\****LEUCOTAPHUS***

\****cockerelli****. \*Leucotaphus cockerelli* Donisthorpe, 1920: 90, pl. 5, fig. 10 (m.) GREAT BRITAIN (Oligocene).

\****gurnetensis****. \*Leptothorax gurnetensis* Cockerell, 1915: 485, pl 65, figs. 4, 5 (wing) GREAT BRITAIN (Oligocene). Combination in \**Leucotaphus*: Donisthorpe, 1920: 89.

\****permancus****. \*Leucotaphus permancus* Cockerell, 1927: 165 (footnote) GREAT BRITAIN (Oligocene).

\****LIAOFORMICA***

\****longipetiolata****. \*Liaoformica longipetiolata* Hong, 2002: 583, figs. 485-497 (m.) CHINA (Eocene).

*LILIDRIS*: see under ***SOLENOPSIS***.

*LIMNOMYRMEX*: see under ***NESOMYRMEX***.

***LINEPITHEMA***

***anathema****. Linepithema anathema* Wild, 2007a: 27, figs. 33, 34, 106 (w.) BRAZIL.

***angulatum****. Iridomyrmex humilis* subsp. *angulatus* Emery, 1894c: 165, pl. 1, fig. 3 (w.q.) BOLIVIA. Wild, 2007a: 31 (m.). Combination in *Linepithema*: Shattuck, 1992a: 16. Raised to species and senior synonym of *pordescens*: Wild, 2007a: 29.

*arrogans. Iridomyrmex humilis* var. *arrogans* Chopard, 1921: 237 (footnote),:241, figs. 1-31 (w.q.m.l.) FRANCE. [Also described as new by Santschi, 1929d: 306 (in key).] Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *humile*: Bernard, 1967: 251. Revived from synonymy as subspecies of *humile*: Shattuck, 1992a: 16. Junior synonym of *humile*: Wild, 2004: 1207.

*aspidocoptus. Iridomyrmex aspidocoptus* Kempf, 1969: 295, figs. 10, 11 (w.) BRAZIL. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *leucomelas*: Wild, 2007a: 81.

***aztecoides****. Linepithema aztecoides* Wild, 2007a: 34, figs. 43, 44, 105, 110 (w.) PARAGUAY.

*bicolor. Iridomyrmex iniquus* var. *bicolor* Forel, 1912h: 47 (w.) MARTINIQUE I. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *iniquum*: Wild, 2007a: 68.

*breviscapa. Iridomyrmex humilis* st. *breviscapa* Santschi, 1929d: 306 (w.) ARGENTINA. [First available use of *Iridomyrmex humilis* r. *platensis* var. *breviscapa* Forel, 1914d: 286; unavailable name.] Santschi, 1916e: 390 (m.). Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *gallardoi*: Wild, 2007a: 55.

***cerradense****. Linepithema cerradense* Wild, 2007a: 37, figs. 27, 28, 66, 104 (w.q.m.) PARAGUAY.

***cryptobioticum****. Linepithema cryptobioticum* Wild, 2007a: 41, figs. 9, 10, 100 (w.) PARAGUAY.

***dispertitum****. Iridomyrmex dispertitus* Forel, 1885a: 351 (w.m.) GUATEMALA. Wild, 2007a: 44 (m.). Combination in *Linepithema*: Shattuck, 1992a: 16.

*dominicensis. Iridomyrmex melleus* var. *dominicensis* Wheeler, W.M. 1913d: 242 (w.) DOMINICAN REPUBLIC. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *iniquum*: Wild, 2007a: 68.

***flavescens****. Iridomyrmex keiteli* var. *flavescens* Wheeler, W.M. & Mann, 1914: 43 (w.) HAITI. Combination in *Linepithema*: Shattuck, 1992a: 16. Raised to species: Wild, 2007a: 49.

*fuscescens. Iridomyrmex melleus* var. *fuscescens* Wheeler, W.M. 1908a: 153 (w.) PUERTO RICO. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *iniquum*: Wild, 2007a: 68.

***fuscum****. Linepithema fuscum* Mayr, 1866a: 497, pl. fig. 7 (m.) PERU. Wild, 2007a: 51 (w.q.).

***gallardoi****. Dorymyrmex gallardoi* Brèthes, 1914a: 95 (w.) ARGENTINA. Santschi, 1929d: 306 (q.). Wild, 2007a: 57 (m.). Combination in *Iridomyrmex*: Gallardo, 1916a: 105; in *Linepithema*: Shattuck, 1992a: 16. Subspecies of *humile*: Gallardo, 1916a: 105; Santschi, 1929d: 306. Raised to species and senior synonym of *breviscapa, impotens*: Wild, 2007a: 55.

*gallardoi. Linepithema gallardoi* Kusnezov, 1969: 37 (m.) ARGENTINA. [Junior secondary homonym of *gallardoi* Brèthes, above.] Replacement name: *inacatum* Bolton, 1995b: 247.

***humile****. Hypoclinea humilis* Mayr, 1868b: 164 (w.) ARGENTINA. Forel, 1908c: 395 (m.); Newell, 1908: 28 (q.); Wheeler, G.C. & Wheeler, J. 1951: 186 (l.); Crozier, 1969: 250 (k.). Combination in *H. (Iridomyrmex*): Mayr, 1870b: 959; in *Iridomyrmex*: Emery, 1888d: 386; in *Linepithema*: Shattuck, 1992a: 16. Senior synonym of *arrogans*, *riograndensis*: Wild, 2004: 1207. See also: Gallardo, 1916a: 97; Bernard, 1967: 251; Collingwood, 1979: 33; Smith, D.R. 1979: 1418; Ward, 1987: 1; Wheeler, G.C. & Wheeler, J. 1990a: 465; Shattuck, 1994: 123; Wild, 2007a: 61; Solis, Fox, Rossi & Bueno, 2010: 19.

*impotens. Iridomyrmex impotens* Santschi, 1923d: 67 (w.) BRAZIL. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *gallardoi*: Wild, 2007a: 55.

***inacatum****. Linepithema inacatum* Bolton, 1995b: 247. Replacement name for *gallardoi* Kusnezov, 1969: 37. [Junior secondary homonym of *gallardoi* Brèthes, 1914a: 95.] *Incertae sedis* in *Linepithema*: Wild, 2007a: 18.

***iniquum****. Hypoclinea iniqua* Mayr, 1870a: 392, fig. 10 (w.) COLOMBIA. Forel, 1908c: 395 (m.). Combination in *Iridomyrmex*: Emery, 1890b: 56; in *Linepithema*: Shattuck, 1992a: 16. Senior synonym of *bicolor, dominicensis, fuscescens, melleus, nigellus, succineus* and material of the unavailable name *paranaensis* referred here: Wild, 2007a: 67.

***keiteli****. Iridomyrmex keiteli* Forel, 1907e: 8 (w.q.) HAITI. Wild, 2007a: 78 (m.). Combination in *Linepithema*: Shattuck, 1992a: 16. Senior synonym of *subfasciatus*: Wild, 2007a: 77.

***leucomelas****. Iridomyrmex leucomelas* Emery, 1894g: 378 (footnote) (w.q.) BRAZIL. Wild, 2007a: 83 (m.). Combination in *Linepithema*: Shattuck, 1992a: 16. Senior synonym of *aspidocoptus*: Wild, 2007a: 81.

*melleus. Iridomyrmex melleus* Wheeler, W.M. 1908a: 151, pl. 12, figs. 15, 16 (w.q.m.) PUERTO RICO. Wheeler, G.C. & Wheeler, J. 1974b: 397 (l.). Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *iniquum*: Wild, 2007a: 68.

***micans****. Iridomyrmex dispertitus* subsp. *micans* Forel, 1908c: 394 (w.m.) BRAZIL. Forel, 1911c: 306 (q.). Combination in *Linepithema*: Shattuck, 1992a: 16. Raised to species, senior synonym of *platensis, scotti* and material of the unavailable names *pertaesta, transiens* referred here: Wild, 2007a: 85.

***neotropicum****. Linepithema neotropicum* Wild, 2007a: 91, figs. 6, 29, 30, 65, 104 (w.q.m.) PARAGUAY.

*nigellus. Iridomyrmex iniquus* var. *nigellus* Emery, 1890b: 56 (w.) COSTA RICA. [Also described as new by Emery, 1894k: 61.] Combination in *Linepithema*: Shattuck, 1992a: 16. Subspecies of *dispertitum*: Forel, 1901c: 134; Forel, 1912h: 47; of *iniquum*: Creighton, 1950a: 342. Junior synonym of *iniquum*: Wild, 2007a: 67.

***oblongum****. Iridomyrmex humilis* var. *oblongus* Santschi, 1929d: 306 (w.) BRAZIL. Wild, 2007a: 98 (q.m.). Combination in *Linepithema*: Shattuck, 1992a: 16. Raised to species: Snelling & Hunt, 1976: 90.

*paranaensis. Iridomyrmex melleus* st. *succineus* var. *paranaensis* Santschi, 1929d: 305 (w.) BRAZIL. **Unavailable name** (Shattuck, 1994: 127); material referred to *iniquum* by Wild, 2007a: 68.

*pertaesta. Iridomyrmex humilis* st. *angulata* var. *pertaesta* Santschi, 1916e: 390 (w.m.) ARGENTINA. **Unavailable name** (Shattuck, 1994: 127); material referred to *micans* by Wild, 2007a: 86.

***piliferum****. Hypoclinea pilifera* Mayr, 1870a: 393 (w.q.) COLOMBIA. Crozier, 1970: 113 (k.). Wild, 2007a: 103 (m.). Combination in *Iridomyrmex*: Dalla Torre, 1893: 169; in *Linepithema*: Shattuck, 1992a: 16.

*platensis. Iridomyrmex humilis* r. *platensis* Forel, 1912h: 46 (w.q.m.) ARGENTINA. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *micans*: Wild, 2007a: 86.

*pordescens. Iridomyrmex pordescens* Wheeler, W.M. 1942: 214 (w.) COSTA RICA. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *angulatum*: Wild, 2007a: 29.

*praenotandum. Iridomyrmex humilis* var. *praenotandum* Schmitz, 1950: 14, PORTUGAL. *Nomen* *nudum*.

*pulex. Iridomyrmex humilis* st. *angulata* var. *pulex* Santschi, 1923d: 68 (w.) BRAZIL. **Unavailable name** (Shattuck, 1994: 127).

***pulex****. Linepithema pulex* Wild, 2007a: 105, figs. 45, 46, 69, 105 (w.q.m.) PARAGUAY.

*riograndensis. Iridomyrmex riograndensis* Borgmeier, 1928b: 64 (w.) BRAZIL. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *humile*: Wild, 2004: 1207.

*scotti. Iridomyrmex humilis* st. *scotti* Santschi, 1919f: 52 (w.) ARGENTINA. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *micans*: Wild, 2007a: 86.

*subfasciatus. Iridomyrmex keiteli* var. *subfasciatus* Wheeler, W.M. & Mann, 1914: 43 (w.) HAITI. Combination in *Linepithema*: Shattuck, 1992a: 16. Junior synonym of *keiteli*: Wild, 2007a: 77.

*succineus. Iridomyrmex melleus* subsp. *succineus* Forel, 1908c: 396 (w.) BRAZIL. Combination in *Linepithema*: Shattuck, 1992a: 16. Subspecies of *melleum*: Santschi, 1929d: 305; of *iniquum*: Forel, 1912h: 47; Kempf, 1972a: 125. Junior synonym of *iniquum*: Wild, 2007a: 68.

*transiens. Iridomyrmex humilis* r. *platensis* var. *transiens* Forel, 1913l: 242 (w.q.m.) ARGENTINA. **Unavailable name** (Shattuck, 1994: 127); material referred to *micans* by Wild, 2007a: 86.

***tsachila****. Linepithema tsachila* Wild, 2007a: 109, figs. 19, 20, 47, 51, 63, 64, 103 (w.q.m.) ECUADOR.

***LIOMETOPUM***

*aeneum* Mayr, 1862; see under ***IRIDOMYRMEX***.

\****antiquum****. \*Liometopum antiquum* Mayr, 1867b: 60, pl. fig. 10 (q.) YUGOSLAVIA (Miocene).

***apiculatum****. Liometopum apiculatum* Mayr, 1870b: 961 (w.) MEXICO. Emery, 1895c: 331 (q.); Wheeler, W.M. 1905e: 324 (m.); Wheeler, G.C. & Wheeler, J. 1951: 181 (l.). Senior synonym of *masonium*: Del Toro, *et al*. 2009: 316. See also: Shattuck, 1994: 128.

*austriaca. Formica austriaca* Mayr, 1853a: 144 (w.) AUSTRIA. Junior synonym of *microcephalum*: Mayr, 1861: 39.

\****bogdassarovi****. \*Iridomyrmex bogdassarovi* Nazaraw, in Nazaraw, Bagdasaraw & Uriew, 1994: 106, fig. 2 (w.) BELARUS [in amber]. Combination in *Liometopum*: Heterick & Shattuck, 2011: 171.

*brevicorne* Mayr, 1878; see under ***AZTECA***.

*dentimandibulum. Liometopum dentimandibulum* Chang & He, 2002e: 110, figs. 1-5 (w.) CHINA. Junior synonym of *sinense*: Del Toro, *et al*. 2009: 338.

\****eremicum****. \*Liometopum eremicum* Zhang, 1989: 281, fig. 282 (m.) CHINA (Miocene).

\**goepperti* Mayr, 1868; see under ***CTENOBETHYLUS***.

\****imhoffii****. \*Formica imhoffii* Heer, 1849: 138, pl. 10, fig. 10 (m.) CROATIA (Miocene). [Also described as new by Heer, 1850: 138.] Combination in \**Poneropsis*: Heer, 1867: 24; in *Liometopum*: Mayr, 1867b: 55. Senior synonym of \**schmidtii*: Mayr, 1867b: 56. Included by Taylor, 1964: 138 as FORMICIDAE, *incertae generis*. Combination in *Liometopum*: Shattuck, 1994: 129.

\**jiaoyanshanense* Hong, 1985; see under ***DOLICHODERUS***.

***lindgreeni****. Liometopum lindgreeni* Forel, 1902d: 293 (w.) INDIA. See also: Del Toro, *et al*. 2009: 317.

\****lubricum****. \*Liometopum lubricum* Zhang, Sun & Zhang, 1994: 165, fig. 145 (q.) CHINA (Miocene).

***luctuosum****. Liometopum apiculatum* subsp. *luctuosum* Wheeler, W.M. 1905e: 325 (w.) U.S.A. Forel, 1914c: 619 (m.); Del Toro, *et al*. 2009: 321 (q.). Subspecies of *occidentale*: Creighton, 1950a: 339. Raised to species: Wheeler, G.C. & Wheeler, J. 1986g: 55; Mackay, Lowrie, *et al*. 1988: 102.

*masonia. Formica masonia* Buckley, 1866: 165 (w.) U.S.A. Combination possibly in *Liometopum*: Wheeler, W.M. 1902f: 23. **Unidentifiable taxon**; *incertae sedis* in Dolichoderinae: Smith, D.R. 1979: 1422; Shattuck, 1994: 171. *Incertae sedis* in *Liometopum*: Bolton, 1995b: 247. *Nomen oblitum*, synonym of *apiculatum*: Del Toro, *et al*. 2009: 316.

***microcephalum****. Formica microcephala* Panzer, 1798: no. 1652 (m.) AUSTRIA. Mayr, 1861: 39 (w.q.). Combination in *Liometopum*: Mayr, 1861: 39. Senior synonym of *austriaca*: Mayr, 1861: 39. See also: Baroni Urbani, 1971c: 158; Atanassov & Dlussky, 1992: 189; Shattuck, 1994: 129; Del Toro, *et al*. 2009: 325.

*minimum* Zhou, 2001; see under ***CHRONOXENUS***.

\****miocenicum****. \*Liometopum miocenicum* Carpenter, 1930: 46, pl. 3, fig. 6; pl. 8, fig. 3; pl. 9, fig. 8; pl. 10, fig. 8; pl. 11, fig. 7 (w.q.m.) U.S.A. (Oligocene).

***occidentale****. Liometopum microcephalum* var. *occidentale* Emery, 1895c: 330 (w.m.) U.S.A. Wheeler, W.M. 1917a: 522 (q.). Subspecies of *apiculatum*: Wheeler, W.M. 1905e: 324. Raised to species: Wheeler, W.M. 1917a: 521. See also: Del Toro, *et al*. 2009: 330.

\****oligocenicum****. \*Liometopum oligocenicum* Wheeler, W.M. 1915h: 95, fig. 46 (w.) BALTIC AMBER (Eocene).

***orientale****. Liometopum microcephalum* var. *orientalis* Karavaiev, 1927d: 339 (w.) RUSSIA. Kupyanskaya, 1988: 31 (q.m.). Raised to species: Kupyanskaya, 1988: 29. See also: Kupyanskaya, 1990: 157; Del Toro, *et al*. 2009: 337.

\**pingue* Scudder, 1877; see under \****EOFORMICA***.

\****potamophilum****. \*Liometopum potamophilum* Zhang, 1989: 280, fig. 281 (m.) CHINA (Miocene).

\**schmidtii. \*Formica schmidtii* Heer, 1849: 138, pl. 11, fig. 5 (m.) CROATIA (Miocene). [Also described as new by Heer, 1850: 138.] Combination in \**Poneropsis*: Heer, 1867: 24. Junior synonym of \**imhoffii*: Mayr, 1867b: 56.

\****scudderi****. \*Liometopum scudderi* Carpenter, 1930: 47, pl. 4, fig. 4; pl. 9, fig. 4 (w.q.) U.S.A. (Oligocene).

*sericatum. Liometopum sinense* var. *sericatum* Wheeler, W.M. 1921c: 541 (w.) CHINA. Junior synonym of *sinense*: Del Toro, *et al*. 2009: 338.

***sinense****. Liometopum sinense* Wheeler, W.M. 1921c: 540 (w.) CHINA. Senior synonym of *dentimandibulum, sericatum*: Del Toro, *et al*. 2009: 338.

*xanthochroum* Roger, 1863; see under ***AZTECA***.

***LIOMYRMEX***

*aurianus. Liomyrmex aurianus* Emery, 1889b: 504 (w.) MYANMAR. Wheeler, G.C. & Wheeler, J. 1955c: 128 (l.). Senior synonym of *butteli*: Forel, 1913k: 26. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245. See also: Wheeler, W.M. 1914c: 75.

*butteli. Promyrma butteli* Forel, 1912m: 764 (q.) WEST MALAYSIA. Junior synonym of *aurianus*: Forel, 1913k: 26.

*caeca. Myrmica caeca* Smith, F. 1860b: 108 (w.) NEW GUINEA. Combination in *Liomyrmex*: Mayr, 1865: 23 (footnote). [Junior primary homonym of *Myrmica caeca* Jerdon, 1851: 116.] Replacement name: *gestroi* Emery, 1887b: 461; earliest junior synonym of *caeca* (Bolton, 1995b: 248) and hence first available replacement name.

*carinatus. Liomyrmex carinata* Stitz, 1911a: 366, figs. 13, 14 (q.) NEW GUINEA. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

*dispar* Forel, 1895; see under ***MACHOMYRMA***.

*froggatti. Liomyrmex froggatti* Donisthorpe, 1940a: 40, figs. 1-3 (q.m.) NEW GUINEA. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

***gestroi****. Laparomyrmex gestroi* Emery, 1887b: 461, pl. 2, fig. 16 (q.) NEW GUINEA. Combination in *Liomyrmex*: Dalla Torre, 1893: 63. Junior synonym of *caeca*: Bolton, 1995b: 248 (type and other material compared), hence first available replacement name for *Myrmica caeca* Smith, F. 1860b: 108. [Junior primary homonym of *Myrmica caeca* Jerdon, 1851: 116.] Senior synonym of *aurianus* (and its junior synonym *butteli*), *carinata, froggatti, major, reneae, tagalanus, taylori*: Rigato & Bolton, 2001: 254.

*major. Liomyrmex froggatti* subsp. *major* Donisthorpe, 1941j: 204 (q.) PHILIPPINES. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

*reneae. Liomyrmex reneae* Donisthorpe, 1948a: 293, fig. 1 (w.) NEW GUINEA. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

*tagalanus. Liomyrmex tagalanus* Menozzi, 1925c: 445, fig. 5 (q.) PHILIPPINES. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

*taylori. Liomyrmex taylori* Tiwari & Jonathan, 1986a: 88, fig. 1 (w.) ANDAMAN IS. Junior synonym of *gestroi*: Rigato & Bolton, 2001: 245.

*LIOPONERA*: see under ***CERAPACHYS***.

*LITHOMYRMEX* Clark: see under ***STIGMATOMMA***.

\**LITHOMYRMEX* Carpenter: see under \****EULITHOMYRMEX***.

*LOBOGNATHUS*: see under ***MESSOR***.

*LOBOMYRMEX*: see under ***TETRAMORIUM***.

*LOBOPELTA*: see under ***LEPTOGENYS***.

