***STREBLOGNATHUS***

***aethiopicus****. Ponera aethiopica* Smith, F. 1858b: 91, pl. 6, figs. 19, 20 (w.) SOUTH AFRICA. Emery, 1899e: 468 (m.); Wheeler, G.C. & Wheeler, J. 1989b: 53 (l.). Combination in *Streblognathus*: Mayr, 1862: 716. See also: Arnold, 1915: 41; Robertson, 2002: 10.

***peetersi****. Streblognathus peetersi* Robertson, 2002: 11, figs. 1, 2, 3b, 3d, 4 (w.m.) SOUTH AFRICA.

***STRONGYLOGNATHUS***

***afer****. Strongylognathus afer* Emery, 1884a: 380 (footnote) (q.) ALGERIA. Forel, 1900e: 279 (w.); Santschi, 1910d: 71 (m.). Subspecies of *huberi*: Medina, 1889: 31; Dalla Torre, 1893: 130; Forel, 1900e: 279. Revived status as species: Santschi, 1910d: 71; Emery, 1924d: 285; Bolton, 1976: 305. Senior synonym of *foreli*: Sanetra & Güsten, 2001: 4.

***alboini****. Strongylognathus huberi* subsp. *alboini* Finzi, 1924b: 121 (w.) ITALY. Baroni Urbani, 1969c: 141 (q.m.). Raised to species: Baroni Urbani, 1969c: 141; Kutter, 1977c: 161.

***alpinus****. Strongylognathus huberi* subsp. *alpinus* Wheeler, W.M. 1909g: 178, fig. 1 (w.q.m.) SWITZERLAND. Hauschteck, 1962: 219 (k.). Subspecies of *huberi*: Kutter, 1920a: 528; Kutter, 1923: 387. Raised to species: Bondroit, 1918: 111; Baroni Urbani, 1969c: 140. See also: Kutter, 1977c: 165; Sanetra, Güsten & Schulz, 1999: 337.

***arnoldii****. Strongylognathus arnoldii* Radchenko, 1985a: 1514, fig. 1 (w.q.m.) RUSSIA.

*barnassarensis. Strongylognathus testaceus* subsp. *barnassarensis* Arnol'di, 1948: 211. *Nomen* *nudum*.

*bulgaricus. Strongylognathus rehbinderi* subsp. *bulgaricus* Pisarski, 1966: 515 (w.q.m.) BULGARIA. [First available use of *Strongylognathus huberi* subsp. *rehbinderi* var. *bulgarica* Viehmeyer, 1922: 211; unavailable name.] Raised to species: Bolton, 1976: 306; Atanassov & Dlussky, 1992: 158. Synonym of *kratochvili*: Pisarski, 1966: 515. [Pisarski gives *bulgaricus* as senior synonym, but *kratochvili* has priority: Bolton, 1995b: 395.]

***caeciliae****. Strongylognathus caeciliae* Forel, 1897a: 132 (q.) SPAIN. Forel, 1900e: 287 (m.); Baroni Urbani, 1969c: 138 (w.). Subspecies of *afer*: Emery, 1909d: 712; Wheeler, W.M. 1909g: 186. Revived status as species: Baroni Urbani, 1969c: 138.

*cecconii. Strongylognathus huberi* subsp. *cecconii* Emery, 1916b: 199 (q.) ITALY. [First available use of *Strongylognathus huberi* subsp. *rehbinderi* var. *cecconii* Emery, 1908d: 24; unavailable name.] Raised to species: Baroni Urbani, 1969c: 133. Junior synonym of *destefanii*: Sanetra, Güsten & Schulz, 1999: 340.

***chelifer****. Strongylognathus cheliferus* Radchenko, 1985a: 1516, fig. 2 (q.m.) RUSSIA.

***christophi****. Strongylognathus christophi* Emery, 1889a: 439 (q.) RUSSIA. Forel, 1900e: 280 (w.); Radchenko, 1985a: 1519 (m.). Subspecies of *huberi*: Emery, 1898c: 145; Emery, 1909d: 709; Wheeler, W.M. 1909g: 186; Emery, 1924d: 285. Status as species: Forel, 1904c: 1; Ruzsky, 1905b: 545; Pisarski, 1966: 510; Bolton, 1976: 305; Tarbinsky, 1976: 116; Radchenko, 1985a: 1519. Senior synonym of *ruzskyi*: Radchenko, 1991: 88.

***dalmaticus****. Strongylognathus dalmaticus* Baroni Urbani, 1969c: 154, figs. 2-4 (w.) CROATIA.

***destefanii****. Strongylognathus destefanii* Emery, 1915a: 263 (q.) ITALY (Sicily). Donisthorpe, 1927a: 6 (w.). Material of the unavailable name *kutteri* referred here by Baroni Urbani, 1964b: 54. Senior synonym of *cecconii, emeryi*: Sanetra, Güsten & Schulz, 1999: 340.

*diabaransis. Strongylognathus rehbinderi* subsp. *diabaransis* Arnol'di, 1948: 211. *Nomen nudum*.

*diveri. Strongylognathus diveri* Donisthorpe, 1936c: 113, figs. 1, 2, 7 (w.) GREAT BRITAIN. Junior synonym of *testaceus*: Brown, 1955c: 113.

*emarginatus. Myrmus emarginatus* Schenck, 1853: 188 (w.) GERMANY. Junior synonym of *testaceus*: Mayr, 1853d: 390.

*emeryi. Strongylognathus emeryi* Menozzi, 1921: 30, fig. 3 (q.) ITALY. Junior synonym of *destefanii*: Sanetra, Güsten & Schulz, 1999: 340.

*foreli. Strongylognathus huberi* subsp. *foreli* Emery, 1924d: 286 (w.) ALGERIA. [First available use of *Strongylognathus huberi* subsp. *huberi* var. *foreli* Emery, 1909d: 709; unavailable name.] Subspecies of *huberi*: Kutter, 1923: 388. Raised to species: Bolton, 1976: 308. Junior synonym of *afer*: Sanetra & Güsten, 2001: 4.

*gallica. Strongylognathus gallica* Bondroit, 1918: 111 (w.) FRANCE. [First available use of *Strongylognathus huberi* subsp. *huberi* var. *gallica* Emery, 1909d: 709; unavailable name.] Subspecies of *huberi*: Kutter, 1923: 388. Junior synonym of *huberi*: Baroni Urbani, 1962: 132.

***huberi****. Strongylognathus huberi* Forel, 1874: 71 (see also: 94) (w.) SWITZERLAND. André, 1885: 851 (q.); Forel, 1900e: 277 (m.); Hauschteck, 1962: 213 (k.). Senior synonym of *gallica*: Baroni Urbani, 1962: 132. See also: Emery, 1916b: 201; Baroni Urbani, 1969c: 137; Sanetra, Güsten & Schulz, 1999: 335.

*hyrcanus. Strongylognathus rehbinderi* subsp. *hyrcanus* Arnol'di, 1948: 211. *Nomen nudum*.

***insularis****. Strongylognathus insularis* Baroni Urbani, 1968b: 470, figs. 38, 39 (w.) MALTA.

***italicus****. Strongylognathus huberi* subsp. *italica* Finzi, 1924a: 14 (q.) ITALY. Raised to species: Bolton, 1976: 308.

***kabakovi****. Strongylognathus kabakovi* Radchenko & Dubovikoff, 2011: 808, figs. 1, 3, 5 (q.) AFGHANISTAN.

***karawajewi****. Strongylognathus karawajewi* Pisarski, 1966: 521, figs. 40-43 (w.) UKRAINE. Radchenko, 1991: 88 (m.). See also: Radchenko, 1985a: 1519.

***kervillei****. Strongylognathus kervillei* Santschi, 1921a: 113 (w.) TURKEY.

***koreanus****. Strongylognathus koreanus* Pisarski, 1966: 519, figs. 36-39 (w.) KOREA.

***kratochvili****. Strongylognathus kratochvili* Silhavy, 1937: 5, 6 figs. (w.q.) CZECHOSLOVAKIA. Synonym of *bulgaricus*: Pisarski, 1966: 515. [Pisarski gives *bulgaricus* as senior name, but *kratochvili* has priority: Bolton, 1995b: 395.]

*kutteri. Strongylognathus huberi* st. *cecconii* var. *kutteri* Santschi, 1927a: 58 (q.) ITALY (Sicily). **Unavailable name**; material referred to *destefanii* by Baroni Urbani, 1964b: 54.

***minutus****. Strongylognathus minutus* Radchenko, 1991: 84, fig. 1 (w.q.m.) TURKMENIA.

***palaestinensis****. Strongylognathus palaestinensis* Menozzi, 1933b: 75, fig. 5 (q.) ISRAEL.

***pisarskii****. Strongylognathus pisarskii* Poldi, 1994: 187, fig. 1 (w.) ITALY.

***potanini****. Strongylognathus potanini* Radchenko, 1995e: 57, figs. 1-5 (q.m.) CHINA.

***rehbinderi****. Strongylognathus christophi* var. *rehbinderi* Forel, 1904c: 2 (w.) CAUCASUS. Emery, 1909d: 710 (q.); Pisarski, 1966: 512 (m.). Subspecies of *huberi*: Emery, 1909d: 710; Wheeler, W.M. 1909g: 186. Raised to species: Arnol'di, 1948: 211; Pisarski, 1966: 512; Arnol'di & Dlussky, 1978: 546.

*ruzskyi. Strongylognathus huberi* subsp. *ruzskyi* Emery, 1909d: 711 (w.) RUSSIA. Radchenko, 1985a: 1517 (q.m.). Raised to species: Bolton, 1976: 309; Arnol'di & Dlussky, 1978: 546; Dlussky & Zabelin, 1985: 233. Junior synonym of *christophi*: Radchenko, 1991: 88.

*scabrinodoides. Strongylognathus scabrinodoides* Sadil, 1953c: 207. *Nomen nudum*.

***silvestrii****. Strongylognathus silvestrii* Menozzi, 1936d: 292, fig. 14 (w.q.) GREECE.

***testaceus****. Eciton testaceum* Schenck, 1852: 117 (w.q.m.) GERMANY. Combination in *Strongylognathus*: Mayr, 1853d: 390. Senior synonym of *emarginatus*: Mayr, 1853d: 390; of *diveri*: Brown, 1955c: 113. See also: Baroni Urbani, 1971c: 151; Kutter, 1977c: 166; Atanassov & Dlussky, 1992: 156; Sanetra, Güsten & Schulz, 1999: 343.

***tylonus****. Strongylognathus tylonum* Wei, Xu & He, 2001: 69, figs. 1, 2 (w.) CHINA.

*SULCOMYRMEX*: see under ***TETRAMORIUM***.

*SYLLOPHOPSIS*: see under ***MONOMORIUM***.

*SYMBIOMYRMA*: see under ***MYRMICA***.

*SYMMYRMICA*: see under ***FORMICOXENUS***.

*SYMPHEIDOLE*: see under ***PHEIDOLE***.

*SYNSOLENOPSIS*: see under ***SOLENOPSIS***.

\****SYNTAPHUS***

\****wheeleri****. \*Syntaphus wheeleri* Donisthorpe, 1920: 84, pl. 5, figs. 1, 2 (q.) GREAT BRITAIN (Oligocene).

*SYNTERMITOPONE*: see under ***PACHYCONDYLA***.

*SYSCIA*: see under ***CERAPACHYS***.

*SYSPHINGTA*: see under ***PROCERATIUM***.

***TALARIDRIS***

***mandibularis****. Talaridris mandibularis* Weber, 1941a: 185, figs. 1-3 (w.q.) TRINIDAD. Combination in *Basiceros*: Baroni Urbani & De Andrade, 2007: 92. See also: Brown & Kempf, 1960: 241.

*TAMMOTECA*: see under ***GNAMPTOGENYS***.

*TANAEMYRMEX*: see under ***CAMPONOTUS***.

***TANIPONE***

***aglandula****. Tanipone aglandula* Bolton & Fisher, 2012: 81, figs. 86-88 (w.) MADAGASCAR.

***aversa****. Tanipone aversa* Bolton & Fisher, 2012: 84, figs. 89-91 (w.) MADAGASCAR.

***cognata****. Tanipone cognata* Bolton & Fisher, 2012: 86, figs. 92-94 (ergatoid q.) MADAGASCAR.

***hirsuta****. Tanipone hirsuta* Bolton & Fisher, 2012: 87, figs. 82, 83, 95-97 (w.) MADAGASCAR.

***maculata****. Tanipone maculata* Bolton & Fisher, 2012: 89, figs. 98-100 (w. ergatoid q.) MADAGASCAR.

***pilosa****. Tanipone pilosa* Bolton & Fisher, 2012: 91, figs. 101-103 (w.) MADAGASCAR.

***scelesta****. Tanipone scelesta* Bolton & Fisher, 2012: 93, figs. 104-106 (w. ergatoid q.) MADAGASCAR.

***subpilosa****. Tanipone subpilosa* Bolton & Fisher, 2012: 95, figs. 107-109 (w.) MADAGASCAR.

***varia****. Tanipone varia* Bolton & Fisher, 2012: 97, figs. 110-112 (w.) MADAGASCAR.

***zona****. Tanipone zona* Bolton & Fisher, 2012: 98, figs. 84, 85, 113-115 (w.m.) MADAGASCAR.

***TAPINOLEPIS***

***angolensis****. Anoplolepis (Mesanoplolepis) trimeni* var. *angolensis* Santschi, 1930b: 72 (w.) ANGOLA. Combination in *Tapinolepis*: Bolton, 2003: 268.

***biskrensis****. Anoplolepis (Anoplolepis) simulans* var. *biskrensis* Karavaiev, 1931a: 309 (w.) ALGERIA. Combination in *Tapinolepis*: Bolton, 2003: 268.

***bothae****. Plagiolepis bothae* Forel, 1907g: 86 (q.m.) KENYA. Combination in *Plagiolepis (Anacantholepis)*: Wheeler, W.M. 1922: 930; in *Anoplolepis*: Emery, 1925b: 17; in *Tapinolepis*: Bolton, 2003: 268.

***candida****. Anoplolepis (Tapinolepis) candida* Santschi, 1928f: 210 (w.) SOUTH AFRICA. Combination in *Tapinolepis*: Bolton, 2003: 268.

***deceptor****. Plagiolepis (Anoplolepis) deceptor* Arnold, 1922: 597 (w.) ZIMBABWE. Combination in *Anoplolepis*: Emery, 1925b: 17; in *Anoplolepis (Mesanoplolepis*): Santschi, 1926a: 14; in *Tapinolepis*: Bolton, 2003: 268.

***decolor****. Plagiolepis decolor* Emery, 1895h: 44 (w.) SOUTH AFRICA. Forel, 1910f: 23 (q.m.). Combination in *Plagiolepis (Anoplolepis*): Arnold, 1922: 599; in *Anoplolepis*: Emery, 1925b: 17; in *Anoplolepis (Mesanoplolepis*): Santschi, 1926a: 14; in *Tapinolepis*: Bolton, 2003: 268.

***karrooensis****. Plagiolepis (Anoplolepis) trimeni* var. *karrooensis* Arnold, 1922: 597 (w.q.) SOUTH AFRICA. Combination in *Anoplolepis*: Emery, 1925b: 18; in *Tapinolepis*: Bolton, 2003: 268.

***litoralis****. Anoplolepis (Mesanoplolepis) litoralis* Arnold, 1958: 124 (w.) ZIMBABWE. Combination in *Tapinolepis*: Bolton, 2003: 268.

***longitarsis****. Anoplolepis longitarsis* Collingwood & Agosti, 1996: 362 (w.) YEMEN. Combination in *Tapinolepis*: Bolton, 2003: 268.

***macgregori****. Plagiolepis (Anoplolepis) macgregori* Arnold, 1922: 598 (w.) ZIMBABWE. Combination in *Anoplolepis*: Emery, 1925b: 17; in *Tapinolepis*: Bolton, 2003: 268.

***macrophthalma****. Anoplolepis macrophthalma* Arnold, 1962: 844, fig. 1 (w.q.m.) ZIMBABWE. Combination in *Tapinolepis*: Bolton, 2003: 268.

***mediterranea****. Plagiolepis mediterranea* Mayr, 1866a: 493 (w.) EGYPT. Combination in *Anoplolepis*: Emery, 1925b: 17; in *Tapinolepis*: Bolton, 2003: 268.

***melanaria****. Plagiolepis (Anoplolepis) melanaria* Arnold, 1922: 599 (w.) ZIMBABWE. Combination in *Anoplolepis*: Emery, 1925b: 18; in *Anoplolepis (Mesanoplolepis*): Santschi, 1926a: 14; in *Tapinolepis*: Bolton, 2003: 268. Current subspecies: nominal plus *ochraceotincta*.

***ochraceotincta****. Anoplolepis (Mesanoplolepis) melanaria* subsp. *ochraceotincta* Arnold, 1949: 268 (w.) ZIMBABWE. Combination in *Tapinolepis*: Bolton, 2003: 268.

***pernix****. Plagiolepis (Anoplolepis) pernix* Viehmeyer, 1923: 92 (w.) SUDAN. Combination in *Anoplolepis*: Emery, 1925b: 18; in *Tapinolepis*: Bolton, 2003: 268.

***simulans****. Plagiolepis simulans* Santschi, 1908: 531, fig. 11 (w.q.m.) TUNISIA. Combination in *Plagiolepis (Anoplolepis*): Santschi, 1914b: 123; in *Anoplolepis*: Emery, 1925b: 18; in *Anoplolepis (Mesanoplolepis*): Santschi, 1926a: 14; in *Tapinolepis*: Bolton, 2003: 268. . Current subspecies: nominal plus *biskrensis*.

***trimenii****. Plagiolepis trimenii* Forel, 1895g: 430 (w.) SOUTH AFRICA. Arnold, 1922: 596 (q.). Combination in *Plagiolepis (Anoplolepis*): Arnold, 1922: 595; in *Anoplolepis*: Emery, 1925b: 18; in *Anoplolepis (Mesanoplolepis*): Santschi, 1930b: 72; in *Tapinolepis*: Bolton, 2003: 268. Current subspecies: nominal plus *angolensis, karrooensis*.

***tumidula****. Plagiolepis (Anoplolepis) tumidula* Emery, 1915g: 19, fig. 10 (w.m.) ETHIOPIA. Combination in *Anoplolepis (Tapinolepis*): Emery, 1925b: 18; in *Tapinolepis*: Bolton, 2003: 268.

***TAPINOMA***

***aberrans****. Technomyrmex aberrans* Santschi, 1911e: 127 (q.) MADAGASCAR. Combination in *Tapinoma*: Fisher, in Bolton, 2007a: 120.

\****aberrans****. \*Tapinoma aberrans* Dlussky, in Dlussky & Perkovsky, 2002: 8, fig. 2 (m.) UKRAINE (Rovno Amber). [**Unresolved junior secondary homonym** of *aberrans* Santschi, above.]

***acuminatum****. Tapinoma acuminatum* Forel, 1907g: 85 (w.q.) KENYA.

***albinase****. Technomyrmex nigriventris* subsp. *albinasis* Forel, 1910f: 22 (w.) SOUTH AFRICA. Combination in *Tapinoma*: Bolton, 2007a: 121. Raised to species: Bolton, 2007a: 121.

*albitarse* Motschoulsky, 1863; see under ***TECHNOMYRMEX***.

***albomaculatum****. Technomyrmex albomaculatus* Karavaiev, 1926d: 444, fig. 12 (q.) INDONESIA (Sulawesi). Combination in *Tapinoma*: Bolton, 2007a: 121.

