiparasitica***. *Myrmica semiparasitica* Francoeur, 2007: 161, figs. 14 – 19 (w.q.m.) U.S.A.

*semipolita* Nylander, 1856; see under ***APHAENOGASTER***.

***serica****. Myrmica margaritae* var. *serica* Wheeler, W.M. 1928c: 8 (w.) CHINA. Radchenko & Elmes, 1998: 9 (m.); Weber, 1950b: 223 (q.). Subspecies of *ritae*: Weber, 1950b: 222. Raised to species: Radchenko, 1994a: 44. See also: Radchenko & Elmes, 2010: 275.

***siciliana.*** *Myrmica siciliana* Radchenko, Elmes & Alicata, 2006: 502, figs. 2-21 (w.q.m.) ITALY (Sicily). See also: Radchenko & Elmes, 2010: 277.

*silvestrianum. Tetramorium silvestrianum* Emery, 1924c: 167, fig. A1 (w.) SPAIN. Junior synonym of *Tetramorium* *forte*: Collingwood, 1978: 71. Combination in *Myrmica*: Güsten, Schulz & Sanetra, 2006: 29. Junior synonym of *specioides*: Güsten, Schulz & Sanetra, 2006: 29.

*silvestrii. Myrmica ruginodis* var. *silvestrii* Wheeler, W.M. 1928d: 100 (w.) JAPAN. Subspecies of *rubra*: Weber, 1947: 451. Raised to species: Collingwood, 1976: 301. Junior synonym of *ruginodis*: Radchenko & Elmes, 2010: 236.

*simillima* Smith, F. 1851; see under ***TETRAMORIUM***.

*simpliciuscula* Nylander, 1856; see under ***TEMNOTHORAX***.

***sinensis****. Myrmica sinensis* Radchenko, Zhou & Elmes, 2001: 212, figs. 1-5 (w.) CHINA. See also: Radchenko & Elmes, 2010: 278.

*sinica. Myrmica sinica* Wu & Wang, 1995: 94, figs. 137, 145, 146 (w.q.) CHINA. Junior synonym of *excelsa*: Radchenko, Zhou, *et al*. 2008: 783.

***sinoschencki****. Myrmica sinoschencki* Radchenko & Elmes, in Radchenko, Zhou, *et al*. 2008: 778, figs. 31-38 (w.) CHINA. See also: Radchenko & Elmes, 2010: 279.

*slobodensis. Myrmica rugulosa* var. *slobodensis* Arnol'di, 1934: 162 (w.m.) UKRAINE. Senior synonym of *constricta*: Karavaiev, 1936: 274 (priority incorrect, *constricta* has seniority). Junior synonym of *rugulosa*: Arnol'di, 1970b: 1840; of *hellenica*: Radchenko, 2009: 70; of *constricta*: Seifert, *et al*. 2009: 72.

***slovaca****. Myrmica (Myrmica) slovaca* Sadil, 1952: 259, figs. VI, 8-14; VIII, 35, 36; IX, 35; X, 10, XI, 13 (w.q.m.) CZECHIA, SLOVAKIA, UKRAINE, BULGARIA. Junior synonym of *salina*: Seifert, 1988b: 25. Revived from synonymy: Radchenko, 1994e: 80. Junior synonym of *salina*: Seifert, 1994: 13; Seifert, 2002a: 96. Revived from synonymy: Radchenko & Elmes, 2010: 272. See also: Kutter, 1977c: 71; Arnol'di & Dlussky, 1978: 534; Radchenko & Elmes, 2004: 228.

***smythiesii****. Myrmica smythiesii* Forel, 1902c: 226 (w.) INDIA. Radchenko & Elmes, 2002: 37 (q.). Senior synonym of *himalayana*: Radchenko & Elmes, 2001a: 253. See also: Bingham, 1903: 269; Radchenko & Elmes, 2010: 282.

*sontica. Myrmica kurokii* var. *sontica* Santschi, 1937h: 367 (w.) JAPAN. Currently subspecies of *kurokii*: Weber, 1947: 470. Junior synonym of *ruginodis*: Radchenko & Elmes, 2010: 236.

*sordidula* Nylander, 1849; see under ***CREMATOGASTER***.