***LOBOPONERA***

***basalis****. Loboponera basalis* Bolton & Brown, 2002: 6, figs. 1, 9, 10 (w.q.) IVORY COAST.

***edentula****. Loboponera edentula* Bolton & Brown, 2002: 6 (w.) RWANDA.

***nasica****. Pachycondyla (Bothroponera) nasica* Santschi, 1920b: 6 (w.) GABON. Combination in *Loboponera*: Bolton & Brown, 2002: 7.

***nobiliae****. Loboponera nobiliae* Fisher, 2006: 113, figs. 5 - 8 (w.) GABON.

***obeliscata****. Loboponera obeliscata* Bolton & Brown, 2002: 5, figs. 3, 4 (w.) GHANA.

***politula****. Loboponera politula* Bolton & Brown, 2002: 5, figs. 2, 5 (w.) NIGERIA.

***subatra****. Loboponera subatra* Bolton & Brown, 2002: 7 (w.) CAMEROUN.

***trica****. Loboponera trica* Bolton & Brown, 2002: 6, fig. 6 (w.) IVORY COAST.

***vigilans****. Loboponera vigilans* Bolton & Brown, 2002: 7, fig. 7 (w.q.) IVORY COAST.

\****LONCHOMYRMEX***

\****freyeri****. \*Formica freyeri* Heer, 1867: 10, pl. 1, fig. 9 (q.) CROATIA (Miocene). Combination in *Lonchomyrmex*: Mayr, 1867b: 61.

\****nigritus****. \*Lonchomyrmex nigritus* Assmann, 1870: 39, pl. 1, fig. 2 (wing) GERMANY (Miocene).

*LONCYDA*: see under ***CARDIOCONDYLA***.

\****LONGICAPITIA***

\****reticulata****. \*Longicapitia reticulata* Hong, 2002: 535, figs.323-330 (w.) CHINA (Eocene).

\****LONGIFORMICA***

\****dongzhouheensis****. \*Longiformica dongzhouheensis* Hong, 2002: 604, figs.547-555 (w.) CHINA (Eocene).

\****guchengziensis****. \*Longiformica guchengziensis* Hong, 2002: 606, figs. 556-564 (w.) CHINA (Eocene).

***LOPHOMYRMEX***

***ambiguus****. Lophomyrmex ambiguus* Rigato, 1994a: 52, figs. 14, 15 (w.) INDIA.

***bedoti****. Lophomyrmex bedoti* Emery, 1893e: 192, pl. 8, fig. 17 (w.q.) INDONESIA (Sumatra). Rigato, 1994a: 54 (m.); Imai, Baroni Urbani, *et al*. 1984: 7 (k.). See also: Bingham, 1903: 196; Moffett, 1986a: 207; Rigato, 1994a: 54.

***birmanus****. Lophomyrmex birmanus* Emery, 1893e: 192 (diagnosis in key) (w.) MYANMAR. See also: Emery, 1895k: 466; Bingham, 1903: 196; Rigato, 1994a: 58.

***changlangensis****. Lophomyrmex changlangensis* Sheela & Ghosh, 2008: 18, figs. 1-3 (w.) INDIA.

*javana. Lophomyrmex quadrispinosus* var. *javana* Karavaiev, 1933c: 270 (w.) INDONESIA (Java). Junior synonym of *opaciceps*: Rigato, 1994a: 58.

***kali****. Lophomyrmex kali* Rigato, 1994a: 58, figs. 26-28 (w.) INDIA.

***longicornis****. Lophomyrmex longicornis* Rigato, 1994a: 55, figs. 11, 12 (w.) BORNEO.

***lucidus****. Lophomyrmex bedoti* var. *lucida* Menozzi, 1930d: 328 (w.) WEST MALAYSIA. Rigato, 1994a: 56 (q.m.). Raised to species: Rigato, 1994a: 55.

***opaciceps****. Lophomyrmex quadrispinosus* var. *opaciceps* Viehmeyer, 1922: 211 (w.) INDONESIA (Java). Raised to species and senior synonym of *javana*: Rigato, 1994a: 58.

***quadrispinosus****. Oecodoma quadrispinosa* Jerdon, 1851: 111 (w.) INDIA. Rigato, 1994a: 59 (q.m.); Wheeler, G.C. & Wheeler, J. 1954a: 131 (l.). Combination in *Pheidole*: Smith, F. 1858b: 174; in *Lophomyrmex*: Emery, 1892a: 114. Senior synonym of *taprobanae*: Rigato, 1994a: 59. See also: Bingham, 1903: 195.

***striatulus****. Lophomyrmex striatulus* Rigato, 1994a: 56, figs. 16, 17 (w.) THAILAND.

***taivanae****. Lophomyrmex quadrispinosus* r. *taivanae* Forel, 1912a: 55 (w.) TAIWAN. Raised to species: Ettershank, 1966: 134; Rigato, 1994a: 60.

*taprobanae. Lophomyrmex quadrispinosus* var. *taprobanae* Forel, 1911i: 223 (w.q.m.) SRI LANKA. Raised to species: Ettershank, 1966: 134. Junior synonym of *quadrispinosus*: Rigato, 1994a: 59.

***terraceensis****. Lophomyrmex terraceensis* Bharti & Kumar, 2012a: 266, fig. 1 (w.) INDIA.

***LORDOMYRMA***

***accuminata****. Lordomyrma cryptocera* var. *accuminata* Stitz, 1912: 504 (w.) NEW GUINEA. See also: Wheeler, W.M. 1919f: 102. Raised to species: Taylor, 2009: 17.

***azumai****. Rogeria (Rogeria) azumai* Santschi, 1941: 275, fig. 3 (w.) JAPAN. Combination in *Lordomyrma*: Brown, 1952c: 124. Senior synonym of *nobilis*: Brown, 1952c: 124. See also: Taylor, 2012: 48.

*bensoni. Lordomyrma bensoni* Donisthorpe, 1949d: 94, figs. 1, 2 (w.) NEW GUINEA. Junior synonym of *furcifera*: Taylor, 2009: 17.

***bhutanensis****. Stenamma bhutanense* Baroni Urbani, 1977b: 420, figs. 2, 4 (w.) BHUTAN. Combination in *Lordomyrma*: Branstetter, 2009: 48. See also: DuBois, 1998b: 304.

***caledonica****. Podomyrma caledonica* André, 1889: 225 (w.) NEW CALEDONIA. Combination in *Lordomyrma*: Emery, 1897c: 591. See also: Wheeler, W.M. 1919f: 99.

***crawleyi****. Lordomyrma crawleyi* Menozzi, 1923b: 209, fig. 1 (w.) NEW GUINEA.

***cryptocera****. Lordomyrma cryptocera* Emery, 1897c: 592, pl. 15, fig. 34 (w.) NEW GUINEA. See also: Wheeler, W.M. 1919f: 101.

***curvata.*** *Lordomyrma curvata* Sarnat, 2006: 15, figs. 2, 3 (w.) FIJI IS.

***desupra.*** *Lordomyrma desupra* Sarnat, 2006: 17, figs. 4, 5 (w.) FIJI IS.

***diwata****. Lordomyrma diwata* Taylor, 2012: 54, figs. 21-24 (w.) PHILIPPINES (Luzon).

***emarginata****. Lordomyrma emarginata* Taylor, 2012: 55, figs. 25-28 (w.) PHILIPPINES (Luzon).

***epinotalis****. Rogeria epinotalis* Mann, 1919: 343 (w.q.) SOLOMON IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26.

***furcifera****. Lordomyrma furcifera* Emery, 1897c: 591, pl. 15, figs. 32, 33 (w.) NEW GUINEA. Senior synonym of *bensoni*: Taylor, 2009: 17. See also: Wheeler, W.M. 1919f: 100.

***hmong****. Lordomyrma hmong* Taylor, 2012: 52, figs. 13-20 (w.q.) VIETNAM.

***idianale****. Lordomyrma idianale* Taylor, 2012: 56, figs. 29-32 (w.) PHILIPPINES (Luzon).

***infundibuli****. Lordomyrma infundibuli* Donisthorpe, 1940b: 45, figs. (w.q.) NEW GUINEA.

***lakshmi****. Lordomyrma lakshmi* Taylor, 2012: 51, figs. 9-12 (w.) INDIA.

***leae****. Lordomyrma leae* Wheeler, W.M. 1919f: 102, fig. 3 (w.m.) AUSTRALIA.

***levifrons****. Rogeria (Irogera) tortuosa* subsp. *levifrons* Mann, 1921: 453 (w.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. Raised to species: Sarnat, 2006: 20.

***limatula****. Lordomyrma limatula* Taylor, 2012: 57, figs. 33-40 (w.q.) PHILIPPINES (Leyte).

*longiseta. Lordomyrma longiseta* Sarnat, 2006: 37. *Nomen nudum* (in table).

***nigra****. Lordomyrma niger* Donisthorpe, 1941a: 36 (w.) NEW GUINEA.

*nobilis. Lordomyrma nobilis* Yasumatsu, 1950: 75, fig. 2 (w.m.) JAPAN. Junior synonym of *azumai*: Brown, 1952c: 124.

***polita****. Rogeria (Irogera) tortuosa* subsp. *polita* Mann, 1921: 453 (w.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. Raised to species: Sarnat, 2006: 21.

***punctiventris****. Lordomyrma punctiventris* Wheeler, W.M. 1919f: 105, fig. 4 (w.) AUSTRALIA.

***reticulata.*** *Lordomyrma reticulata* Lucky & Sarnat, 2008: 39, figs. 1-3 (w.) BORNEO.

***rouxi****. Promeranoplus rouxi* Emery, 1914f: 413, pl. 13, fig. 8 (w.) NEW CALEDONIA. Combination in *Lordomyrma*: Bolton, 1995b: 248.

***rugosa****. Rogeria (Irogera) rugosa* Mann, 1921: 455, fig. 20 (w.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. See also: Sarnat, 2006: 23.

*rugosa* Clark, 1934: see under ***PODOMYRMA***.

***sarasini****. Prodicroaspis sarasini* Emery, 1914f: 414, pl. 13, fig. 9 (w.) NEW CALEDONIA. Combination in *Lordomyrma*: Bolton, 1995b: 248.

***sinensis****. Stenamma sinensis* Ma, Xu, Makio & DuBois, 2007: 372, figs. 1-4 (w.) CHINA. Combination in *Lordomyrma*: Branstetter, 2009: 49.

***stoneri****. Rogeria (Irogera) tortuosa* subsp. *stoneri* Mann, 1925b: 5 (w.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. Raised to species: Sarnat, 2006: 25.

***striatella****. Rogeria (Irogera) striatella* Mann, 1921: 454, fig. 19 (w.m.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. See also: Sarnat, 2006: 27.

***sukuna.*** *Lordomyrma sukuna* Sarnat, 2006: 29, figs. 16, 17 (w.) FIJI IS.

***taylori****. Lordomyrma taylori* Bharti & Ali, 2013: 150, figs. 1-3 (w.) INDIA.

***tortuosa****. Rogeria (Irogera) tortuosa* Mann, 1921: 452, fig. 18 (w.) FIJI IS. Combination in *Lordomyrma*: Kugler, C. 1994: 26. See also: Sarnat, 2006: 33.

***vanua****. Lordomyrma vanua* Lucky & Sarnat, 2008: 42, figs. 1, 4, 5 (w.) FIJI IS.

***vuda****. Lordomyrma vuda* Sarnat, 2006: 34, figs. 20, 21 (w.) FIJI IS.

***LOWERIELLA***

***boltoni****. Loweriella boltoni* Shattuck, 1992c: 129, figs. 118-120 (w.) BORNEO.

*LUNDELLA*: see under ***HYLOMYRMA***.

\****MACABEEMYRMA***

\****ovata****. \*Macabeemyrma ovata* Archibald, Cover & Moreau, 2006: 499, figs. 11, 17D (q.) CANADA (Eocene).

*MACHAEROGENYS*: see under ***LEPTOGENYS***.

*MACHAEROMYRMA*: see under ***CATAGLYPHIS***.

***MACHOMYRMA***

***dispar****. Liomyrmex (Machomyrma) dispar* Forel, 1895f: 425 (s.w.q.) AUSTRALIA. Forel, 1913k: 27 (footnote) (q.). Combination in *Machomyrma*: Forel, 1913k: 27.

*silvestrii* Emery, 1914; see under ***ADLERZIA***.

*MACROMISCHA*: see under ***TEMNOTHORAX***.

*MACROMISCHOIDES* : see under ***TETRAMORIUM***.

*MACROPHEIDOLE*: see under ***PHEIDOLE***.

\****MAGNOGASTERITES***

\****curticornutus***. \**Magnogasterites curticornutus* Hong, 2002: 594, figs. 513-518 (w.) CHINA (Eocene).

*MALACOMYRMA*: see under ***ACROPYGA***.

***MANICA***

*aldrichi. Myrmica (Oreomyrma) aldrichi* Wheeler, W.M. 1914d: 120, fig. 1 (w.) U.S.A. Combination in *Myrmica (Neomyrma*): Wheeler, W.M. 1917a: 507; in *M. (Manica*): Emery, 1921f: 42; in *Manica*: Weber, 1947: 440; Creighton, 1950a: 108. Junior synonym of *hunteri*: Cole, 1956g: 262.

***bradleyi****. Myrmica bradleyi* Wheeler, W.M. 1909e: 77 (w.) U.S.A. Cole, 1957c: 210 (q.m.); Wheeler, G.C. & Wheeler, J. 1960b: 6 (l.). Combination in *Myrmica (Oreomyrma*): Wheeler, W.M. 1914d: 120; in *M. (Neomyrma*): Emery, 1915d: 69 (footnote); in *M. (Manica*): Emery, 1921f: 43; in *Manica*: Weber, 1947: 440; Creighton, 1950a: 108. Senior synonym of *calderoni*: Wheeler, W.M. 1915a: 50.

*calderoni. Aphaenogaster (Neomyrma) calderoni* Forel, 1914a: 275 (w.) U.S.A. Combination in *Myrmica (Neomyrma*): Emery, 1915d: 69 (footnote). Junior synonym of *bradleyi*: Wheeler, W.M. 1915a: 50.

***hunteri****. Myrmica (Oreomyrma) hunteri* Wheeler, W.M. 1914d: 121, fig. 1 (w.) U.S.A. Cole, 1957c: 212 (m.); Wheeler, G.C. & Wheeler, J. 1972b: 235 (l.). Combination in *Myrmica (Neomyrma)*: Wheeler, W.M. 1917a: 507; in *M. (Manica*): Emery, 1921f: 43; in *Manica*: Weber, 1947: 440; Creighton, 1950a: 109. Senior synonym of *aldrichi*: Cole, 1956g: 262.

***invidia****. Manica invidia* Bolton, 1995b: 249. Replacement name for *Myrmica mutica* Emery, 1895c: 311. [Junior primary homonym of *Myrmica mutica* Nylander, 1849: 39 (now in *Messor*).] For previous history of name see under *mutica*, below.

*leonina. Myrmica leonina* Losana, 1834: 332, pl. 36, fig. 7 (w.) ITALY. Junior synonym of *rubida*: Roger, 1859: 252.

*montana. Myrmica montana* Labram & Imhoff, 1838, pl. 36, figs. 1-3 (w.q.m.) SWITZERLAND. Mayr, 1853b: 110 (w.q.m.). Junior synonym of *rubida*: Mayr, 1855: 400.

*mutica. Myrmica mutica* Emery, 1895c: 311 (w.) U.S.A. [Junior primary homonym of *Myrmica mutica* Nylander, 1849: 39 (now in *Messor*).] Replacement name: *Manica invidia*: Bolton, 1995b: 249. Wheeler, W.M. 1914d: 120 (q.m.); Wheeler, G.C. & Wheeler, J. 1960b: 5 (l.). Combination in *Myrmica (Oreomyrma*): Wheeler, W.M. 1914d: 119; in *M. (Neomyrma*): Emery, 1915d: 69 (footnote); in *M. (Manica*): Emery, 1921f: 43; in *Manica*: Wheeler, G.C. & Wheeler, E.W. 1944: 244. See also: Creighton, 1950a: 109; Wheeler, G.C. & Wheeler, J. 1972b: 235.

***parasitica****. Myrmica (Manica) parasitica* Creighton, 1934: 185 (w.) U.S.A. Combination in *Manica*: Weber, 1947: 440.

***rubida****. Formica rubida* Latreille, 1802c: 267, pl. 10, fig. 65 (q.) FRANCE. Mayr, 1855: 400 (w.m.); Hauschteck, 1965: 325 (k.); Wheeler, G.C. & Wheeler, J. 1972b: 236 (l.). Combination in *Manica*: Jurine, 1807: 279; in *Myrmica (Oreomyrma*): Wheeler, W.M. 1914d: 118; in *Myrmica (Neomyrma*): Emery, 1915d: 69 (footnote); in *Neomyrma*: Bondroit, 1918: 97; in *Myrmica (Manica*): Emery, 1921f: 43; in *Manica*: Weber, 1947: 440. Senior synonym of *montana*: Mayr, 1855: 400; of *leonina*: Roger, 1859: 252. See also: Ruzsky, 1902d: 29; Stitz, 1914: 70; Emery, 1916b: 121; Finzi, 1926: 81; Stitz, 1939: 68; Bernard, 1967: 125; Kutter, 1977c: 40; Arnol'di & Dlussky, 1978: 535 (in key); Atanassov & Dlussky, 1992: 77.

***yessensis****. Manica yessensis* Azuma, 1955: 80 (footnote) (w.) JAPAN.

*MANNIELLA*: see under ***CAMPONOTUS***.

*MARTIA*: see under ***OXYEPOECUS***.

***MARTIALIS***

***heureka****. Martialis heureka* Rabeling & Verhaagh, in Rabeling, Brown & Verhaagh, 2008: 14914, figs. 1, 2 (w.) BRAZIL. See also: Brandão, *et al*. 2010: 413; Kück, *et al*. 2011: 1.

*MAYRIA*: see under ***CAMPONOTUS***.

***MAYRIELLA***

***abstinens****. Mayriella abstinens* Forel, 1902h: 452 (w.) AUSTRALIA. Imai, Crozier & Taylor, 1977: 349 (k.). Senior synonym of *hackeri, venustula*: Shattuck & Barnett, 2007: 441.

***ebbei****. Mayriella ebbei* Shattuck & Barnett, 2007:444, figs. 6-9 (w.q.) AUSTRALIA.

***granulata****. Mayriella granulata* Dlussky & Radchenko, 1990: 123, figs. 1-3 (w.) VIETNAM. See also: Shattuck & Barnett, 2007: 445.

*hackeri. Mayriella abstinens* subsp. *hackeri* Wheeler, W.M. 1935e: 157, fig. 1 (w.q.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1973a: 36 (l.). Raised to species: Taylor, 1991b: 602. Junior synonym of *abstinens*: Shattuck & Barnett, 2007: 441.

***occidua****. Mayriella occidua* Shattuck, 2007: 50, figs. 5-8 (w.) AUSTRALIA.

***overbecki****. Mayriella overbecki* Viehmeyer, 1925a: 26 (w.q.) AUSTRALIA. Junior synonym of *abstinens*: Wheeler, W.M. 1935e: 151 (footnote). Revived from synonymy: Shattuck & Barnett, 2007: 446.

***sharpi.*** *Mayriella sharpi* Shattuck & Barnett, 2007: 447, figs. 17-19 (w.) PAPUA NEW GUINEA.

***spinosior****. Mayriella spinosior* Wheeler, W.M. 1935e: 159, fig. 1 (w.) AUSTRALIA. See also: Shattuck & Barnett, 2007: 448.

***transfuga****. Mayriella transfuga* Baroni Urbani, 1977a: 411, figs. 1, 2 (w.) NEPAL. See also: Shattuck & Barnett, 2007: 449.

*venustula. Mayriella abstinens* subsp. *venustula* Wheeler, W.M. 1935e: 158 (w.) AUSTRALIA. Raised to species: Taylor, 1991b: 602. Junior synonym of *abstinens*: Shattuck & Barnett, 2007: 441.

***warchalowskii****. Mayriella warchalowskii* Borowiec, 2007b: 774, figs. 1-3 (w.) INDIA.

*MAYROMYRMEX*: see under ***ECITON***.

***MEGALOMYRMEX***

***acauna****. Megalomyrmex acauna* Brandão, 1990: 429, figs. 39, 56 (w.) BRAZIL. Brandão, 2003: 151 (m.).

***adamsae****. Megalomyrmex adamsae* Longino, 2010: 41, figs. 3B, 3D, 7A–H (w.q.m.) PANAMA.

***ayri****. Megalomyrmex ayri* Brandão, 1990: 420, figs. 1, 12, 26, 36 (w.q.) BRAZIL.

***balzani****. Megalomyrmex balzani* Emery, 1894c: 153 (w.) BOLIVIA. Viehmeyer, 1922: 209 (m.). Senior synonym of *duckei*: Brandão, 1990: 431. See also: Wheeler, W.M. 1925a: 29.

*bicolor* Ettershank, 1965; see under ***NOTHIDRIS***.