***amazone****. Tapinoma amazonae* Wheeler, W.M. 1934g: 185 (w.) BRAZIL.

*ambiguum. Tapinoma erraticum* subsp. *ambiguum* Emery, 1925d: 57, fig. 9 (w.q.m.) FRANCE. Junior synonym of *erraticum*: Baroni Urbani, 1964b: 55. Revived from synonymy and raised to species: Kutter, 1977c: 181; Arnol'di & Dlussky, 1978: 547; Seifert, 1984a: 151. Junior synonym of *madeirense*: Wetterer, Espadaler, *et al*. 2007: 24.

*anale* André, 1893; see under ***FORELIUS***.

***andamanense****. Tapinoma andamanensis* Forel, 1903d: 407 (q.) INDIA (Andaman Is). Current subspecies: nominal plus *capsincola*.

***annandalei****. Zatapinoma annandalei* Wheeler, W.M. 1928a: 20, fig. 1 (s.w.) INDIA. Combination in *Tapinoma*: Shattuck, 1992c: 152.

***annellatum****. Tapinoma ramulorum* subsp. *annellatum* Wheeler, W.M. 1934g: 180 (w.q.) COSTA RICA.

***antarcticum****. Tapinoma antarcticum* Forel, 1904c: 17 (w.q.) CHILE. Senior synonym of *eidmanni*: Menozzi, 1935c: 321; Goetsch & Menozzi, 1935: 98; of *fazi*: Menozzi, 1935c: 321.

***arnoldi****. Tapinoma arnoldi* Forel, 1913a: 139 (w.) ZIMBABWE. Arnold, 1915: 154 (q.m.). Current subspecies: nominal plus *tectum*.

***atomum****. Formica atomus* Latreille, 1798: 44 (w.) FRANCE. Combination in *Tapinoma*: Roger, 1863b: 13. Junior synonym of *erraticum*: Roger, 1863b: 13. Revived from synonymy as subspecies of *erraticum*: Dalla Torre, 1893: 165; Emery, 1913a: 40.

***atriceps****. Tapinoma (Micromyrma) atriceps* Emery, 1888c: 363 (w.q.m.) BRAZIL. Current subspecies: nominal plus *breviscapum*.

*australis. Tapinoma (Micromyrma) melanocephalum* var. *australis* Santschi, 1928a: 53 (w.) SAMOA. Junior synonym of *melanocephalum*: Wilson & Taylor, 1967: 80.

*australe. Tapinoma (Micromyrma) melanocephalum* var. *australe* Santschi, 1928e: 475 (w.) VANUATU. Junior synonym of *melanocephalum*: Bolton, 1995b: 399. [Note. Shattuck, 1994: 148 treats *australis* and *australe* as variant spellings, but the type-localities of the two are different and the names must be treated as separate.]

*azerbeidzhanica. Tapinoma simrothi* subsp. *azerbeidzhanica* Karavaiev, 1932: 248, fig. 1 (w.m.) AZERBAIJAN. Junior synonym of *karavaievi*: Dlussky, Soyunov & Zabelin, 1990: 170.

\****baculum****. \*Tapinoma baculum* Zhang, 1989: 283, fig. 284 (caste?) CHINA (Miocene).

***bevisi****. Tapinoma danitschi* var. *bevisi* Forel, 1915c: 346 (w.q.m.) SOUTH AFRICA.

*bononiensis. Tapinoma erraticum* var. *bononiensis* Emery, 1925d: 55 (w.q.) ITALY. Junior synonym of *erraticum*: Atanassov & Dlussky, 1992: 192.

*boreale. Tapinoma boreale* Roger, 1863a: 165 (w.q.) NORTH AMERICA. Subspecies of *sessile*: Dalla Torre, 1893: 164; Ruzsky, 1925b: 45; Ruzsky, 1936: 95. Senior synonym of *boreale* Provancher: Dalla Torre, 1893: 164. Junior synonym of *sessile*: Mayr, 1886d: 434; Creighton, 1950a: 353. [Note. Many publications refer to *T. boreale* Mayr, 1886d: 434, for example Creighton, 1950a: 342. This reference is to *T. boreale* Roger as redescribed by Mayr; there is no *T. boreale* Mayr.]

*boreale. Tapinoma boreale* Provancher, 1887: 238 (w.q.) CANADA. Junior primary homonym and junior synonym of *boreale* Roger: Dalla Torre, 1893: 164.

*breve. Tapinoma breve* Emery, 1925d: 60, fig. 12 (w.) KAZAKHSTAN. Subspecies of *erraticum*: Kuznetsov-Ugamsky, 1927d: 34. Junior synonym of *erraticum*: Dlussky, Soyunov & Zabelin, 1990: 169.

***breviscapum****. Tapinoma atriceps* var. *breviscapa* Forel, 1908c: 384 (w.q.) BRAZIL.

***broomense****. Tapinoma minutum* var. *broomensis* Forel, 1915b: 83 (w.q.) AUSTRALIA.

*caerulescens. Formica caerulescens* Losana, 1834: 314, fig. 3 (w.) ITALY. Junior synonym of *erraticum*: Mayr, 1865: 62.

*canalis. Tapinoma canalis* Wheeler, W.M. 1942: 251 (w.q.m.) PANAMA. Junior synonym of *panamense*: Shattuck, 1992c: 153.

***capsincola****. Tapinoma andamanense* subsp. *capsincola* Forel, 1911b: 205 (w.q.) INDONESIA (Java).

***carininotum****. Tapinoma carininotum* Weber, 1943c: 379, pl. 16, fig. 32 (w.) SUDAN.

*cearense. Tapinoma ramulorum* r. *inrectum* var. *cearense* Forel, 1912h: 57 (w.m.) BRAZIL. **Unavailable name** (Shattuck, 1994: 156).

*cearensis. Tapinoma ramulorum* v. *cearensis* Forel, 1908e: 64. *Nomen nudum*.

***cephalicum****. Tapinoma (Micromyrma) minutum* var. *cephalicum* Santschi, 1928e: 472, fig. 1 (w.q.m.) AUSTRALIA.

***chiaromontei****. Tapinoma chiaromontei* Menozzi, 1930b: 113, fig. 4 (w.) SOMALIA.

***christophi****. Tapinoma christophi* Emery, 1925d: 60, fig. 13 (m.) RUSSIA.

*collina. Tapinoma collina* Foerster, 1850a: 43 (w.q.) GERMANY. Junior synonym of *erraticum*: Schenck, 1852: 67.

*confusum. Tapinoma confusum* Smith, M.R. 1951a: 837. Unnecessary replacement name for *dufouri* Donisthorpe, 1943f: 662. [Unnecessary replacement name for *pygmaea* Dufour, 1857: 61.] Junior synonym of *pygmaeum*: Smith, M.R. 1951a: 837.

***connexum****. Tapinoma luridum* st. *connexum* Santschi, 1914b: 118, fig. 22 (w.m.) KENYA.

***coronatum****. Tapinoma melanocephalum* var. *coronatum* Forel, 1908b: 62 (w.) COSTA RICA.

***cubaense****. Tapinoma litorale* var. *cubaensis* Wheeler, W.M. 1913b: 498 (w.) CUBA.

***dagestanicum****. Tapinoma emeryanum* subsp. *dagestanicum* Kuznetsov-Ugamsky, 1927d: 36 (w.) KAZAKHSTAN.

***danitschi****. Tapinoma danitschi* Forel, 1915c: 345 (w.) SOUTH AFRICA. Current subspecies: nominal plus *bevisi*.

*darwinianus* Forel, 1907; see under ***DOLEROMYRMA***.

***demissum****. Tapinoma demissum* Bolton, 1995b: 400. Replacement name for *Tapinoma gracile* Forel, 1913a: 140. [Junior secondary homonym of *Formica gracilis* Buckley, 1866: 158.]

*dimmocki. Bothriomyrmex dimmocki* Wheeler, W.M. 1915b: 417 (w.q.) U.S.A. Combination in *Tapinoma*: Emery, 1925e: 19. Unidentifiable taxon; *incertae sedis* in Dolichoderinae: Smith, D.R. 1979: 1422. Junior synonym of *sessile*: Shattuck, 1992c: 153.

*dufourii* Perris, 1878 [*Micromyrma*]; see under ***PLAGIOLEPIS***.

*dufouri. Micromyrma dufouri* Donisthorpe, 1943f: 662. Unnecessary replacement name for *Micromyrma pygmaea* Dufour, 1857: 61. [Junior primary homonym of *dufourii* Perris, above.] Replacement name (unnecessary): *Tapinoma confusum* Smith, M.R. 1951a: 837.

*eidmanni. Forelius eidmanni* Goetsch, 1933: 28, attributed to Menozzi, fig. 2 (w.q.) CHILE. Junior synonym of *antarcticum*: Menozzi, 1935c: 321; Goetsch & Menozzi, 1935: 98.

\****electrinum****. \*Tapinoma electrinum* Dlussky, in Dlussky & Perkovsky, 2002: 9, fig. 3 (w.m.) UKRAINE (Rovno Amber).

***emeryanum****. Tapinoma emeryanum* Kuznetsov-Ugamsky, 1927d: 35 (w.q.m.) KAZAKHSTAN. Subspecies of *sinense*: Dlussky, 1962: 180. Revived status as species: Tarbinsky, 1976: 119. Current subspecies: nominal plus *dagestanicum*.

***emeryi****. Aphomyrmex emeryi* Ashmead, 1905a: 111 (q.) PHILIPPINES. [Name of genus a misspelling of *Aphomomyrmex*.] Combination in *Pseudaphomomyrmex*: Wheeler, W.M. 1920: 53; in *Tapinoma*: Fisher & Bolton, 2007: 66. See also: LaPolla & Longino, 2006: 305.

*emeryi. Technomyrmex luteus* subsp. *emeryi* Forel, 1910e: 447 (w.m.) SOUTH AFRICA. Arnold, 1915: 153 (q.). Combination in *Tapinoma*: Emery, 1913a: 42. [Junior secondary homonym of *emeryi* Ashmead, above.] Replacement name: *natalicum* Özdikmen, 2010c: 987. See also: Fisher & Bolton, 2007: 66.

***epinotale****. Tapinoma epinotalis* Karavaiev, 1935a: 109, fig. 27 (w.) VIETNAM.

***erraticum****. Formica erratica* Latreille, 1798: 44 (w.q.m.) FRANCE. Wheeler, G.C. & Wheeler, J. 1951: 197 (l.). Combination in *Tapinoma*: Smith, F. 1855a: 111. Senior synonym of *collina*: Schenck, 1852: 67; of *glabrella*: Smith, F. 1855a: 111; Mayr, 1855: 373; Radchenko, 2007: 38; of *caerulescens*: Mayr, 1865: 62; of *breve*, *tauridis* and *transcaucasica*: Dlussky, Soyunov & Zabelin, 1990: 169; of *bononiensis*: Atanassov & Dlussky, 1992: 192. Current subspecies: nominal plus *atomum, platyops*. See also: Emery, 1925d: 53; Kutter, 1977c: 181; Seifert, 1984a: 151; Shattuck, 1994: 143; Seifert, 2012a: 144.

*erraticonigerrima. Tapinoma nigerrima* var. *erraticonigerrima* Forel, 1894d: 13 (w.q.m.) ALGERIA. *Nomen nudum*. [*Nomen nudum* repeated in Forel, 1902a: 154; Forel, 1904b: 376; Forel, 1904c: 12.] See also: Emery, 1925d: 49.

*familiaris. Formica familiaris* Smith, F. 1860b: 96 (w.) INDONESIA (Batjan I.). [**Unresolved junior primary homonym** of *Formica familiaris* Smith, F. 1860a: 68 (now in *Pseudolasius*).] Junior synonym of *melanocephalum*: Forel, 1899c: 101.

*fazi. Tapinoma fazi* Santschi, 1923c: 270 (w.m.) CHILE. Junior synonym of *antarcticum*: Menozzi, 1935c: 321.

***festae****. Tapinoma simrothi* subsp. *festae* Emery, 1925d: 51, fig. 4 (q.m.) GREECE. Raised to species: Lush, 2009: 114.

*fida* Forel, 1907; see under ***DOLEROMYRMA***.

***flavidum****. Tapinoma flavidum* André, 1892b: 51 (w.) BORNEO.

*flavipes* Smith, F. 1874; see under ***NYLANDERIA***.

***fragile****. Tapinoma fragile* Smith, F. 1876a: 447 (w.) MAURITIUS (Rodrigues I.).

*fullawayi. Prenolepis minutula* subsp. *atomus* var. *fullawayi* Wheeler, W.M. 1912a: 46 (w.) GUAM I. **Unavailable name**; material referred to *minutum* by Wilson & Taylor, 1967: 82.

*fulvum* Wheeler, W.M. 1934; see under ***TECHNOMYRMEX***.

***funiculare****. Tapinoma (Micromyrma) funiculare* Santschi, 1928b: 35 (w.) VIETNAM.

***geei****. Tapinoma geei* Wheeler, W.M. 1927d: 8 (w.) CHINA. Current subspecies: nominal plus *tinctum*.

***gibbosum****. Tapinoma gibbosum* Stitz, 1933: 70, fig. 2 (w.) BRAZIL.

*glabrata* Smith, F. 1857; see under ***ANONYCHOMYRMA***.

*glabrella. Formica glabrella* Nylander, 1849: 38 (footnote) (w.) RUSSIA. Junior synonym of *erraticum*: Smith, F. 1855a: 111; Mayr, 1855: 373; Radchenko, 2007: 38.

***glaucum****. Semonius glaucus* Viehmeyer, 1916a: 144 (w.) SINGAPORE. Combination in *Tapinoma*: Shattuck, 1992c: 152.

*gracilis. Formica gracilis* Buckley, 1866: 158 (w.q.) U.S.A. [**Unresolved junior primary homonym** of *Formica gracilis* Fabricius, 1804: 405 (now in *Pseudomyrmex*).] Junior synonym of *sessile*: Emery, 1895c: 337; Wheeler, W.M. 1902f: 20.

*gracile. Tapinoma gracile* Forel, 1913a: 140 (w.) ZIMBABWE. [Junior secondary homonym of *gracilis* Buckley, above.] Replacement name: *demissum* Bolton, 1995b: 400.

***heyeri****. Tapinoma heyeri* Forel, 1902e: 296 (footnote), pl. 1, fig. 11 (w.) BRAZIL. Current subspecies: nominal plus *risii*.

*ibericum. Tapinoma nigerrima* var. *ibericum* Santschi, 1925g: 349 (m.) SPAIN. Junior synonym of *nigerrimum*: Collingwood, 1978: 71.

***indicum****. Tapinoma indicum* Forel, 1895e: 472 (w.) INDIA. Viehmeyer, 1916a: 142 (q.m.); Imai, Baroni Urbani, *et al*. 1984: 8 (k.). Combination in *T. (Micromyrma*): Santschi, 1928e: 473. Subspecies of *melanocephalum*: Forel, 1909d: 228. Revived status as species: Emery, 1913a: 41; Wheeler, W.M. 1919e: 100; Karavaiev, 1926d: 441; Santschi, 1928e: 473. Current subspecies: nominal plus *timidum*.

***inrectum****. Tapinoma inrectum* Forel, 1908b: 63 (w.) COSTA RICA. Currently subspecies of *ramulorum*: Forel, 1912h: 57.

*instabilis* Smith, F. 1862; see under ***AZTECA***.

***integrum****. Tapinoma minutum* var. *integrum* Forel, 1902h: 476 (w.) AUSTRALIA. Forel, 1915b: 83 (q.).

***israele****. Tapinoma erraticum* r. *israelis* Forel, 1904c: 16 (w.) ISRAEL. Emery, 1925d: 58 (q.). Raised to species: Emery, 1925d: 58.

*javanum* Forel, 1905; see under ***TECHNOMYRMEX***.

***karavaievi****. Tapinoma simrothi* subsp. *karavaievi* Emery, 1925d: 52, fig. 5 (w.q.m.) KAZAKHSTAN. Raised to species: Arnol'di & Dlussky, 1978: 547. Senior synonym of *azerbeidzhanica*: Dlussky, Soyunov & Zabelin, 1990: 170.

***kinburni****. Tapinoma kinburni* Karavaiev, 1937: 174, figs. 3, 4 (w.) UKRAINE. Radchenko, 1983: 1905 (q.m.).

***krakatauae****. Iridomyrmex krakatauae* Wheeler, W.M. 1924b: 252 (w.) INDONESIA (Krakatau I.). Combination in *Tapinoma*: Heterick & Shattuck, 2011: 166. See also: Shattuck, 1992a: 15.

***latifrons****. Iridomyrmex latifrons* Karavaiev, 1933a: 305, fig. 1 (w.) INDONESIA (Java). Combination in *Tapinoma*: Heterick & Shattuck, 2011: 167. See also: Shattuck, 1992a: 15.

*laurenti* Emery, 1899; see under ***TECHNOMYRMEX***.

***litorale****. Tapinoma litorale* Wheeler, W.M. 1905b: 109 (w.q.m.) BAHAMAS. Current subspecies: nominal plus *cubaense*.

***longiceps****. Tapinoma luridum* subsp. *longiceps* Wheeler, W.M. 1922a: 209 (w.) DEMOCRATIC REPUBLIC OF CONGO.

***luffae****. Neoclystopsenella luffae* Kurian, 1955: 133, figs. 249-255 (m.) INDIA. Combination in *Tapinoma*: Brown, 1988a: 337.

***lugubre****. Tapinoma gracile* var. *lugubre* Santschi, 1917b: 288 (w.m.) ZIMBABWE. Raised to species: Arnold, 1926: 222.

***luridum****. Tapinoma luridum* Emery, 1908b: 188 (w.) DEMOCRATIC REPUBLIC OF CONGO. Current subspecies: nominal plus *connexum, longiceps, sokolovi*.

***luteum****. Technomyrmex luteus* Emery, 1895h: 43 (w.) SOUTH AFRICA. Mayr, 1907b: 18 (q.); Wheeler, G.C. & Wheeler, J. 1966: 730 (l.). Combination in *Tapinoma*: Mayr, 1907b: 18. Current subspecies: nominal plus *natalicum*.

*maculata. Tapinoma maculata* Clouse, 2007b: 208. *Nomen nudum*.

***madeirense****. Tapinoma erraticum* var. *madeirense* Forel, 1895d: 231 (w.) PORTUGAL (Madeira I.). Emery, 1925d: 56 (q.). Raised to species and senior synonym of *ambiguum*: Wetterer, Espadaler, *et* *al*. 2007: 24. See also: Seifert, 2012a: 142.

*magnum. Tapinoma magnum* Mayr, 1861: 41 (q.m.) ITALY. Junior synonym of *nigerrimum*: Forel, 1876: 61.

***malesianum****. Tapinoma melanocephalum* var. *malesianum* Forel, 1913k: 93 (w.q.) INDONESIA (Sumatra).

***melanocephalum****. Formica melanocephala* Fabricius, 1793: 353 (w.) FRENCH GUIANA. Emery, 1887a: 249 (m.); Forel, 1891b: 102 (q.); Wheeler, G.C. & Wheeler, J. 1951: 197 (l.); Crozier, 1970: 119 (k.). Combination in *Micromyrma*: Roger, 1862b: 258; in *Tapinoma*: Mayr, 1862: 651; in *Tapinoma (Micromyrma*): Santschi, 1928e: 475. Senior synonym of *pellucida*: Mayr, 1886c: 359; of *nana*: Emery, 1892b: 166; of *familiaris*: Forel, 1899c: 101; of *australis*: Wilson & Taylor, 1967: 80; of *australe*: Bolton, 1995b: 401. Current subspecies: nominal plus *coronatum, malesianum*. See also: Smith, D.R. 1979: 1421; Shattuck, 1994: 148.

*menozzii* Donisthorpe, 1936; see under ***TECHNOMYRMEX***.

*meridionale* Roger, 1863; see under ***BOTHRIOMYRMEX***.