***spatulata****. Myrmica schencki* var. *spatulata* Smith, M.R. 1930b: 566, figs. 1-4 (w.q.) U.S.A. Raised to species: Creighton, 1950a: 105.

***specioides****. Myrmica specioides* Bondroit, 1918: 100 (w.q.m.) BELGIUM. Junior synonym of *scabrinodis*: Emery, 1921f: 40; Sadil, 1952: 249; Bernard, 1967: 116; of *rugulosoides*: Santschi, 1931b: 342. Revived from synonymy: Collingwood & Yarrow, 1969: 57; Collingwood, 1979: 56; Seifert, 1988b: 16. Senior synonym of *puerilis*: Collingwood & Yarrow, 1969: 57; of *balcanica*: Pisarski, 1975: 12; Kutter, 1977c: 70; Seifert, 1988b: 16; of *scabrinodoides, striata*: Collingwood, 1979: 56. Junior synonym of *bessarabica*: Atanassov & Dlussky, 1992: 93. Revived from synonymy: Seifert, 1994: 11; Seifert, 1996b: 146 (in key); Radchenko, Czechowski & Czechowska, 1997: 488; Seifert, 2002a: 95; Radchenko & Elmes, 2004: 229. Senior synonym of *balcanica, nevodovskii, puerilis, sancta, scabrinodoides, striata, tschuliensis*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication); Radchenko & Elmes, 2010: 284. Senior synonym of *sancta*: Radchenko & Elmes, 2004: 229; of *silvestrianum*: Güsten, Schulz & Sanetra, 2006: 29; of *dolens*: Radchenko & Elmes, 2010: 284; of *kozakorum, turcica*: Seifert, 2011: 183.

*speciolosa. Myrmica speciolosa* Seifert, 1988b: 14. **Unavailable name** (Bolton, 1995b: 283).

*specularis. Myrmica specularis* Donisthorpe, 1929a: 446 (w.) TIBET. Junior synonym of *kozlovi*: Radchenko & Elmes, 2001a: 259.

***spinosior****. Myrmica sabuleti* var. *spinosior* Santschi, 1931a: 3 (w.q.m.) FRANCE. [Also described as new by Santschi, 1931b: 346.] Junior synonym of *sabuleti*: Seifert, 1988b: 31; Casevitz-Weulersse, 1990a: 137. Revived from synonymy and raised to species: Seifert, 2005: 7. See also: Radchenko & Elmes, 2010: 289.

***stangeana****. Myrmica stangeana* Ruzsky, 1902a: 234 (w.) RUSSIA, KAZAKHSTAN. Seifert, 1988b: 23 (q.m.). [Also described as new by Ruzsky, 1902b: 474.] Subspecies of *bergi*: Ruzsky, 1903b: 314; Ruzsky, 1905b: 678; of *scabrinodis*: Emery, 1908a: 178. Revived status as species: Arnol'di, 1970b: 1841; Arnol'di & Dlussky, 1978: 533. Senior synonym of *medvedevi*: Seifert, 1988b: 23; Radchenko, 1994e: 78; of *lacustris*: Radchenko & Elmes, 2009c: 509. See also: Radchenko & Elmes, 2010: 291.

*starki. Myrmica (Myrmica) schencki* var. *starki* Karavaiev, 1929b: 208 (w.) RUSSIA. Junior synonym of *lobicornis*: Arnol'di, 1970b: 1842. See also: Karavaiev, 1931b: 29.

*strandi. Myrmica rugulosa* subsp. *limanica* var. *strandi* Arnol'di, 1934: 164, fig. 16 (w.) UKRAINE. **Unavailable name**; material referred to *limanica* by Arnol'di, 1970b: 1840; to *gallienii* by Radchenko, 1994e: 76.

*striata. Myrmica rugulosoides* var. *striata* Finzi, 1926: 96, fig. 7 (w.q.m.) ITALY. Subspecies of *scabrinodis*: Santschi, 1931b: 344. Junior synonym of *specioides*: Collingwood, 1979: 56; Güsten, *et al*. 2006: 29; of *hellenica*: Seifert, *et al*. 2009: 68; of *specioides*: Radchenko & Elmes, 2010: 284.