***bidentatus****. Megalomyrmex bidentatus* Fernández & Baena, 1997: 112, fig. 3 (w.) COLOMBIA.

***bituberculatus****. Formica bituberculata* Fabricius, 1798: 280 (w.) SURINAM. Combination in *Megalomyrmex*: Emery, 1890b: 47. **Unidentifiable taxon**, *incertae sedis* in *Megalomyrmex*: Brandão, 1990: 413.

*brasiliensis. Megalomyrmex (Wheelerimyrmex) brasiliensis* Borgmeier, 1930: 34, pl. 5, figs. 33, 35 (w.) BRAZIL. Junior synonym of *silvestrii*: Kempf & Brown, 1968: 97.

***caete****. Megalomyrmex caete* Brandão, 1990: 422, figs. 2, 9, 27 (w.q.) ECUADOR.

***cuatiara****. Megalomyrmex cuatiara* Brandão, 1990: 440, figs. 93, 94, 103 (w.q.) COLOMBIA.

***cupecuara****. Megalomyrmex cupecuara* Brandão, 1990: 423, figs. 3, 11, 21-23 (w.m.) COLOMBIA.

***cyendyra****. Megalomyrmex cyendyra* Brandão, 1990: 433, figs. 44, 54 (w.) COLOMBIA.

***drifti****. Megalomyrmex drifti* Kempf, 1961b: 504, figs. 9-11 (w.q.) SURINAM. Brandão, 1990: 448 (m.). See also: Kempf, 1970b: 362.

*duckei. Megalomyrmex duckei* Forel, 1912g: 13 (w.) BRAZIL. Junior synonym of *balzani*: Brandão, 1990: 431.

***emeryi****. Megalomyrmex emeryi* Forel, 1904d: 174 (w.) SURINAM. Brandão, 1990: 434 (m.).

***foreli****. Megalomyrmex foreli* Emery, 1890b: 46, pl. 5, fig. 3 (w.) COSTA RICA. [Also described as new by Emery, 1894k: 53.] Forel, 1899c: 58 (m.). Senior synonym of *latreillei*: Brandão, 2003: 152. See also: Brandão, 1990: 434.

***glaesarius****. Megalomyrmex glaesarius* Kempf, 1970b: 355, figs. 1, 2 (w.) Vieira, J.M. 2005: 82 (m.). PERU. See also: Brandão, 1990: 435.

***gnomus****. Megalomyrmex gnomus* Kempf, 1970b: 359, figs. 5-8 (w.) BRAZIL. See also: Brandão, 1990: 451.

***goeldii****. Megalomyrmex goeldii* Forel, 1912g: 14 (w.) BRAZIL. Wheeler, W.M. 1925a: 29 (m.); Borgmeier, 1930: 34 (q.). See also: Brandão, 1990: 423.

*humilis* Borgmeier, 1930; see under ***PHEIDOLE***.

***iheringi****. Megalomyrmex iheringi* Forel, 1911c: 304 (w.) BRAZIL. Borgmeier, 1930: 33 (q.). See also: Brandão, 1990: 424.

***incisus****. Megalomyrmex (Wheelerimyrmex) incisus* Smith, M.R. 1947e: 102 (w.) PANAMA. Brandão, 1990: 451 (m.); Brandão, 2003: 157 (q.).

*langi. Megalomyrmex (Wheelerimyrmex) sjosted*ti var. *langi* Wheeler, W.M. 1925a: 31 (w.m.) GUYANA. Junior synonym of *silvestrii*: Kempf & Brown, 1968: 97.

*latreillei. Megalomyrmex latreillei* Emery, 1890b: 47 (footnote), pl. 5, fig. 4 (w.) (diagnosis in key) PERU. Brandão, 1990: 436 (m.). Junior synonym of *foreli*: Brandão, 2003: 152.

***leoninus****. Megalomyrmex leoninus* Forel, 1885a: 372 (w.) COLOMBIA. See also: Brandão, 1990: 436.

***miri****. Megalomyrmex miri* Brandão, 1990: 452, figs. 117, 118 (w.) COSTA RICA.

*misionensis. Megalomyrmex (Wheelerimyrmex) brasiliensis* var. *misionensis* Santschi, 1936d: 405 (w.) ARGENTINA. Junior synonym of *silvestrii*: Kempf & Brown, 1968: 97.

***modestus****. Megalomyrmex modestus* Emery, 1896g: 94 (w.) COSTA RICA. Brandão, 1990: 426 (q.m.).

***mondabora****. Megalomyrmex mondabora* Brandão, 1990: 442, fig. 95, 96 (w.) COSTA RICA. Longino, 2010: 47 (q.).

***mondaboroides****. Megalomyrmex mondaboroides* Longino, 2010: 49, figs. 1E, 5B, 5D, 6B, 9A–H (w.q.m.) PANAMA.

***myops****. Megalomyrmex (Wheelerimyrmex) myops* Santschi, 1925d: 237 (w.) BRAZIL. See also: Brandão, 1990: 452.

*nasutus. Megalomyrmex leoninus* r. *nasutus* Forel, 1912g: 13 (w.) BRAZIL. Junior synonym of *staudingeri*: Brandão, 1990: 438.

***nocarina****. Megalomyrmex nocarina* Longino, 2010: 51, figs. 5A, 5C, 10A, 10B (w.) COSTA RICA.

***pacova****. Megalomyrmex pacova* Brandão, 1990: 437, figs. 46, 55 (w.) U.S.A. [Intercepted in quarantine, from Neotropics.]

***piriana****. Megalomyrmex piriana* Brandão, 1990: 443, figs. 97, 98 (w.) ECUADOR.

***poatan****. Megalomyrmex poatan* Brandão, 1990: 443, figs. 99, 100 (w.) COLOMBIA. Brandão, 2003: 154 (q.).

***pusillus****. Megalomyrmex pusillus* Forel, 1912g: 15 (w.) BRAZIL. Brandão, 1990: 453 (q.).

***reina****. Megalomyrmex reina* Longino, 2010: 53, figs. 11A–D (q.) COSTA RICA.

***silvestrii****. Megalomyrmex silvestrii* Wheeler, W.M. 1909b: 235 (w.) MEXICO. Combination *in M. (Wheelerimyrmex*): Mann, 1922: 29. Senior synonym of *brasiliensis, langi, misionensis, sjostedti, wheeleri*: Kempf & Brown, 1968: 97. See also: Brandão, 1990: 443.

*sjostedti. Megalomyrmex (Wheelerimyrmex) sjostedti* Wheeler, W.M. 1925a: 30 (w.q.) PERU. Junior synonym of *silvestrii*: Kempf & Brown, 1968: 97.

***staudingeri****. Megalomyrmex staudingeri* Emery, 1890b: 47 (footnote; diagnosis in key) (w.) PERU. Senior synonym of *nasutus*: Brandão, 1990: 438.

***symmetochus****. Megalomyrmex (Cepobroticus) symmetochus* Wheeler, W.M. 1925d: 168, fig. 5 (w.q.m.) PANAMA. Wheeler, G.C. & Wheeler, J. 1955c: 126 (l.). See also: Brandão, 1990: 445.

***tasyba****. Megalomyrmex tasyba* Brandão, 1990: 446, figs. 91, 92 (w.) ECUADOR.

***timbira****. Megalomyrmex timbira* Brandão, 1990: 439, figs. 45, 49 (w.) VENEZUELA.

***wallacei****. Megalomyrmex wallacei* Mann, 1916: 445, pl. 3, fig. 28 (w.q.) BRAZIL. Brandão, 2003: 150 (m.). See also: Brandão, 1990: 426.

***wettereri.*** *Megalomyrmex wettereri* Brandão, 2003: 155, figs. 1-4 (w.q.) COSTA RICA.

***weyrauchi****. Megalomyrmex weyrauchi* Kempf, 1970b: 357, figs. 3, 4 (w.) PERU. See also: Brandão, 1990: 427.

*wheeleri. Megalomyrmex (Cepobroticus) wheeleri* Weber, 1940a: 425, figs. 15, 16 (w.q.) PANAMA. Junior synonym of *silvestrii*: Kempf & Brown, 1968: 97.

*MEGALOPONERA*: see under ***PACHYCONDYLA***.

*MEGAPONERA*: see under ***PACHYCONDYLA***.

\**MEGAPTERITES*: see under \****FORMICIUM***.

*MEIA*: see under ***NESOMYRMEX***.

***MELISSOTARSUS***

***beccarii****. Melissotarsus beccarii* Emery, 1877b: 379, fig. (w.) ETHIOPIA. Forel, 1914d: 243 (q.m.). See also: Arnold, 1916: 189; Bolton, 1982: 336.

*compressus. Melissotarsus compressus* Weber, 1952a: 1, figs. 28, 29 (q.) CENTRAL AFRICAN REPUBLIC. Junior synonym of *emeryi*: Bolton, 1982: 337.

***emeryi****. Melissotarsus emeryi* Forel, 1907c: 133 (w.) ETHIOPIA. Bolton, 1982: 335 (m.). Senior synonym of *compressus, pilipes*: Bolton, 1982: 337.

***insularis****. Melissotarsus insularis* Santschi, 1911e: 122, fig. 2 (w.m.) MADAGASCAR.

*major. Melissotarsus major* Santschi, 1919h: 85 (w.) DEMOCRATIC REPUBLIC OF CONGO. Santschi, 1923e: 277 (q.m.). Junior synonym of *weissi*: Bolton, 1982: 337.

*pilipes. Melissotarsus emeryi* var. *pilipes* Santschi, 1914b: 71 (w.) KENYA. Junior synonym of *emeryi*: Bolton, 1982: 337.

*titubans. Melissotarsus titubans* Delage-Darchen, 1972a: 216, figs. 1-10 (w.q.m.) IVORY COAST. Wheeler, G.C. & Wheeler, J. 1980: 531 (l.). Junior synonym of *beccarii*: Bolton, 1982: 336; of *weissi*: Bolton, 1995b: 250 (syntypes examined).

***weissi****. Melissotarsus weissi* Santschi, 1910c: 356, fig. 3 (q.) CONGO. Bolton, 1982: 335 (m.). Senior synonym of *major*: Bolton, 1982: 337; of *titubans*: Bolton, 1995b: 250.

***MELOPHORUS***

***aeneovirens****. Formica aeneovirens* Lowne, 1865a: 276 (s.w.) AUSTRALIA. Combination in *Cataglyphis*: Mayr, 1876: 78; in *Melophorus*: Forel, 1902h: 488.

***aesopus****. Melophorus turneri* subsp. *aesopus* Forel, 1910b: 64 (s.w.q.m.) AUSTRALIA.

***anderseni****. Melophorus anderseni* Agosti, 1998: 163, figs. 4, 5 (w.q.) AUSTRALIA.

***bagoti****. Melophorus bagoti* Lubbock, 1883: 52, pl. 2, figs. 1-10 (w.) AUSTRALIA. Forel, 1886f: 213 (s.); Forel, 1910b: 60 (q.); Wheeler, G.C. & Wheeler, J. 1953c: 129 (l.).

*bidens* Emery, 1895; see under ***LASIOPHANES***.

***biroi****. Melophorus biroi* Forel, 1907a: 29 (s.) AUSTRALIA. Combination in *M. (Erimelophorus*): Wheeler, W.M. 1935c: 71.

*breviscapa. Melophorus ludius* r. *sulla* var. *breviscapa* Forel, 1915b: 89 (w.) AUSTRALIA. **Unavailable name** (Taylor, 1986: 34).

***bruneus****. Melophorus (Melophorus) brunea* McAreavey, 1949: 20, figs. 57-65 (s.w.q.m.) AUSTRALIA.

***candidus****. Melophorus turneri* st. *candida* Santschi, 1919a: 328, fig. 2 (w.) AUSTRALIA.

***constans****. Melophorus constans* Santschi, 1928e: 475 (w.q.) AUSTRALIA.

***curtus****. Melophorus curtus* Forel, 1902h: 485 (s.w.q.) AUSTRALIA.

*depressiceps* Emery, 1914; see under ***PROLASIUS***.

***fieldi****. Melophorus fieldi* Forel, 1910b: 62 (s.) AUSTRALIA. Combination in *M. (Erimelophorus*): Wheeler, W.M. 1935c: 71. Current subspecies: nominal plus *major, propinquus*.

*formicoides* Forel, 1902; see under ***PROLASIUS***.

***fraudatrix****. Melophorus iridescens* var. *fraudatrix* Forel, 1915b: 87 (footnote) (w.) AUSTRALIA. Currently subspecies of *iridescens*: Taylor & Brown, D.R. 1985: 123.

***froggatti****. Melophorus iridescens* var. *froggatti* Forel, 1902h: 487 (s.w.q.) AUSTRALIA. Currently subspecies of *iridescens*: Forel, 1907a: 29.

***fulvihirtus****. Melophorus fulvihirtus* Clark, 1941: 88, pl. 13, figs. 19-21 (s.w.) AUSTRALIA.

***hirsutus****. Melophorus hirsutus* Forel, 1902h: 488 (w.) AUSTRALIA. Combination in *M. (Trichomelophorus)*: Wheeler, W.M. 1935c: 71.

*hoffmanni* Forel, 1903; see under ***LASIOPHANES***.

***insularis****. Melophorus insularis* Wheeler, W.M. 1934d: 151 (s.w.) AUSTRALIA.

***iridescens****. Myrmecocystus iridescens* Emery, 1887a: 247 (w.) AUSTRALIA. Combination in *Melophorus*: Forel, 1902h: 487. Current subspecies: nominal plus *fraudatrix, froggatti*.

***laticeps****. Melophorus laticeps* Wheeler, W.M. 1915g: 813, pl. 66, fig. 2 (q.) AUSTRALIA. Combination in *M. (Erimelophorus*): Wheeler, W.M. 1935c: 71.

***ludius****. Melophorus ludius* Forel, 1902h: 484 (s.w.) AUSTRALIA. Current subspecies: nominal plus *sulla*.

***majeri****. Melophorus majeri* Agosti, 1998: 166, figs. 6-9 (s.w.) AUSTRALIA.

***major****. Melophorus fieldi* var. *major* Forel, 1915b: 87 (s.w.) AUSTRALIA. Currently subspecies of *fieldi*: Taylor & Brown, D.R. 1985: 123.

***marius****. Melophorus marius* Forel, 1910b: 66 (s.) AUSTRALIA. Combination in *M*. *(Erimelophorus*): Wheeler, W.M. 1935c: 71.

***mjobergi****. Melophorus mjobergi* Forel, 1915b: 88 (w.) AUSTRALIA. Combination in *M*. *(Erimelophorus*): Wheeler, W.M. 1935c: 71.

***omniparens****. Melophorus omniparens* Forel, 1915b: 85 (w.) AUSTRALIA. Combination in *M*. *(Erimelophorus*): Wheeler, W.M. 1935c: 71.

*perplexus* Santschi, 1920; see under ***LASIOPHANES***.

***perthensis****. Melophorus turneri* subsp. *perthensis* Wheeler, W.M. 1934d: 152 (s.w.) AUSTRALIA.

***pillipes****. Melophorus pillipes* Santschi, 1919a: 329, fig. 2 (w.) AUSTRALIA. Combination in *M*. *(Erimelophorus*): Wheeler, W.M. 1935c: 71.

*pilosulus* Emery, 1922; see under ***LASIOPHANES***.

***potteri****. Melophorus potteri* McAreavey, 1947: 25, fig. 1 (s.w.q.) AUSTRALIA.

***propinquus****. Melophorus fieldi* var. *propinqua* Viehmeyer, 1925a: 36 (w.) AUSTRALIA. Currently subspecies of *fieldi*: Taylor & Brown, D.R. 1985: 123.

*sauberi* Forel, 1903; see under ***LASIOPHANES***.

***scipio****. Melophorus scipio* Forel, 1915b: 86 (w.) AUSTRALIA. Combination in *Prolasius*: Wheeler, W.M. 1935c: 71; in *Melophorus*: Taylor & Brown, D.R. 1985: 124.

*spinisquamis* André, 1896; see under ***NOTONCUS***.

***sulla****. Melophorus ludius* subsp. *sulla* Forel, 1910b: 66 (s.q.m.) AUSTRALIA.

***turneri****. Melophorus turneri* Forel, 1910b: 63 (s.w.) AUSTRALIA. Viehmeyer, 1914b: 43 (q.); Wheeler, G.C. & Wheeler, J. 1968: 206 (l.). Combination in *M. (Erimelophorus*): Wheeler, W.M. 1935c: 71. Current subspecies: nominal plus *aesopus, candidus, perthensis*.

*uxorius* Emery, 1922; see under ***LASIOPHANES***.

*valdiviensis* Forel, 1904; see under ***LASIOPHANES***.

***wheeleri****. Melophorus wheeleri* Forel, 1910b: 60 (s.w.m.) AUSTRALIA. Viehmeyer, 1914b: 43 (q.). Combination in *M. (Erimelophorus*): Wheeler, W.M. 1935c: 71. See also: Forel, 1915b: 88.

***MERANOPLUS***

*affinis. Meranoplus nanus* subsp. *affinis* Baroni Urbani, 1971b: 361. Replacement name for *similis* Karavaiev, 1931d: 44. [Junior primary homonym of *similis* Viehmeyer, 1922: 208.] Junior synonym of *inermis*: Bolton, 1981a: 52.

***ajax****. Meranoplus mars* r. *ajax* Forel, 1915b: 44 (w.) AUSTRALIA. Raised to species: Taylor, 1990c: 34. See also: Schödl, 2007: 376.

***angustinodis.*** *Meranoplus angustinodis* Schödl, 2007: 401, figs. 42, 43, 73, 81 (w.) AUSTRALIA.

***arcuatus.*** *Meranoplus arcuatus* Schödl, 2007: 404, figs. 46, 47, 77, 82 (w.) AUSTRALIA.

***armatus****. Meranoplus armatus* Smith, F. 1862d: 413, pl. 12, fig. 7 (w.) INDONESIA (Sumatra). Senior synonym of *rugifrons*: Taylor, 1990c: 35.

***astericus****. Meranoplus astericus* Donisthorpe, 1947d: 190 (w.) NEW GUINEA.

*attenuatus* Smith, F. 1876; see under ***PROCRYPTOCERUS***.

***aureolus****. Meranoplus aureolus* Crawley, 1921: 91 (w.) AUSTRALIA.

***barretti****. Meranoplus barretti* Santschi, 1928e: 468 (w.) AUSTRALIA.

***beatoni****. Meranoplus beatoni* Taylor, 2006: 23, figs. 5 – 8 (w.) AUSTRALIA.

***bellii****. Meranoplus bellii* Forel, 1902c: 240 (w.) INDIA. Senior synonym of *carinatus, flaviventris*: Schödl, 1998: 370.

***berrimah.*** *Meranoplus berrimah* Schödl, 2007: 379, figs. 8, 9, 56, 89 (w.) AUSTRALIA.

***bicolor****. Cryptocerus bicolor* Guérin-Méneville, 1844a: 425 (w.) INDIA. Smith, F. 1875: 34 (q.m.); Imai, Baroni Urbani, *et al*. 1984: 6 (k.). Combination in *Meranoplus*: Smith, F. 1853: 224. Senior synonym of *dimicans*: Bingham, 1903: 168; Donisthorpe, 1932b: 576; of *tarda*: Emery, 1892b: 166; of *villosus*: Roger, 1863b: 39; of *fuscescens, lucidus*: Schödl, 1998: 372.

***biliran****. Meranoplus biliran* Schödl, 1998: 374, figs. 14, 28, 31 (w.) PHILIPPINES.

*bimaculatus. Meranoplus hirsutus* st. *minor* var. *bimaculatus* Santschi, 1928e: 470 (w.) AUSTRALIA. **Unavailable name** (Taylor, 1986: 34).

***birmanus****. Meranoplus birmanus* Schödl, 1999: 62, figs. 1-3, 7, 9, 11 (w.) MYANMAR.

***boltoni****. Meranoplus boltoni* Schödl, 1998: 376, figs. 11, 25, 32 (w.) SRI LANKA.

*bondroiti. Meranoplus bondroiti* Santschi, 1915c: 254, fig. 4 (w.) DEMOCRATIC REPUBLIC OF CONGO. Junior synonym of *magrettii*: Bolton, 1981a: 55.

***borneensis****. Meranoplus borneensis* Schödl, 1998: 377, figs. 5, 19, 30 (w.) BORNEO.

*carinatus. Meranoplus carinatus* Donisthorpe, 1942d: 456 (q.) INDIA. Junior synonym of *bellii*: Schödl, 1998: 370.

***castaneus****. Meranoplus castaneus* Smith, F. 1857a: 81, pl. 2, fig. 7 (q.) BORNEO. Forel, 1910a: 29 (w.). Senior synonym of *cordatus*: Forel, 1912n: 61; of *hammaceros, javanus*: Schödl, 1998: 378.

***christinae.*** *Meranoplus christinae* Schödl, 2007: 389, figs. 38, 39, 71, 82, pl. 1,B (w.q.) AUSTRALIA.

*christmasensis. Meranoplus pubescens* r. *fenestratus* var. *christmasensis* Forel, 1915b: 48 (w.) AUSTRALIA. **Unavailable name** (Taylor, 1986: 34).