***minimum****. Tapinoma minimum* Mayr, 1895: 147 (w.q.) TANZANIA.

***minor****. Tapinoma minor* Bernard, 1945: 135 (w.) MOROCCO.

\****minutissimum****. \*Tapinoma minutissimum* Emery, 1891a: 153, pl. 3, figs. 24, 25 (m.) SICILIAN AMBER (Oligocene).

***minutum****. Tapinoma minutum* Mayr, 1862: 703 (w.) AUSTRALIA. Wheeler, W.M. 1909a: 27 (q.). Combination in *T. (Micromyrma*): Santschi, 1928e: 472. Material of the unavailable name *fullawayi* referred here by Wilson & Taylor, 1967: 82. Current subspecies: nominal plus *broomense, cephalicum, integrum*.

***modestum****. Tapinoma (Micromyrma) modestum* Santschi, 1932a: 390 (w.) ZIMBABWE.

***muelleri****. Tapinoma muelleri* Karavaiev, 1926d: 441 (w.) INDONESIA (Aru I.).

*nana. Formica nana* Jerdon, 1851: 125 (w.) INDIA. [**Unresolved junior primary homonym** of *Formica nana* Latreille, 1802c: 263.] Junior synonym of *melanocephalum*: Emery, 1892b: 166.

***natalicum****. Tapinoma luteum natalicum* Özdikmen, 2010c: 987. Replacement name for *emeryi* Forel, 1910e: 447. [Junior secondary homonym of *emeryi* Ashmead, 1905a: 111.]

***nigerrimum****. Formica nigerrima* Nylander, 1856b: 71 (w.) FRANCE. [**Unresolved junior primary homonym** of *Formica nigerrima* Christ, 1791: 513 (now in *Lasius*) (Bolton, 1995b: 401).] Emery, 1869b: 10 (q.m.); Wheeler, G.C. & Wheeler, J. 1951: 199 (l.). Combination in *Tapinoma*: Mayr, 1861: 41. Junior synonym of *erraticum*: Mayr, 1865: 62. Revived from synonymy as subspecies of *erraticum*: Emery & Forel, 1879: 454. Subspecies of *erraticum*: André, 1882b: 224; Forel, 1902a: 154; Forel, 1904b: 376; Ruzsky, 1905b: 478; Emery, 1916b: 215; Finzi, 1924a: 14; Kutter, 1928: 65. Status as species: Ruzsky, 1902d: 20; Bondroit, 1918: 89; Emery, 1925d: 46; Finzi, 1930d: 316; Santschi, 1931a: 10; Bernard, 1967: 258; Kutter, 1977c: 181. Senior synonym of *magnum*: Forel, 1876: 61; of *ibericum*: Collingwood, 1978: 71. Junior synonym of *erraticum*: Dlussky, Soyunov & Zabelin, 1990: 169; Atanassov & Dlussky, 1992: 192; Bolton, 1995b: 401. Revived from synonymy: Shattuck, 1994: 150; Casevitz-Weulersse & Galkowski, 2009: 478; Seifert, 2012a: 145.

*nigrum* Mayr, 1862; see under ***TECHNOMYRMEX***.

*nitens* Mayr, 1853; see under ***PRENOLEPIS***.

*nitida* Smith, F. 1860; see under ***CAMPONOTUS***.

***opacum****. Tapinoma opacum* Wheeler, W.M. & Mann, 1914: 43 (w.m.) HAITI.

***orthocephalum****. Tapinoma orthocephalum* Stitz, 1934: 3, fig. 1 (w.) MONGOLIA.

*pallipes* Smith, F. 1876; see under ***TECHNOMYRMEX***.

***panamense****. Tapinoma panamense* Wheeler, W.M. 1934g: 182 (w.q.m.) PANAMA. Senior synonym of *canalis*: Shattuck, 1992c: 153.

*parva. Formica parva* Buckley, 1866: 159 (w.) U.S.A. Junior synonym of *sessile*: Mayr, 1886d: 434.

*pellucida. Myrmica pellucida* Smith, F. 1857a: 71 (w.) SINGAPORE. Junior synonym of *melanocephalum*: Mayr, 1886c: 359.

***philippinense****. Tapinoma philippinensis* Donisthorpe, 1942b: 69 (q.) PHILIPPINES.

***phoeniceum****. Tapinoma simrothi* var. *phoenicea* Emery, 1925d: 50, fig. 3 (w.q.m.) CYPRUS. See also: Shattuck, 1994: 154.

*piceata* Norton, 1868; see under ***CAMPONOTUS***.

***platyops****. Tapinoma erraticum* var. *platyops* Emery, 1925d: 56, fig. 7 (w.q.m.) SWITZERLAND.

*polita* Smith, F. 1855; see under ***PRENOLEPIS***.

***pomone****. Tapinoma pomonae* Donisthorpe, 1947a: 285 (w.) MAURITIUS.

*pratensis* Smith, F. 1860; see under ***TECHNOMYRMEX***.

*pruinosum* Roger, 1863; see under ***FORELIUS***.

*pusillum* Mayr, 1876; see under ***ARNOLDIUS***.

***pygmaeum****. Micromyrma pygmaea* Dufour, 1857: 61 (w.) FRANCE. Espadaler, 1978: 122 (q.m.). Combination in *Tapinoma*: Roger, 1859: 240; in *T. (Micromyrma*): Menozzi, 1925a: 17. Junior synonym of *erraticum*: Dalla Torre, 1893: 165; Emery, 1913a: 40. Revived from synonymy: Menozzi, 1925a: 17; Emery, 1925d: 62. Senior synonym of *confusum*: Smith, M.R. 1951a: 837. See also: Smith, M.R. 1958c: 141; Kutter, 1977c: 182.

***ramulorum****. Tapinoma ramulorum* Emery, 1896g: 101 (w.q.m.) COSTA RICA. Current subspecies: nominal plus *annellatum, inrectum, saga, satullum, toltecum*. See also: Wheeler, W.M. 1934g: 178.

***rasenum****. Tapinoma rasenum* Smith, D.R. & Lavigne, 1973: 182, figs. 1-6 (w.m.) PUERTO RICO.

***rectinotum****. Tapinoma rectinotum* Wheeler, W.M. 1927d: 8 (w.) CHINA.

*revolutionis. Tapinoma erraticum* subsp. *ambiguum* var. *revolutionis* Karavaiev, 1927c: 273 (w.q.m.) RUSSIA. **Unavailable name** (Shattuck, 1994: 156).

*rhodesiae* Forel, 1913; see under ***TECHNOMYRMEX***.

***risii****. Tapinoma heyeri* var. *risii* Forel, 1912h: 58 (w.) URUGUAY.

*rottnestense* Wheeler, W.M. 1934; see under ***DOLEROMYRMA***.

***saga****. Tapinoma ramulorum* var. *saga* Forel, 1912h: 58 (w.q.) TRINIDAD.

***satullum****. Tapinoma ramulorum* var. *satullum* Wheeler, W.M. 1934g: 179 (w.) MEXICO.

***schreiberi****. Tapinoma schreiberi* Hamm, 2010: 25, figs. 5-8 (w.q.m.) U.S.A.

***schultzei****. Semonius schultzei* Forel, 1910f: 21 (w.) BOTSWANA. Santschi, 1914b: 120 (m.); Arnold, 1915: 158 (q.). Combination in *Tapinoma*: Shattuck, 1992c: 152.

***sessile****. Formica sessilis* Say, 1836: 287 (w.q.) U.S.A. Emery, 1895c: 333 (q.m.); Wheeler, G.C. & Wheeler, J. 1951: 196 (l.); Crozier, 1970: 119 (k.); Taber & Cokendolpher, 1988: 95 (k.). Combination in *Tapinoma*: Smith, F. 1858b: 57. Senior synonym of *parva, boreale* Roger (and its junior synonym *boreale* Provancher): Mayr, 1886d: 434; Creighton, 1950a: 353; of *gracilis*: Emery, 1895c: 337; Wheeler, W.M. 1902f: 20; Creighton, 1950a: 353; of *dimmocki*: Shattuck, 1992c: 153. See also: Smith, M.R. 1928a: 307; Smith, D.R. 1979: 1422; Kupyanskaya, 1990: 156; Shattuck, 1994: 153; Hamm, 2010: 24.

*setiferum* Emery, 1900; see under ***TECHNOMYRMEX***.

***silvestrii****. Tapinoma silvestrii* Wheeler, W.M. 1928c: 30 (w.) CHINA.

***simrothi****. Tapinoma erraticum* var. *simrothi* Krausse, 1911: 18 (w.) ITALY (Sardinia). Emery, 1925d: 49 (q.m.). Raised to species: Emery, 1925d: 48; Menozzi, 1933b: 77; Santschi, 1936c: 204. Junior synonym of *erraticum*: Baroni Urbani, 1964b: 55. Revived from synonymy, status as species: Bernard, 1967: 259; Kutter, 1977c: 182. Current subspecies: nominal plus *phoeniceum*. See also: Shattuck, 1994: 154.

***sinense****. Tapinoma sinense* Emery, 1925d: 61, fig. 14 (w.) CHINA. Santschi, 1925f: 94 (q.m.). See also: Collingwood, 1976: 299.

***sokolovi****. Tapinoma luridum* subsp. *sokolovi* Karavaiev, 1931d: 50, fig. 7 (w.) KENYA.

***subboreale****. Tapinoma subboreale* Seifert, 2012a: 143, figs. 1, 4 (w.q.m.) GERMANY.

*sublucidum* Wheeler, W.M. 1934; see under ***TECHNOMYRMEX***.

*subnigrum. Tapinoma ramulorum* subsp. *inrectum* var. *subnigrum* Wheeler, W.M. 1934g: 181 (w.q.) MEXICO. **Unavailable name** (Shattuck, 1994: 156).

***subtile****. Tapinoma subtile* Santschi, 1911e: 125 (w.m.) MADAGASCAR.

*sundaicum* Emery, 1900; see under ***TECHNOMYRMEX***.

*tauridis. Tapinoma tauridis* Emery, 1925d: 59, fig. 11 (w.q.m.) UKRAINE. Junior synonym of *erraticum*: Dlussky, Soyunov & Zabelin, 1990: 169. See also: Karavaiev, 1927d: 336.

***tectum****. Tapinoma tenue* var. *tectum* Santschi, 1917b: 288 (w.) SOUTH AFRICA. Currently subspecies of *arnoldi*: Wheeler, W.M. 1922a: 923.

*tenue. Tapinoma tenue* Santschi, 1917c: 288. *Nomen nudum*, attributed to Forel; error for *arnoldi*, see Wheeler, W.M. 1922a: 923.

*thoracica* Smith, F. 1860; see under ***DOLICHODERUS***.

***timidum****. Tapinoma (Micromyrma) indicum* var. *timidum* Santschi, 1928e: 473, fig. 1 (w.m.) VANUATU.

***tinctum****. Tapinoma geei* var. *tinctum* Wheeler, W.M. 1927e: 2 (w.) CHINA.

***toltecum****. Tapinoma ramulorum* subsp. *toltecum* Wheeler, W.M. 1934g: 180 (w.) MEXICO.

*tomentosa* Norton, 1868; see under ***CAMPONOTUS***.

*transcaucasica. Tapinoma tauridis* subsp. *transcaucasica* Karavaiev, 1927d: 337 (w.m.) KAZAKHSTAN. [First available use of *Tapinoma simrothi* subsp. *karavaievi* var. *transcaucasica* Karavaiev, 1926e: 187; unavailable name.] Junior synonym of *erraticum*: Dlussky, Soyunov, & Zabelin, 1990: 169.

\****troche****. \*Tapinoma trochis* Wilson, 1985c: 34, fig. 12 (w.) DOMINICAN AMBER (Miocene).

*vexatum* Santschi, 1919; see under ***TECHNOMYRMEX***.

*voeltzkowi* Forel, 1907; see under ***TECHNOMYRMEX***.

***wheeleri****. Zatapinoma wheeleri* Mann, 1935: 36, fig. 2 (s.) SAMOA. Combination in *Tapinoma*: Shattuck, 1992c: 152.

***williamsi****. Zatapinoma williamsi* Wheeler, W.M. 1935b: 44 (s.w.) PHILIPPINES. Combination in *Tapinoma*: Shattuck, 1992c: 152.

***wilsoni****. Tapinoma wilsoni* Sharaf & Aldawood, in Sharaf, Aldawood & El Hawagry, 2012a: 38, figs. 1-3 (w.) SAUDI ARABIA.

***wroughtonii****. Tapinoma wroughtonii* Forel, 1904c: 26 (w.) INDIA.

*TAPINOPTERA*: see under ***TECHNOMYRMEX***.

***TATUIDRIS***

*kapasi. Tatuidris kapasi* Lacau & Groc, in Lacau, Groc, *et al*. 2012: 2, figs. 1-6 (w.) FRENCH GUIANA. Junior synonym of *tatusia*: Donoso, 2012: 69.

***tatusia****. Tatuidris tatusia* Brown & Kempf, 1968: 187, figs. 1-4 (w.) EL SALVADOR. Senior synonym of *kapasi*: Donoso, 2012: 69.

***TECHNOMYRMEX***

*aberrans* Santschi, 1911; see under ***TAPINOMA***.

*affinis. Technomyrmex foreli* var. *affinis* Santschi, 1930a: 71 (w.) KENYA. [First available use of *Technomyrmex albipes* st. *foreli* var. *affinis* Santschi, 1914b: 119; unavailable name.] Junior synonym of *pallipes*: Bolton, 2007a: 56.

***albicoxis****. Technomyrmex cheesmanae* var. *albicoxis* Donisthorpe, 1945b: 58 (w.) NEW GUINEA. Raised to species: Bolton, 2007a: 67.

*albinasis* Forel, 1910; see under ***TAPINOMA***.

***albipes****. Formica (Tapinoma) albipes* Smith, F. 1861b: 38 (w.) INDONESIA (Sulawesi). Forel, 1891b: 98 (q.); Forel, 1908a: 21 (ergatoid m.); Karavaiev, 1926d: 441 (m.); Wheeler, G.C. & Wheeler, J. 1951: 205 (l.); Crozier, 1969: 245 (k.). Combination in *Tapinoma*: Mayr, 1863: 455; in *Technomyrmex*: Emery, 1888d: 392. Senior synonym of *nigrum*: Mayr, 1872: 147; Mayr, 1876: 83; of *albitarse*: Emery, 1893f: 249; of *bruneipes, detorquens, forticulus, wedda*: Bolton, 2007a: 68.

*albitarse. Tapinoma albitarse* Motschoulsky, 1863: 14 (w.q.) SRI LANKA. Junior synonym of *albipes*: Emery, 1893f: 249.

*albomaculatus* Karavaiev, 1926; see under ***TAPINOMA***.

*allecta. Engramma allecta* Stitz, 1916: 394, fig. 9 (w.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 160. Junior synonym of *andrei*: Bolton, 2007a: 19.

***andrei****. Technomyrmex andrei* Emery, 1899e: 488, fig. (w.) GABON. Bernard, 1953b: 255 (q.). Senior synonym of *allecta, schereri, wolfi, zumpti*: Bolton, 2007a: 19.

*angustior. Technomyrmex modiglianii* var. *angustior* Forel, 1912a: 71 (w.) TAIWAN. Junior synonym of *brunneus*: Bolton, 2007a: 73.

***antennus****. Technomyrmex antennus* Zhou, 2001b: 159, 241, figs. 317, 318 (w.) CHINA. See also: Bolton, 2007a: 72.

***anterops****. Technomyrmex anterops* Fisher & Bolton, in Bolton, 2007a: 45, figs. 22, 36 (w.q.) MADAGASCAR.

***antonii****. Technomyrmex bicolor* var. *antonii* Forel, 1902h: 475 (w.m.) AUSTRALIA. Raised to species: Bolton, 2007a: 111.

***arnoldinus****. Technomyrmex arnoldinus* Forel, 1913j: 222 (w.) ZIMBABWE. See also: Bolton, 2007a: 21.

*atrichosus. Technomyrmex atrichosus* Viehmeyer, 1922: 214 (w.) KENYA. Junior synonym of *pallipes*: Bolton, 2007a: 56.

***australops****. Technomyrmex australops* Bolton, 2007a: 111 (w.) AUSTRALIA.

*bandarensis. Technomyrmex grandis* var. *bandarensis* Forel, 1913k: 96 (w.) INDONESIA (Sumatra). Junior synonym of *grandis*: Bolton, 2007a: 83.

***bicolor****. Technomyrmex bicolor* Emery, 1893f: 249 (w.) SRI LANKA. See also: Bolton, 2007a: 72.

*brevicornis. Technomyrmex brevicornis* Santschi, 1930a: 71, figs. 34-36 (w.) ANGOLA. Junior synonym of *pallipes*: Bolton, 2007a: 56.

***briani****. Technomyrmex briani* Sharaf, 2009: 213, figs. 1-3 (w.) SAUDI ARABIA.

*bruneipes. Technomyrmex albipes* var. *bruneipes* Forel, 1895e: 466 (w.q.m.) INDIA. Raised to species: Collingwood & Agosti, 1996: 361. Junior synonym of *albipes*: Bolton, 2007a: 68.

***brunneus****. Technomyrmex albipes* r. *brunneus* Forel, 1895e: 467 (w.) INDIA. Raised to species: Bingham, 1903: 302. Subspecies of *albipes*: Emery, 1913a: 43. Revived status as species: Bolton, 2007a: 73. Senior synonym of *angustior*: Bolton, 2007a: 73.

***butteli****. Technomyrmex butteli* Forel, 1913k: 97, fig. C (w.m.) WEST MALAYSIA. See also: Bolton, 2007a: 75.

***camerunensis****. Technomyrmex andrei* var. *camerunensis* Emery, 1899e: 489 (w.) CAMEROUN. Raised to species: Bolton, 2007a: 21.

\****caritatis****. \*Technomyrmex caritatis* Brandão & Baroni Urbani, in Brandão, Baroni Urbani, Wagensberg & Yamamoto, 1999: 416, figs. 1, 4-6 (w.l.) DOMINICAN AMBER (Miocene). *Incertae sedis* in *Technomyrmex*: Bolton, 2007a: 122.

***cedarensis****. Technomyrmex albipes* var. *cedarensis* Forel, 1915b: 85 (w.q.) AUSTRALIA. Raised to species: Bolton, 2007a: 112.

***certus****. Technomyrmex certus* Bolton, 2007a: 76, fig. 49 (w.) BORNEO.

***cheesmanae****. Technomyrmex cheesmanae* Donisthorpe, 1945b: 57 (w.) NEW GUINEA. See also: Bolton, 2007a: 76.

*congolensis. Engramma laurenti* var. *congolensis* Forel, 1916: 431 (w.q.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *laurenti*: Bolton, 2007a: 25.

*congolensis. Technomyrmex albipes* subsp. *congolensis* Karavaiev, 1926d: 443 (w.) DEMOCRATIC REPUBLIC OF CONGO. [**Unresolved junior secondary homonym** of *congolensis* Forel, above.] Junior synonym of *moerens*: Santschi, 1930a: 69; Bolton, 2007a: 28.

***convexifrons****. Technomyrmex convexifrons* Karavaiev, 1926d: 443 (w.) INDONESIA (Sumatra). See also: Bolton, 2007a: 77.

*cordiformis. Technomyrmex albipes* var. *cordiformis* Viehmeyer, 1916a: 143 (w.) SINGAPORE. Junior synonym of *elatior*: Bolton, 2007a: 79.

***curiosus****. Technomyrmex curiosus* Fisher & Bolton, in Bolton, 2007a: 46, fig. 25 (w. w-q intercastes. m.) MADAGASCAR.

\****deletus****. \*Technomyrmex deletus* Emery, 1891a: 153, pl. 3, figs. 26-28 (w.) SICILIAN AMBER (Oligocene). See also: Bolton, 2007a: 122.