*striatula* Nylander, 1849; see under ***MYRMECINA***.

***striolagaster****. Myrmica striolagaster* Cole, 1953a: 81 (w.) U.S.A. Cole, 1957c: 208 (q.m.); Wheeler, G.C. & Wheeler, J. 1972b: 234 (l.).

*subacuta. Myrmica rugosa* subsp. *dshungarica* var. *subacuta* Kuznetsov-Ugamsky, 1927e: 192 (m.) KYRGYZSTAN. **Unavailable name**; material referred to *dshungarica* by Tarbinsky, 1976: 29; Radchenko, 1994f: 73.

*subalpina. Myrmica kozlovi* subsp. *subalpina* Ruzsky, 1915a: 438, fig. 14 (w.) TIBET. Senior synonym of *ruzskyi* Weber (unnecessary replacement name): Bolton, 1995b: 283. Junior synonym of *kozlovi*: Radchenko & Elmes, 2010: 175. See also: Menozzi, 1939a: 294.

*subalpina. Myrmica brevinodis* var. *subalpina* Wheeler, W.M. 1917a: 503 (w.q.m.) U.S.A. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *subalpina* Wheeler, W.M. 1907b: 77; unavailable name.] [**Unresolved junior primary homonym** of *subalpina* Ruzsky, above.] Junior synonym of *brevinodis*: Weber, 1950b: 189.

*subaltaica. Myrmica scabrinodis* subsp. *kasczenkoi* var. *subaltaica* Ruzsky, 1925b: 45 (w.) RUSSIA. **Unavailable name**; material referred to *kasczenkoi* by Radchenko, 1994g: 82.

*subbrevispinosa. Myrmica kozlovi* subsp. *subbrevispinosa* Ruzsky, 1915a: 437, fig. 13 (w.) TIBET. Junior synonym of *kozlovi*: Radchenko & Elmes, 2010: 175.

*sublaevis* Nylander, 1849; see under ***HARPAGOXENUS***.

***sublanuginosa****. Myrmica (Atta) sublanuginosa* Buckley, 1867: 343 (w.) U.S.A. **Unidentifiable to genus**: Wheeler, W.M. 1902f: 28; *incertae sedis* in Myrmicinae: Smith, D.R. 1979: 1414; *incertae sedis* in *Myrmica*: Bolton, 1995b: 284.

*subopaca* Smith, F. 1858; see under ***MONOMORIUM***.

*subopaca. Myrmica schencki* nat. *subopaca* Arnol'di, 1934: 172, figs. 36, 37 (w.) UKRAINE. [Also described as new by Arnol'di, in Karavaiev, 1934: 96.] [**Unresolved junior primary homonym** of *subopaca* Smith, F. 1858b: 127, above.] Junior synonym of *schencki*: Arnol'di, 1970b: 1843.

*subrubra* Buckley, 1867; see under ***APHAENOGASTER***.

***sulcinodis****. Myrmica sulcinodis* Nylander, 1846a: 934 (w.q.) FINLAND. Mayr, 1855: 409 (m.); Hauschteck, 1965: 323 (k.); Donisthorpe, 1919: 1 (ergatandromorph); Santschi, 1931b: 351 (ergatandromorph). Subspecies of *rubra*: Forel, 1874: 76; Emery & Forel, 1879: 460; Wheeler, W.M. 1908g: 406. Status as species: Saunders, E. 1880: 215; André, 1883a: 317; Bondroit, 1912: 351; Emery, 1908a: 173; Forel, 1915d: 29; Donisthorpe, 1915d: 122; Emery, 1916b: 119; Finzi, 1926: 86; Bernard, 1967: 121; Kutter, 1977c: 70; Arnol'di & Dlussky, 1978: 531; Collingwood, 1979: 57; Seifert, 1988b: 7; Atanassov & Dlussky, 1992: 87. Senior synonym of *derzhavini*: Kupyanskaya, 1986b: 94; of *myrmecophila*: Boven, 1970a: 130; Seifert, 1988b: 8; of *nigripes*: Seifert, 1988b: 7; of *perelegans*: Mayr, 1855: 408; Smith, F. 1855b: 120; of *sulcinodoruginodis, sulcinodoscabrinodis* Forel: Bernard, 1967: 121; of *eximia*: Radchenko, 1994g: 81; of *sulcinodoscabrinodis* Ruzsky, *vicaria*: Radchenko & Elmes, 2010: 294. See also: Radchenko, 2007: 28; Radchenko & Elmes, 2010: 293.