***clypeatus****. Meranoplus clypeatus* Bernard, 1953b: 244, fig. 13 (w.q.) GUINEA. See also: Bolton, 1981a: 52.

***convexius.*** *Meranoplus convexius* Schödl, 2007: 382, figs. 26, 27, 65, 84 (w.) AUSTRALIA.

*cordatus. Meranoplus cordatus* Smith, F. 1857a: 82, pl. 2, fig. 5 (w.) BORNEO. Junior synonym of *castaneus*: Forel, 1912n: 61.

***crassispina.*** *Meranoplus crassispina* Schödl, 2007: 393, figs. 24, 25, 64, 85 (w.) AUSTRALIA.

*crawleyi. Meranoplus crawleyi* Viehmeyer, 1925a: 27. Second (unnecessary) replacement name for *minor* Crawley, 1918: 89. [Junior primary homonym of *minor* Forel, 1902h: 457.] Junior synonym of *minimus*: Bolton, 1995b: 251.

***cryptomys****. Meranoplus cryptomys* Boudinot & Fisher, 2013: 316, figs. 21, 26, 27, 33-38, 63 (w.q.) MADAGASCAR.

***curvispina****. Meranoplus puryi* var. *curvispina* Forel, 1910b: 47 (w.) AUSTRALIA. Junior synonym of *puryi*: Taylor, 1990c: 39. Revived from synonymy and raised to species: Schödl, 2004: 351.

***deserticola.*** *Meranoplus deserticola* Schödl, 2007: 392, figs. 22, 23, 63, 81 (w.) AUSTRALIA.

***dichrous****. Meranoplus dichrous* Forel, 1907h: 274 (q.) AUSTRALIA. **Unidentifiable taxon**, *incertae sedis* in *Meranoplus*: Taylor, 1990c: 33.

*difformis* Smith, F. 1858; see under ***CYPHOMYRMEX***.

***digitatus.*** *Meranoplus digitatus* Schödl, 2007: 384, figs. 30, 31, 67, 84 (w.) AUSTRALIA.

*dimicans. Meranoplus dimicans* Walker, 1859: 375 (w.) SRI LANKA. Junior synonym of *bicolor*: Bingham, 1903: 168; Donisthorpe, 1932b: 576.

***dimidiatus****. Meranoplus dimidiatus* Smith, F. 1867: 527, pl. 26, fig. 8 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1973a: 37 (l.).

***discalis.*** *Meranoplus discalis* Schödl, 2007: 385, figs. 32, 33, 68, 86 (w.) AUSTRALIA.

***diversoides.*** *Meranoplus diversoides* Schödl, 2007: 388, figs. 36, 37, 70, 83 (w.) AUSTRALIA.

*diversipilosus. Meranoplus simoni* var. *diversipilosus* Santschi, 1932a: 388 (w.) ZIMBABWE. Junior synonym of *magrettii*: Bolton, 1981a: 55.

***diversus****. Meranoplus diversus* Smith, F. 1867: 527, pl. 26, fig. 2 (w.) AUSTRALIA. Forel, 1915b: 44 (m.). See also: Schödl, 2007: 387.

***doddi****. Meranoplus aureolus* st. *doddi* Santschi, 1928e: 469 (q.) AUSTRALIA (name misspelled as *aerolus* in this publication). Raised to species, but **unidentifiable taxon**, *incertae sedis* in *Meranoplus*: Taylor, 1990c: 38*.*

***duyfkeni****. Meranoplus diversus* r. *duyfkeni* Forel, 1915b: 45 (w.q.) AUSTRALIA. Raised to species: Taylor, 1990c: 34. See also: Schödl, 2007: 397.

***excavatus****. Meranoplus excavatus* Clark, 1938: 367, fig. 6 (w.) AUSTRALIA.

*excisus. Meranoplus excisus* Arnold, 1914: 29, fig. 9 (w.) SOUTH AFRICA. Junior synonym of *peringueyi*: Bolton, 1981a: 56.

***fenestratus****. Meranoplus fenestratus* Smith, F. 1867: 526, pl. 26, fig. 6 (w.) AUSTRALIA. Junior synonym of *pubescens*: Dalla Torre, 1893: 137. Revived from synonymy as subspecies of *pubescens*: Forel, 1907a: 12; Forel, 1910b: 47; Forel, 1915b: 48; Emery, 1924d: 229. Revived status as species: Taylor & Brown, D.R. 1985: 67.

***ferrugineus****. Meranoplus ferrugineus* Crawley, 1922b: 444, fig. 8 (w.) AUSTRALIA.

*flaviventris. Meranoplus flaviventris* Donisthorpe, 1943b: 202 (w.) INDIA. Junior synonym of *bellii*: Schödl, 1998: 370.

***froggatti****. Meranoplus froggatti* Forel, 1913g: 183 (w.) AUSTRALIA.

*fuscescens. Meranoplus bicolor* var. *fuscescens* Wheeler, W.M. 1930a: 101 (w.) TAIWAN. Junior synonym of *bicolor*: Schödl, 1998: 372.

***glaber****. Meranoplus spininodis* var. *glaber* Arnold, 1926: 285, fig. 82 (w.) ZIMBABWE. Raised to species: Bolton, 1981a: 49.

*gracilis* Smith, F. 1858; see under ***PROCRYPTOCERUS***.

*hammaceros. Meranoplus castaneus* subsp. *hammaceros* Forel, 1912n: 60 (w.) INDONESIA (Sumatra). Junior synonym of *castaneus*: Schödl, 1998: 378.

***hilli****. Meranoplus hilli* Crawley, 1922b: 445, fig. 9 (w.) AUSTRALIA.

***hirsutus****. Meranoplus hirsutus* Mayr, 1876: 112 (w.) AUSTRALIA. See also: Taylor, 2006: 21.

***hoplites****. Meranoplus hoplites* Taylor, 2006: 25, figs. 13 – 16 (w.) AUSTRALIA.

***hospes****. Meranoplus hospes* Forel, 1910b: 48 (q.) AUSTRALIA. **Unidentifiable taxon**, *incertae sedis* in *Meranoplus*: Taylor, 1990c: 33.

***inermis****. Meranoplus inermis* Emery, 1895h: 41, pl. 2, fig. 24 (w.) SOUTH AFRICA. Subspecies of *nanus*: Wheeler, W.M. 1922a: 888. Revived status as species and senior synonym of *affinis, kiboshana, nanior, soriculus*: Bolton, 1981a: 52.

*intrudens* Smith, F. 1876; see under ***CATAULACUS***.

*javanus. Meranoplus bellii* subsp. *javanus* Karavaiev, 1935a: 98, fig. 22 (w.) INDONESIA (Java). Junior synonym of *castaneus*: Schödl, 1998: 378.

*kiboshana. Meranoplus nanus* var. *kiboshana* Forel, 1907a: 12 (w.) KENYA. Junior synonym of *inermis*: Bolton, 1981a: 52.

***laeviventris****. Meranoplus laeviventris* Emery, 1889b: 506, pl. 10, fig. 16 (w.) MYANMAR. Senior synonym of *punctulata*: Schödl, 1998: 380.

***leveillei****. Meranoplus leveillei* Emery, 1883: 151, fig. (w.) NEW CALEDONIA. André, 1889: 231 (m.).

***levis****. Meranoplus levis* Donisthorpe, 1942d: 455 (w.) INDIA. See also: Schödl, 1998: 381.

***linae****. Meranoplus aureolus* st. *linae* Santschi, 1928e: 469 (w.) AUSTRALIA (name misspelled as *aerolus* in publication). Raised to species: Taylor, 1990c: 38.

***loebli****. Meranoplus loebli* Schödl, 1998: 384, figs. 13, 27, 32 (w.) SRI LANKA.

*lucidus. Meranoplus bicolor* var. *lucida* Forel, 1903a: 706 (w.) MYANMAR. Forel, 1909d: 224 (m.). Junior synonym of *bicolor*: Schödl, 1998: 372.

***magrettii****. Meranoplus magrettii* André, 1884a: 245 (w.) SUDAN. [Also described as new by André, 1884b: 543.] Menozzi & Consani, 1952: 66 (q.). Senior synonym of *bondroiti, diversipilosus, nitidiventris, simoni, springvalensis, suturalis*: Bolton, 1981a: 55.

***malaysianus****. Meranoplus malaysianus* Schödl, 1998: 385, figs. 4, 18, 32 (w.q.) MALAYSIA.

***mars****. Meranoplus mars* Forel, 1902h: 454 (w.) AUSTRALIA. See also: Schödl, 2007: 390.

***mayri****. Meranoplus mayri* Forel, 1910a: 19 (w.) MADAGASCAR. Boudinot & Fisher, 2013: 321 (q.m.).

***mcarthuri.*** *Meranoplus mcarthuri* Schödl, 2007: 405, figs. 48, 49, 75, 84 (w.) AUSTRALIA.

***minimus****. Meranoplus minimus* Crawley, 1922b: 445. Replacement name for *minor* Crawley, 1918: 89. [Junior primary homonym of *minor* Forel, 1902h: 457.] Senior synonym of *crawleyi* (unnecessary second replacement name): Bolton, 1995b: 251.

***minor****. Meranoplus hirsutus* r. *minor* Forel, 1902h: 457 (w.q.) AUSTRALIA. Imai, Crozier & Taylor, 1977: 349 (k.). Raised to species: Taylor, 1990c: 38.

*minor. Meranoplus minor* Crawley, 1918: 89 (w.) AUSTRALIA. [Junior primary homonym of *minor* Forel, above.] Replacement name: *minimus*: Crawley, 1922b: 445.

***mjobergi****. Meranoplus mjobergi* Forel, 1915b: 46 (w.) AUSTRALIA.

***montanus****. Meranoplus montanus* Schödl, 1998: 387, figs. 12, 26, 30 (w.q.) BORNEO.

***mucronatus****. Meranoplus mucronatus* Smith, F. 1857a: 82, pl. 2, fig. 6 (w.) WEST MALAYSIA. Viehmeyer, 1916a: 129 (m.). See also: Schödl, 1998: 388.

***naitsabes.*** *Meranoplus naitsabes* Schödl, 2007: 383, figs. 28, 29, 66, 84 (w.) AUSTRALIA.

*nanior. Meranoplus nanus* subsp. *nanior* Forel, 1907a: 12 (w.) KENYA. Viehmeyer, 1922: 209 (q.). Junior synonym of *inermis*: Bolton, 1981a: 52.

***nanus****. Meranoplus nanus* André, 1892a: 55 (w.) GABON. Santschi, 1914d: 351 (q.). See also: Bolton, 1981a: 53.

***nepalensis****. Meranoplus nepalensis* Schödl, 1998: 390, figs. 10, 24, 31 (w.q.) NEPAL.

***niger****. Meranoplus niger* Donisthorpe, 1949b: 494 (q.m.) NEW GUINEA.

*nitidiventris. Meranoplus simoni* subsp. *nitidiventris* Mayr, 1901b: 26 (w.) SOUTH AFRICA. Arnold, 1917: 371 (q.m.). Junior synonym of *magrettii*: Bolton, 1981a: 55.

***occidentalis.*** *Meranoplus occidentalis* Schödl, 2007: 400, figs. 40, 41, 72, 79, pl. 1,C (w.q.m.) AUSTRALIA.

***oceanicus****. Meranoplus oceanicus* Smith, F. 1862d: 414, pl. 12, fig. 5 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1954d: 443 (l.).

***orientalis.*** *Meranoplus orientalis* Schödl, 2007: 398, figs. 12, 13, 58, 80 (w.) AUSTRALIA.

***oxleyi****. Meranoplus diversus* r. *oxleyi* Forel, 1915b: 45 (w.) AUSTRALIA. Raised to species: Taylor, 1990c: 34. See also: Schödl, 2007: 399.

***peringueyi****. Meranoplus peringueyi* Emery, 1886: 365, pl. 17, fig. 12 (w.) SOUTH AFRICA. Senior synonym of *excisus*: Bolton, 1981a: 56.

*petiolatus* Smith, F. 1853; see under ***PROCRYPTOCERUS***.

***pubescens****. Cryptocerus pubescens* Smith, F. 1853: 223, pl. 20, fig. 4 (q.) AUSTRALIA. Combination in *Meranoplus*: Smith, F. 1862d: 413.

*puncticeps* Smith, F. 1876; see under ***PROCRYPTOCERUS***.

*punctulata. Meranoplus laeviventris* var. *punctulata* Emery, 1895k: 472 (w.) MYANMAR. Junior synonym of *laeviventris*: Schödl, 1998: 380.

***puryi****. Meranoplus puryi* Forel, 1902h: 456 (w.) AUSTRALIA.

***radamae****. Meranoplus radamae* Forel, 1891b: 148, pl. 4, fig. 10 (w.) MADAGASCAR. Boudinot & Fisher, 2013: 327 (q.m.).

***raripilis****. Meranoplus raripilis* Donisthorpe, 1938e: 501 (w.) NEW GUINEA.

***rothneyi****. Meranoplus rothneyi* Forel, 1902c: 241 (w.) INDIA. See also: Schödl, 1998: 391.

*rugifrons. Meranoplus spinosus* subsp. *rugifrons* Emery, 1897d: 569, pl. 1, figs. 13-15 (w.) NEW GUINEA. Viehmeyer, 1914c: 525 (q.). Raised to species: Donisthorpe, 1941c: 136. Junior synonym of *armatus*: Taylor, 1990c: 35.

***rugosus****. Meranoplus hirsutus* r. *rugosa* Crawley, 1922b: 443 (w.) AUSTRALIA. Raised to species: Taylor, 1990c: 39.

***sabronensis****. Meranoplus sabronensis* Donisthorpe, 1941c: 136 (w.) NEW GUINEA.

***schoedli****. Meranoplus schoedli* Taylor, 2006: 24, figs. 9 – 12 (w.) AUSTRALIA.

***similis****. Meranoplus similis* Viehmeyer, 1922: 208 (w.) AUSTRALIA.

*similis. Meranoplus nanus* subsp. *similis* Karavaiev, 1931d: 44, fig. 3 (w.) KENYA. [Junior primary homonym of *similis* Viehmeyer, above.] Replacement name: *affinis* Baroni Urbani, 1971b: 361.

*simoni. Meranopus simoni* Emery, 1895h: 41, pl. 2, fig. 23 (w.) SOUTH AFRICA. Junior synonym of *magrettii*: Bolton, 1981a: 55.

*singularis* Smith, F. 1858; see under ***BASICEROS***.

***snellingi.*** *Meranoplus snellingi* Schödl, 2007: 380, figs. 6, 7, 55, 87, pl. 1,A (w.) AUSTRALIA.

*soriculus. Meranoplus nanus* subsp. *soriculus* Wheeler, W.M. 1922a: 184, fig. 45 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO. Junior synonym of *inermis*: Bolton, 1981a: 52.

***spininodis****. Meranoplus spininodis* Arnold, 1917: 366 (w.) ZIMBABWE. Arnold, 1926: 284 (q.m.). See also: Bolton, 1981a: 50.

***spinosus****. Meranoplus spinosus* Smith, F. 1859a: 150 (w.) INDONESIA (Aru I.). Combination in *Procryptocerus*: Donisthorpe, 1932c: 456. [Specimen supposed to be the worker holotype of a *Meranoplus* species is a queen of a *Procryptocerus* species. Therefore either locality in error or specimen has been changed, or both: Bolton, 1995b: 367.]

*springvalensis. Meranoplus simoni* var. *springvalensis* Arnold, 1917: 372 (w.) ZIMBABWE. Junior synonym of *magrettii*: Bolton, 1981a: 55.

***sthenus****. Meranoplus sthenus* Bolton, 1981a: 50, figs. 1, 9 (w.q.) ZIMBABWE.

*striatus* Smith, F. 1860; see under ***PROCRYPTOCERUS***.

*subpilosus* Smith, F. 1860; see under ***PROCRYPTOCERUS***.

*suturalis. Meranoplus simoni* subsp. *suturalis* Forel, 1910e: 424 (w.) SOUTH AFRICA. Junior synonym of *magrettii*: Bolton, 1981a: 55.

***sylvarius****. Meranoplus sylvarius* Boudinot & Fisher, 2013: 333, figs. 10, 23, 28, 29, 57-62, 66 (w.q.) MADAGASCAR.

*tarda. Myrmica tarda* Jerdon, 1851: 115 (w.) INDIA. Junior synonym of *bicolor*: Emery, 1892b: 166.

***taurus****. Meranoplus taurus* Schödl, 2007: 407, figs. 50, 51, 76, 88 (w.) AUSTRALIA.

***testudineus****. Meranoplus testudineus* McAreavey, 1956: 148, fig. 1 (w.) AUSTRALIA.

***tricuspidatus.*** *Meranoplus tricuspidatus* Schödl, 2007: 395, figs. 18, 19, 61, 87 (w.) AUSTRALIA.

***unicolor****. Meranoplus diversus* r. *unicolor* Forel, 1902h: 455 (w.) AUSTRALIA. Raised to species: Taylor, 1990c: 34. See also: Schödl, 2007: 378.

***variabilis.*** *Meranoplus variabilis* Schödl, 2007: 403, figs. 44, 45, 74, 89 (w.) AUSTRALIA.

***vestigator****. Meranoplus vestigator* Smith, F. 1876d: 610, pl. 11, fig. 8 (w.) INDONESIA (Martabello I.).

*villosus. Meranoplus villosus* Motschoulsky, 1860a: 115 (q.) SRI LANKA. Junior synonym of *bicolor*: Roger, 1863b: 39.

***wilsoni.*** *Meranoplus wilsoni* Schödl, 2007: 394, figs. 16, 17, 60, 88 (w.) AUSTRALIA.

*MESANOPLOLEPIS*: see under ***TAPINOLEPIS***.

*MESOCREMA*: see under ***CREMATOGASTER***.

*MESOMYRMA*: see under ***DILOBOCONDYLA***.

*MESOPONERA*: see under ***PACHYCONDYLA***.

***MESOSTRUMA***

[Note. All *Mesostruma* taxa with combination in *Epopostruma*, *sensu* Baroni Urbani & De Andrade, 2007: 90-93; taxonomy documented in Bolton, 1999, 2000 is retained here.]

***bella****. Mesostruma bella* Shattuck, in Bolton, 2000: 48 (w.) AUSTRALIA.

***browni****. Mesostruma browni* Taylor, 1962: 1, figs. 1-5 (w.q.m.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1973c: 212 (l.). See also: Shattuck, in Bolton, 2000: 49.

***eccentrica****. Mesostruma eccentrica* Taylor, 1973: 31, pl. 2 (w.q.) AUSTRALIA. See also: Shattuck, in Bolton, 2000: 50.

***exolympica****. Mesostruma exolympica* Taylor, 1973: 35, pl. 6 (w.q.) AUSTRALIA. See also: Shattuck, in Bolton, 2000: 50.

***inornata****. Mesostruma inornata* Shattuck, in Bolton, 2000: 51 (w.) AUSTRALIA.

***laevigata****. Mesostruma laevigata* Brown, 1952g: 12, fig. 1 (w.q.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1955a: 130 (l.). See also: Taylor, 1973: 28; Shattuck, in Bolton, 2000: 51.

***loweryi****. Mesostruma loweryi* Taylor, 1973: 35, pl. 4 (w.) AUSTRALIA. See also: Shattuck, in Bolton, 2000: 52.

***spinosa.*** *Mesostruma spinosa* Shattuck, 2007: 51, figs. 9-12 (w.) AUSTRALIA.

***turneri****. Strumigenys (Epopostruma) turneri* Forel, 1895f: 424 (w.) AUSTRALIA. Combination in *Epopostruma*: Emery, 1924d: 330; in *Mesostruma*: Brown, 1948e: 119. See also: Taylor, 1973: 32; Shattuck, in Bolton, 2000: 52.

*MESOXENA*: see under ***ECHINOPLA***.

\****MESSELEPONE***

\****leptogenoides****. \*Messelepone leptogenoides* Dlussky & Wedmann, 2012: 745, fig. 24 (q.m.) GERMANY (Eocene).

***MESSOR***

***abdelazizi****. Messor barbarus* st. *abdelazizi* Santschi, 1921d: 70 (s.) MOROCCO. Santschi, 1931a: 4 (w.q.); Cagniant & Espadaler, 1998: 423 (m.). Subspecies of *structor*: Santschi, 1923f: 320; Santschi, 1929e: 142; Santschi, 1936c: 200. Status as species: Santschi, 1931a: 3; Cagniant, 1964: 87.

***aciculatus****. Aphaenogaster aciculata* Smith, F. 1874: 405 (w.q.) JAPAN. Imai, 1966: 119 (k.); Onoyama, 1982: 325 (l.); Kupyanskaya, 1990: 122 (m.). Combination in *Stenamma (Messor*): Forel, 1901h: 60; in *Aphaenogaster (Attomyrma*): Emery, 1921f: 57; in *Messor*: Forel, 1922: 93. Senior synonym of *brunneicorne*: Yano, 1910: 420; Wheeler, W.M. 1928d: 107 (in text); of *lobulifera*: Wheeler, W.M. 1928c: 9 (in text); Wheeler, W.M. 1928d: 107 (in text). Current subspecies: nominal plus *risianus*.