*denticulatum* Wheeler, W.M. 1922 [*Engramma*]; see under ***AXINIDRIS***.

*detorquens. Formica detorquens* Walker, 1859: 372 (q.) SRI LANKA. Combination in *Technomyrmex*: Donisthorpe, 1932b: 575. Senior synonym of *forticulus*: Donisthorpe, 1932b: 575. *Nomen oblitum*, synonym of *albipes*: Bolton, 2007a: 68. See also: Wilson & Taylor, 1967: 84.

***difficilis****. Technomyrmex mayri* r. *difficilis* Forel, 1892l: 242 (w.q.) MADAGASCAR. Raised to species and senior synonym of *nitidulans*: Bolton, 2007a: 47.

***docens****. Technomyrmex docens* Fisher & Bolton, in Bolton, 2007a: 50 (w.) MADAGASCAR.

***dubius****. Technomyrmex dubius* Bolton, 2007a: 78 (w.) INDONESIA (Sulawesi).

***elatior****. Technomyrmex modiglianii* r. *elatior* Forel, 1902d: 293 (w.) INDIA. Forel, 1908a: 3 (m.). Subspecies of *modiglianii*: Forel, 1905c: 23; Wheeler, W.M. 1921c: 541. Raised to species: Bingham, 1903: 302; Mukerjee, 1930: 155. Senior synonym of *cordiformis*: Bolton, 2007a: 79.

*emeryi* Forel, 1910; see under ***TAPINOMA***.

***fisheri****. Technomyrmex fisheri* Bolton, 2007a: 51, fig. 24 (w. w-q intercaste) MADAGASCAR.

*foreli. Technomyrmex albipes* subsp. *foreli* Emery, 1893f: 249 (w.) MADAGASCAR. Forel, 1910e: 446 (q.m.). Raised to species: Santschi, 1930a: 70. Junior synonym of *pallipes*: Bolton, 2007a: 56.

***fornax.*** *Technomyrmex fornax* Bolton, 2007a: 80, fig. 45 (w.) BORNEO.

*forticulus. Crematogaster forticulus* Walker, 1859: 372 (q., not w.) SRI LANKA. Junior synonym of *detorquens*: Donisthorpe, 1932b: 576; *nomen oblitum*, synonym of *albipes*: Bolton, 2007a: 68.

***fulvus****. Tapinoma fulvum* Wheeler, W.M. 1934g: 184 (w.) PANAMA. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Senior synonym of *sublucidum*: Bolton, 2007a: 120.

***furens.*** *Technomyrmex furens* Bolton, 2007a: 113 (w.w-q intercaste) AUSTRALIA.

*fusciventris. Technomyrmex madecassus* var. *fusciventris* Forel, 1907g: 86 (w.) COMORO IS. Junior synonym of *madecassus*: Bolton, 2007a: 53.

***gaudens****. Technomyrmex gaudens* Bolton, 2007a: 81 (w.) BORNEO.

***gibbosus****. Technomyrmex gibbosus* Wheeler, W.M. 1906c: 319, pl. 41, fig. 4 (w.) JAPAN. Wheeler, G.C. & Wheeler, J. 1951: 205 (l.). See also: Bolton, 2007a: 81.

***gilvus****. Technomyrmex gilvus* Donisthorpe, 1941j: 205 (w.) NEW GUINEA. See also: Bolton, 2007a: 82.

***gorgona****. Technomyrmex gorgona* Fernández & Guerrero, 2008: 111, fig. 3 (w.) COLOMBIA.

*gowdeyi. Engramma gowdeyi* Wheeler, W.M. 1922a: 207, fig. 53 (w.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 160. Junior synonym of *ilgi*: Bolton, 2007a: 23.

***grandis****. Technomyrmex grandis* Emery, 1887a: 248 (w.) INDONESIA (Sumatra). Senior synonym of *bandarensis*: Bolton, 2007a: 83.

*griseopubens. Engramma griseopubens* Wheeler, W.M. 1922a: 206, fig. 52 (w.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 160. Junior synonym of *lujae*: Bolton, 2007a: 26.

***hades****. Technomyrmex hades* Bolton, 2007a: 84 (w.q.) INDONESIA (Sulawesi).

\****hispaniolae****. \*Iridomyrmex hispaniolae* Wilson, 1985c: 32, fig. 10 (w.) DOMINICAN AMBER (Miocene). Combination in *Linepithema*: Shattuck, 1992a: 16; in *Techomyrmex*: Brandão, Baroni Urbani, Wagensberg & Yamamoto, 1999: 414. *Incertae sedis* in *Technomyrmex*: Bolton, 2007a: 123.

***horni****. Technomyrmex horni* Forel, 1912a: 71 (w.q.) TAIWAN. See also: Bolton, 2007a: 84.

***horrens****. Technomyrmex horrens* Bolton, 2007a: 86, figs. 61, 70 (w.) BORNEO.

***hostilis****. Technomyrmex hostilis* Bolton, 2007a: 22, figs. 9, 37 (w.) TANZANIA.

*hypoclinoides* Santschi, 1919; see under ***AXINIDRIS***.

***ilgi****. Engramma ilgi* Forel, 1910c: 264 (w.m.) ETHIOPIA. Combination in *Technomyrmex*: Shattuck, 1992c: 160. Senior synonym of *gowdeyi, stygium*: Bolton, 2007a: 23.

***impressus****. Technomyrmex impressus* Bolton, 2007a: 86, fig. 59 (w.) BORNEO.

***incisus****. Engramma incisum* Mukerjee, 1930: 155, fig. 3 (w.) INDIA. Combination in *Technomyrmex*: Shattuck, 1992c: 161. **Unidentifiable taxon**, *incertae sedis* in *Technomyrmex*: Bolton, 2007a: 121.

*incisus. Technomyrmex incisus* Weber, 1943c: 380, pl. 16, fig. 37 (w-q intercaste, not w.) SUDAN. [Junior secondary homonym of *incisum* Mukerjee, above.] Replacement name: *nequitus* Bolton, 1995b: 402. Junior synonym of *moerens*: Bolton, 2007a: 28.

***indicus****. Technomyrmex indicus* Bolton, 2007a: 87, fig. 48 (w. w-q intercaste) INDIA.

***innocens****. Technomyrmex innocens* Fisher & Bolton, in Bolton, 2007a: 52, fig. 27 (w. w-q intercaste) MADAGASCAR.

*javanum. Tapinoma setiferum* var. *javanum* Forel, 1905c: 22 (w.q.m.) INDONESIA (Java). Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *pratensis*: Bolton, 2007a: 95.

*javanus. Technomyrmex modiglianii* r. *javanus* Forel, 1905c: 23 (w.) INDONESIA (Java). [**Unresolved junior secondary homonym** of *javanum* Forel, above.] Junior synonym of *modiglianii*: Bolton, 2007a: 92.

***jocosus****. Technomyrmex jocosus* Forel, 1910b: 56 (w.) AUSTRALIA. See also: Bolton, 2007a: 114.

*kohli. Engramma kohli* Forel, 1916: 429 (w.q.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *laurenti*: Bolton, 2007a: 25.

***kraepelini****. Technomyrmex kraepelini* Forel, 1905c: 23 (w.) INDONESIA (Java). See also: Bolton, 2007a: 88.

***lasiops****. Technomyrmex lasiops* Bolton, 2007a: 24, figs. 7, 30 (w.q.m.) CAMEROUN.

***laurenti****. Tapinoma laurenti* Emery, 1899e: 487 (w.q.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Engramma*: Emery, 1913a: 38; in *Technomyrmex*: Shattuck, 1992c: 161. Senior synonym of *congolensis, kohli*: Bolton, 2007a: 25.

***lisae****. Technomyrmex lisae* Forel, 1913k: 94, fig. B (w.q.) WEST MALAYSIA. See also: Bolton, 2007a: 89.

*longiscapus. Technomyrmex longiscapus* Weber, 1943c: 381, pl. 16, fig. 41 (w.) SUDAN. Junior synonym of *moerens*: Bolton, 2007a: 28.

***lujae****. Engramma lujae* Forel, 1905b: 181 (w.m.) DEMOCRATIC REPUBLIC OF CONGO. Wheeler, G.C. & Wheeler, J. 1951: 194 (l.). Combination in *Technomyrmex*: Shattuck, 1992c: 161. Senior synonym of *griseopubens, pulliceps, wasmanni*; Bolton, 2007a: 26.

*luteus* Emery, 1895; see under ***TAPINOMA***.

***madecassus****. Technomyrmex madecassus* Forel, 1897c: 199 (w.) MADAGASCAR. Senior synonym of *fusciventris*: Bolton, 2007a: 53.

***mandibularis****. Technomyrmex mandibularis* Bolton, 2007a: 90, figs. 52, 74 (w.) WEST MALAYSIA.

***mayri****. Technomyrmex mayri* Forel, 1891b: 99, pl. 3, fig. 6 (w.m.) MADAGASCAR. See also: Bolton, 2007a: 55.

***menozzii****. Tapinoma menozzii* Donisthorpe, 1936e: 526 (w.) ZIMBABWE Combination in *Technomyrmex*: Bolton, 2007a: 27.

***metandrei****. Technomyrmex metandrei* Bolton, 2007a: 28 (w.) CENTRAL AFRICAN REPUBLIC.

***mixtus****. Technomyrmex mixtus* Bolton, 2007a: 91, fig. 43 (w.) NEW GUINEA.

***modiglianii****. Technomyrmex modiglianii* Emery, 1900d: 696, fig. 12 (w.) INDONESIA (Sumatra). Senior synonym of *javanus*: Bolton, 2007a: 92.

***moerens****. Technomyrmex moerens* Santschi, 1913c: 312, fig. 4 (w.) CONGO. Senior synonym of *congolensis*: Santschi, 1930a: 69; of *incisus, longiscapus, nequitus, nigricans*: Bolton, 2007a: 28.

***montaseri****. Technomyrmex montaseri* Sharaf, Collingwood & Aldawood, 2011: 14, figs. 1-3 (w.) OMAN.

***myops****. Technomyrmex myops* Bolton, 2007a: 93, fig. 41 (w.) WEST MALAYSIA.

*nequitus. Technomyrmex nequitus* Bolton, 1995b: 402. Replacement name for *Technomyrmex incisus* Weber, 1943c: 380. [Junior secondary homonym of *Engramma incisum* Mukerjee, 1930: 155.] Junior synonym of *moerens*: Bolton, 2007a: 28.

*niasensis. Technomyrmex niasensis* Menozzi, 1932d: 8, fig. 3 (w.) INDONESIA (Nias I.). Junior synonym of *wheeleri*: Bolton, 2007a: 106.

*nigricans. Technomyrmex moerens* var. *nigricans* Santschi, 1930a: 69 (w.) DEMOCRATIC REPUBLIC OF CONGO. Junior synonym of *moerens*: Bolton, 2007a: 28.

***nigriventris****. Technomyrmex nigriventris* Santschi, in Forel, 1910f: 22 (footnote) (w.) CONGO. See also: Bolton, 2007a: 30.

*nigrum. Tapinoma nigrum* Mayr, 1862: 703 (w.) SRI LANKA. Junior synonym of *albipes*: Mayr, 1872: 147; Mayr, 1876: 83; Bolton, 2007a: 68.

***nitens****. Technomyrmex nitens* Bolton, 2007a: 115, fig. 65 (w. w-q intercaste) AUSTRALIA.

*nitidulans. Technomyrmex mayri* st. *nitidulans* Santschi, 1930a: 72, figs. 31-33 (w.) MADAGASCAR. Junior synonym of *difficilis*: Bolton, 2007a: 47.

***obscurior****. Technomyrmex schimmeri* var. *obscurior* Wheeler, W.M. 1928c: 31 (w.) CHINA. Raised to species: Bolton, 2007a: 94.

*okiavoensis. Engramma zimmeri* r. *okiavoensis* Forel, 1916: 431 (w.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *schoutedeni*: Bolton, 2007a: 35.

***pallipes****. Tapinoma pallipes* Smith, F. 1876a: 447 (w.) MAURITIUS (Rodrigues I.). [Misspelled as *pallidipes* by Dalla Torre, 1893: 166.] Combination in *Technomyrmex*: Bolton, 2007a: 56. Senior synonym of *affinis*, *atrichosus, brevicornis, foreli, primroseae, truncicolus*: Bolton, 2007a: 56.

***parandrei****. Technomyrmex parandrei* Bolton, 2007a: 31 (w.) GABON.

***parviflavus****. Technomyrmex parviflavus* Bolton, 2007a: 31, fig. 15 (w.q.) GHANA.

***pilipes****. Technomyrmex pilipes* Emery, 1899e: 490 (q.) CAMEROUN. See also: Bolton, 2007a: 32.

***pluto****. Technomyrmex pluto* Bolton, 2007a: 94 (w.q.) INDONESIA (Sulawesi).

***pratensis****. Tapinoma pratensis* Smith, F. 1860b: 97 (w.) INDONESIA (Batjan I.). Combination in *Iridomyrmex*: Donisthorpe, 1932c: 460; in *Technomyrmex*: Shattuck, 1992c: 161. Senior synonym of *javanum, setiferum*: Bolton, 2007a: 95.

***prevaricus****. Technomyrmex prevaricus* Bolton, 2007a: 97 (w.) NEW GUINEA.

*primroseae. Technomyrmex primroseae* Donisthorpe, 1949e: 273 (w.) MAURITIUS. Junior synonym of *pallipes*: Bolton, 2007a: 57.

*pulliceps. Engramma lujae* var. *pulliceps* Santschi, 1926b: 244 (w.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *lujae*: Bolton, 2007a: 26.

***quadricolor****. Aphantolepis quadricolor* Wheeler, W.M. 1930d: 44, fig. 2 (w.) AUSTRALIA. Combination in *Technomyrmex*: Brown, 1953h: 5. See also: Bolton, 2007a: 115.

***rector****. Technomyrmex rector* Bolton, 2007a: 97, fig. 71 (w.) INDIA.

***reductus****. Technomyrmex reductus* Bolton, 2007a: 98, fig. 56 (w.) BORNEO.

*rhodesiae. Tapinoma voeltzkowi* var. *rhodesiae* Forel, 1913a: 139 (w.) ZIMBABWE. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *voeltzkowi*: Bolton, 2007a: 41.

***rotundiceps****. Technomyrmex albipes* subsp. *rotundiceps* Karavaiev, 1926d: 443 (w.) INDONESIA (Java). Raised to species: Bolton, 2007a: 99.

*rufescens. Technomyrmex albipes* st. *rufescens* Santschi, 1928c: 70, fig. 1 (w.) FIJI IS. Junior synonym of *albipes*: Wilson & Taylor, 1967: 82; of *vitiensis*: Bolton, 2007a: 104.

***rusticus****. Technomyrmex rusticus* Santschi, 1930a: 72, figs. 43-45 (w-q intercaste, not w.) DEMOCRATIC REPUBLIC OF CONGO. See also: Bolton, 2007a: 33.

*schereri. Technomyrmex andrei* var. *schereri* Forel, 1911e: 283 (w.) LIBERIA. Junior synonym of *andrei*: Bolton, 2007a: 19.

***schimmeri****. Technomyrmex schimmeri* Viehmeyer, 1916a: 143, fig. 8 (w.q.) SINGAPORE. See also: Bolton, 2007a: 100.

***schoedli****. Technomyrmex schoedli* Bolton, 2007a: 34, figs. 19, 28 (w.) GABON.

***schoutedeni****. Technomyrmex schoutedeni* Forel, 1910e: 447 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO. Senior synonym of *okiavoensis*: Bolton, 2007a: 35.

***semiruber****. Technomyrmex semiruber* Emery, 1899e: 489 (w.) CAMEROUN. See also: Bolton, 2007a: 35.

***senex****. Technomyrmex senex* Bolton, 2007a: 36, fig. 17 (w.) GABON.

\****septentrionalis****. \*Technomyrmex septentrionalis* Zhang, 1989: 277, fig. 279 (m.?) CHINA (Miocene). *Incertae sedis* in *Technomyrmex*: Bolton, 2007a: 123.

*setiferum. Tapinoma setiferum* Emery, 1900d: 695, fig. 11 (w.) INDONESIA (Sumatra). Combination in *Technomyrmex*: Wheeler, W.M. 1927h: 99. Junior synonym of *pratensis*: Bolton, 2007a: 95.

***setosus****. Technomyrmex setosus* Collingwood, 1985: 243, fig. 12 (w.) SAUDI ARABIA. See also: Bolton, 2007a: 37.

***shattucki****. Technomyrmex shattucki* Bolton, 2007a: 116 (w.m.) AUSTRALIA.

*smithi. Iridomyrmex smithi* Wheeler, W.M. 1909d: 341 (w.q.) PHILIPPINES. [Junior secondary homonym of *Formica smithii* Lowne, 1865a: 276 (now in *Iridomyrmex*).] Replacement name: *wheeleri* Emery, 1913a: 26.

***sophiae****. Technomyrmex sophiae* Forel, 1902h: 474 (w.q.) AUSTRALIA. See also: Bolton, 2007a: 117.

***strenuus****. Technomyrmex strenua* Mayr, 1872: 147 (w. ergatoid q.) BORNEO. Forel, 1911a: 46 (m.). See also: Bolton, 2007a: 100.

*stygium. Engramma stygium* Santschi, 1911c: 363 (w.m.) KENYA. Santschi, 1914b: 117 (q.). Combination in *Technomyrmex*: Shattuck, 1992c: 161. Subspecies of *ilgi*: Santschi, 1914b: 117. Junior synonym of *ilgi*: Bolton, 2007a: 23.

***subgracilis****. Technomyrmex subgracilis* Bolton, 2007a: 101, figs. 46, 73 (w.) BORNEO.

*sublucidum. Tapinoma fulvum* subsp. *sublucidum* Wheeler, W.M. 1934g: 185 (w.) PANAMA. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *fulvus*: Bolton, 2007a: 120.

***sundaicus****. Tapinoma sundaicum* Emery, 1900d: 695, fig. 10 (w.) INDONESIA (Sumatra). Combination in *Technomyrmex*: Shattuck, 1992c: 161. See also: Bolton, 2007a: 101.

***sycorax****. Technomyrmex sycorax* Bolton, 2007a: 38, fig. 16 (w.) GABON.

***tatius****. Technomyrmex tatius* Bolton, 2007a: 102 (w.) BORNEO.

***taylori****. Engramma tailori* Santschi, 1930c: 269 (w.) MOZAMBIQUE. [Also described as new (spelled *taylori,* justified emendation) by Santschi, in Taylor, J.S. 1931: 42.] Combination in *Technomyrmex*: Shattuck, 1992c: 161. See also: Bolton, 2007a: 38.

***textor****. Technomyrmex bicolor* subsp. *textor* Forel, 1909d: 228 (w.q.) INDONESIA (Java). Raised to species: Bolton, 2007a: 103.

***tonsuratus****. Technomyrmex tonsuratus* Bolton, 2007a: 103, fig. 42 (w.) NEW GUINEA.

***transiens****. Technomyrmex transiens* Forel, 1913k: 96 (w.) INDONESIA (Sumatra). **Unidentifiable taxon**, *incertae sedis* in *Technomyrmex*: Bolton, 2007a: 122.

*tridens* Arnold, 1946; see under ***AXINIDRIS***.

*truncicolus. Technomyrmex albipes* subsp. *truncicolus* Weber, 1943c: 380 (w.) SUDAN. Junior synonym of *pallipes*: Bolton, 2007a: 56.

***vapidus****. Technomyrmex vapidus* Bolton, 2007a: 39, fig. 6 (w.) KENYA.

***vexatus****. Tapinoma vexatum* Santschi, 1919i: 220 (footnote) (m.) MOROCCO. Bolton, 2007a: 40 (w.). Combination in *T. (Tapinoptera)*: Santschi, 1925g: 348; in *Technomyrmex*: Cagniant & Espadaler, 1993: 92.