*sulcinodoides. Myrmica brevinodis* var. *sulcinodoides* Wheeler, W.M. 1917a: 502 (w.) U.S.A. [First available use of *Myrmica rubra* subsp. *brevinodis* var. *sulcinodoides* Emery, 1895c: 313; unavailable name.] Wheeler, W.M. 1907b: 76 (q.m.). Junior synonym of *brevinodis*: Creighton, 1950a: 96. Revived from synonymy and raised to species: Hunt & Snelling, 1975: 21. Subspecies of *incompleta*: Smith, D.R. 1979: 1349. Revived status as species: Mackay, Lowrie, *et al*. 1988: 92 (in key). Senior synonym of *frigida*: Wheeler, W.M. 1917e: 16; Weber, 1950b: 195; of *whymperi*: Wheeler, W.M. 1917a: 502. [Wheeler gives *sulcinodoides* as senior synonym, but *whymperi* has priority over *sulcinodoides* and *frigida*, and hence is first available name for this taxon: Bolton, 1995b: 284.]

*sulcinodolobicornis. Myrmica f. sulcinodolobicornis* Ruzsky, 1895: 31. *Nomen nudum*.

*sulcinodoruginodis. Myrmica ruginodis* var. *sulcinodoruginodis* Donisthorpe, 1915d: 121 (w.) GREAT BRITAIN. [*Myrmica rubra* var. *sulcinodoruginodis* Emery & Forel, 1879: 461. *Nomen nudum*, attributed to Forel.] Junior synonym of *sulcinodis*: Bernard, 1967: 121.

*sulcinodorugulosa. Myrmica rugulosa* var. *sulcinodorugulosa* Nasonov, 1889: 35 (w.) LATVIA, ESTONIA, RUSSIA. Junior synonym of *rugulosa*: Radchenko, 1994e: 75.

*sulcinodoscabrinodis. Myrmica sulcinodoscabrinodis* Ruzsky, 1895: 32 (w.q.m.) RUSSIA. [Also described as new by Ruzsky, 1896: 73.] Junior syonym of *sulcinodis*: Radchenko & Elmes, 2010: 294.

*sulcinodoscabrinodis. Myrmica sulcinodis* var. *sulcinodoscabrinodis* Forel, 1915d: 29 (diagnosis in key) (w.) SWITZERLAND. [*Myrmica rubra* var. *sulcinodoscabrinodis* Forel, 1874: 77. *Nomen nudum*. **Unresolved junior primary homonym** of *sulcinodoscarbinodis* Ruzsky, above.] Junior synonym of *sulcinodis*: Bernard, 1967: 121.

*suspiciosa* Smith, F. 1859; see under ***PHEIDOLE***.

*svartshevskii. Leptothorax svartshevskii* Karavaiev, 1916: 500, fig. 2 (w.q.) RUSSIA. Junior synonym of *dshungarica*: Radchenko, 1994f: 73.

*symbiotica. Sommimyrma symbiotica* Menozzi, 1925d: 25, fig. 1 (w.) ITALY. Combination in *Myrmica*: Bolton, 1988a: 4. Junior synonym of *scabrinodis*: Csösz, 2012: 28. See also: Kutter, 1973c: 256; Radchenko & Elmes, 2003a: 224; Radchenko & Elmes, 2010: 299.

*taediosa. Myrmica taediosa* Bolton, 1995b: 284. Replacement name for *carinata* Kupyanskaya, 1990: 114. [Junior primary homonym of *carinata* Smith, F. 1859a: 148.] Junior synonym of *transsibirica*: Radchenko & Elmes, 2010: 308.

***tahoensis****. Myrmica schencki* var. *tahoensis* Weber, 1948a: 304 (w.q.m.) U.S.A. [First available use of *Myrmica scabrinodis* subsp. *schencki* var. *tahoensis* Wheeler, W.M. 1917a: 504; unavailable name.] Subspecies of *emeryana*: Creighton, 1950a: 99. Raised to species: Yensen, Clark & Francoeur, 1977: 182.