*aedificator. Formica aedificator* Schilling, 1839: 56 (w.) POLAND. Junior synonym of *structor*: Mayr, 1855: 464.

***aegaeus****. Messor structor* var. *aegaeus* Santschi, 1926f: 286 (w.) TURKEY. [First available use of *Messor barbarus* subsp. *structor* var. *aegaea* Emery, 1921b: 213; unavailable name.] See also: Menozzi, 1928a: 126.

***aegyptiacus****. Aphaenogaster barbara* var. *aegyptiaca* Emery, 1878b: 57 (w.q.) EGYPT. Emery, 1908e: 452 (m.). Combination in A*. (Messor*): Forel, 1890a: lxix; in *Stenamma (Messor*): Forel, 1902a: 148; in Messor: Ruzsky, 1905b: 751. Subspecies of *barbarus*: Forel, 1890a: lxix. Raised to species: Santschi, 1923f: 320. Current subspecies: nominal plus *canaliculatus, felah, phasianicus, tunetinus*. See also: Santschi, 1929e: 142; Finzi, 1936: 157.

*airensis. Messor galla* var. *airensis* Bernard, 1950b: 286 (w.q.) NIGER. Junior synonym of *galla*: Bolton, 1982: 350.

***alaschanicus****. Messor excursionis* subsp. *alaschanicus* Ruzsky, 1915a: 442, figs. 25-27 (w.) MONGOLIA. See also: Stärcke, 1935: 268.

***alexandri****. Messor alexandri* Tohmé, G. & Tohmé, H. 1981: 148 (w.) SYRIA. [First available use of *Messor barbarus* st. *structor* var. *alexandri* Santschi, 1917e: 91; unavailable name.]

***alfierii****. Messor arenarius* st. *alfierii* Santschi, 1938a: 34, fig. 4 (w.) EGYPT.

***amasiensis****. Messor oertzeni* var. *amasiensis* Emery, 1921b: 216 (q.) TURKEY.

*amaurocyclia. Myrmica amaurocyclia* Foerster, 1850b: 486 (w.) ALGERIA. Junior synonym of *arenarius*: Roger, 1862c: 292.

*ambiguus. Messor barbarus* var. *ambiguus* Santschi, 1925g: 342 (w.) TUNISIA. Junior synonym of *barbarus*: Collingwood, 1978: 68.

*amphigea. Messor oertzeni* var. *amphigea* Forel, 1911d: 347 (s.w.m.) GREECE. Junior synonym of *oertzeni*: Agosti & Collingwood, 1987a: 54.

***andrei****. Aphaenogaster andrei* Mayr, 1886d: 448 (w.) U.S.A. Emery, 1895c: 306 (q.); Wheeler, G.C. & Wheeler, J. 1972b: 240 (l.); Taber & Cokendolpher, 1988: 95 (k.). Combination in *Stenamma (Messor*): Emery, 1895c: 306; in *Novomessor*: Emery, 1915d: 73; in *N. (Veromessor)*: Forel, 1917: 235; in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 362; in *Messor*: Bolton, 1982: 341. Senior synonym of *castaneus* (and its junior synonym *flavus*): Creighton, 1953a: 3. See also: Smith, D.R. 1979: 1364.

***angularis****. Messor galla* var. *angularis* Santschi, 1928f: 202 (w.) KENYA. [First available use of *Messor barbarus* st. *semirufus* var. *angularis* Santschi, 1914b: 75; unavailable name.] Raised to species: Bolton, 1982: 344.

***antennatus****. Messor antennatus* Emery, 1908e: 441, fig. 3 (w.) MOROCCO. Menozzi, 1922a: 354 (q.); Cagniant & Espadaler, 1998: 431 (m.). Current subspecies: nominal plus *fodorii, personatus*.

***aphaenogasteroides****. Messor aphaenogasteroides* Pisarski, 1967: 381, figs. 10-15 (w.q.) AFGHANISTAN.

***aralocaspius****. Aphaenogaster barbara* var. *aralocaspia* Ruzsky, 1902c: 20 (w.) RUSSIA. Karavaiev, 1910b: 63 (q.m.); Stitz, 1930: 240 (q.). Combination in *Messor*: Ruzsky, 1905b: 745. Subspecies of *minor*: Santschi, 1927c: 239. Status as species: Pisarski, 1967: 384; Pisarski, 1969b: 306; Tarbinsky, 1976: 65; Arnol'di, 1977b: 1642. Material of the unavailable name *tamerlani* referred here by Dlussky, Soyunov & Zabelin, 1990: 218. Current subspecies: nominal plus *infumatus*.

*arcistriatus. Messor arcistriatus* Santschi, 1928f: 202 (w.) SOUTH AFRICA. Junior synonym of *decipiens*: Bolton, 1982: 348.

***arenarius****. Formica arenaria* Fabricius, 1787: 310 (w.) NORTH AFRICA. André, 1883b: 366 (q.); Emery, 1891b: 12 (q.m.); Forel, 1902a: 148 (m.). Combination in *Aphaenogaster*: Roger, 1863b: 29; in *A. (Messor*): Forel, 1890a: lxx; in *Messor*: Forel, 1894d: 45; in *Stenamma (Messor)*: Emery, 1898c: 125; in *Messor*: Emery, 1908e: 439. Senior synonym of *amaurocyclia, scalpturata*: Roger, 1862c: 292; of *bugnioni*: Forel, 1904f: 424. Current subspecies: nominal plus *alfierii, diabolus, ratus, thebaicus*. See also: Emery, 1908e: 439; Santschi, 1938a: 32.

*armata. Messor barbarus* subsp. *galla* var. *armata* Emery, 1922c: 98 (w.) GHANA. **Unavailable name**; material referred to *galla* by Bolton, 1982: 350.

***atanassovii****. Messor atanassovii* Atanassov, 1982: 209, figs. 1-3 (w.q.) BULGARIA. [Incorrectly regarded as unavailable name by Baroni Urbani, Aktaç & Camiltepe, 1989: 300.] See also: Atanassov & Dlussky, 1992: 119.

*barbarastructor. Aphaenogaster barbara* var. *barbarastructor* Dalla Torre, 1893: 100 (w.) RUSSIA. *Nomen nudum*, attributed to Mayr, 1880: 33, where the name is not mentioned. [The name persists in Ruzsky, 1902d: 27; Forel, 1904b: 373; Forel, 1904d: 175; Forel, 1906c: 189; Emery, 1921f: 73; all *nomina nuda*.]

***barbarus****. Formica barbara* Linnaeus, 1767: 962 (w.) MOROCCO. Mayr, 1861: 67 (q.m.); Wheeler, G.C. & Wheeler, J. 1953b: 65 (l.). Combination in *Aphaenogaster*: Roger, 1863b: 29; in *A. (Messor*): Forel, 1890a: lxviii; in *Messor*: Forel, 1894d: 8; in *Stenamma (Messor*): Emery, 1898c: 125; in *Messor*: Ruzsky, 1903b: 315; Bingham, 1903: 278. Senior synonym of *binodis, juvenalis*: Smith, F. 1858b: 162; of *megacephala*: Mayr, 1863: 395; of *rufitarsis* Foerster: Roger, 1863b: 29; of *ambiguus, nigriceps*: Collingwood, 1978: 68; of *sordida*: Cagniant & Espadaler, 1998: 424. Current subspecies: nominal plus *gallaoides, mediosanguineus, politus, sahlbergi, santschii, varrialei*.

***batnensis****. Messor lobicornis* var. *batnensis* Forel, 1909e: 371 (w.q.) ALGERIA.

***beduinus****. Messor barbarus* st. *beduinus* Emery, 1922c: 93 (w.) TUNISIA. [First available use of *Messor barbarus* subsp. *striativentris* var. *beduina* Emery, 1908e: 453; unavailable name.] Santschi, 1910a: 45 (q.); Santschi, 1926e: 234 (m.). Raised to species: Santschi, 1923a: 134; Santschi, 1923f: 320. See also: Finzi, 1940: 157.

***berbericus****. Messor berbericus* Bernard, 1955a: 357, fig. B (w.) ALGERIA. Cagniant & Espadaler, 1998: 423 (q.m.).

***bernardi****. Messor bernardi* Cagniant, 1967a: 131, figs. 1-11 (w.q.m.) ALGERIA.

*binodis. Formica binodis* Fabricius, 1775: 393 (w.) EGYPT. [**Unresolved junior primary homonym** of *Formica binodis* Linnaeus, 1763: 413 (now in *Tetramorium*).] Junior synonym of *barbarus*: Smith, F. 1858b: 162.

***bodenheimeri****. Messor rugosus* subsp. *bodenheimeri* Menozzi, 1933b: 54 (w.) ISRAEL.

***bouvieri****. Messor bouvieri* Bondroit, 1918: 154, fig. 75 (s.w.) FRANCE. Baroni Urbani, 1964b: 31 (q.). Subspecies of *instabilis*: Menozzi, 1926b: 181. Junior synonym of *sanctus*: Bernard, 1967: 148. Subspecies of *sanctus*: Baroni Urbani, 1964b: 30; Baroni Urbani, 1968b: 430; Baroni Urbani, 1971c: 65. Revived status as species: Collingwood & Yarrow, 1969: 63; Collingwood, 1978: 68; Schembri & Collingwood, 1981: 426. Material of the unavailable name *grandiceps* referred here by Collingwood, 1978: 68.

***boyeri****. Messor boyeri* Cagniant, 2006b: 9, figs. 1-3 (w.q.m.) MOROCCO.

*braunsi. Messor braunsi* Forel, 1913a: 138 (w.) SOUTH AFRICA. Stitz, 1923: 149 (q.). Junior synonym of *capensis*: Bolton, 1982: 345.

***brevispinosus****. Messor aegyptiacus* var. *brevispinosus* Santschi, 1923f: 322 (w.) MOROCCO. [First available use of *Messor barbarus* r. *striaticeps* var. *brevispinosus* Stitz, 1917: 344; unavailable name.] Subspecies of *aegyptiacus*: Santschi, 1934f: 166. Currently subspecies of *foreli*: Cagniant & Espadaler, 1998: 428.

*brunneicorne. Stenamma (Messor) aciculatum* var. *brunneicorne* Forel, 1901h: 60 (w.) JAPAN. Combination in *Messor*: Emery, 1908e: 459. Raised to species: Emery, 1908e: 459. Junior synonym of *aciculatus*: Yano, 1910: 420.

*brunni. Messor denticornis* var. *brunni* Forel, 1910e: 444 (w.) NAMIBIA. Junior synonym of *denticornis*: Bolton, 1982: 349.

***buettikeri****. Messor buettikeri* Collingwood, 1985: 249, fig. 22 (w.q.m.) SAUDI ARABIA.

*bugnioni. Stenamma (Messor) bugnioni* Forel, 1904c: 13 (w.) ALGERIA. Junior synonym of *arenarius*: Forel, 1904f: 424.

***caducus****. Formica caduca* Victor, 1839: 47, pl. 2, fig. d (w.) RUSSIA. Combination in *Aphaenogaster*: Roger, 1863b: 29; in *Stenamma (Messor*): Emery, 1898c: 125; in *Messor*: Ruzsky, 1905b: 754. Junior synonym of *barbarus*: Roger, 1863b: 29; Emery & Forel, 1879: 461; Nasonov, 1889: 37. Revived from synonymy as subspecies of *barbarus*: Emery, 1891b: 12. Revived status as species: Ruzsky, 1905b: 754. Material of the unavailable name *semirubra* referred here by Arnol'di, 1977b: 1638. Senior synonym of *meridionalis*: Atanassov & Dlussky, 1992: 121; of *caucasicola*: Arakelian, 1994: 34. Current subspecies: nominal plus *glabrescens*. See also: Agosti & Collingwood, 1987a: 54; Baroni Urbani, Aktaç & Camiltepe, 1989: 291.

***calabricus****. Messor minor* var. *calabricus* Santschi, 1927c: 234 (w.) ITALY. Currently subspecies of *minor*: Baroni Urbani, 1964c: 151; Baroni Urbani, 1971c: 62.

***canaliculatus****. Messor aegyptiacus* subsp. *canaliculatus* Donisthorpe, 1944a: 1, fig. 1 (s.w.) ALGERIA.

***capensis****. Atta capensis* Mayr, 1862: 743 (w.) SOUTH AFRICA. Mayr, 1866b: 896 (q.m.). Combination in *Aphaenogaster*: Roger, 1863b: 30; in *Stenamma (Messor*): Emery, 1895h: 35; in *Messor*: Forel, 1910e: 444. Subspecies of *barbarus*: Emery, 1891b: 12; Forel, 1910e: 444; Arnold, 1920a: 405; Emery, 1922c: 98; Stitz, 1923: 150; Prins, 1963: 100. Status as species: Santschi, 1917e: 94; Wheeler, W.M. 1922a: 804; Bolton, 1982: 345. Senior synonym of *braunsi, donisthorpei, pseudoaegyptiaca, schencki*: Bolton, 1982: 345.

***capitatus****. Formica capitata* Latreille, 1798: 46 (w.) FRANCE. Latreille, 1802c: 234 (q.); Mayr, 1855: 463 (m.). Combination in *Manica*: Jurine, 1807: 279; in *Atta*: Mayr, 1855: 462; in *Aphaenogaster*: Roger, 1863b: 29; in *Stenamma (Messor*): Forel, 1902a: 148; in *Messor*: Ruzsky, 1905b: 744. Junior synonym of *barbarus*: Smith, F. 1858b: 162; Emery & Forel, 1879: 461; Nasonov, 1889: 37. Subspecies of *barbarus*: Emery, 1891b: 12; Emery, 1908e: 449; Emery, 1921f: 69; Santschi, 1923f: 325; Santschi, 1925g: 342; Finzi, 1929: 80; Santschi, 1931a: 4. Status as species: Dalla Torre, 1893: 101; Bondroit, 1918: 153; Baroni Urbani, 1964b: 40; Bernard, 1967: 147; Baroni Urbani, 1968b: 427; Baroni Urbani, 1971c: 57; Schembri & Collingwood, 1981: 425. Senior synonym of *nigra*: Menozzi, 1921: 26; Emery, 1922c: 97; of *galbula, huberiana*: Emery, 1921f: 70.

***capreensis****. Messor minor* var. *capreensis* Santschi, 1927c: 234, fig. 17 (w.) ITALY.

***carpathous****. Messor oertzeni* var. *carpathous* Menozzi, 1936d: 277, fig. 6 (w.) GREECE.

*carthaginensis. Messor carthaginensis* Bernard, 1980: 268, fig. (w.) TUNISIA. Junior synonym of *santschii*: Cagniant & Espadaler, 1998: 433.

*castaneus. Veromessor andrei* subsp. *castaneus* Wheeler, W.M. & Creighton, 1934: 365 (w.) U.S.A. Senior synonym of *flavus*: Creighton, 1950a: 159. Junior synonym of *andrei*: Creighton, 1953a: 3.

*caucasicola. Messor caducus* subsp. *caucasicola* Arnol'di, 1977b: 1639 (w.q.m.) CAUCASUS. Junior synonym of *caducus*: Arakelian, 1994: 34.

***caviceps****. Stenamma (Messor) caviceps* Forel, 1902a: 149 (w.) ALGERIA. Combination in *Messor*: Emery, 1908e: 457. Senior synonym of *planiceps*: Délye, 1964: 165; Cagniant & Espadaler, 1998: 432.

***celiae****. Messor celiae* Reyes, 1985: 255, figs. 1-3 (w.m.) SPAIN.

***cephalotes****. Stenamma (Messor) barbarum* subsp. *cephalotes* Emery, 1895a: 179 (w.) ETHIOPIA. Menozzi, 1939c: 102 (q.m.). Combination in *Messor*: Emery, 1908e: 443; in *Sphaeromessor*: Bernard, 1985: 48; in *Messor*: Bolton, 1995b: 253. Raised to species: Emery, 1908e: 443. Senior synonym of *plinii*: Bolton, 1982: 346.

***ceresis****. Messor ceresis* Santschi, 1934d: 274 (w.) LEBANON. See also: Collingwood & Agosti, 1996: 316.

***chamberlini****. Messor chamberlini* Wheeler, W.M. 1915b: 410 (w.) U.S.A. Wheeler, G.C. & Wheeler, J. 1972b: 240 (l.). Combination in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 366; in *Messor*: Bolton, 1982: 341. Subspecies of *andrei*: Enzmann, J. 1947b: 152. Revived status as species: Creighton, 1950a: 159.

***chicoensis****. Veromessor stoddardi* subsp. *chicoensis* Smith, M.R. 1956a: 37 (w.) U.S.A. Combination in *Messor*: Bolton, 1995b: 253. Raised to species: Johnson, R.A. 2000: 96 (in list); Ward, 2005: 66 (in list).

***clarior****. Veromessor julianus* subsp. *clarior* Wheeler, W.M. & Creighton, 1934: 370 (w.) MEXICO. Combination in *Messor*: Bolton, 1995b: 253.

*clivorum. Messor structor* var. *clivorum* Ruzsky, 1905b: 735 (s.w.) KAZAKHSTAN. Karavaiev, 1927a: 286 (q.m.). Subspecies of *barbarus*: Emery, 1908e: 454; Forel, 1910a: 24. Raised to species: Emery, 1921b: 210 (footnote); Dlussky, 1962: 179; Tarbinsky, 1976: 56; Arnol'di, 1977b: 1639. Senior synonym of *rubella*: Emery, 1921b: 210; of *subpolitus*: Tarbinsky, 1976: 56. Junior synonym of *structor*: Dlussky, Soyunov & Zabelin, 1990: 224; Atanassov & Dlussky, 1992: 114.

***clypeatus****. Messor similis* var. *clypeatus* Kuznetsov-Ugamsky, 1927a: 93 (in key) (w.) KAZAKHSTAN. Subspecies of *rufus*: Kuznetsov-Ugamsky, 1929d: 9. Raised to species: Arnol'di, 1977b: 1646.

***collingwoodi****. Messor collingwoodi* Bolton, 1982: 346, fig. 30 (w.) NIGER.

*concolor. Messor semirufus* var. *concolor* Santschi, 1927c: 229 (s.w.m.) SYRIA. [First available use of *Messor barbarus* subsp. *semirufus* var. *concolor* Emery, 1908e: 448; unavailable name.] Subspecies of *semirufus*: Baroni Urbani, 1964a: 1. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy and raised to species: Tohmé, G. & Tohmé, H. 1981: 143. Junior synonym of *wasmanni*: Collingwood & Agosti, 1996: 322.

***crawleyi****. Messor rugosus* st. *crawleyi* Santschi, 1928f: 203 (w.) EGYPT. Raised to species: Collingwood & Agosti, 1996: 316.

*curvispina. Messor barbarus* subsp. *striaticeps* var. *curvispina* Karavaiev, 1912a: 10 (s.w.) ALGERIA. **Unavailable name**; material referred to *striatulus* by Santschi, 1923f: 321 (in text).

*darianus. Messor rufitarsis* subsp. *darianus* Pisarski, 1967: 383 (w.) KAZAKHSTAN. [First available use of *Messor structor* st. *rufitarsis* var. *darianus* Santschi, 1926f: 291; unavailable name.] Junior synonym of *turanicus*: Pisarski, 1967: 383; Pisarski, 1970: 306; Tarbinsky, 1976: 54; Arnol'di, 1977b: 1644 (in all these *darianus* is given seniority over *turanicus*, but the latter is the first available name).

***decipiens****. Messor capensis* st. *decipiens* Santschi, 1917e: 94 (w.q.) SOUTH AFRICA. [First available use *of Stenamma (Messor) barbarum* r. *capense* var. *decipiens* Forel, 1905b: 177; unavailable name.] Raised to species and senior synonym of *arcistriatus, probus*: Bolton, 1982: 348.

***dentatus****. Messor semirufus* var. *dentatus* Santschi, 1927c: 228 (w.q.m.) ISRAEL. [First available use of *Messor barbarus* subsp. *semirufus* var. *dentata* Forel, 1910a: 10; unavailable name.] Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy and raised to species: Tohmé, G. & Tohmé, H. 1981: 143.

***denticornis****. Messor denticornis* Forel, 1910f: 14 (w.q.m.) NAMIBIA. Senior synonym of *brunni, parvidens*: Bolton, 1982: 349.

***denticulatus****. Messor minor* st. *denticulatus* Santschi, 1927d: 247 (w.) KAZAKHSTAN. [First available use of *Messor barbarus* subsp. *meridionalis* var. *denticulatus* Kuznetsov-Ugamsky, 1927a: 90 (in key); unavailable name.] Raised to species: Tarbinsky, 1976: 61; Arnol'di, 1977b: 1641; Arnol'di & Dlussky, 1978: 537 (in key). Material of the unavailable name *glabriusculus* referred here by Dlussky, Soyunov & Zabelin, 1990: 220.

*dentiscapus. Messor barbarus* var. *dentiscapus* Finzi, 1930b: 15 (w.) ALGERIA. [First available use of *Messor barbarus* subsp. *capitatus* var. *dentiscapa* Forel, 1909e: 371; unavailable name.] Material referred to *politus* by Emery, 1922c: 97, hence junior synonym of *politus* as the latter has priority: Bolton, 1995b: 253.