***vitiensis****. Technomyrmex albipes* var. *vitiensis* Mann, 1921: 473 (w.) FIJI IS. Santschi, 1928a: 52 (m.). Junior synonym of *albipes*: Wilson & Taylor, 1967: 82. Revived from synonymy, raised to species and senior synonym of *rufescens*: Bolton, 2007a: 104.

***voeltzkowi****. Tapinoma voeltzkowi* Forel, 1907g: 84 (w.m.) KENYA. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Senior synonym of *rhodesiae*: Bolton, 2007a: 41.

*wasmanni. Engramma lujae* r. *wasmanni* Forel, 1916: 432 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO. Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *lujae*: Bolton, 2007a: 26.

*wedda. Technomyrmex albipes* r. *wedda* Forel, 1913e: 663 (w.q.) SRI LANKA. Junior synonym of *albipes*: Bolton, 2007a: 68.

***wheeleri****. Iridomyrmex wheeleri* Emery, 1913a: 26. Replacement name for *Iridomyrmex smithi* Wheeler, W.M. 1909d: 341. [Junior secondary homonym of *Formica smithii* Lowne, 1865a: 276 (now in *Iridomyrmex*).] Combination in *Technomyrmex*: Shattuck, 1992a: 15. Senior synonym of *niasensis*: Bolton, 2007a: 106.

*wolfi. Engramma wolfi* Forel, 1916: 432, fig. 1 (w.) DEMOCRATIC REPUBLIC OF CONGO. Wheeler, W.M. 1922a: 204 (q.m.). Combination in *Technomyrmex*: Shattuck, 1992c: 161. Junior synonym of *andrei*: Bolton, 2007a: 19.

***yamanei****. Technomyrmex yamanei* Bolton, 2007a: 107, figs. 47, 67 (w.) THAILAND.

***zimmeri****. Engramma zimmeri* Forel, 1911d: 370 (w.) TANZANIA. Combination in *Technomyrmex*: Shattuck, 1992c: 161. See also: Bolton, 2007a: 42.

*zumpti. Technomyrmex zumpti* Santschi, 1937b: 102 (m.) CAMEROUN. Junior synonym of *andrei*: Bolton, 2007a: 19.

***TELEUTOMYRMEX***

***kutteri****. Teleutomyrmex kutteri* Tinaut, 1990b: 202, figs. 1-3, photos. 1-2 (q.m.) SPAIN.

***schneideri****. Teleutomyrmex schneideri* Kutter, 1950a: 82, figs. 1-23 (q.m.) SWITZERLAND. See also: Stumper, 1951: 129; Brun, 1952: 73; Gösswald, 1953: 81; Kutter, 1977c: 167.

***TEMNOTHORAX***

***abeli****. Leptothorax abeli* Fontenla Rizo, 1998: 62, fig. 1 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

*aculeata* Mayr, 1866 [*Macromischa*]; see under ***TETRAMORIUM***.

*acutinodis. Leptothorax tuberum* subsp. *acutinodis* Arnol'di, 1977a: 204 (w.) ARMENIA. [*Leptothorax tuberum* subsp. *acutinodis* Arnol'di, 1948: 211. *Nomen nudum*.] Junior synonym of *tuberum*: Arakelian, 1994: 58; Radchenko, 1995c: 15.

***adustus****. Leptothorax (Myrafant) adustus* Mackay, 2000: 309, figs. 31, 32, 35, 80, 81 (w.q.m.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

***aeolius****. Leptothorax bulgaricus* subsp. *aeolius* Forel, 1911d: 334 (w.) TURKEY.

***affinis****. Leptothorax affinis* Mayr, 1855: 442 (w.) AUSTRIA. Forel, 1874: 88 (q.); Stitz, 1914: 62 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1874: 85; Forel, 1892i: 314; Bondroit, 1910: 496; Emery, 1916b: 174; Emery, 1924d: 256. Status as species: Bondroit, 1918: 128; Müller, 1923: 93; Finzi, 1933: 164; Stitz, 1939: 173; Bernard, 1956a: 163; Baroni Urbani, 1971c: 102; Kutter, 1977c: 130; Atanassov & Dlussky, 1992: 133. Senior synonym of *tirolensis*: Emery, 1914d: 158 (footnote); of *tuberoaffinis*: Kutter, 1977c: 14.

*affinis. Macromischa (Macromischa) affinis* Mann, 1920: 417, fig. 5 (w.) CUBA. [Junior secondary homonym of *affinis* Mayr, above.] Replacement name: *Leptothorax similis* Baroni Urbani, 1978b: 501.

*affinonigriceps* Forel, 1874: 86 (*nomen nudum*); see under ***LEPTOTHORAX***.

*affinotuberum* Forel, 1874: 88. (*nomen nudum*); see under ***LEPTOTHORAX***.

*africana* Mayr, 1866 [*Macromischa*]; see under ***TETRAMORIUM***.

*aguayoi. Croesomyrmex aguayoi* Wheeler, W.M. 1931b: 25 (w.) CUBA. Baroni Urbani, 1978b: 410 (m.). Combination in *Macromischa (Croesomyrmex*): Aguayo, 1931: 179; in *Leptothorax*: Baroni Urbani, 1978b: 409. Senior synonym of *archeri* (and its junior synonym *bierigi*), *natenzoni*: Baroni Urbani, 1978b: 409. Junior synonym of *gundlachi*: Fontenla Rizo, 1997a: 50.

*alaicus. Leptothorax tuberum* subsp. *alaicus* Tarbinsky, 1976: 97 (w.) KYRGYZSTAN. Junior synonym of *tuberum*: Radchenko, 1995c: 14.

***alayoi****. Leptothorax alayoi* Baroni Urbani, 1978b: 411, figs. 26, 83 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

***alayorum****. Macromischa alayorum* Fontenla Rizo, 1993: 2, fig. 1 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

***albipennis****. Stenamma albipennis* Curtis, 1854: 218 (w.m.) GREAT BRITAIN. Combination in *Leptothorax*: Orledge, 1998: 31; in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *unifasciatus*: Nylander, 1856b: 92; of *nylanderi*: Smith, F. 1858b: 120; of *tuberum*: Emery, 1924d: 256. Revived from synonymy and senior synonym of *tuberointerruptus*: Orledge, 1998: 31.

***albispinus****. Macromischa albispina* Wheeler, W.M. 1908a: 139, pl. 11, figs. 3, 4 (w.q.) PUERTO RICO. Combination in *M. (Antillaemyrmex*): Mann, 1920: 408; in *Antillaemyrmex*: Wheeler, W.M. 1931b: 27; in *Leptothorax*: Baroni Urbani, 1978b: 413; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *pallipes*: Baroni Urbani, 1978b: 413.

***algiricus****. Leptothorax angustulus* var. *algiricus* Forel, 1894d: 37 (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *angustulus*: Santschi, 1911a: 12. Raised to species and senior synonym of *gazella, monticola, silvanus, timida*: Cagniant & Espadaler, 1997: 278. Current subspecies: nominal plus *trabutii*.

***alienus.*** *Temnothorax alienus* Schulz, Heinze & Pusch, 2007: 3, figs. 2, 3, 22, 26, 28, 29 (w.q.) ITALY.

***alinae****. Leptothorax alinae* Radchenko, 1994i: 31, fig. 6 (w.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 153.

***allardycei****. Macromischa (Macromischa) allardycei* Mann, 1920: 414, fig. 3 (w.q.) BAHAMAS. Combination in *Leptothorax*: Baroni Urbani, 1978b: 415; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *floridanus*: Baroni Urbani, 1978b: 415.

***alpinus****. Leptothorax alpinus* Ruzsky, 1902d: 22 (w.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Ruzsky, 1905b: 598. Revived status as species: Radchenko, 1994d: 150 (in key); Radchenko, 1996c: 17.

***ambiguus****. Leptothorax (Leptothorax) curvispinosus* subsp. *ambiguus* Emery, 1895c: 320 (w.) U.S.A. Wesson, L.G. & Wesson, R.G. 1940: 97 (q.m.); Wheeler, G.C. & Wheeler, J. 1955b: 22 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392; in *Temnothorax*: Bolton, 2003: 271. Raised to species: Wesson, L.G. & Wesson, R.G. 1940: 97. See also: Mackay, 2000: 312. Current subspecies: nominal plus *foveatus, pinetorum*.

***amilcaris****. Leptothorax flavispinus* st. *amilcaris* Santschi, 1939d: 76 (w.) TUNISIA. [First available use of *Leptothorax flavispinus* st. *santschii* var. *amilcaris* Santschi, 1911a: 12; unavailable name.]

***anacanthus****. Leptothorax hesperius* st. *anacanthus* Santschi, 1912c: 149. Replacement name for *inermis* Santschi, 1909b: 468. [Junior primary homonym of *inermis* Forel, 1902c: 229.] Combination in *Temnothorax*: Bolton, 2003: 271. Cagniant & Espadaler, 1997: 281 (m.). Raised to species: Santschi, 1931a: 6. Current subspecies: nominal plus *maximus*.

***andersoni****. Leptothorax (Myrafant) andersoni* Mackay, 2000: 314, figs. 14, 83 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

***andrei****. Leptothorax (Leptothorax) andrei* Emery, 1895c: 322, pl. 8, fig. 15 (w.) U.S.A. Cole, 1958c: 537 (q.m.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *heathii, occidentalis, ocellatus*: Ward, 2005: 15. See also: Wheeler, W.M. 1903c: 256; Mackay, 2000: 316.

***androsanus****. Macromischa androsana* Wheeler, W.M. 1905b: 97, fig. K (w.) BAHAMAS. Baroni Urbani, 1978b: 418 (q.m.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 418; in *Temnothorax*: Bolton, 2003: 271.

*anemicus. Leptothorax anemicus* Baroni Urbani, 1978b: 420. Replacement name for (and elevation to species of) *Macromischa (Croesomyrmex) bermudezi* var. *gracilis* Aguayo, 1932: 223. [Junior secondary homonym of \**Leptothorax gracilis* Mayr, 1868c: 89.] Junior synonym of *bermudezi*: Fontenla Rizo, 1997a: 49.

***angulohumerus****. Temnothorax angulohumerus* Zhou, *et al*. 2010: 12, figs. 1-3 (w.) CHINA.

***angustinodis****. Leptothorax angustulus* var. *angustinode* Stitz, 1917: 336, fig. 3 (w.) LIBYA.

*angustinodus. Leptothorax (Leptothorax) angustinodus* Cole, 1956b: 28 (w.q.) U.S.A. [Junior primary homonym of *angustinodis* Stitz, above.] Replacement name: *stenotyle* Cole, 1956e: 214.

***angustulus****. Myrmica angustula* Nylander, 1856b: 88, pl. 3, fig. 36 (w.) FRANCE. De Stefani, 1889: 145 (q.m.); Emery, 1916b: 183, 187 (q.m., respectively). Combination in *Leptothorax*: Mayr, 1861: 59; in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1890a: lxxv; Emery, 1891b: 5. Status as species: Dalla Torre, 1893: 123; Forel, 1894d: 37; Forel, 1907b: 206; Emery, 1916b: 175; Bondroit, 1918: 136. Current subspecies: nominal plus *angustinodis, bordagei*.

***anira****. Leptothorax anira* Terayama & Onoyama, 1999: 76, fig. 17 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*annectens. Leptothorax curvispinosus* subsp. *annectens* Wheeler, W.M. 1903c: 242, pl. 12, fig. 13 (w.) U.S.A. Subspecies of *rugatulus*: Wheeler, W.M. 1917a: 510. Junior synonym of *rugatulus*: Creighton, 1950a: 269.

*annectens. Macromischa annectens* Wheeler, W.M. 1931b: 11 (w.) MEXICO. [Junior secondary homonym of *annectens* Wheeler, W.M., above.] Replacement name: *annexus* Baroni Urbani, 1978b: 421.

***annexus****. Leptothorax annexus* Baroni Urbani, 1978b: 421. Replacement name for *annectens* Wheeler, W.M. 1931b: 11. [Junior secondary homonym of *annectens* Wheeler, W.M. 1903c: 242.] Combination in *Temnothorax*: Bolton, 2003: 271.

***annibalis****. Leptothorax rottenbergi* st. *annibalis* Santschi, 1909b: 476, fig. 9 (w.q.) TUNISIA. Cagniant, 1966d: 967 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Santschi, 1929e: 151. Current subspecies: nominal plus *numidicus*.

***anodonta****. Leptothorax anodonta* Arnol'di, 1977a: 199 (w.m.) ARMENIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***anodontoides****. Leptothorax anodontoides* Dlussky & Zabelin, 1985: 227, fig. 5 (w.) TURKMENIA. Radchenko, 1995d: 8 (m.). Combination in *Temnothorax*: Bolton, 2003: 271.

*anoplogynus. Leptothorax anoplogynus* Emery, 1869b: 15 (w.q.) ITALY. Subspecies of *tuberum*: André, 1883a: 300; of *unifasciatus*: Ruzsky, 1902d: 22. Junior synonym of *unifasciatus*: Emery, 1916b: 175.

***antera****. Leptothorax antera* Terayama & Onoyama, 1999: 78, fig. 16 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***antigoni****. Leptothorax (Temnothorax) antigoni* Forel, 1911d: 333 (w.) TURKEY. Combination in *Temnothorax*: Bolton, 2003: 271.

***antoniae****. Leptothorax laurae* subsp. *antoniae* Cagniant, in Cagniant & Espadaler, 1997: 270, fig. 7 (w.q.) MOROCCO.

***arcanus****. Leptothorax arcanus* Kutter, 1973b: 327, figs. 1-7 (m.) SWITZERLAND. Combination in *Temnothorax*: Bolton, 2003: 271.

***archangelskiji****. Leptothorax bulgaricus* subsp. *archangelskiji* Kuznetsov-Ugamsky, 1926a: 74, figs. 19-26 (w.q.m.) KAZAKHSTAN. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Dlussky, 1962: 179.

*archeri. Croesomyrmex aguayoi* var. *archeri* Wheeler, W.M. 1931b: 26 (w.) CUBA. Combination in *Macromischa*: Brown, 1959e: 74. Raised to species and senior synonym of *bierigi*: Brown, 1959e: 74. Junior synonym of *aguayoi*: Baroni Urbani, 1978b: 409.

***arenarius****. Leptothorax arenarius* Santschi, 1908: 527 (w.q.l.) TUNISIA. Santschi, 1910b: 62 (m.). Combination in *L. (Temnothorax*): Santschi, 1918a: 32; in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *fusciventris, kruegeri*.

***argentipes****. Leptothorax argentipes* Wheeler, W.M. 1928c: 25 (w.q.) CHINA. Combination in *Temnothorax*: Bolton, 2003: 271.

***arimensis****. Leptothorax (Leptothorax) arimensis* Azuma, 1953: 3 (w.) JAPAN. Azuma, 1977: 114 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Onoyama, 1980: 194, 212; Terayama & Onoyama, 1999: 80.

*armouri. Leptothorax risii* subsp. *armouri* Wheeler, W.M. 1927g: 111 (w.) SPAIN (Canary Is). Junior synonym of *risii*: Hohmann, La Roche, *et al*. 1993: 151.

***arpini****. Leptothorax arpini* Tarbinsky, 1976: 91, figs. 148-150, 189 (w.) KYRGYZSTAN. Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *narinicus*: Radchenko, 1994d: 150 (in key); Radchenko, 1995d: 10.

***artvinensis****. Temnothorax artvinense* Seifert, 2006: 10, figs. 11 – 13 (w.q.) TURKEY.

***atlantis****. Leptothorax atlantis* Santschi, 1911a: 13, fig. 9 (w.) ALGERIA. Cagniant & Espadaler, 1997: 277 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *normandi*: Santschi, 1921b: 426. Revived status as species: Emery, 1924d: 253; Cagniant, 1964: 105. Subspecies of *angustulus*: Cagniant, 1970a: 420. Revived status as species and senior synonym of *brunea*: Cagniant & Espadaler, 1997: 277.

*atomus* Forel, 1905b: 173 (**unavailable name**); see under ***LEPTOTHORAX***.

***atomus****. Leptothorax atomus* Cagniant & Espadaler, 1997: 274, figs. 16, 55 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

*atrinodis. Macromischa (Macromischa) squamifera* var. *atrinodis* Mann, 1920: 412, fig. 2 (w.q.) CUBA. Junior synonym of *squamifer*: Wheeler, W.M. 1931b: 21; Baroni Urbani, 1978b: 508.

***augusti****. Leptothorax augusti* Baroni Urbani, 1978b: 423. Replacement name for *Macromischa* *foreli* Aguayo, 1931: 182. [Junior secondary homonym of *Leptothorax foreli* Santschi, 1907: 330.] Combination in *Temnothorax*: Bolton, 2003: 271.

***auresianus****. Leptothorax auresianus* Santschi, 1929e: 158, figs. 11, 12 (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***aveli****. Leptothorax aveli* Bondroit, 1918: 127, fig. 62 (w.) FRANCE. Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *berlandi, rabaudi*: Casevitz-Weulersse & Galkowski, 2009: 494. Current subspecies: nominal plus *pici*.

***aztecus****. Macromischa azteca* Wheeler, W.M. 1931b: 8 (w.q.m.) MEXICO. Combination in *Leptothorax*: Baroni Urbani, 1978b: 425; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *maya*: Baroni Urbani, 1978b: 425.

*baborensis* Cagniant, 1970b: 207 (**unavailable name**); see under ***LEPTOTHORAX***.

*babuganicus. Leptothorax pithyusae* subsp. *babuganicus* Arnol'di, 1977a: 201 (w.) UKRAINE. Junior synonym of *tauricus*: Radchenko, 1995c: 16.

***baeticus****. Leptothorax baeticus* Emery, 1924c: 165, fig. A (w.) SPAIN. Santschi, 1931a: 5 (q., name misspelled as *boeticus*); Tinaut, 1989: 51 (m.). Combination in *Temnothorax*: Bolton, 2003: 271.

*balcanica. Leptothorax rottenbergi* var. *balcanica* Santschi, 1909b: 474, fig. 7 (w.) BULGARIA. Junior synonym of *semiruber*: Agosti & Collingwood, 1987a: 56.

*balchashensis. Leptothorax balchashensis* Arnol'di, 1971: 1822, fig. 2 (w.q.m.) KAZAKHSTAN. Junior synonym of *melleus*: Radchenko, 1995a: 26.

*balli. Leptothorax balli* Santschi, 1939c: 3, fig. 1 (w.) MOROCCO. Junior synonym of *tyndalei*: Cagniant & Espadaler, 1997: 273.

***banao****. Leptothorax banao* Fontenla Rizo, 1998: 63, fig. 2 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

*barbarus. Leptothorax (Temnothorax) recedens* var. *barbarus* Santschi, 1939d: 76 (w.q.) TUNISIA. Junior synonym of *recedens*: Cagniant & Espadaler, 1997: 268.

***barbouri****. Macromischa barbouri* Aguayo, 1931: 176 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 427; in *Temnothorax*: Bolton, 2003: 271.

***barroi****. Macromischa (Croesomyrmex) barroi* Aguayo, 1931: 179 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 428; in *Temnothorax*: Bolton, 2003: 271.

***barryi****. Leptothorax barryi* Cagniant, 1967b: 272, 2 figs. (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***basara****. Leptothorax basara* Terayama & Onoyama, 1999: 80, fig. 19 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*berlandi. Leptothorax berlandi* Bondroit, 1918: 130 (w.) FRANCE. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *rabaudi*: Bernard, 1956a: 163; Bernard, 1967: 210. Revived from synonymy: Collingwood & Yarrow, 1969: 72. Junior synonym of *aveli*: Casevitz-Weulersse & Galkowski, 2009: 4494.