***taibaiensis****. Myrmica taibaiensis* Wei, Zhou & Liu, in Wei, Zhou, He & Liu, 2001: 562, figs. 2-3 (w.q.) CHINA. See also: Radchenko & Elmes, 2009a: 69; Radchenko & Elmes, 2010: 301.

***tamarae****. Myrmica tamarae* Elmes, Radchenko & Aktaç, 2002: 165, figs. 34-43 (w.q.) TURKEY. See also: Radchenko & Elmes, 2010: 302.

*tarbinskii. Myrmica minuta* subsp. *tarbinskii* Arnol'di, 1976a: 549 (w.) KYRGYZSTAN. Junior synonym of *dshungarica*: Radchenko, 1994f: 73.

*tarda* Jerdon, 1851; see under ***MERANOPLUS***.

***tenuispina****. Myrmica laevinodis* var. *tenuispina* Ruzsky, 1905b: 670 (w.) UZBEKISTAN, TAJIKISTAN. [First available use of *Myrmica rubra* r. *laevinodis* var. *tenuispina* Forel, 1904b: 374; unavailable name.] Arnol'di, 1976a: 552 (m.); Radchenko & Elmes, 2002: 35 (q.). Raised to species: Arnol'di, 1976a: 551; Tarbinsky, 1976: 25. See also: Radchenko & Elmes, 2010: 303.

*terminalis* Shuckard, 1838; see under ***CREMATOGASTER***.

\****tertiaria****. \*Myrmica tertiaria* Heer, 1849: 159, pl. 13, fig. 1 (q.) CROATIA (Miocene). [Also described as new by Heer, 1850: 159.] Senior synonym of \**bicolor*: Dalla Torre, 1893: 117. See also: Mayr, 1867b: 58. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*testaceopilosa* Lucas, 1849; see under ***APHAENOGASTER***.

*testaceus. Myrmica balcanica* var. *testaceus* Sadil, 1953c: 207. *Nomen nudum*.

*texana* Buckley, 1860; see under ***ATTA***.

*thoracica* Smith, 1859; see under ***CARDIOCONDYLA***.

*tianshanica. Myrmica tianshanica* Arnol'di, 1976a: 550, fig. 5 (w.m.) KYRGYZSTAN. Junior synonym of *juglandeti*: Radchenko, 1994f: 74.

***tibetana****. Myrmica tibetana* Mayr, 1889: 279 (w.) TIBET. Ruzsky, 1915a: 440 (m.). See also: Radchenko & Elmes, 2010: 304.

*tigreensis* Guérin-Méneville, 1849; see under ***MYRMICARIA***.

*tipuna. Myrmica kurokii* st. *tipuna* Santschi, 1937h: 367 (w.) TAIWAN. Junior synonym of *arisana*: Elmes & Radchenko, 1998: 222.

***titanica****. Myrmica titanica* Radchenko & Elmes, 2001b: 222, figs. 1-7 (w.) VIETNAM. See also: Radchenko & Elmes, 2010: 306.

*tobiasi. Myrmica tobiasi* Radchenko & Elmes, 2004: 224, figs. 1-17 (w.q.m.) KAZAKHSTAN. Junior synonym of *salina*: Seifert, 2011: 183. See also: Radchenko & Elmes, 2010: 307.

*trachylissa* Smith, F. 1858; see under ***PRISTOMYRMEX***.

***transsibirica****. Myrmica transsibirica* Radchenko, 1994h: 212, figs. 23-32 (w.q.m.) RUSSIA. Senior synonym of *taediosa*: Radchenko & Elmes, 2010: 308.

*transversa* Smith, F. 1858; see under ***POGONOMYRMEX***.

*transversinodis* Enzmann, 1946; see under ***TETRAMORIUM***.

*trinodis* Losana, 1834; see under ***PHEIDOLE***.

*triplarina* Weddell, 1850; see under ***PSEUDOMYRMEX***.

*tristis* Smith, F. 1858; see under ***PHEIDOLE***.