***desertora****. Messor desertora* He & Song, 2009: 722, figs. 1, 2 (w.) CHINA.

***diabarensis****. Messor diabarensis* Arnol'di, 1970a: 75, fig. 2 (s.q.m.) KAZAKHSTAN. [*Messor structor* subsp. *diabarensis* Arnol'di, 1948: 211. *Nomen nudum*.]

***diabolus****. Messor arenarius* var. *diabolus* Santschi, 1938a: 35, fig. 5 (w.) EGYPT.

*donisthorpei. Messor donisthorpei* Santschi, 1937a: 51 (w.q.) NAMIBIA. Junior synonym of *capensis*: Bolton, 1982: 345.

***ebeninus****. Messor semirufus* var. *ebeninus* Santschi, 1927c: 229 (w.) LEBANON. [First available use of *Messor barbarus* subsp. *semirufus* var. *ebenina* Forel, 1910a: 10; unavailable name.] Finzi, 1936: 160 (q.). Raised to species: Tohmé, G. 1971: 569. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy: Tohmé, G. & Tohmé, H. 1981: 142; Collingwood, 1985: 249. See also: Tohmé, G. 1975: 171.

***eglalae.*** *Messor eglalae* Sharaf, in Fadl *et al*. 2007: 239, figs. 5, 6 (w.) EGYPT.

***emeryi****. Messor semirufus* var. *emeryi* Santschi, 1927c: 247 (w.) ISRAEL.

***erectus****. Messor erectus* Espadaler, in Cagniant & Espadaler, 1998: 430, figs. 26, 41 (w.m.) MOROCCO.

***excursionis****. Messor lobuliferus* var. *excursionis* Ruzsky, 1905b: 739 (w.) KAZAKHSTAN. Arnol'di, 1970a: 86 (q.m.). Raised to species: Karavaiev, 1910b: 68. Current subspecies: nominal plus *alaschanicus, sillemi*. See also: Stärcke, 1935: 262; Arnol'di, 1977b: 1646.

*falcistriae. Messor aegyptiacus* st. *striativentris* var. *falcistriae* Santschi, 1939d: 70 (w.m.) ALGERIA. **Unavailable name** (Bolton, 1995b: 254); material referred to *striativentris* by Cagniant & Espadaler, 1998: 429.

***felah****. Messor aegyptiacus* var. *felah* Santschi, 1923f: 321, fig. 1 (s.w.) EGYPT.

***ferreri****. Messor ferreri* Collingwood, 1993: 229, figs. 13-15 (w.) KENYA.

*flavus. Veromessor andrei* subsp. *flavus* Wheeler, W.M. & Creighton, 1934: 366 (w.) U.S.A. Junior synonym of *castaneus*: Creighton, 1950a: 159.

***fodorii****. Messor antennatus* var. *fodorii* Röszler, 1942a: 55 (w.) GREECE. [Also described as new by Röszler, 1951: 92.]

***foreli****. Messor aegyptiacus* var. *foreli* Santschi, 1923f: 322, fig. 1 (w.) TUNISIA. Raised to species: Bernard, 1981b: 143. Senior synonym of *fossulatus*: Cagniant & Espadaler, 1998: 427. Current subspecies: nomial plus *brevispinosus, surcoufi*.

*fossulatus. Messor aegyptiacus* var. *fossulatus* Santschi, 1923f: 323, fig. 1 (w.q.m.) TUNISIA. Subspecies of *aegyptiacus*: Menozzi, 1940: 267. Junior synonym of *foreli*: Cagniant & Espadaler, 1998: 427.

***fraternus****. Messor lobuliferus* var. *fraternus* Ruzsky, 1905b: 740 (w.) RUSSIA. Raised to species: Ruzsky, 1915a: 444.

*galbula. Myrmica galbula* Losana, 1834: 326, pl. 36, fig. 5 (w.) ITALY. Junior synonym of *barbarus*: Roger, 1863b: 29; of *capitatus*: Emery, 1921f: 70.

***galla****. Stenamma (Messor) barbarum* var. *galla* Mayr, 1904b: 5 (w.) ETHIOPIA. [First available use of *Stenamma (Messor) barbarum* subsp. *caduca* var. *galla* Emery, 1895a: 179; unavailable name.] Finzi, 1939a: 155 (q.m.). Combination in *Messor*: Santschi, 1914d: 335. Subspecies of *barbarus*: Santschi, 1910f: 234; Santschi, 1914d: 335. Raised to species: Santschi, 1923f: 326; Santschi, 1928f: 201. Senior synonym of *latinoda*: Viehmeyer, 1923: 87; Bolton, 1982: 350; of *airensis, nobilis, rufula* and material of the unavailable names *armata, rufa, triempressa* referred here: Bolton, 1982: 350. Current subspecies: nominal plus *obscurus*.

***gallaoides****. Messor barbarus* var. *gallaoides* Santschi, 1929e: 141 (s.) MOROCCO. Senior synonym of *nigricans* Santschi, 1929: Cagniant, 2006a: 197.

*gallica. Messor barbarus* subsp. *rufitarsis* var. *gallica* Emery, 1921b: 212 (w.) TURKEY. **Unavailable name** (Bolton, 1995b: 254).

***glabrescens****. Messor caducus* subsp. *glabrescens* Arnol'di, 1977b: 1639 (w.) KAZAKHSTAN.

*glabriusculus. Messor barbarus* subsp. *meridionalis* var. *glabriusculus* Kuznetsov-Ugamsky, 1927a: 90 (w.) KAZAKHSTAN. **Unavailable name**; material referred to *denticulatus* by Dlussky, Soyunov & Zabelin, 1990: 220.

*gracilinodis. Aphaenogaster gracilinodis* Emery, 1878b: 55 (w.) SYRIA. Subspecies of *rufotestaceus*: Emery, 1880: 395. Junior synonym of *rufotestaceus*: Dalla Torre, 1893: 104.

*grandiceps. Messor barbarus* r. *capitatus* var. *grandiceps* Stitz, 1917: 343 (w.) SPAIN. **Unavailable** **name**; material referred to *bouvieri* by Collingwood, 1978: 68.

***grandinidus****. Messor barbarus* subsp. *grandinida* Emery, 1912f: 93 (w.q.m.) TUNISIA. [First available use of *Messor barbarus* st. *meridionalis* var. *grandinida* Santschi, 1910a: 43; unavailable name.] Currently subspecies of *semirufus*: Menozii, 1927: 379; Santschi, 1927c: 231.

*hamulifera. Messor barbarus* subsp. *hamulifera* Karavaiev, 1926b: 99 (s.w.) RUSSIA. Raised to species: Arnol'di, 1948: 211. Junior synonym of *incorruptus*: Arnol'di, 1977b: 1640.

***hebraeus****. Messor semirufus* var. *hebraeus* Santschi, 1927c: 229, fig. 7 (w.) ISRAEL. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy and raised to species: Tohmé, G. & Tohmé, H. 1981: 143.

***hellenius****. Messor hellenius* Agosti & Collingwood, 1987a: 54 (w.q.) GREECE. [First available use of *Messor barbarus* st. *varrialei* var. *hellenis* Santschi, 1926f: 290; unavailable name.]

***hesperius****. Messor minor* var. *hesperius* Santschi, 1927c: 235 (w.q.m.) SPAIN (Canary Is).

***himalayanus****. Stenamma (Messor) barbarum* r. *himalayanum* Forel, 1902c: 221 (s.w.q.m.) INDIA. Combination in *Messor*: Bingham, 1903: 279. Raised to species: Bingham, 1903: 279. Subspecies of *barbarus*: Forel, 1904d: 175; Viehmeyer, 1914b: 40; Emery, 1922c: 95; Kuznetsov-Ugamsky, 1929d: 15. Status as species: Stärcke, 1935: 261; Menozzi, 1939a: 297; Arnol'di, 1977b: 1643.

***hismai****. Messor hismai* Collingwood & Agosti, 1996: 318, fig. 4 (w.) SAUDI ARABIA.

***hispanicus****. Messor barbarus* st. *hispanicus* Santschi, 1919e: 244 (w.) SPAIN. Menozzi, 1922b: 326 (q.); Rodríguez González, Reyes Lopez & Espadaler, 1983: 38 (m.). Subspecies of *structor*: Santschi, 1929e: 144. Raised to species: Santschi, 1927c: 225; Collingwood & Yarrow, 1969: 63.

***hoggarensis****. Messor sublaeviceps* st. *hoggarensis* Santschi, 1929c: 98, fig. 1 (w.q.) ALGERIA. [Also described as new by Santschi, 1934f: 166.] Cagniant & Espadaler, 1998: 427 (m.). Subspecies of *meridionalis*: Bernard, 1948: 140; of *instabilis*: Bernard, 1950b: 285; of *aegyptiacus*: Bernard, 1953a: 142 (in key). Raised to species: Cagniant & Espadaler, 1998: 427.

*huberiana. Formica huberiana* Leach, 1825: 290 (w.q.m.) FRANCE. Junior synonym of *barbarus*: Mayr, 1863: 395; of *capitatus*: Emery, 1921f: 70.

***ibericus****. Messor structor* var. *ibericus* Santschi, 1931a: 4 (w.m.) SPAIN. [First available use of *Messor barbarus* subsp. *structor* var. *iberica* Emery, 1922c: 92; unavailable name.] Raised to species: Collingwood, 1978: 68.

***incisus****. Messor incisus* Stitz, 1923: 149 (q.) NAMIBIA. See also: Bolton, 1982: 351.

***incorruptus****. Messor barbarus* subsp. *incorruptus* Kuznetsov-Ugamsky, 1929d: 16 (w.) KAZAKHSTAN. [First available use of *Messor barbarus* subsp. *aegyptiacus* var. *incorruptus* Ruzsky, 1905b: 751; unavailable name.] Junior synonym of *caducus*: Kolossov, 1932: 118; Donisthorpe, 1941k: 238. Revived from synonymy as subspecies of *semirufus* and senior synonym of *hamulifera*: Arnol'di, 1977b: 1640. Raised to species: Bernard, 1981b: 145; Tohmé‚ G. & Tohmé, H. 1981: 144.

***inermis****. Messor barbarus* subsp. *inermis* Kuznetsov-Ugamsky, 1929d: 21 (w.) KAZAKHSTAN. [First available use of *Messor barbarus* subsp. *meridionalis* var. *inermis* Kuznetsov-Ugamsky, 1927a: 90 (in key); unavailable name.] Raised to species: Tarbinsky, 1976: 65; Arnol'di, 1977b: 1641.

***infumatus****. Messor barbarus* subsp. *infumatus* Kuznetsov-Ugamsky, 1929d: 19 (w.) KAZAKHSTAN. [First available use of *Messor barbarus* subsp. *meridionalis* var. *infumatus* Kuznetsov-Ugamsky, 1927a: 91 (in key); unavailable name.] Subspecies of *meridionalis*: Pisarski, 1967: 384. Raised to species: Tarbinsky, 1976: 57. Currently subspecies of *aralocaspius*: Arnol'di, 1977b: 1642.

***instabilis****. Atta instabilis* Smith, F. 1858b: 163 (w.m.) INDIA. Bingham, 1903: 279 (s.q.). Combination in *Messor*: Bingham, 1903: 278. Subspecies of *capitatus*: Dalla Torre, 1893: 101; of *barbarus*: Bingham, 1903: 278; Forel, 1906b: 86; Emery, 1922c: 94; Emery, 1924a: 8; Karavaiev, 1926b: 100. Status as species: Santschi, 1923f: 325; Santschi, 1927c: 247 (in key); Wheeler, W.M. 1927g: 103; Santschi, 1931a: 4; Santschi, 1936c: 200; Menozzi, 1939a: 297. Senior synonym of *punctata*: Bingham, 1903: 279; Pisarski, 1970: 306.

***intermedius****. Messor semirufus* var. *intermedius* Santschi, 1927c: 229 (w.) SYRIA. [First available use of *Messor barbarus* subsp. *semirufus* var. *intermedia* Forel, 1910a: 10; unavailable name.] Subspecies of *semirufus*: Menozzi, 1927e: 117. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy and raised to species: Arnol'di, 1977b: 1640 (in key). See also: Tohmé, G. & Tohmé, H. 1981: 142; Dlussky & Zabelin, 1985: 211.

*jakowlevi. Messor rufitarsis* subsp. *jakowlevi* Arnol'di, 1977b: 1643 (w.) UKRAINE. [First available use of *Messor barbarus* subsp. *capitatus* var. *jakowlevi* Ruzsky, 1905b: 750; unavailable name.] Material of the unavailable name *salina* referred here by Arnol'di, 1977b: 1643. Junior synonym of *structor*: Dlussky, Soyunov & Zabelin, 1990: 224; Atanassov & Dlussky, 1992: 114.

***julianus****. Aphaenogaster juliana* Pergande, 1894: 164 (w.) MEXICO. Combination in *Stenamma (Messor*): Emery, 1895c: 308; in *Aphaenogaster (Messor*): Forel, 1899c: 59; in *Novomessor*: Emery, 1915d: 73; in *Novomessor (Veromessor*): Forel, 1917: 235; in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 368; in *Messor*: Bolton, 1982: 341. Current subspecies: nominal plus *clarior, manni*. See also: Wheeler, W.M. & Creighton, 1934: 368.

*juvenilis. Formica juvenilis* Fabricius, 1804: 405 (w.) FRANCE. Junior synonym of *barbarus*: Smith, F. 1858b: 162.

*karawajevi. Messor karawajevi* Tarbinsky, 1976: 59 (w.) KAZAKHSTAN. [First available use of *Messor barbarus* st. *clivorum* var. *karawayewi* Santschi, 1917e: 92; unavailable name.] Junior synonym of *rufus*: Arnol'di, 1977b: 1642.

***kasakorum****. Messor kasakorum* Arnol'di, 1970a: 82, fig. 6 (w.m.) KAZAKHSTAN. Current subspecies: nominal plus *nadezhdae*.

***kisilkumensis****. Messor kisilkumensis* Arnol'di, 1970a: 84, figs. 5, 6 (w.q.m.) UZBEKISTAN.

*korborum. Messor barbarus* subsp. *structor* var. *korborum* Emery, 1921b: 214 (s.w.q.) TURKEY. **Unavailable name** (Bolton, 1995b: 255).

*kutteri. Messor semirufus* var. *kutteri* Santschi, 1934d: 275 (w.) ITALY. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227.

***laboriosus****. Messor minor* st. *laboriosus* Santschi, 1927c: 240, fig. 3 (w.q.) KAZAKHSTAN.

*laeviceps. Messor barbarus* r. *meridionalis* var. *laeviceps* Stitz, 1917: 344 (w.) MOROCCO. **Unavailable name** (Bolton, 1995b: 255).

*laevifrons. Messor denticornis* var. *laevifrons* Stitz, 1923: 148 (w.) NAMIBIA. Junior synonym of *tropicorum*: Bolton, 1982: 354.

***lamellicornis****. Messor lamellicornis* Arnol'di, 1968: 1807, figs. 7, 8 (s.w.m.) KAZAKHSTAN.

*lapidum. Formica lapidum* Fabricius, 1804: 407 (w.) AUSTRIA. Junior synonym of *structor*: Nylander, 1856b: 85.

***lariversi****. Veromessor lariversi* Smith, M.R. 1951c: 94 (w.) U.S.A. Cole, 1955c: 52 (q.); Cole, 1963: 680 (m.). Combination in *Messor*: Bolton, 1982: 341.

*latinoda. Messor barbarus* st. *latinoda* Santschi, 1917e: 93, fig. 2 (s.w.) EAST AFRICA. Junior synonym of *galla*: Viehmeyer, 1923: 87; Bolton, 1982: 350.

***laurenti****. Messor lobicornis* var. *laurenti* Santschi, 1939d: 72 (w.) ALGERIA.

***lobicornis****. Messor lobicornis* Forel, 1894d: 31 (w.) ALGERIA. Current subspecies: nominal plus *batnensis, laurenti, normandi, rugulosus, submuticus*. See also: Collingwood & Yarrow, 1969: 64.

***lobognathus****. Messor lobognathus* Andrews, 1916: 82, fig. 1 (w.) U.S.A. Wheeler, G.C. & Wheeler, J. 1957c: 142 (l.); Cole, 1963: 680 (q.m.). Combination in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 371; in *Messor*: Bolton, 1982: 341. See also: Gregg, 1955b: 45.

*lobulifera. Messor barbarus* var. *lobulifera* Emery, 1901i: 159 (w.) MONGOLIA. Santschi, 1925f: 93 (q.m.). Raised to species: Ruzsky, 1905b: 739. [Misspelled as *lobifer* by Santschi, 1925f: 93.] Junior synonym of *aciculatus*: Wheeler, W.M. 1928c: 9 (in text); Wheeler, W.M. 1928d: 107. See also: Santschi, 1928b: 31.

***luebberti****. Messor barbarus* subsp. *luebberti* Forel, 1910f: 13 (w.) NAMIBIA. Raised to species: Emery, 1922c: 99; Bolton, 1982: 351.

***luridus****. Messor luridus* Santschi, 1927c: 245 (w.) TURKEY. [First available use of *Stenamma (Messor) barbarum* subsp. *caducum* var. *lurida* Emery, 1898c: 139; unavailable name.] Current subspecies: nominal plus *virginalis*.

***lusitanicus****. Messor lusitanicus* Tinaut, 1985: 85 (w.q.m.) PORTUGAL. [First available use of *Messor structor* st. *hispanicus* var. *lusitanicus* Santschi, 1929e: 144; unavailable name.]

*macrops. Messor excursionis* var. *macrops* Santschi, 1927d: 248 (w.) KAZAKHSTAN. Junior synonym of *variabilis*: Arnol'di, 1977b: 1646.

***maculifrons****. Messor semirufus* var. *maculifrons* Santschi, 1927c: 228 (w.) SYRIA. [First available use of *Messor barbarus* st. *semirufus* var. *maculifrons* Santschi, 1917e: 91; unavailable name.] Junior synonym of *semirufus*: Baroni Urbani, 1974: 227. Revived from synonymy and raised to species: Tohmé, G. & Tohmé, H. 1981: 143.

***manni****. Veromessor julianus* subsp. *manni* Wheeler, W.M. & Creighton, 1934: 371 (w.) U.S.A. Combination in *Messor*: Bolton, 1995b: 255.

***marikovskii****. Messor marikovskii* Arnol'di, 1970a: 79, figs. 3, 4 (w.q.m.) KAZAKHSTAN. See also: Tarbinsky, 1976: 52.

***marocanus****. Messor minor* st. *marocanus* Santschi, 1927c: 248 (in key) (w.) MOROCCO. [First available use of *Messor barbarus* subsp. *meridionalis* var. *maroccana* Emery, 1908e: 451; unavailable name.] Cagniant & Espadaler, 1998: 426 (m.); Gómez & Espadaler, 2005: 25 (q.). Subspecies of *instabilis*: Santschi, 1929e: 142. Raised to species: Collingwood & Yarrow, 1969: 64.

***maurus****. Messor sublaeviceps* var. *maurus* Santschi, 1927c: 244 (w.q.) TUNISIA. See also: Santschi, 1936c: 200. Currently subspecies of *medioruber*: Bolton, 1995b: 255.

***maurus****. Messor minor* subsp. *maurus* Barquin, 1981: 81 (w.q.) SPAIN (Canary Is). [First available use of *Messor instabilis* st. *minor* var. *maura* Santschi, 1923f: 325 (w.q.); unavailable name.] [**Unresolved junior primary homonym** of *maurus* Santschi, above (Bolton, 1995b: 255).]

***medioruber****. Messor barbarus* st. *mediorubra* Santschi, 1910a: 44 (w.q.m.) TUNISIA. [First available use of *Stenamma (Messor) barbarum* r. *capitatum* var. *mediorubra* Forel, 1905b: 176; unavailable name.] Subspecies of *instabilis*: Santschi, 1923f: 325; of *minor*: Santschi, 1927c: 237. Raised to species: Cagniant, 1968a: 143; Cagniant, 1970a: 415. Senior synonym of *sublaeviceps*: Cagniant & Espadaler, 1998: 426. Current subspecies: nominal plus *maurus, montanus, postquadratus, postpetiolatus*.

***mediosanguineus****. Messor barbarus* subsp. *mediosanguineus* Donisthorpe, 1946a: 53 (s.w.) TURKEY.

*megacephala. Formica megacephala* Leach, 1825: 292 (w.q.m.) FRANCE. [**Unresolved junior primary homonym** of *Formica megacephala* Fabicius, 1793: 361 (now in *Pheidole*).] Junior synonym of *barbarus*: Mayr, 1863: 395.

***melancholicus****. Messor melancholicus* Arnol'di, 1977b: 1639 (s.w.) CAUCASUS. [First available use of *Messor structor* subsp. *striaticeps* var. *melancholica* Karavaiev, 1926b: 104; unavailable name.] Senior synonym of *schelkovnikovi*: Arakelian, 1994: 36.