***bermudezi****. Croesomyrmex bermudezi* Wheeler, W.M. 1931b: 26 (w.) CUBA. Wheeler, G.C. & Wheeler, J. 1955b: 18 (l.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 429; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *mutabilis*: Baroni Urbani, 1978b: 429; of *anemicus*: Fontenla Rizo, 1997a: 49.

***bestelmeyeri****. Leptothorax (Myrafant) bestelmeyeri* Mackay, 2000: 318, figs. 26, 41, 42, 87-89 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

\**beyrichi* Mayr, 1868; see under ***VOLLENHOVIA***.

***bicolor****. Leptothorax (Myrafant) bicolor* Mackay, 2000: 320, figs. 23, 25, 90, 91 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

*bierigi. Macromischa (Croesomyrmex) bierigi* Santschi, 1931c: 273, fig. 7 (w.) CUBA. Junior synonym of *archeri*: Brown, 1959e: 74.

***bikara****. Leptothorax bikara* Terayama & Onoyama, 1999: 81, figs. 20, 21 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***bimbache.*** *Temnothorax bimbache* Espadaler, 2007: 120, figs. 1 – 3 (w.q.) SPAIN (Canary Is).

***blascoi****. Leptothorax blascoi* Espadaler, 1997a: 152 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

*boccaris. Leptothorax exilis* var. *boccaris* Santschi, 1923f: 331 (w.) TUNISIA. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041.

*boiteli. Leptothorax flavispinus* st. *boiteli* Santschi, 1929e: 152 (w.) ALGERIA. Junior synonym of *santschii*: Cagniant & Espadaler, 1997: 276.

***bordagei****. Leptothorax angustulus* var. *bordagei* Bondroit, 1918: 137 (w.) FRANCE.

***bradleyi****. Leptothorax bradleyi* Wheeler, W.M. 1913c: 113 (w.) U.S.A. Wilson, 1952a: 69 (q.m.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 321.

*brasiliensis* Borgmeier, 1955 [*Macromischa*]; see under ***ROGERIA***.

***brauneri****. Leptothorax serviculus* var. *brauneri* Ruzsky, 1905b: 603 (w.) CAUCASUS. Radchenko, 1995d: 4 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Arnol'di, 1977a: 203.

*brauneri. Leptothorax (Leptothorax) tuberum* var. *brauneri* Karavaiev, 1937: 172, fig. 2 (w.) RUSSIA. [Junior primary homonym of *brauneri* Ruzsky, above.] Replacement name: *brauniella* Radchenko, 1995c: 15.

*brauniella*. *Leptothorax tuberum* *brauniella* Radchenko, 1995c: 15. Replacement name for *brauneri* Karavaiev, above. [Junior primary homonym of *brauneri* Ruzsky, 1905b: 603.] Junior synonym of *unifasciatus*: Radchenko, 1995c: 15.

***brevispinosus****. Leptothorax (Myrafant) brevispinosus* Mackay, 2000: 323, figs. 24, 95 (w.q.m.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

***brevispinus****. Leptothorax brevispinus* Chang & He, 2001b: 2, figs. 1, 5, 9 (w.) CHINA. Combination in *Temnothorax*: Zhou, *et al*. 2010: 10 (in key).

***bristoli****. Leptothorax (Myrafant) bristoli* Mackay, 2000: 326, figs. 28, 96 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

*brunea. Leptothorax angustulus* var. *brunea* Santschi, 1918a: 35 (w.) ALGERIA. [First available use of *Leptothorax angustulus* st. *algiricus* var. *brunea* Santschi, 1911a: 13; unavailable name.] Junior synonym of *atlantis*: Cagniant & Espadaler, 1997: 277.

***bruneri****. Macromischa (Macromischa) bruneri* Mann, 1924: 19 (w.) CUBA. Combination in *Leptothorax*:Baroni Urbani, 1978b: 431; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *imitatrix, ornatipes, proxima*: Baroni Urbani, 1978b: 431.

*brunneipes. Macromischa scabripes* var. *brunneipes* Wheeler, W.M. 1937b: 449 (w.) CUBA. Junior synonym of *scabripes*: Baroni Urbani, 1978b: 496.

*brunnescens. Leptothorax rugatulus* subsp. *brunnescens* Wheeler, W.M. 1917a: 510 (w.) U.S.A. Wheeler, G.C. & Wheeler, J. 1955b: 25 (l.). Combination in *L. (Myrafant*): Wheeler, G.C. & Wheeler, J. 1955b: 25. Senior synonym of *dakotensis*: Creighton, 1950a: 269. Junior synonym of *rugatulus*: Mackay, 2000: 394.

***bucheti****. Leptothorax bucheti* Santschi, 1909b: 480, fig. 10 (w.q.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *festai, mixtus, tuneticus*.

***bugnioni****. Leptothorax bugnioni* Forel, 1894d: 33 (w.q.) ALGERIA. Cagniant & Espadaler, 1997: 280 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Santschi, 1909b: 463. Current subspecies: nominal plus *pupseli*.

***bulgaricus****. Leptothorax bulgaricus* Forel, 1892i: 314, pl. 5, fig. 5 (w.) BULGARIA. Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *aeolius, cypridis, smyrnensis*. See also: Atanassov & Dlussky, 1992: 135.

***cabrerae****. Leptothorax cabrerae* Forel, 1893d: 464 (w.) SPAIN (Canary Is). [Also described as new by Forel, 1894a: 160.] Santschi, 1909b: 465 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *stitzi*: Hohmann, La Roche, *et al*. 1993: 149.

***caesari****. Leptothorax caesari* Espadaler, 1997c: 146, figs. 1-6 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***cagnianti****. Leptothorax cagnianti* Tinaut, 1983: 319, figs. 1-5 (w.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***canescens****. Leptothorax canescens* Santschi, 1908: 526 (q.) SPAIN (Canary Is). Santschi, 1919g: 407 (w.). Combination in *Temnothorax*: Bolton, 2003: 271.

***carinatus****. Leptothorax (Leptothorax) carinatus* Cole, 1957d: 213, fig. 1 (w.q.) U.S.A. Wheeler, G.C. & Wheeler, J. 1973b: 70 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 328.

*carinthiacus. Leptothorax carinthiacus* Bernard, 1957a: 46, figs. 1, 2 (w.q.m.) AUSTRIA. Junior synonym of *sordidulus*: Schulz, 1991: 121.

*caucasicus. Leptothorax caucasicus* Arnol'di, 1977a: 198 (w.) GEORGIA. Radchenko, 1995d: 6 (q.m.). Senior synonym of *hasardaghi*: Radchenko, 1994d: 154 (in key); Radchenko, 1995d: 5. Junior synonym of *nadigi*: Schulz, in Czechowski, Radchenko & Czechowska, 2002: 55.

***cenatus****. Leptothorax cenatus* Bolton, 1982: 327, figs. 11, 15 (w.) KENYA. Combination in *Temnothorax*: Bolton, 2003: 271.

*cervantesi. Leptothorax cervantesi* Santschi, 1919e: 242, fig. 1 (w.) SPAIN. Junior synonym of *tyndalei*: Cagniant & Espadaler, 1997: 273.

***chandleri****. Leptothorax (Myrafant) chandleri* Mackay, 2000: 330, figs. 35, 99 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

*chloana. Macromischa chloana* Wheeler, W.M. 1937b: 454 (w.) CUBA. Junior synonym of *dissimilis*: Brown, 1959e: 74; Baroni Urbani, 1978b: 439.

*chobauti. Leptothorax rusticus* var. *chobauti* Santschi, 1923f: 330 (w.) ALGERIA. Junior synonym of *oraniensis*: Cagniant & Espadaler, 1997: 269.

***ciferrii****. Macromischa (Antillaemyrmex) ciferrii* Menozzi & Russo, 1930: 160, fig. 5 (w.) DOMINICAN REPUBLIC. Combination in *Antillaemyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 433; in *Temnothorax*: Bolton, 2003: 271.

*cingulata. Myrmica cingulata* Schenck, 1852: 104 (w.q.m.) GERMANY. [Also described as new by Schenck, 1853: 188.] Junior synonym of *nylanderi*: Mayr, 1855: 447.

*ciscaucasicus. Leptothorax tuberum* subsp. *ciscaucasicus* Arnol'di, 1977a: 204 (w.q.) RUSSIA. Junior synonym of *tuberum*: Radchenko, 1995c: 15.

***clivulus****. Leptothorax flavispinus* var. *clivulus* Santschi, 1939d: 76 (w.) TUNISIA.

***clypeatus****. Myrmica clypeata* Mayr, 1853c: 282 (w.) AUSTRIA. Stitz, 1914: 62 (q.m.); Emery, 1916b: 183 (q.); Jaeger, 1933: 101 (m.). Combination in *Leptothorax*: Mayr, 1855: 436; in *Temnothorax*: Bolton, 2003: 271. See also: Stitz, 1939: 177; Baroni Urbani, 1971c: 103; Atanassov & Dlussky, 1992; 135.

*cockerelli. Leptothorax rugatulus* var. *cockerelli* Wheeler, W.M. 1917a: 509 (w.q.) U.S.A. [First available use of *Leptothorax curvispinosus* subsp. *rugatulus* var. *cockerelli* Wheeler, W.M. 1903c: 241; unavailable name.] Junior synonym of *rugatulus*: Creighton, 1950a: 269.

***cokendolpheri****. Leptothorax (Myrafant) cokendolpheri* Mackay, 2000: 332, figs. 30, 100, 101 (w.q.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

***coleenae****. Leptothorax (Myrafant) coleenae* Mackay, 2000: 335, figs. 37, 102 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

***colettae****. Leptothorax laurae* var. *colettae* Santschi, 1915a: 60, fig. 6 (w.) TUNISIA.

*colorata* Santschi, 1909b: 477 (**unavailable name**); see under ***LEPTOTHORAX***.

***confucii****. Tetramorium confucii* Forel, 1912a: 53 (w.q.) TAIWAN. Combination in *Leptothorax*: Bolton, 1977: 70; in *Temnothorax*: Bolton, 2003: 271.

***congruus****. Leptothorax congruus* Smith, F. 1874: 406 (w.) JAPAN. Wheeler, W.M. 1906c: 317 (q.); Wheeler, G.C. & Wheeler, J. 1955b: 24 (l.); Imai & Kubota, 1972: 197 (k.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Terayama & Onoyama, 1999: 83.

*convexotrabutii* Forel, 1894d: 38 (**unavailable name**); see under ***LEPTOTHORAX***.

***convexus****. Leptothorax convexus* Forel, 1894d: 36 (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *submuticus*: Cagniant & Espadaler, 1997: 278.

*cordieri. Leptothorax cordieri* Bondroit, 1918: 126, fig. 62 (w.) FRANCE (Corsica). Junior synonym of *unifasciatus*: Casevitz-Weulersse, 1990b: 417.

***cornibrevis****. Leptothorax cornibrevis* Collingwood, 1961a: 63, fig. 8 (w.) AFGHANISTAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***corticalis****. Myrmica corticalis* Schenck, 1852: 100 (w.q.) GERMANY. [Also described as new in Schenck, 1853: 187.] Stitz, 1914: 63 (m.). Combination in *Leptothorax*: Mayr, 1855: 440; in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1874: 85; André, 1883a: 16; Ruzsky, 1902d: 21; Bondroit, 1910: 497; Stitz, 1914: 63. Status as species: Dalla Torre, 1893: 123; Bondroit, 1912: 351; Donisthorpe, 1915d: 160; Bondroit, 1918: 124; Emery, 1924d: 253; Karavaiev, 1934: 136; Stitz, 1939: 174; Novak & Sadil, 1941: 91; Kutter, 1977c: 131; Collingwood, 1979: 74; Atanassov & Dlussky, 1992: 137.

*crassispina* Santschi, 1911a: 11 (**unavailable name**); see under ***LEPTOTHORAX***.

***crassispinus****. Leptothorax (Leptothorax) nylanderi* var. *crassispina* Karavaiev, 1926f: 69 (w.q.) UKRAINE. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nylanderi*: Karavaiev, 1934: 137; Radchenko, 1995d: 3. Raised to species and senior synonym of *slavonicus*: Radchenko, 2000: 44.

***creightoni****. Macromischa creightoni* Mann, 1929: 163, fig. 2 (w.q.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 434; in *Temnothorax*: Bolton, 2003: 271.

***creolus****. Leptothorax creolus* Baroni Urbani, 1978b: 437, figs. 44, 94 (w.) SANTO DOMINGO. Combination in *Temnothorax*: Bolton, 2003: 271.

***crepuscularis****. Leptothorax crepuscularis* Tinaut, 1994: 90, figs. 1-4 (w.q.m.) SPAIN. Combination in Temnothorax: Bolton, 2003: 271.

*cressoni* André, 1887 [*Macromischa*]; see under ***PHEIDOLE***.

*creticus. Leptothorax exilis* subsp. *creticus* Forel, 1910a: 23 (w.q.) GREECE (Crete). Menozzi, 1936d: 289 (m.). Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041.

***cristinae****. Leptothorax cristinae* Espadaler, 1997a: 153 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

*csikii. Leptothorax melleus* subsp. *csikii* Pisarski, 1969b: 298, figs. 1-4 (w.) MONGOLIA. Junior synonym of *melleus*: Radchenko, 1995a: 26.

***cuneinodis****. Temnothorax cuneinodis* Radchenko, 2004: 112, figs. 1-3 (w.) NORTH KOREA.

***curtulus****. Leptothorax tebessae* st. *curtulus* Santschi, 1929e: 158, fig. 7 (w.) MOROCCO. Cagniant, 1970a: 426 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Cagniant, 1970a: 425. Current subspecies: nominal plus *gentilis*. See also: Cagniant, 1987c: 249; Cagniant & Espadaler, 1997: 276.

***curvispinosus****. Leptothorax curvispinosus* Mayr, 1866a: 508, pl., fig. 13 (w.) U.S.A. Mayr, 1886d: 451 (q.); Mackay, 2000: 338 (m.). Combination in *L. (Myrafant*): Smith, M.R. 1950: 30; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *gallarum*: Mayr, 1886d: 453. See also: Wheeler, W.M. 1903c: 239; Mackay, 2000: 337.

*curvispinosus. Leptothorax nigrita* var. *curvispinosus* André, 1881b: 72 (w.) ISRAEL. [Junior primary homonym of *curvispinosus* Mayr, above.] Replacement name: *flavispinus* André, 1883a: 302.

*curvithorax. Leptothorax curvithorax* Bondroit, 1918: 130, fig. 63 (w.) FRANCE. Junior synonym of *rabaudi*: Bernard, 1967: 210.

***cuyagueteje****. Leptothorax cuyagueteje* Fontenla Rizo, 1998: 65, fig. 3 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

***cypridis****. Leptothorax bulgaricus* st. *cypridis* Santschi, 1930c: 266 (w.q.) CYPRUS.

*dakotensis. Leptothorax rugatulus* subsp. *dakotensis* Wheeler, G.C. & Wheeler, E.W. 1944: 247 (w.) U.S.A. Junior synonym of *brunnescens*: Creighton, 1950a: 269.

*darii. Leptothorax exilis* var. *darii* Forel, 1911d: 334 (w.) TURKEY. Menozzi, 1936d: 287 (q.l.). Subspecies of *exilis*: Cori & Finzi, 1931: 238. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041.

***darlingtoni****. Macromischa darlingtoni* Wheeler, W.M. 1937b: 450 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 438; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *opalina*: Fontenla Rizo, 1997a: 50.

*davisi. Leptothorax texanus* subsp. *davisi* Wheeler, W.M. 1905f: 385 (w.q.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1395; in *Temnothorax*: Bolton, 2003: 271. Raised to species: Mackay, 2000: 340. Junior synonym of *texanus*: Deyrup & Cover, 2004a: 56. See also: Smith, M.R. 1952b: 104.

***delaparti****. Leptothorax delaparti* Forel, 1890a: lxxii (w.q.) ALGERIA. Cagniant & Espadalar, 1997: 269 (m.). Combination in *L. (Temnothorax*): Emery, 1891b: 5; in *Temnothorax*: Cagniant, 1970a: 418; Bolton, 2003: 271. Senior synonym of *emeryi*: Cagniant & Espadalar, 1997: 269

*denticulatus. Leptothorax denticulatus* Stitz, 1917: 336, fig. 4 (w.) SPAIN (Canary Is). [Junior primary homonym of *Leptothorax denticulatus* Mayr, 1901b: 5 (now in *Nesomyrmex*).] Replacement name: *stitzi* Santschi, 1918a: 34.

***desertorum****. Temnothorax desertorum* Dlussky & Soyunov, 1988: 35, figs. 1, 2 (w.q.) RUSSIA. Combination in *Leptothorax*: Bolton, 1995b: 238; in *Temnothorax*: Bolton, 2003: 271.

***desioi****. Leptothorax (Leptothorax) desioi* Menozzi, 1939a: 303, figs. 7, 8 (w.q.m.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *melanicus*.

***dessyi****. Leptothorax (Leptothorax) dessyi* Menozzi, 1936d: 289, fig. 13 (w.) GREECE. Combination in *Temnothorax*: Bolton, 2003: 271.

*dichroa. Leptothorax exilis* var. *dichroa* Emery, 1916b: 174 (w.) ITALY. [First available use of *Leptothorax tuberum* subsp. *exilis* var. *dichroa* Emery, 1905a: 452; unavailable name.] Junior synonym of *leviceps*: Emery, 1916b: 174.

***discoloratus****. Leptothorax discoloratus* Arnol'di, 1977a: 200 (w.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***dissimilis****. Macromischa dissimilis* Aguayo, 1932: 220 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 439; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *chloana*: Brown, 1959e: 74.

***ditifet****. Leptothorax ditifet* Espadaler, in Cagniant & Espadaler, 1997: 279, figs. 29, 64 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***duloticus****. Leptothorax (Mychothorax) duloticus* Wesson, L.G. 1937: 125, fig. 1 (w.q.) U.S.A. Wesson, L.G. 1940: 81 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Wilson, 1975: 108.

***eburneipes****. Leptothorax congruus* var. *eburneipes* Wheeler, W.M. 1927e: 1 (w.) CHINA. Raised to species: Wheeler, W.M. 1929f: 8. Combination in *Temnothorax*: Bolton, 2003: 271.

*elderensis. Leptothorax elderensis* Dlussky & Zabelin, 1985: 225, fig. 3 (w.) TURKMENIA. Junior synonym of *tesquorum*: Radchenko, 1994d: 150 (in key); Radchenko, 1996c: 18.

*eldoradensis. Leptothorax eldoradensis* Wheeler, W.M. 1915b: 414 (w.) U.S.A. Subspecies of *nevadensis*: Creighton, 1950a: 266. Junior synonym of *nevadensis*: Mackay, 2000: 376.

*elongatus. Leptothorax elongatus* Santschi, 1919e: 247 (w.) SPAIN (Canary Is). Junior synonym of *risii*: Hohmann, La Roche, *et al*. 1993: 151.

*emeryi. Leptothorax (Temnothorax) emeryi* Santschi, 1923f: 333, fig. 4 (w.) ALGERIA. Combination in *Temnothorax*: Cagniant, 1970a: 419. Junior synonym of *delaparti*: Cagniant & Espadaler, 1997: 269.

***emmae****. Leptothorax (Myrafant) emmae* Mackay, 2000: 342, figs. 67, 107, 108 (w.q.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

*ergatogyna. Leptothorax (Temnothorax) ergatogyna* Bernard, 1950a: 17, fig. 3 (w.q.) FRANCE. Combination in *Temnothorax*: Bernard, 1967: 186. Junior synonym of *recedens*: Dlussky & Soyunov, 1988: 31.