***trullicornis****. Myrmica sabuleti* subsp. *trullicornis* Buren, 1944a: 281 (w.q.) U.S.A. Junior synonym of *americana*: Weber, 1948a: 288. Revived from synonymy as subspecies of *hamulata*: Creighton, 1950a: 99.

***tschekanovskii****. Myrmica tschekanovskii* Radchenko, 1994h: 215, figs. 33-39 (w.m.) RUSSIA. See also: Radchenko & Elmes, 2010: 310.

*tshuliensis. Myrmica sancta* subsp. *tshuliensis* Arnol'di, 1976a: 553 (w.q.m.) TURKMENISTAN. Junior synonym of *bessarabica*: Dlussky, Soyunov & Zabelin, 1990: 182; of *specioides*: Seifert, 2002a: 95 (by implication); Radchenko & Elmes, 2004: 229 (by implication); Radchenko & Elmes, 2010: 284.

***tulinae****. Myrmica tulinae* Elmes, Radchenko & Aktaç, 2002: 158, figs. 1-18 (w.q.m.) TURKEY. See also: Radchenko & Elmes, 2010: 311.

*turcica. Myrmica scabrinodis* var. *turcica* Santschi, 1931b: 343 (w.q.) TURKEY. Radchenko & Elmes, 2010: 314 (m.). Raised to species: Seifert, 1988b: 18. Junior synonym of *specioides*: Seifert, 2011: 183. See also: Radchenko & Elmes, 2004: 230; Radchenko & Elmes, 2010: 312.

*typhlops. Myrmica typhlops* Lund, 1831a: 128 (w.) BRAZIL. *Nomen nudum*.

*umbripennis* Smith, F. 1863; see under ***PRISTOMYRMEX***.

*unifasciata* Bostock, 1838; see Bolton, 1987: 356.

***urbanii****. Myrmica urbanii* Radchenko & Elmes, 1998: 16, fig. 4 (1-5) (w.) INDIA. See also: Radchenko & Elmes, 2010: 314.

***ussuriensis****. Myrmica scabrinodis* subsp. *ussuriensis* Kuznetsov-Ugamsky, 1928b: 36 (w.) RUSSIA. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko & Elmes, 2010: 662.

*vagans* Curtis, 1854; see under ***FORMICA***.

***vandeli****. Myrmica vandeli* Bondroit, 1920a: 148, figs. 1, 2 (q.m.) FRANCE. [Also described as new by Bondroit, 1920b: 301.] Kutter, 1977c: 71 (w.). Subspecies of *scabrinodis*: Weber, 1950b: 211. Revived status as species: Bernard, 1967: 122; Kutter, 1977c: 71; Seifert, 1988b: 33. See also: Elmes & Thomas, 1985: 97; Radchenko & Elmes, 2003a: 230; Radchenko & Elmes, 2010: 315.

***varisculpta****. Myrmica varisculpta* Radchenko & Rigato, in Radchenko & Elmes, 2009a: 76, figs. 31-35 (w.) CHINA. See also: Radchenko & Elmes, 2010: 317.

*vastator* Smith, F. 1857; see under ***MONOMORIUM***.

*venusta* Smith, F. 1858; see under ***MONOMORIUM***.

\****venusta****. \*Myrmica venusta* Heer, 1867: 31, pl. 2, fig. 12 (caste?) CROATIA (Miocene). [**Unresolved junior primary homonym** of *venusta* Smith, F. 1858b: 126, above (Bolton, 1995b: 284).] Possible combination in *Solenopsis*: Mayr, 1867b: 60; Handlirsch, 1907: 873; unconfirmed. **Unidentifiable taxon**, *incertae sedis* in *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1494.

*vexator* Smith, F. 1861; see under ***MONOMORIUM***.

*vicaria. Myrmica sulcinodis* subsp. *vicaria* Kuznetsov-Ugamsky, 1928b: 33 (w.) RUSSIA. Junior synonym of *sulcinodis*: Radchenko & Elmes, 2010: 294.

***villosa****. Myrmica villosa* Radchenko & Elmes, 1999a: 31, fig. 1 (6-12) (w.q.) BHUTAN. See also: Radchenko & Elmes, 2010: 318.

*virulens* Smith, F. 1858; see under ***SOLENOPSIS***.