***meridionalis****. Aphaenogaster barbara* var. *meridionalis* André, 1883b: 355 (w.) GREECE. Ruzsky, 1905b: 747 (m.); Emery, 1908e: 450 (q.). Combination in *Messor*: Emery, 1897f: 239; in *Stenamma (Messor*): Emery, 1898c: 125; in *Messor*: Ruzsky, 1903b: 315; Ruzsky, 1905b: 746. Subspecies of *barbarus*: Emery, 1908e: 450; Forel, 1910a: 24; Santschi, 1921a: 110; of *semirufus*: Santschi, 1927c: 230; Finzi, 1928c: 788; of *minor*: Arnol'di, 1948: 211. Status as species: Bondroit, 1918: 155; Müller, 1923: 64; Collingwood, 1961a: 58; Pisarski, 1970: 306; Tohmé, G. & Tohmé, H. 1981: 144. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227; of *caducus*: Atanassov & Dlussky, 1992: 121. Revived from synonymy, status as species: Collingwood, 1985: 251; Collingwood & Agosti, 1996: 318.

***minor****. Aphaenogaster barbara* var. *minor* André, 1883b: 355 (w.q.) ITALY. Emery, 1908e: 451 (m.). Combination in *Messor*: Emery, 1908e: 451. Subspecies of *capitatus*: Dalla Torre, 1893: 101; of *barbarus*: Emery, 1908e: 451; Forel, 1910a: 9; Santschi, 1921d: 69; Finzi, 1924a: 13; of *instabilis*: Santschi, 1923f: 325. Status as species: Bondroit, 1918: 155; Santschi, 1927c: 232; Kutter, 1927: 99; Santschi, 1934d: 273; Bernard, 1967: 149; Arnol'di, 1977b: 1640. Senior synonym of *pompeianus*: Baroni Urbani, 1971c: 61. Current subspecies: nominal plus *calabricus, capreensis, hesperius, laboriosus*.

*mixtus. Messor semirufus* st. *grandinidus* var. *mixtus* Santschi, 1927c: 232 (w.) TUNISIA. **Unavailable name** (Bolton, 1995b: 255).

***montanus****. Messor sublaeviceps* var. *montanus* Santschi, 1927c: 242 (w.) ALGERIA. Currently subspecies of *medioruber*: Cagniant, 1968a: 143.

***muraywahus****. Messor muraywahus* Collingwood & Agosti, 1996: 319, fig. 6 (w.) SAUDI ARABIA.

***muscatus****. Messor muscatus* Collingwood & Agosti, 1996: 320, fig. 7 (w.) MUSCAT.

*mutica. Myrmica mutica* Nylander, 1849: 39 (w.q.m.) RUSSIA. Combination in *Aphaenogaster*: Roger, 1863b: 29; in *Stenamma (Messor*): Emery, 1898c: 126; in *Messor*: Ruzsky, 1903b: 315. Junior synonym of *structor*: Mayr, 1855: 464; Nylander, 1856b: 85; Smith, F. 1858b: 162. Revived from synonymy as subspecies of *structor*: Emery, 1898c: 126; Ruzsky, 1904b: 4; Bondroit, 1918: 151; Santschi, 1934d: 275. Junior synonym of *rufitarsis*: Bernard, 1967: 144. Revived from synonymy as subspecies of *rufitarsis*: Arnol'di, 1977b: 1643. Revived status as species: Agosti & Collingwood, 1987a: 54. Junior synonym of *structor*: Atanassov & Dlussky, 1992: 114; Radchenko, 2007: 31.

***nadezhdae****. Messor kasakorum* subsp. *nadezhdae* Arnol'di, 1970a: 83 (s.m.) KAZAKHSTAN.

***nahali****. Messor nahali* Tohmé, G. & Tohmé, H. 1981: 151, fig. 22 (w.) SYRIA.

*nigra. Aphaenogaster barbara* var. *nigra* André, 1883b: 355 (w.q.) FRANCE. Emery, 1908e: 447 (m.). Combination in *Stenamma (Messor*): Ruzsky, 1902d: 28; in *Messor*: Emery, 1908e: 446. Junior synonym of *capitatus*: Menozzi, 1921: 26; Emery, 1922c: 97.

*nigricans. Messor barbarus* var. *nigricans* Santschi, 1929e: 142 (q.) MOROCCO. Junior synonym of *gallaoides*: Cagniant, 2006a: 197.

*nigricans. Messor semirufus* var. *nigricans* Santschi, 1932f: 517. Replacement name for *nigriceps* Santschi, 1929e: 144. [Junior primary homonym of *nigriceps* Santschi, 1925g: 341.] [**Unresolved junior primary homonym** of *nigricans* Santschi, above.] Junior synonym of *semirufus*: Baroni Urbani, 1974: 227.

*nigriceps. Messor barbarus* var. *nigriceps* Santschi, 1925g: 341 (w.q.) SPAIN. Junior synonym of *barbarus*: Collingwood, 1978: 68.

*nigriceps. Messor semirufus* var. *nigriceps* Santschi, 1929e: 144 (w.) ISRAEL. [Junior primary homonym of *nigriceps* Santschi, above.] Replacement name: *nigricans* Santschi, 1932f: 517.

*nigriventris. Messor braunsi* var. *nigriventris* Stitz, 1923: 150 (w.) NAMIBIA. Junior synonym of *tropicorum*: Bolton, 1982: 354.

***niloticus****. Messor niloticus* Santschi, 1938a: 36, fig. 6 (s.w.) EGYPT.

*nobilis. Messor galla* st. *nobilis* Santschi, 1928f: 201 (w.q.) ETHIOPIA. Junior synonym of *galla*: Bolton, 1982: 350.

***nondentatus****. Messor nondentatus* He & Song, 2009: 723, figs. 3-4 (w.) CHINA.

***normandi****. Messor lobicornis* st. *normandi* Santschi, 1918a: 37 (w.q.m.) TUNISIA.

*novaki. Messor structor* subsp. *novaki* Finzi, 1929: 92 (w.) YUGOSLAVIA. Junior synonym of *structor*: Atanassov & Dlussky, 1992: 114.

*oblica. Messor sublaeviceps* st. *hoggarensis* var. *oblica* Santschi, 1939d: 72 (w.q.) ALGERIA. **Unavailable name** (Bolton, 1995b: 256).

*obscurior. Messor barbarus* r. *semirufus* var. *obscurior* Crawley, 1920a: 164 (s.w.) IRAQ. **Unavailable name**; material referred to *semirufus* by Baroni Urbani, 1974: 227.

*obscuriventris. Messor barbarus* subsp. *capitatus* var. *obscuriventris* Karavaiev, 1912a: 9 (s.w.) ALGERIA. **Unavailable name** (Bolton, 1995b: 256).

***obscurus****. Messor galla* var. *obscurus* Menozzi & Consani, 1952: 61 (w.) ETHIOPIA. [*Messor galla* var. *obscurus* Menozzi, 1939c: 101. *Nomen nudum*.]

***oertzeni****. Messor oertzeni* Forel, 1910a: 25 (w.) TURKEY. Senior synonym of *amphigea*: Agosti & Collingwood, 1987a: 54. Current subspecies: nominal plus *amasiensis, carpathous*. See also: Atanassov & Dlussky, 1992: 117.

***olegianus****. Messor olegianus* Arnol'di, 1970a: 77, figs. 3, 4 (w.m.) TAJIKISTAN. See also: Tarbinsky, 1976: 62.

***orientalis****. Stenamma (Messor) structor* var. *orientalis* Emery, 1898c: 143 (w.q.m.) TURKEY. Combination in *Messor*: Ruzsky, 1903b: 315. Junior synonym of *structor*: Kuznetsov-Ugamsky, 1929d: 12. Revived from synonymy and raised to species: Collingwood, 1961a: 61. Junior synonym of *darianus*: Pisarski, 1967: 383; Pisarski, 1969b: 306. Revived from synonymy as subspecies of *structor*: Aktaç, 1977: 120. Raised to species: Tohmé, G. & Tohmé, H. 1981: 150; Collingwood, 1985: 251.

*parvidens. Messor denticornis* var. *parvidens* Forel, 1910f: 15 (w.) NAMIBIA. Junior synonym of *denticornis*: Bolton, 1982: 349.

***perantennatus****. Messor perantennatus* Arnol'di, 1970a: 85, figs. 5, 6 (s.m.) KAZAKHSTAN.

***pergandei****. Aphaenogaster pergandei* Mayr, 1886d: 448 (w.) U.S.A. Wheeler, W.M. & Creighton, 1934: 376 (s.q.m.); Wheeler, G.C. & Wheeler, J. 1972b: 240 (l.). Combination in *Stenamma (Messor*): Emery, 1895c: 307; in *Novomessor*: Emery, 1915d: 73; in *N. (Veromessor*): Forel, 1917: 234; in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 374; in *Messor*: Bolton, 1982: 341. See also: Smith, D.R. 1979: 1365.

*persicus. Stenamma (Messor) barbarus* r. *himalayanus* var. *persicus* Forel, 1904d: 175 (w.) IRAN. **Unavailable name** (Bolton, 1995b: 256).

***personatus****. Messor antennatus* st. *personatus* Santschi, 1931a: 3 (w.) MOROCCO.

***phasianicus****. Messor aegyptiacus* var. *phasianica* Bernard, 1953a: 143 (in key) (w.) ALGERIA.

***piceus****. Messor piceus* Stitz, 1923: 150 (w.q.) SOUTH AFRICA. See also: Bolton, 1982: 352.

***picturatus****. Messor sublaeviceps* var. *picturatus* Santschi, 1927c: 243 (w.q.) ALGERIA. [First available use of *Messor barbarus* st. *minor* var. *picturata* Santschi, 1921d: 69; unavailable name.] Santschi, 1939d: 71 (q.m.). Subspecies of *minor*: Cagniant, 1968a: 143; of *medioruber*: Cagniant, 1970a: 415. Raised to species: Collingwood, 1985: 251.

*planiceps. Messor planiceps* Stitz, 1917: 344, fig. 11 (w.) ALGERIA. Junior synonym of *caviceps*: Délye, 1964: 165; Cagniant & Espadaler, 1998: 432.

***platyceras****. Messor platyceras* Crawley, 1920a: 163, pl. 5, fig. 3 (s.w.) IRAN. Subspecies of *clivorum*: Emery, 1921b: 210. Currently subspecies of *structor*: Bolton, 1995b: 256.

*plinii. Messor plinii* Santschi, 1912b: 165 (s.w.) KENYA. Combination in *Sphaeromessor*: Bernard, 1985: 48; in *Messor*: Bolton, 1995b: 256. Subspecies of *cephalotes*: Santschi, 1917e: 94. Junior synonym of *cephalotes*: Bolton, 1982: 346; Bolton, 1995b: 256.

***politus****. Messor barbarus* var. *politus* Karavaiev, 1912a: 6 (s.w.) ALGERIA. Senior synonym of *dentiscapus*: Bolton, 1995b: 256.

*pompeianus. Messor minor* var. *pompeianus* Santschi, 1927c: 233 (w.) ITALY. Finzi, 1929: 86 (q.). Junior synonym of *minor*: Baroni Urbani, 1971c: 61.

***postpetiolatus****. Messor barbarus* st. *postpetiolatus* Santschi, 1917e: 90, fig. 1 (s.w.) TUNISIA. Raised to species: Bernard, 1981b: 143. Currently subspecies of *medioruber*: Cagnaint, 2006a: 197.

***postquadratus****. Messor sublaeviceps* st. *postquadratus* Santschi, 1932f: 516 (w.) ALGERIA. Currently subspecies of *medioruber*: Bolton, 1995b: 256.

*probus. Messor capensis* var. *probus* Wheeler, W.M. 1922a: 805 (w.) SOUTH AFRICA. [First available use of *Messor barbarus* subsp. *capensis* var. *proba* Forel, 1911e: 266; unavailable name.] Junior synonym of *decipiens*: Bolton, 1982: 348.

*pseudoaegyptiaca. Aphaenogaster pseudoaegyptiaca* Emery, 1884a: 384 (w.) SOUTH AFRICA. Arnold, 1920a: 409 (q.m.). Combination in *Stenamma (Messor*): Emery, 1895h: 35; in *Messor*: Santschi, 1917e: 94. Subspecies of *capensis*: Santschi, 1917e: 94. Junior synonym of *capensis*: Bolton, 1982: 345.

*punctata. Aphaenogaster barbara* var. *punctata* Forel, 1886d: 248 (w.) INDIA. Junior synonym of *instabilis*: Bingham, 1903: 279; Pisarski, 1970: 306.

*punctaticeps. Messor barbarus* st. *mediorubra* var. *punctaticeps* Santschi, 1910a: 45 (w.) TUNISIA. **Unavailable name** (Bolton, 1995b: 256).

*punctatohimalayanum. Stenamma (Messor) barbarum* r. *himalayanum* var. *punctatohimalayanum* Forel, 1903a: 695 (w.) INDIA. **Unavailable name** (Bolton, 1995b: 256).

***ratus****. Messor arenarius* var. *ratus* Menozzi, 1933b: 51 (w.) ISRAEL.

***regalis****. Cratomyrmex regalis* Emery, 1892d: 572, pl. 15, fig. 16 (q.) NIGERIA. Santschi, 1913c: 307 (w.). Combination in *Messor (Cratomyrmex*): Santschi, 1920d: 377. Senior synonym of *rubea, sculpturatus*: Bolton, 1982: 352.

***reticuliventris****. Messor barbarus* subsp. *reticuliventris* Karavaiev, 1910b: 67, fig. 33 (w.) KAZAKHSTAN. Raised to species: Collingwood, 1961a: 60; Pisarski, 1967: 384; Pisarski, 1970: 307; Arnol'di, 1977b: 1644.

***risianus****. Messor aciculatus* var. *risiana* Forel, 1922: 93 (w.) CHINA.

*romana. Messor barbarus* st. *structor* var. *romana* Santschi, 1917e: 91 (w.q.) ROMANIA. **Unavailable name** (Agosti & Collingwood, 1987a: 61); material referred to *structor* by Atanassov & Dlussky, 1992: 114.

*rubea. Cratomyrmex regalis* var. *rubea* Santschi, 1913c: 308 (w.) BENIN. [Misspelled as *rubra* by Emery, 1921f: 43.] Junior synonym of *regalis*: Bolton, 1982: 352.

*rubella. Messor platyceras* var. *rubella* Crawley, 1920a: 164 (s.w.m.) IRAN. Junior synonym of *clivorum*: Emery, 1921b: 210.

*rufa. Messor barbarus* subsp. *semirufus* var. *rufa* Forel, 1910c: 250 (w.) ETHIOPIA. **Unavailable name**; material referred to *galla* by Bolton, 1982: 350.

*rufitarsis. Formica rufitarsis* Fabricius, 1804: 406 (w.) AUSTRIA. Combination in *Aphaenogaster*: Roger, 1863b: 29; in *Messor*: Emery, 1921b: 211. Junior synonym of *structor*: Nylander, 1856b: 85; Smith, F. 1858b: 162; Mayr, 1863: 397; Nasonov, 1889: 37; Emery, 1921f: 73. Revived from synonymy as subspecies of *barbarus*: Emery, 1921b: 211. Subspecies of *structor*: Santschi, 1926f: 290; Menozzi, 1933b: 54. Status as species: Röszler, 1942a: 51; Bernard, 1955a: 361 (in key); Bernard, 1967: 144; Baroni Urbani, 1971c: 63; Kutter, 1977c: 82; Arnol'di, 1977b: 1643; Arnol'di & Dlussky, 1978: 537 (in key). Junior synonym of *structor*: Agosti & Collingwood, 1987a: 54; Casevitz-Weulersse, 1990a: 154.

*rufitarsis. Myrmica rufitarsis* Foerster, 1850b: 485 (w.) ALGERIA. [**Unresolved junior primary homonym** of *rufitarsis* Fabricius, above.] Junior synonym of *barbarus*: Roger, 1863b: 29.

***rufotestaceus****. Myrmica rufotestacea* Foerster, 1850b: 489 (w.) ALGERIA. Emery, 1908e: 439 (s.q.); Forel, 1910a: 9 (m.). Combination in *Aphaenogaster*: Roger, 1863b: 30; in *Messor*: Emery, 1908e: 439. Senior synonym of *thoracica*: Roger, 1863b: 30; of *gracilinodis*: Dalla Torre, 1893: 104; Emery, 1921f: 74; Menozzi, 1933b: 56.

*rufula. Messor galla* var. *rufula* Finzi, 1939a: 162 (w.) ETHIOPIA. [First avialable use of *Messor barbarus* r. *semirufus* var. *rufula* Forel, 1918b: 156; unavailable name.] Junior synonym of *galla*: Bolton, 1982: 350.

***rufus****. Messor rufus* Santschi, 1923f: 326 (w.) RUSSIA. [First available use of *Messor barbarus* subsp. *meridionalis* var. *rufa* Karavaiev, 1910a: 272; unavailable name.] Kuznetsov-Ugamsky, 1929d: 7 (q.m.). Subspecies of *minor*: Santschi, 1927c: 240; Santschi, 1927d: 247. Revived status as species: Kuznetsov-Ugamsky, 1929b: 45; Arnol'di, 1977b: 1642. Senior synonym of *similis*: Santschi, 1927d: 248; of *karawajevi*: Arnol'di, 1977b: 1642. Current subspecies: nominal plus *striolatus*.

***ruginodis****. Messor barbarus* r. *ruginodis* Stitz, 1916: 374, fig. 1 (w.) CONGO. Raised to species, *nomen dubium*: Bolton, 1982: 353.

***rugosus****. Aphaenogaster barbara* var. *rugosa* André, 1881b: 75 (w.m.) ISRAEL. Combination in *Messor*: Emery, 1908e: 458. Raised to species: Emery, 1908e: 458. Current subspecies: nominal plus *bodenheimeri*.

*rugosa. Messor lobicornis* var. *rugosa* Karavaiev, 1912a: 10 (w.) ALGERIA. [Junior secondary homonym of *rugosa* André, above.] Replacement name: *rugulosus* Santschi, below.

***rugulosus****. Messor lobicornis* var. *rugulosus* Santschi, 1926e: 234. Replacement name for *rugosa* Karavaiev, 1912a: 10. [Junior secondary homonym of *rugosa* André, 1881b: 75.]

***sahlbergi****. Messor barbarus* r. *sahlbergi* Forel, 1913d: 428 (w.) EGYPT.

*salina. Messor structor* subsp. *striaticeps* var. *salina* Karavaiev, 1937: 172, fig. 1 (s.w.) KAZAKHSTAN. **Unavailable name**; material referred to *jakowlevi* by Arnol'di, 1977b: 1643.

***sanctus****. Messor barbarus* subsp. *sanctus* Emery, 1921f: 71 (w.q.) TUNISIA. [First available use of *Stenamma (Messor) barbarum* r. *capitatum* var. *sancta* Forel, 1905b: 176; unavailable name.] Forel, 1907b: 204 (m.); Karavaiev, 1912a: 7 (q.m.). Subspecies of *minor*: Santschi, 1927c: 235; Finzi, 1929: 88; of *instabilis*: Santschi, 1932c: 70. Raised to species: Bernard, 1956b: 258; Cagniant, 1964: 87; Bernard, 1967: 148.

***sanganus****. Messor sanganus* Collingwood & Agosti, 1996: 320 (w.) YEMEN.

***santschii****. Messor barbarus* var. *santschii* Emery, 1908e: 447 (w.) TUNISIA. [First available use of *Stenamma (Messor) barbarum* r. *capitatum* var. *santschii* Forel, 1905b: 176; unavailable name.] Forel, 1907b: 204 (q.m.); Karavaiev, 1912a: 6 (q.m.). Senior synonym of *carthaginensis*: Cagniant & Espadaler, 1998: 433.

*scalpturata. Myrmica scalpturata* Nylander, 1856b: 83 (w.) ALGERIA. Junior synonym of *arenarius*: Roger, 1862c: 292.

*schelkovnikovi. Messor melancholicus* subsp. *schelkovnikovi* Arnol'di, 1977b: 1639 (w.q.) KAZAKHSTAN. Junior synonym of *melancholicus*: Arakelian, 1994: 36.

*schencki. Messor capensis* var. *schencki* Wheeler, W.M. 1922a: 805 (w.) NAMIBIA. [First available use of *Messor barbarus* subsp. *capensis* var. *schencki* Forel, 1910f: 15; unavailable name.] Junior synonym of *capensis*: Bolton, 1982: 345.

*sculpturatus. Cratomyrmex sculpturatus* Stitz, 1916: 377, fig. 2 (w.) CONGO. Subspecies of *regalis*: Santschi, 1920d: 378 (in text); Wheeler, W.M. 1922a: 802. Junior synonym of *regalis*: Bolton, 1982: 352.

\****sculpturatus****. \*Messor sculpturatus* Carpenter, 1930: 32, pl. 4, fig. 5; pl. 11, fig. 5 (q.) U.S.A. (Oligocene). [**Unresolved junior secondary homonym** of *sculpturatus* Stitz, above (Bolton, 1995b: 257).] Generic combination equivocal: Wheeler, W.M. & Creighton, 1934: 360; Bolton, 1982: 341; *incertae sedis* in *Messor*: Bolton, 1995b: 257.