***ernesti****. Leptothorax rottenbergi* st. *ernesti* Santschi, 1909b: 478 (w.) ALGERIA.

*esmirensis* Santschi, 1936 (**unavailable name**); see under ***LEPTOTHORAX***.

*euxanthus* Plateaux, 1981 (**unavailable name**); see under ***LEPTOTHORAX***.

***exilis****. Leptothorax exilis* Emery, 1869b: 15, pl. 1, fig. 9 (w.) ITALY. Emery, 1916b: 183, 186 (q.m., respectively). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Emery & Forel, 1879: 459; Emery, 1891b: 6; Ruzsky, 1902d: 21; Emery, 1915h: 2. Status as species: Dalla Torre, 1893: 124; Forel, 1913d: 433; Emery, 1916b: 174; Santschi, 1923f: 331; Müller, 1923: 89; Finzi, 1924a: 13; Santschi, 1929e: 153; Baroni Urbani, 1971d: 1041. Senior synonym of *ruficornis*: Emery, 1916b: 174; of *boccaris, creticus, darii, nitidulus* and material of the unavailable name *esmirensis* referred here: Baroni Urbani, 1971d: 1041.

*facetus. Leptothorax flavispinus* var. *facetus* Santschi, 1939c: 2 (w.) MOROCCO. Junior synonym of *santschii*: Cagniant & Espadaler, 1997: 276.

***festai****. Leptothorax bucheti* var. *festai* Emery, 1924a: 9 (w.) LIBYA.

***finzii****. Leptothorax (Mymammophilus) finzii* Menozzi, 1925d: 29, fig. 2 (w.q.m.) ITALY. Combination in *Temnothorax*: Bolton, 2003: 271.

*firssovi. Leptothorax nassonovi* subsp. *firssovi* Kuznetsov-Ugamsky, 1928b: 28, fig. 5 (w.) RUSSIA. [Misspelled as *frissovi* by Pisarski, 1969b: 302.] Junior synonym of *nassonovi*: Kupyanskaya, 1990: 143.

***flavicornis****. Leptothorax flavicornis* Emery, 1870: 197 (w.q.) ITALY. Emery, 1895b: 69 (m.). Combination in *L. (Mychothorax*): Forel, 1915d: 26; in *Temnothorax*: Bolton, 2003: 271. Subspecies of *acervorum*: Forel, 1874: 84. Revived status as species: Emery & Forel, 1879: 458. See also: Emery, 1916b: 182 (in key); Bondroit, 1918: 122; Baroni Urbani, 1971c: 109; Kutter, 1977c: 131.

***flavidulus****. Macromischa flavidula* Wheeler, W.M. & Mann, 1914: 37, fig. 15 (w.q.) HAITI. Combination in *M. (Antillaemyrmex)*: Mann, 1920: 408; in *Antillaemyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 441; in *Temnothorax*: Bolton, 2003: 271.

***flavispinus****. Leptothorax nigrita* var. *flavispinus* André, 1883a: 302. Replacement name for *curvispinosus* André, 1881b: 72. [Junior primary homonym of *curvispinosus* Mayr, 1866a: 508.] Menozzi, 1933b: 67 (m.); Kugler, J. & Soussan, 1992: 210 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Emery, 1891b: 5. Current subspecies: nominal plus *amilcaris, clivulus, impurus, rufescens*.

*flavitarsis. Macromischa (Macromischa) flavitarsis* Mann, 1920: 420 (w.q.) GUATEMALA. Wheeler, W.M. 1931b: 14 (m.). Junior synonym of *subditivus*: Baroni Urbani, 1978b: 512.

*flavus. Leptothorax (Dichothorax) pergandei* subsp. *flavus* Smith, M.R. 1929: 549 (w.q.) U.S.A. Junior synonym of *floridanus*: Creighton, 1950a: 260.

*floridanus. Leptothorax (Dichothorax) floridanus* Emery, 1895c: 324 (w.) U.S.A. Status as species: Wheeler, W.M. 1903c: 259; Wheeler, W.M. 1932a: 11. Subspecies of *pergandei*: Smith, M.R. 1929: 551; Creighton, 1950a: 260. Senior synonym of *flavus* and material of the unavailable name *spinosus* referred here: Creighton, 1950a: 260. Junior synonym of *pergandei*: Mackay, 1993a: 289.

*floridanus. Antillaemyrmex floridanus* Wheeler, W.M. 1931b: 27 (w.) U.S.A. [**Unresolved junior secondary homonym** of *Leptothorax floridanus* Emery, above.] Combination in *Macromischa*: Wheeler, W.M. 1937b: 465. Junior synonym of *allardycei*: Baroni Urbani, 1978b: 415.

***foreli****. Leptothorax foreli* Santschi, 1907: 330 (w.) TUNISIA. Combination in *L. (Temnothorax*): Santschi, 1918a: 32; in *Temnothorax*: Bolton, 2003: 271.

*foreli. Macromischa foreli* Aguayo, 1931: 182. Replacement name for *Leptothorax petiolatus* Forel, 1901c: 129. [Junior secondary homonym of \**Macromischa petiolata* Mayr, 1868c: 85.] [Junior secondary homonym of *Leptothorax foreli* Santschi, above.] Replacement name: *augusti* Baroni Urbani, 1978b: 423.

***formosus****. Leptothorax formosus* Santschi, 1909b: 469 (w.) MOROCCO. Cagniant & Espadaler, 1997: 280 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271.

*fortinodis. Leptothorax fortinodis* Mayr, 1886d: 452 (w.q.) U.S.A. Combination in *L. (Myrafant*): Smith, M.R. 1950: 30. Subspecies of *schaumii*: Wesson L.G. & Wesson, R.G. 1940: 96. See also: Wheeler, W.M. 1903c: 233. Junior synonym of *schaumii*: Creighton, 1950a: 271.

***foveatus****. Leptothorax foveata* Smith, M.R. 1934b: 211 (w.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392. Currently subspecies of *ambiguus*: Creighton, 1950a: 263.

***fragosus****. Leptothorax (Myrafant) fragosus* Mackay & Buschinger, 2002: 540, figs. 1-8 (w.q.m.) CANADA. Combination in *Temnothorax*: Bolton, 2003: 271.

***fuentei****. Leptothorax fuentei* Santschi, 1919e: 243, fig. 2 (w.) SPAIN. Menozzi, 1922b: 328 (m.). Combination in *Temnothorax*: Bolton, 2003: 271.

***fultonii****. Leptothorax fultonii* Forel, 1902c: 229 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Bingham, 1903: 216.

***fumosus****. Leptothorax satunini* subsp. *fumosus* Ruzsky, 1923: 4 (w.) TRANSCAUCASUS. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *bulgaricus*: Kuznetsov-Ugamsky, 1927d: 40. Raised to species: Dlussky, Soyunov & Zabelin, 1990: 190.

***furunculus****. Leptothorax furunculus* Wheeler, W.M. 1909e: 82 (w.) U.S.A. Combination in *L. (Myrafant)*: Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 344.

***fuscatus****. Macromischa (Macromischa) fuscata* Mann, 1920: 420 (w.) GUATEMALA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 442; in *Temnothorax*: Bolton, 2003: 271.

***fusciventris****. Leptothorax arenarius* var. *fusciventris* Santschi, 1911f: 85 (w.) TUNISIA. Combination in *L. (Temnothorax)*: Emery, 1924d: 259.

***gaetulus****. Leptothorax gaetulus* Santschi, 1923f: 332, fig. 3 (w.) MOROCCO. Cagniant & Espadaler, 1997: 272 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271.

*galatica* Santschi, 1921a: 111 (**unavailable name**); see under ***LEPTOTHORAX***.

*galeatus. Leptothorax galeatus* Wheeler, W.M. 1927e: 1 (w.) CHINA. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nassonovi*: Radchenko, 2004: 126.

***gallae****. Leptothorax (Leptothorax) gallae* Smith, M.R. 1949e: 112 (w.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 346.

*gallarum. Stenamma gallarum* Patton, 1879: 126 (footnote) (w.q.) U.S.A. Junior synonym of *curvispinosus*: Mayr, 1886d: 453.

***gapsensis****. Leptothorax tebessae* var. *gapsensis* Santschi, 1929e: 156, fig. 9 (w.) TUNISIA.

*gazella. Leptothorax gazella* Santschi, 1923f: 329 (w.) TUNISIA. Junior synonym of *algiricus*: Cagniant & Espadaler, 1997: 278.

***gentilis****. Leptothorax tebessae* var. *gentilis* Santschi, 1923f: 330 (w.) TUNISIA. [First available use of *Leptothorax tuberum* st. *tebessae* var. *gentilis* Santschi, 1918a: 36; unavailable name.] Santschi, 1923f: 330 (q.); Cagniant, 1970a: 426 (m.). Currently subspecies of *curtulus*: Cagniant, 1970a: 426.

***gibbifer****. Leptothorax gibbifer* Baroni Urbani, 1978b: 444, figs. 56, 132 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

*gilvus. Leptothorax fortinodis* var. *gilvus* Wheeler, W.M. 1903c: 235 (w.q.) U.S.A. Junior synonym of *schaumii*: Creighton, 1950a: 271.

*glaber. Leptothorax glaber* Santschi, 1925g: 345 (w.) SPAIN. Junior synonym of *niger*: Espadaler, 1981: 80.

\****glaesarius****. \*Leptothorax glaesarius* Wheeler, W.M. 1915h: 64 (w.) BALTIC AMBER (Eocene). Combination in *Temnothorax*: Bolton, 2003: 271.

*globulinodis. Leptothorax risii* st. *globulinodis* Santschi, 1909b: 471, fig. 4 (w.) SPAIN (Canary Is). Junior synonym of *risii*: Barquin, 1981: 256.

***goniops****. Leptothorax goniops* Baroni Urbani, 1978b: 445, figs. 65, 110 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

***gracilicornis****. Leptothorax gracilicornis* Emery, 1882: 450, fig. (w.q.) SPAIN (Canary Is). Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *nivarianus*.

\****gracilis****. \*Leptothorax gracilis* Mayr, 1868c: 89, pl. 5, figs. 89-92 (w.m.) BALTIC AMBER (Eocene). Combination in *Temnothorax*: Bolton, 2003: 271.

*gracilis. Macromischa (Croesomyrmex) bermudezi* var. *gracilis* Aguayo, 1932: 223 (w.) CUBA. [Junior secondary homonym of *Leptothorax gracilis* Mayr, above.] Replacement name: *anemicus* Baroni Urbani, 1978b: 420.

***graecus****. Leptothorax bulgaricus* subsp. *graecus* Forel, 1911d: 336 (w.q.) GREECE. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Agosti & Collingwood, 1987a: 55.

***gredosi****. Leptothorax gredosi* Espadaler & Collingwood, 1982: 42, figs. 1-14 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***grouvellei****. Leptothorax grouvellei* Bondroit, 1918: 135 (w.) FRANCE. Espadaler, DuMerle & Plateaux, 1983: 275 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *niger*: Emery, 1924d: 255. Revived status as species: Espadaler & Collingwood, 1982: 42.

***guanahacabibes****. Leptothorax versicolor* subsp. *guanahacabibes* Fontenla Rizo, 1995a: 53 (w.) CUBA.

*guancha. Leptothorax nivarianus* var. *guancha* Santschi, 1925g: 344 (w.q.) SPAIN (Canary Is). Junior synonym of *nivarianus*: Hohmann, La Roche, *et al*. 1993: 151.

***gundlachi****. Macromischa gundlachi* Wheeler, W.M. 1913b: 488 (w.) CUBA. Combination in *M. (Croesomyrmex)*: Mann, 1920: 408; in *Croesomyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 446; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *aguayoi*: Fontenla Rizo, 1997a: 50.

***hadrumetensis****. Leptothorax (Temnothorax) hadrumetensis* Santschi, 1918a: 31, fig. A (w.q.) TUNISIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***haira****. Leptothorax haira* Terayama & Onoyama, 1999: 84, fig. 29 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*hasardaghi. Leptothorax hasardaghi* Dlussky & Zabelin, 1985: 226, fig. 4 (w.q.) TURKMENIA. Junior synonym of *caucasicus*: Radchenko, 1994d: 154 (in key).

*haytiana. Macromischa sallei* subsp. *haytiana* Wheeler, W.M. & Mann, 1914: 33, figs. 12-14 (w.q.m.) HAITI. Junior synonym of *sallei*: Baroni Urbani, 1978b: 490.

*heathii. Leptothorax nitens* var. *heathii* Wheeler, W.M. 1903c: 245 (w.) U.S.A. Subspecies of *nitens*: Creighton, 1950a: 265. Junior synonym of *nitens*: Cole, 1958c: 536; of *andrei*: Ward, 2005: 15.

***hengshanensis****. Leptothorax hengshanensis* Huang, Chen & Zhou, 2004: 766 (w.) CHINA. Combination in *Temnothorax*: Zhou, *et al*. 2010: 9 (in key).

*herculea* Santschi, 1922a: 66 (**unavailable name**); see under ***LEPTOTHORAX***.

***hesperius****. Leptothorax hesperius* Santschi, 1909b: 467, fig. 1 (w.q.) SPAIN (Canary Is). Combination in *Temnothorax*: Bolton, 2003: 271.

***himachalensis****. Temnothorax himachalensis* Bharti, Gul & Schulz, 2012: 327, figs. 1-3 (w.) INDIA.

***hispaniolae****. Leptothorax hispaniolae* Baroni Urbani, 1978b: 448,figs. 50, 97 (w.q.m.) DOMINICAN REPUBLIC. Combination in *Temnothorax*: Bolton, 2003: 271.

***hispidus****. Leptothorax (Leptothorax) hispidus* Cole, 1957b: 42, fig. 1 (w.q.) U.S.A. Wheeler, G.C. & Wheeler, J. 1973b: 71 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 347.

***huatuo****. Temnothorax huatuo* Terayama, 2009: 183, fig. 242 (w.) TAIWAN.

***huehuetenangoi****. Leptothorax huehuetenangoi* Baroni Urbani, 1978b: 451, figs. 64, 106 (w.) GUATEMALA. Combination in *Temnothorax*: Bolton, 2003: 271.

*hyperisabellae. Leptothorax hyperisabellae* Baroni Urbani, 1978b: 453, figs. 38, 88 (w.) PUERTO RICO. Junior synonym of *isabellae*: Snelling, R.R. 1986: 155.

\****hystriculus****. \*Leptothorax hystriculus* Wheeler, W.M. 1915h: 65 (w.) BALTIC AMBER (Eocene). Combination in *Temnothorax*: Bolton, 2003: 271.

***ibericus****. Leptothorax ibericus* Menozzi, 1922b: 329, fig. 2 (w.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***imias****. Leptothorax imias* Fontenla Rizo, 1998: 66, figs. 4, 5 (w.q.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

*imitatrix. Macromischa bruneri* subsp. *imitatrix* Wheeler, W.M. 1937b: 457 (w.) CUBA. Junior synonym of *bruneri*: Baroni Urbani, 1978b: 431.

***impurus****. Leptothorax flavispinus* var. *impurus* Santschi, 1939d: 76 (w.) TUNISIA.

***indra****. Leptothorax indra* Terayama & Onoyama, 1999: 85, fig. 18 (w.q.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***inermis****. Leptothorax inermis* Forel, 1902c: 229 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Bingham, 1903: 215.

*inermis. Leptothorax hesperius* st. *inermis* Santschi, 1909b: 468, fig. 2 (w.q.) MOROCCO. [Junior primary homonym of *inermis* Forel, above.] Replacement name: *anacanthus* Santschi, 1912c: 149.

***interruptus****. Myrmica interrupta* Schenck, 1852: 106 (w.q.) GERMANY. [Also described as new by Schenck, 1853: 188.] Mayr, 1855: 446 (m.). Combination in *Leptothorax*: Mayr, 1855: 446; in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1874: 85; Emery & Forel, 1879: 458; André, 1883a: 299; Forel, 1890a: lxxiv; Emery, 1891b: 6; Bondroit, 1910: 497; Emery, 1916b: 175; Emery, 1924d: 256; Finzi, 1930d: 315; Stitz, 1939: 171. Status as species: Dalla Torre, 1893: 124; Bondroit, 1911: 12; Donisthorpe, 1915d: 166; Bondroit, 1918: 132; Müller, 1923: 94; Lomnicki, 1928: 3; Novak & Sadil, 1941: 93; Kratochvil, 1944: 42; Bernard, 1967: 212; Kutter, 1977c: 131; Collingwood, 1979: 75; Atanassov & Dlussky, 1992: 138. Senior synonym of *simpliciuscula*: Roger, 1859: 258; Mayr, 1861: 59. Current subspecies: nominal plus *nitidiceps*.

*ionia* Forel, 1911d: 336 (**unavailable name**); see under ***LEPTOTHORAX***.

*iowensis. Leptothorax longispinosus* subsp. *iowensis* Buren, 1945: 288. Replacement name for *laeviceps* Buren, 1944a: 287. [Junior primary homonym of *leviceps* Emery, 1898c: 134.] Junior synonym of *longispinosus*: Creighton, 1950a: 264.

***iranicus****. Leptothorax iranicus* Radchenko, 1994i: 26, fig. 3 (w.) IRAN. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 150.

***iris****. Macromischa iris* Roger, 1863a: 188 (w.) CUBA. Combination in *M. (Croesomyrmex*): Mann, 1920: 408; in *Croesomyrmex*: Wheeler, W.M. 1931b: 23; in *Leptothorax*: Baroni Urbani, 1978b: 454; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *nigripes*: Wheeler, W.M. 1931b: 24; of *rufithorax, tristis*: Baroni Urbani, 1978b: 454.

*irregularis* Santschi, 1909b: 480 (**unavailable name**); see under ***LEPTOTHORAX***.

***isabellae****. Macromischa isabellae* Wheeler, W.M. 1908a: 138, pl. 11, figs. 1, 2 (w.q.m.) PUERTO RICO. Combination in *Leptothorax*: Baroni Urbani, 1978b: 456; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *hyperisabellae, mutica*: Snelling, R.R. 1986: 155.

***italicus****. Leptothorax affinis* subsp. *italicus* Consani, in Consani & Zangheri, 1952: 41 (w.) ITALY. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Baroni Urbani, 1971c: 110.

***ixili****. Leptothorax ixili* Baroni Urbani, 1978b: 459, figs. 67, 111 (w.) GUATEMALA. Combination in *Temnothorax*: Bolton, 2003: 271.

***jailensis****. Leptothorax jailensis* Arnol'di, 1977a: 200 (w.) UKRAINE. Radchenko, 1995d: 11 (q.). Combination in *Temnothorax*: Bolton, 2003: 271.

***janushevi****. Leptothorax janushevi* Radchenko, 1994i: 27, fig. 4 (w.q.m.) TAJIKISTAN. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 151.

*jaumei. Macromischa (Macromischa) jaumei* Santschi, 1930e: 78 (w.) CUBA. Subspecies of *porphyritis*: Wheeler, W.M. 1931b: 18. Junior synonym of *porphyritis*: Baroni Urbani, 1978b: 480.

***jesus****. Leptothorax rottenbergi* var. *jesus* Forel, 1913d: 432 (w.) ISRAEL.

***josephi****. Leptothorax (Myrafant) josephi* Mackay, 2000: 349, figs. 78, 115-120 (w.q.m.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

*juglandeti. Leptothorax oxianus* subsp. *juglandeti* Arnol'di, in Tarbinsky, 1976: 103, figs. 196-171, 190 (w.) KYRGYZSTAN. Junior synonym of *oxianus*: Radchenko, 1995a: 27.

*junipereti. Leptothorax junipereti* Arnol'di, 1977a: 203 (w.) UKRAINE. Junior synonym of *knipovitshi*: Radchenko, 1994d: 156 (in key); Radchenko, 1995c: 18.

*kabyla* Santschi, 1918a: 33 (**unavailable name**); see under ***LEPTOTHORAX***.