***vittata****. Myrmica vittata* Radchenko & Elmes, 1999a: 33, fig. 2 (1-4) (w.) PAKISTAN. See also: Radchenko & Elmes, 2010: 319.

***wardi****. Myrmica wardi* Radchenko & Elmes, 1999a: 38, fig. 4 (1-10) (w.q.m.) PAKISTAN. See also: Radchenko & Elmes, 2010: 320.

***weberi****. Myrmica weberi* Elmes & Radchenko, 2009: 112, fig. 1 (w.q.) NEPAL. See also: Radchenko & Elmes, 2010: 321.

***weii****. Myrmica weii* Radchenko & Zhou, in Radchenko, Zhou, *et al*. 2008: 779, figs. 39-43 (w.) CHINA. See also: Radchenko & Elmes, 2010: 322.

***wesmaeli****. Myrmica wesmaeli* Bondroit, 1918: 106, fig. 54 (w.) FRANCE. Finzi, 1926: 97 (q.m.); Radchenko & Elmes, 2010: 324 (m.). Subspecies of *sulcinodis*: Emery, 1921f: 42; Santschi, 1931b: 340; of *scabrinodis*: Weber, 1950b: 211. Status as species: Finzi, 1926: 97; Novak & Sadil, 1941: 78. Junior synonym of *lobicornis*: Bernard, 1967: 122. Revived from synonymy and revived status as species: Seifert, 1988b: 39. See also: Radchenko & Elmes, 2010: 323.

***wheeleri****. Myrmica wheeleri* Weber, 1939b: 150 (w.q.m.) U.S.A.

***wheelerorum.*** *Myrmica wheelerorum* Francoeur, 2007: 166, figs. 32 – 35 (w.q.) U.S.A.

***whymperi****. Myrmica brevinodis* var. *whymperi* Forel, 1913l: 215 (w.) U.S.A. [First available use of *Myrmica rubra* r. *brevinodis* var. *whymperi* Forel, 1904a: 154; unavailable name.] Junior synonym of *sulcinodoides*: Wheeler, W.M. 1917a: 502. [Wheeler gives *sulcinodoides* as the senior synonym, but *whymperi* has priority and hence is senior synonym of *sulcinodoides* and its junior synonym *frigida*: Bolton, 1995b: 284.]

***williamsi****. Myrmica williamsi* Radchenko & Elmes, 1999a: 34, fig. 2 (5-8) (w.) INDIA. See also: Radchenko & Elmes, 2010: 325.

*winterae. Sifolinia winterae* Kutter, 1973c: 263, figs. 1, 2, 8, 9, 13-15 (q.m.) SWITZERLAND. Combination in *Myrmica*: Bolton, 1988a: 4. Junior synonym of *karavajevi*: Seifert, 1994: 15.

***wittmeri****. Myrmica wittmeri* Radchenko & Elmes, 1999a: 38, fig. 3 (11-14) (w.) PAKISTAN. See also: Radchenko & Elmes, 2010: 326.

***xavieri****.**Myrmica xavieri* Radchenko, Elmes & Savolainen, 2008: 51, figs. 1-3 (w.q.m.) SPAIN. See also: Radchenko & Elmes, 2010: 327.

***yamanei****. Myrmica yamanei* Radchenko & Elmes, 2001b: 223, figs. 8-12 (w.) VIETNAM. See also: Radchenko & Elmes, 2010: 328.

*yoshiokai. Myrmica rubra* subsp. *yoshiokai* Weber, 1947: 451 (w.) JAPAN. Raised to species: Collingwood, 1981: 26. Junior synonym of *ruginodis*: Radchenko & Elmes, 2010: 236.

***yunnanensis****. Myrmica yunnanensis* Radchenko & Elmes, 2009a: 82, figs. 56-60 (w.) CHINA. See also: Radchenko & Elmes, 2010: 329.

***zhengi****. Myrmica zhengi* Ma & Xu, 2011: 795, figs. 1-5 (w.m.) CHINA.

***zojae****. Myrmica zojae* Radchenko, 1994h: 210, figs. 13-22 (w.q.m.) RUSSIA. See also: Radchenko & Elmes, 2010: 330.