*semirubra. Messor barbarus* subsp. *instabilis* var. *semirubra* Karavaiev, 1926b: 100 (s.w.q.) RUSSIA. **Unavailable name**; material referred to *caducus* by Arnol'di, 1977b: 1638.

***semirufus****. Aphaenogaster barbara* var. *semirufa* André, 1883b: 355 (w.q.) vicinity of CASPIAN SEA. Combination in *Messor*: Ruzsky, 1905b: 750. Junior synonym of *caducus*: Emery, 1891b: 11. Revived from synonymy as subspecies of *barbarus*: Emery, 1908e: 447; Forel, 1910a: 9; Santschi, 1921a: 110. Raised to species: Santschi, 1927c: 227; Menozzi, 1933b: 52; Collingwood, 1985: 252. Senior synonym of *kutteri, nigricans* and material of the unavailable name *obscurior* referred here: Baroni Urbani, 1974: 227. Current subspecies: nominal plus *emeryi, grandinidus*.

***semoni****. Stenamma (Messor) barbarum* var. *semoni* Forel, 1906c: 190 (footnote) (w.) ALGERIA. Karavaiev, 1912a: 10 (q.). Combination in *Messor*: Emery, 1908e: 452. Raised to species: Cagniant, 1964: 101.

*sevani. Messor clivorum* subsp. *sevani* Arnol'di, 1977b: 1644 (s.w.) CAUCASUS. [First available use of *Messor structor* subsp. *striaticeps* var. *sevany* Karavaiev, 1926b: 103; unavailable name.] Junior synonym of *structor*: Arakelian, 1994: 39.

***sillemi****. Messor excursionis* var. *sillemi* Stärcke, 1935: 262 (w.) KAZAKHSTAN.

*similis. Messor similis* Kuznetsov-Ugamsky, 1927a: 93 (in key) (w.) KYRGYZSTAN. Junior synonym of *rufus*: Santschi, 1927d: 248; of *karawajevi*: Tarbinsky, 1976: 59; of *rufus*: Arnol'di, 1977b: 1642.

***smithi****. Veromessor smithi* Cole, 1963: 678, figs. 1-4 (w.q.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1972b: 240 (l.). Combination in *Messor*: Bolton, 1982: 341.

*sordida. Aphaenogaster (Messor) barbara* r. *sordida* Forel, 1892g: 452 (w.) SPAIN. Santschi, 1917e: 89 (s.). Combination in *Messor*: Emery, 1897f: 239. Subspecies of *barbarus*: Santschi, 1925g: 342 (in key); Wheeler, W.M. 1927g: 104. Raised to species: Bondroit, 1918: 152; Cagniant, 1964: 88; Bernard, 1967: 145. Junior synonym of *barbarus*: Cagniant & Espadaler, 1998: 424.

*splendens. Messor barbarus* subsp. *capitatus* var. *splendens* Karavaiev, 1912a: 8 (s.w.) ALGERIA. **Unavailable name** (Bolton, 1995b: 257).

***stoddardi****. Stenamma (Messor) stoddardi* Emery, 1895c: 307 (w.) U.S.A. Combination in *Novomessor*: Emery, 1915d: 73; in *N. (Veromessor*): Forel, 1917: 235; in *Veromessor*: Wheeler, W.M. & Creighton, 1934: 385; in *Messor*: Bolton, 1982: 341.

***striatellus****. Messor striatellus* Arnol'di, 1970a: 81, figs. 4, 5 (w.) TAJIKISTAN.

***striaticeps****. Aphaenogaster barbara* var. *striaticeps* André, 1883b: 356 (w.) CAUCASUS. Forel, 1890a: lxix (q.); Karavaiev, 1926b: 102 (m.); Wheeler, G.C. & Wheeler, J. 1953b: 68 (l.). Combination in *A. (Messor*): Forel, 1890a: lxix; in *Stenamma (Messor*): Forel, 1902a: 149; Ruzsky, 1902d: 28; in *Messor*: Ruzsky, 1905b: 753. Subspecies of *barbarus*: Forel, 1890a: lxix; Emery, 1891b: 10; Dalla Torre, 1893: 105; of *structor*: Santschi, 1923f: 318; Karavaiev, 1926b: 101; Karavaiev, 1927c: 261. Raised to species: Bernard, 1955a: 355; Cagniant, 1968a: 142; Cagniant, 1970a: 415.

***striatifrons****. Messor denticornis* var. *striatifrons* Stitz, 1923: 149 (w.) NAMIBIA. Raised to species: Bolton, 1982: 353.

***striativentris****. Messor barbarus* subsp. *striativentris* Emery, 1908e: 453 (w.) ALGERIA. [First available use of *Messor barbarus* r. *striaticeps* var. *striativentris* Forel, 1894d: 31; unavailable name.] Subspecies of *aegyptiacus*: Santschi, 1929e: 142; Santschi, 1939d: 69. Raised to species: Santschi, 1923f: 320; Finzi, 1930b: 15; Cagniant, 1966b: 279. Material of the unavailbale name *falcistriae* referred here by Cagniant & Espadaler, 1998: 429.

***striatulus****. Aphaenogaster capitatus* var. *striatula* Emery, 1891b: 11 (in text) (w.) TUNISIA. Cagniant & Espadaler, 1998: 429 (q.m.). Combination in *Messor*: Emery, 1908e: 453. Subspecies of *aegyptiacus*: Santschi, 1936c: 200 (misspelled here as *striatus*). Material of the unavailable name *curvispina* referred here by Santschi, 1923f: 321 (in text). Raised to species: Cagniant & Espadaler, 1998: 429.

***striolatus****. Messor similis* var. *striolatus* Kuznetsov-Ugamsky, 1927a: 92 (in key) (w.) KAZAKHSTAN. Currently subspecies of *rufus*: Kuznetsov-Ugamsky, 1929d: 9.

***structor****. Formica structor* Latreille, 1798: 46 (w.m.) FRANCE. Latreille, 1802c: 237 (q.). Combination in *Manica*: Jurine, 1807: 279; in *Atta*: Mayr, 1855: 464; in *Myrmica*: Nylander, 1856b: 85; in *Aphaenogaster*: Roger, 1863b: 29; in *A. (Messor*): Forel, 1892i: 316; in *Stenamma (Messor*): Emery, 1898c: 126; in *Messor*: Emery, 1897f: 238; Ruzsky, 1903b: 315. Subspecies of *barbarus*: Emery, 1908e: 455; Forel, 1910a: 9; Emery, 1914d: 156; Santschi, 1917e: 91; Menozzi, 1918: 83; Santschi, 1921a: 110; Emery, 1924b: 12. Status as species: Nasonov, 1889: 37; Ruzsky, 1905b: 728; Forel, 1915d: 35; Bondroit, 1918: 150; Finzi, 1924a: 13; Menozzi, 1926b: 181; Kuznetsov-Ugamsky, 1927a: 92; Finzi, 1930d: 312; Karavaiev, 1934: 108; Bernard, 1967: 144; Baroni Urbani, 1971c: 66. Senior synonym of *aedificator*: Mayr, 1855: 464; of *mutica*: Mayr, 1855: 464; Nylander, 1856b: 85; Smith, F. 1858b: 162; Atanassov & Dlussky, 1992: 114; Radchenko, 2007: 31; of *lapidum*: Nylander, 1856b: 85; of *tyrrhena*: Emery, 1921b: 210; of *rufitarsis*: Nylander, 1856b: 85; Smith, F. 1858b: 162; Mayr, 1863: 397; Nasonov, 1889: 37; Emery, 1921f: 73; Agosti & Collingwood, 1987a: 54; Casevitz-Weulersse, 1990a: 154; Atanassov & Dlussky, 1992: 115; of *clivorum* (and its junior synonyms *rubella, subpolitus*), *jakowlevi, tataricus, turanicus* (and its junior synonym *darianus*) and material of the unavailable name *romana* referred here: Dlussky, Soyunov & Zabelin, 1990: 224; of *novaki, varrialei*: Atanassov & Dlussky, 1992: 114; of *sevani*: Arakelian, 1994: 39. Current subspecies: nominal plus *aegaeus, platyceras, tadzhikorum*.

***subgracilinodis****. Messor subgracilinoclis* Arnol'di, 1970a: 73, fig. 1 (w.q.) RUSSIA. Spelling emended to *subgracilinodis*: Arnol'di, 1970a: 87 (caption of fig. 1); Arnol'di, 1977b: 1642.

*sublaeviceps. Messor sublaeviceps* Santschi, 1927c: 241 (w.q.) TUNISIA. [First available use of *Messor barbarus* st. *meridionalis* var. *sublaeviceps* Santschi, 1910a: 45; unavailable name.] Subspecies of *medioruber*: Cagniant, 1970a: 416. Junior synonym of *medioruber*: Cagniant & Espadaler, 1998: 426.

***submuticus****. Messor lobicornis* var. *submutica* Emery, 1908e: 459 (w.) TUNISIA.

*subpolitus. Messor structor* var. *subpolitus* Kuznetsov-Ugamsky, 1927a: 92 (in key) (w.) KAZAKHSTAN. Junior synonym of *clivorum*: Tarbinsky, 1976: 56.

***sultanus****. Messor barbarus* var. *sultana* Santschi, 1917e: 89 (w.) ISRAEL. Tohmé, G. & Tohmé, H. 1981: 149 (q.m.). Subspecies of *barbarus*: Emery, 1922c: 95; Santschi, 1925g: 342 (in key); Santschi, 1927c: 246. Raised to species: Tohmé, G. & Tohmé, H. 1981: 148; Agosti & Collingwood, 1987a: 54.

***surcoufi****. Messor aegyptiacus* var. *surcoufi* Santschi, 1923f: 324 (w.) ALGERIA. Currently subspecies of *foreli*: Cagniant & Espadaler, 1998: 428.

***syriacus****. Messor syriacus* Tohmé, G. 1969: 9 (w.m.) SYRIA. [First available use of *Messor minor* st. *laboriosus* var. *syriacus* Santschi, 1927c: 241; unavailable name.] Tohmé, G. & Tohmé, H. 1981: 146 (m.q.). Subspecies of *minor*: Arnol'di, 1977b: 1640; Arakelian, 1994: 37. Revived status as species: Tohmé, G. & Tohmé, H. 1981: 145; Collingwood, 1985: 252.

***tadzhikorum****. Messor rufitarsis* subsp. *tadzhikorum* Arnol'di, 1970a: 79 (s.w.q.) TAJIKISTAN. Currently subspecies of *structor*: Bolton, 1995b: 257.

*tamerlani. Messor minor* st. *aralocaspius* var. *tamerlani* Santschi, 1927c: 240 (w.) KAZAKHSTAN. **Unavailable name**; material referred to *aralocaspius* by Dlussky, Soyunov & Zabelin, 1990: 218.

*tataricus. Messor tataricus* Ruzsky, 1905b: 738 (w.) KAZAKHSTAN. Subspecies of *clivorum*: Arnol'di, 1977b: 1644. Junior synonym of *structor*: Dlussky, Soyunov & Zabelin, 1990: 224; Atanassov & Dlussky, 1992: 114.

***testaceus****. Messor testaceus* Donisthorpe, 1950c: 68 (s.w.) TURKEY.

***thebaicus****. Messor arenarius* st. *thebaicum* Santschi, 1912b: 164 (s.w.) EGYPT.

*thoracica. Atta thoracica* Mayr, 1862: 742, pl. 19, fig. 12 (w.) SYRIA. Junior synonym of *rufotestaceus*: Roger, 1863b: 30.

*tingitanus. Messor barbarus* st. *sordidus* var. *tingitanus* Emery, in Santschi, 1925g: 342 (in key) (w.) MOROCCO. **Unavailable name** (Bolton, 1995b: 258).

***timidus****. Messor timidus* Espadaler, 1997a: 153 (s.w.q.) SPAIN.

*triempressa. Messor barbarus* st. *galla* var. *triempressa* Santschi, 1917e: 92 (w.) CHAD. **Unavailable name**; material referred to *galla* by Bolton, 1982: 350.

***tropicorum****. Messor capensis* var. *tropicorum* Wheeler, W.M. 1922a: 805 (w.) ANGOLA. [First available use of *Messor barbarus* subsp. *capensis* var. *tropicorum* Forel, 1910e: 444; unavailable name.] Raised to species and senior synonym of *laevifrons, nigriventris*: Bolton, 1982: 354.

***tunetinus****. Messor aegyptiacus* var. *tunetinus* Santschi, 1923f: 321 (w.) TUNISIA. [First available use of *Messor barbarus* subsp. *aegyptiaca* var. *tunetina* Emery, 1922c: 96; unavailable name.] Finzi, 1930b: 14 (q.).

*turanicus. Messor structor* subsp. *turanicus* Kuznetsov-Ugamsky, 1927a: 91 (in key) (w.) UZBEKISTAN. Senior synonym of *darianus*: Pisarski, 1967: 383; Pisarski, 1970: 306; Tarbinsky, 1976: 54; Arnol'di, 1977b: 1644 (all these authors give *darianus* as the senior name, but *turanicus* has priority). Junior synonym of *structor*: Dlussky, Soyunov & Zabelin, 1990: 224.

***turcmenochorassanicus****. Messor clivorum* subsp. *turcmenochorassanicus* Arnol'di, 1977b: 1639 (w.q.) KAZAKHSTAN. Raised to species: Dlussky, Soyunov & Zabelin, 1990: 227.

*tyrrhena. Stenamma (Messor) structor* var. *tyrrhena* Emery, 1898c: 141 (w.q.m.) ITALY. Combination in *Messor*: Emery, 1908e: 456. Junior synonym of *structor*: Emery, 1921b: 210.

***valentinae****. Messor valentinae* Arnol'di, 1970a: 75, fig. 1 (s.w.) TAJIKISTAN. See also: Tarbinsky, 1976: 64.

***variabilis****. Messor variabilis* Kuznetsov-Ugamsky, 1927a: 94 (w.) KAZAKHSTAN. Arnol'di, 1970a: 87 (m.). Senior synonym of *macrops*: Arnol'di, 1977b: 1646.

*varrialei. Messor barbarus* subsp. *varrialei* Emery, 1921b: 215, fig. 6 (s.) TURKEY. Junior synonym of *structor*: Atanassov & Dlussky, 1992: 114.

***vaucheri****. Messor vaucheri* Emery, 1908e: 441, fig. 2 (w.) MOROCCO.

***vicinus****. Messor vicinus* Kuznetsov-Ugamsky, 1927a: 94 (in key) (w.) KAZAKHSTAN.

***virginalis****. Messor luridus* var. *virginalis* Santschi, 1927c: 245 (w.) SYRIA.

*vizir. Messor barbarus* st. *sultana* var. *vizir* Santschi, 1927c: 246 (w.) GREECE. **Unavailable name** (Bolton, 1995b: 258).

***wasmanni****. Messor barbarus* subsp. *wasmanni* Krausse, 1910: 524 (w.) ITALY (Sardinia). [Also described as new by Krausse, 1911: 15.] Finzi, 1929: 83 (q.); Finzi, 1933: 163 (m.). Subspecies of *semirufus*: Santschi, 1927c: 230; Finzi, 1928c: 788; Finzi, 1930d: 312; of *meridionalis*: Baroni Urbani, 1964b: 30; Baroni Urbani, 1968b: 434. Junior synonym of *semirufus*: Baroni Urbani, 1974: 227; of *meridionalis*: Collingwood, 1978: 68. Revived from synonymy and raised to species: Casevitz-Weulersse, 1990a: 154. Senior synonym of *concolor*: Collingwood & Agosti, 1996: 322.

*werneri. Messor barbarus* subsp. *varrialei* var. *werneri* Finzi, 1928c: 789 (w.) GREECE. **Unavailable name** (Bolton, 1995b: 258).

*METACYLINDROMYRMEX*: see under ***CYLINDROMYRMEX***.

***METAPONE***

***bakeri****. Metapone bakeri* Wheeler, W.M. 1916b: 10, fig. 1 (q.) PHILIPPINES. See also: Wheeler, W.M. 1919h: 186.

***emersoni****. Metapone emersoni* Gregg, 1958: 115, fig. 2 (w.) MADAGASCAR. See also: Alpert, 2007: 10.

***gracilis****. Metapone gracilis* Wheeler, W.M. 1935b: 38 (q.) PHILIPPINES.

***greeni****. Metapone greeni* Forel, 1911h: 449, pl. 14, figs. 1-10 (w.q.m.l.) SRI LANKA. See also: Emery, 1912b: 95; Wheeler, W.M. 1919h: 179; Wheeler, G.C. & Wheeler, J. 1953d: 186.

***hewitti****. Metapone hewitti* Wheeler, W.M. 1919e: 62 (m.) BORNEO.

***jacobsoni****. Metapone jacobsoni* Crawley, 1924: 389 (q.) INDONESIA (Sumatra).

***johni****. Metapone johni* Karavaiev, 1933b: 115, fig. 10 (w.q.m.) SRI LANKA.

***krombeini****. Metapone krombeini* Smith, M.R. 1947d: 76 (q.) NEW GUINEA.

***leae****. Metapone leae* Wheeler, W.M. 1919h: 183, figs. 3, 4 (q.) AUSTRALIA.

***madagascarica****. Metapone madagascarica* Gregg, 1958: 111, fig. 1 (w.q.) MADAGASCAR. Alpert, 2007: 11 (m., ergatoid m.).

***mjobergi****. Metapone mjobergi* Forel, 1915b: 36 (w.q.) AUSTRALIA. See also: Wheeler, W.M. 1919h: 181.

***nicobarensis****. Metapone nicobarensis* Tiwari & Jonathan, 1986b: 150, fig. 1 (w.q.) INDIA (Nicobar Is).

***quadridentata****. Metapone quadridentata* Eguchi, 1998: 605, figs. 1-3 (w.q.l.) BORNEO.

***sauteri****. Metapone sauteri* Forel, 1912m: 763 (q.) TAIWAN. [Also described as new by Forel, 1913f: 189.] See also: Wheeler, W.M. 1919h: 182.

***tillyardi****. Metapone tillyardi* Wheeler, W.M. 1919h: 187, fig. 6 (w.) AUSTRALIA.

***tricolor****. Metapone tricolor* McAreavey, 1949: 4, figs. 17-19 (q.) AUSTRALIA.

***truki****. Metapone truki* Smith, M.R. 1953d: 135 (w.) TRUK I.

***vincimus.*** *Metapone vincimus* Alpert, 2007: 11, figs. 1, 2, 7, 8, 13, 14 (w.q. and w.-q. intercaste) MADAGASCAR.

\****MIANEURETUS***

\****eocenicus****. \*Mianeuretus eocenicus* Dlussky & Rasnitsyn, 2002: 414, figs. 1, 2 (q.) U.S.A. (Eocene).

\****mirabilis****. \*Mianeuretus mirabilis* Carpenter, 1930: 38, pl. 3, fig. 5; pl. 10, fig. 1 (q.) U.S.A. (Oligocene).

*MICCOSTRUMA*: see under ***STRUMIGENYS***.

*MICROBOLBOS*: see under ***LEPTOGENYS***.

***MICRODACETON***

***exornatum****. Microdaceton exornatum* Santschi, 1913g: 478 (w.) SOUTH AFRICA. [Also described as new by Santschi, 1914e: 33.] Arnold, 1948: 225 (q.). Senior synonym of *laevior, leakeyi*: Bolton, 1983: 402. See also: Bolton, 2000: 28.

*laevior. Microdaceton exornatum* var. *laevior* Arnold, 1948: 225 (w.q.) SOUTH AFRICA. Junior synonym of *exornatum*: Bolton, 1983: 402.

*leakeyi. Microdaceton leakeyi* Patrizi, 1947: 219, figs. 1, 2 (q.) KENYA. Bernard, 1953b: 253 (w.). Junior synonym of *exornatum*: Bolton, 1983: 402.

***tanyspinosum****. Microdaceton tanyspinosum* Bolton, 2000: 28, figs. 27, 30 (w.) CAMEROUN.

***tibialis****. Microdaceton tibialis* Weber, 1952a: 30, fig. 25 (w.) DEMOCRATIC REPUBLIC OF CONGO. See also: Bolton, 1983: 403; Bolton, 2000: 29.

***viriosum****. Microdaceton viriosum* Bolton, 2000: 29, figs. 24, 28, 32 (w.q.) UGANDA.

*MICROMYRMA*: see under ***TAPINOMA***.

*MICTOPONERA*: see under ***GNAMPTOGENYS***.

\****MIOMYRMEX***

\****impactus****. \*Formica impacta* Cockerell, 1927: 165 (q.) U.S.A. (Oligocene). Combination in \**Miomyrmex*: Carpenter, 1930: 52.

\****striatus****. \*Miomyrmex striatus* Carpenter, 1930: 54, pl. 8, fig. 6; pl. 10, fig. 9 (w.m.) U.S.A. (Oligocene).

\****MIOSOLENOPSIS***

\****fossilis****. \*Miosolenopsis fossilis* Zhang, 1989: 264, fig. 270 (q.) CHINA (Miocene).

*MITARA*: see under ***MONOMORIUM***.