***kashmirensis****. Temnothorax kashmirensis* Bharti, Gul & Schulz, 2012: 329, figs. 4-9 (w.q.) INDIA.

***kaszabi****. Leptothorax kaszabi* Pisarski, 1969b: 301, figs. 11-17 (w.q.) MONGOLIA. Radchenko, 1995c: 19 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *sachalinensis*: Radchenko, 1995c: 19.

***kefensis****. Leptothorax naeviventris* st. *kefensis* Santschi, 1929e: 153 (w.q.) TUNISIA.

***kemali****. Leptothorax kemali* Santschi, 1934d: 277 (w.) TURKEY. Combination in *Temnothorax*: Bolton, 2003: 271.

***kinomurai****. Leptothorax kinomurai* Terayama & Onoyama, 1999: 86, figs. 23-26 (q. and ergatoid q.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***kirghizicus****. Leptothorax kirghizicus* Tarbinsky, 1976: 100, figs. 134-137 (w.) KYRGYZSTAN. Combination in *Temnothorax*: Bolton, 2003: 271. Radchenko, 1995a: 28 (q.).

*kirillovi. Leptothorax tuberum* subsp. *kirillovi* Ruzsky, 1905b: 591, fig. 140 (w.) KAZAKHSTAN. Junior synonym of *unifasciatus*: Radchenko, 1995c: 15.

***kiudiria****. Leptothorax kiudiria* Espadaler, in Cagniant & Espadaler, 1997: 278, figs. 23, 62 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***knipovitshi****. Leptothorax tuberum* subsp. *knipovitshi* Karavaiev, 1916: 499 (w.q.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species and senior synonym of *junipereti, nikitae*: Radchenko, 1994d: 156 (in key); Radchenko, 1995c: 17.

***korbi****. Leptothorax corticalis* var. *korbi* Emery, 1924d: 254 (w.q.) TRANSCAUCASIA. [First available use of *Leptothorax tuberum* subsp. *corticalis* var. *korbi* Emery, 1898c: 133; unavailable name.] Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Arnol'di, 1948: 7.

***koreanus****. Leptothorax (Nesomyrmex) koreanus* Teranishi, 1940: 16 (w.) KOREA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Terayama & Onoyama, 1999: 88.

***kraussei****. Leptothorax angustulus* var. *kraussei* Emery, 1916b: 175 (w.) ITALY (Sardinia). Bondroit, 1918: 135 (q.m.). [First available use of *Leptothorax angustulus* var. *kraussei* Krausse, 1912b: 162. *Nomen nudum*. *Leptothorax tuberum* subsp. *angustulus* var. *kraussei* Emery, 1915a: 260; unavailable name.] Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Bondroit, 1918: 135. Subspecies of *angustulus*: Emery, 1924d: 252. Junior synonym of *angustulus*: Bernard, 1967: 202. Revived from synonymy, with status as species: Baroni Urbani, 1971c: 111; Espadaler & Collingwood, 1982: 41; Casevitz-Weulersse, 1990b: 418.

***kruegeri****. Leptothorax (Myrmammophilus) arenarius* var. *kruegeri* Kutter, 1928: 66 (q.) LIBYA.

***kubira****. Leptothorax kubira* Terayama & Onoyama, 1999: 89, figs. 11, 12 (w.q.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***kuixing****. Temnothorax kuixing* Terayama, 2009: 182, fig.241 (w.q.m.) TAIWAN.

***kurilensis****. Leptothorax kurilensis* Radchenko, 1994i: 32, fig. 7 (w.q.) RUSSIA (Kunashir I.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 148.

***laciniatus****. Leptothorax laciniatus* Stitz, 1917: 338, fig. 5 (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***laestrygon****. Leptothorax niger* st. *laestrygon* Santschi, 1931a: 7 (w.q.m.) ITALY (Sicily). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Baroni Urbani, 1971c: 112. Current subspecies: nominal plus *splendidiceps*.

***laetus****. Macromischa affinis* subsp. *laeta* Wheeler, W.M. 1937b: 456 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 501; in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *similis*: Baroni Urbani, 1978b: 501. Revived from synonymy and raised to species: Snelling, R.R. 1986: 154. Senior synonym of *maerens, similis*: Snelling, R.R. 1986: 154; of *umbratipes*: Fontenla Rizo, 1997a: 51.

*laeviceps. Leptothorax (Leptothorax) longispinosus* subsp. *laeviceps* Buren, 1944a: 287 (w.) U.S.A. [Junior primary homonym of *leviceps* Emery, 1898c: 134.] Replacement name: *iowensis* Buren, 1945: 288.

*laevissima. Macromischa laevissima* Wheeler, W.M. 1911h: 205 (w.) MEXICO. Junior synonym of *subditivus*: Baroni Urbani, 1978b: 512.

***lagrecai****. Leptothorax (Leptothorax) lagrecai* Baroni Urbani, 1964b: 48, figs. 12, 13 (w.q.) ITALY. Combination in *Temnothorax*: Bolton, 2003: 271.

*latispina. Macromischa porphyritis* var. *latispina* Wheeler, W.M. 1931b: 18 (w.) CUBA. Junior synonym of *porphyritis*: Baroni Urbani, 1978b: 480.

***laurae****. Leptothorax laurae* Emery, 1884a: 380 (w.q.) TUNISIA. Santschi, 1907: 332 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *antoniae, colettae, rosae*.

***leigong****. Temnothorax leigong* Terayama, 2009: 184 (w.) TAIWAN.

***leimu****. Temnothorax leimu* Terayama, 2009: 182, fig. 238 (w.) TAIWAN.

***leoni****. Leptothorax leoni* Arnol'di, 1971: 1820, fig. 1 (w.q.) KAZAKHSTAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***lereddei****. Leptothorax lereddei* Bernard, 1953a: 174, fig. 6 (w.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***leucacanthus****. Leptothorax leucacanthus* Baroni Urbani, 1978b: 460, figs. 61, 103 (w.q.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

***leviceps****. Leptothorax tuberum* var. *leviceps* Emery, 1898c: 134 (w.) ITALY. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *exilis*: Emery, 1916b: 174; Menozzi, 1925d: 27. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041. Revived from synonymy and raised to species: Collingwood, 1978: 70. Senior synonym of *dichroa*: Emery, 1916b: 174.

***leyeensis****. Temnothorax leyeensis* Zhou, *et al*. 2010: 23, figs. 22-24 (w.) CHINA.

***lichtensteini****. Leptothorax lichtensteini* Bondroit, 1918: 123 (w.q.m.) FRANCE. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *nylanderi*: Menozzi, 1921: 28; Menozzi, 1925d: 27. Revived status as species: Bernard, 1956a: 162; Bernard, 1967: 205; Collingwood & Yarrow, 1969: 70.

***liebi****. Leptothorax (Myrafant) liebi* Mackay, 2000: 353, figs. 16, 36, 42, 121, 122 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271.

*lindae. Leptothorax (Myrafant) lindae* Mackay, 2000: 356, figs. 51, 52, 123, 124 (w.q.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nevadensis*: Ward, 2005: 16.

*lindbergi. Leptothorax lindbergi* Santschi, 1931a: 8, fig. 1 (w.) MOROCCO. Junior synonym of *trabutii*: Cagniant & Espadaler, 1997: 278.

*littoralis* Santschi, 1918a: 33 (**unavailable** **name**); see under ***LEPTOTHORAX***.

***liviae****. Leptothorax liviae* Agosti & Collingwood, in Collingwood, *et al*. 2011: 430, pl. 44-46, figs. 36, 37 (w.q.) UNITED ARAB EMIRATES. Combination in *Temnothorax*: **new combination (unpublished)**.

\****longaevus****. \*Leptothorax longaevus* Wheeler, W.M. 1915h: 65 (w.) BALTIC AMBER (Eocene). Combination in *Temnothorax*: Bolton, 2003: 271.

***longipilosus****. Leptothorax longipilosus* Santschi, 1912f: 174, fig. 4 (w.) TUNISIA. Santschi, 1923f: 334 (q.). Combination in *L. (Temnothorax*): Santschi, 1918a: 32; in *Temnothorax*: Bolton, 2003: 271.

***longispinosus****. Leptothorax longispinosus* Roger, 1863a: 180 (w.) U.S.A. Emery, 1895c: 321 (q.); Wheeler, W.M. 1903c: 238 (m.); Crozier, 1970: 117 (k.); Wheeler, G.C. & Wheeler, J. 1989a: 323 (l.). Combination in *L. (Myrafant*): Smith, M.R. 1950: 30; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *iowensis*: Creighton, 1950a: 264. See also: Mackay, 2000: 358.

*lucayensis. Macromischa lucayensis* Forel, 1901e: 340 (w.) BAHAMAS. Junior synonym of *pastinifer*: Baroni Urbani, 1978b: 471.

*luciliae. Macromischa luciliae* Mann, 1935, 35, fig. 1 (w.) GUATEMALA. Junior synonym of *subditivus*: Baroni Urbani, 1978b: 512.

*lugens. Macromischa lugens* Roger, 1863a: 188 (w.) CUBA. Aguayo, 1932: 221 (q.). Combination in *Croesomyrmex*: Wheeler, W.M. 1931b: 21. Senior synonym of *nigra*: Borgmeier, 1955a: 109. Junior synonym of *versicolor*: Baroni Urbani, 1978b: 523. See also: Mann, 1920: 419.

***luteus****. Leptothorax tuberum* r. *luteus* Forel, 1874: 85 (w.) SWITZERLAND. André, 1883a: 304 (q.); Bernard, 1956a: 162 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *unifasciatus*: Dalla Torre, 1893: 129; of *tuberum*: Forel, 1913d: 432. Raised to species: Emery, 1916b: 173. See also: Menozzi, 1918: 85; Bondroit, 1918: 133; Stitz, 1939: 176; Bernard, 1967: 208; Kutter, 1977c: 131; Arnol'di & Dlussky, 1978: 542.

*maerens. Macromischa affinis* subsp. *maerens* Wheeler, W.M. 1937b: 456 (w.) CUBA. Junior synonym of *similis*: Baroni Urbani, 1978b: 501; of *laetus*: Snelling, R.R. 1986: 154.

***makora****. Leptothorax makora* Terayama & Onoyama, 1999: 90, fig. 15 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***manni****. Leptothorax manni* Wheeler, W.M. 1914b: 53 (w.q.m.) MEXICO. Combination in *L. (Myrafant)*: Kempf, 1972a: 132; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 361.

*manni. Macromischa manni* Wheeler, W.M. 1931b: 19 (w.) CUBA. Wheeler, G.C. & Wheeler, J. 1960b: 24 (l.). [Junior secondary homonym of *Leptothorax manni* Wheeler, above.] Replacement name: *villarensis* Aguayo, 1931: 177 (junior synonym and hence first available replacement name): Snelling, R.R. 1986: 155.

*manni. Leptothorax (Dichothorax) manni* Wesson, L.G. 1935: 208 (w.q.m.) U.S.A. [**Unresolved junior primary homonym** of *manni* Wheeler, W.M. 1914b: 53.] Junior synonym of *pergandei*: Wesson, L.G. 1939: 180.

***maoerensis****. Temnothorax maoerensis* Zhou, *et al*. 2010: 15, figs. 7-9 (w.) CHINA.

*mariposa. Leptothorax nitens* var. *mariposa* Wheeler, W.M. 1917a: 507 (w.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nitens*: Creighton, 1950a: 265. Revived from synonymy and raised to species: Cole, 1958c: 536; as species in Mackay, 2000: 362. Junior synonym of *nitens*: Ward, 2005: 17.

***marocana****. Leptothorax bugnioni* var. *marocana* Santschi, 1909b: 463 (q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Santschi, 1936c: 203.

*martellii* Menozzi, 1940: 269 (**unavailable** **name**); see under ***LEPTOTHORAX***.

*maryanae. Leptothorax (Myrafant) maryanae* Mackay, 2000: 364, figs. 34, 42, 129-131 (w.q.m.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nevadensis*: Ward, 2005: 17.

*massiliensis. Leptothorax massiliensis* Bondroit, 1918: 133 (w.) FRANCE. Bernard, 1967: 209 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *racovitzai*: Casevitz-Weulersse & Galkowski, 2009: 496.

***mauritanicus****. Leptothorax cabrerae* st. *mauritanicus* Santschi, 1909b: 466 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Santschi, 1939c: 2.

***maurus****. Leptothorax maurus* Santschi, 1921b: 427 (w.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***maximus****. Leptothorax anacanthus* st. *maximus* Santschi, 1931a: 6 (w.) MOROCCO.

*maya. Macromischa azteca* var. *maya* Wheeler, W.M. 1937b: 458 (w.q.) GUATEMALA. Junior synonym of *aztecus*: Baroni Urbani, 1978b: 425.

*mediorufus. Leptothorax rugatulus* var. *mediorufus* Wheeler, W.M. 1917a: 510 (w.q.) U.S.A. Junior synonym of *rugatulus*: Creighton, 1950a: 269.

***megalops****. Leptothorax (Icothorax) megalops* Hamann & Klemm, 1967: 417, fig. 1 (w.q.) SUDAN. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Bolton, 1982: 331.

***mekira****. Temnothorax mekira* Terayama & Kubota, in Terayama, *et al*. 2011: 77, figs. 2-4 (w.) JAPAN.

*melanderi. Leptothorax melanderi* Wheeler, W.M. 1909e: 81 (w.) U.S.A. Subspecies of *nevadensis*: Creighton, 1950a: 266. Junior synonym of *nevadensis*: Mackay, 2000: 376.

***melanicus****. Leptothorax desioi* var. *melanica* Menozzi, 1939a: 307 (w.) INDIA.

*melanocephalus. Leptothorax melanocephalus* Emery, 1870: 197 (w.) FRANCE (Corsica). Subspecies of *tuberum*: André, 1883a: 298; Forel, 1890a: lxxiv; Emery, 1891b: 5; Santschi, 1919e: 242. Status as species: Bondroit, 1920a: 154; Baroni Urbani, 1971c: 115; Collingwood, 1978: 70; Atanassov & Dlussky, 1992: 138. Junior synonym of *tuberum*: Casevitz-Weulersse, 1990b: 420.

*melanocephala. Macromischa melanocephala* Wheeler, W.M. 1931b: 15 (w.q.) CUBA. [Junior secondary homonym of *Leptothorax melanocephalus* Emery, above.] Replacement name: *nigricans* Baroni Urbani, 1978b: 467.

*melanoticus. Leptothorax fortinodis* var. *melanoticus* Wheeler, W.M. 1903c: 235 (w.q.) U.S.A. Wesson, L.G. & Wesson, R.G. 1940: 94 (m.). Subspecies of *fortinodis*: Buren, 1944a: 287. Junior synonym of *schaumii*: Creighton, 1950a: 271.

***melas****. Leptothorax melas* Espadaler, Plateaux & Casevitz-Weulersse, 1984: 123, figs. 1-15 (w.q.m.) FRANCE (Corsica). Combination in *Temnothorax*: Bolton, 2003: 271.

*melinus. Leptothorax (Myrafant) melinus* Mackay, 2000: 368, figs. 29, 33, 132 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *nitens*: Ward, 2005: 17.

***melleus****. Leptothorax bulgaricus* var. *melleus* Forel, 1904b: 375 (w.q.) UZBEKISTAN. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *bulgaricus*: Kuznetsov-Ugamsky, 1926a: 75. Raised to species: Pisarski, 1969b: 298. Senior synonym of *balchashensis, csikii*: Radchenko, 1995a: 26.

***melnikovi****. Leptothorax melnikovi* Ruzsky, 1905b: 599, figs. 143, 144 (w.) KAZAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***mexicanus****. Leptothorax (Myrafant) mexicanus* Mackay, 2000: 369, figs. 26, 30, 133, 134 (w.q.m.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 271.

***michali****. Temnothorax michali* Radchenko, 2004: 117, figs. 16-21 (w.q.) NORTH KOREA.

***microreticulatus****. Temnothorax microreticulatus* Bharti, Gul & Schulz, 2012: 331, figs. 10-15 (w.q.) INDIA.

***mimeuri****. Leptothorax mimeuri* Cagniant, in Cagniant & Espadaler, 1997: 270, fig. 6 (w.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***minozzii****. Leptothorax minozzii* Santschi, 1922a: 68. Replacement name for *Leptothorax silvestrii* Menozzi, 1921: 27. [Junior secondary homonym of *Tetramorium silvestrii* Santschi, 1911d: 6.] Combination in *Temnothorax*: Bolton, 2003: 271. See also: Baroni Urbani, 1971c: 116.

***minutissimus****. Leptothorax minutissimus* Smith, M.R. 1942a: 59, pl. 6 (q.) U.S.A. Buschinger & Linksvayer, 2004: 71 (m.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 373.

***mirabilis****. Leptothorax mirabilis* Espadaler & Cagniant, 1996: 332, figs. 1-4 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***miserabilis****. Leptothorax (Temnothorax) miserabilis* Santschi, 1918a: 32, fig. B (w.) TUNISIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***mixtus****. Leptothorax bucheti* var. *mixtus* Santschi, 1929e: 151 (w.) MOROCCO.

***mongolicus****. Leptothorax serviculus* subsp. *mongolicus* Pisarski, 1969b: 299, figs. 5-10 (w.) MONGOLIA. Radchenko, 1995c: 18 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Radchenko, 1994d: 156 (in key); Radchenko, 1995c: 18.

***monjauzei****. Leptothorax monjauzei* Cagniant, 1968b: 83, figs. (w.q.m.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271.

*monticola. Leptothorax gazella* var. *monticola* Santschi, 1923f: 330 (w.) TUNISIA. Junior synonym of *algiricus*: Cagniant & Espadaler, 1997: 278.

*mordax. Leptothorax (Temnothorax) mordax* Santschi, 1919e: 242 (q.) SPAIN. Junior synonym of *recedens*: Dlussky & Soyunov, 1988: 31.

***mortoni****. Macromischa mortoni* Aguayo, 1937: 235, fig. 1 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 462; in *Temnothorax*: Bolton, 2003: 271.

*mulleri. Leptothorax mulleri* Santschi, 1926f: 293. Unnecessary replacement name for *sordidulus* Müller, 1923: 96. [The name is misrepresented as *sordidus* by Santschi.] Junior synonym of *sordidulus*: Bolton, 1995b: 241.

*mutabilis. Croesomyrmex bermudezi* var. *mutabilis* Wheeler, W.M. 1931b: 27 (w.) CUBA. Junior synonym of *bermudezi*: Baroni Urbani, 1978b: 429.

*mutica. Macromischa isabellae* subsp. *mutica* Smith, M.R. 1937: 847 (w.) PUERTO RICO. Combination in *Leptothorax*: Baroni Urbani, 1978b: 464. Raised to species: Baroni Urbani, 1978b: 464. Junior synonym of *isabellae*: Snelling, R.R. 1986: 155.

***myersi****. Macromischa myersi* Wheeler, W.M. 1931b: 20 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 465; in *Temnothorax*: Bolton, 2003: 271.

***nadigi****. Leptothorax nadigi* Kutter, 1925: 409, figs. (w.q.) SWITZERLAND. Espadaler, 1984: 136 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *caucasicus*: Schulz, in Czechowski, Radchenko & Czechowska, 2002: 55. See also: Stitz, 1939: 178; Kutter, 1977c: 132.

***naeviventris****. Leptothorax naeviventris* Santschi, 1910b: 62 (w.q.m.) TUNISIA. Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *kefensis*.

*narinicus. Leptothorax narinicus* Tarbinsky, 1976: 93, figs. 151-153, 187 (w.) KYRGYZSTAN. Junior synonym of *arpini*: Radchenko, 1994d: 150 (in key); Radchenko, 1995d: 10.

***nassonovi****. Leptothorax nassanowi* Ruzsky, 1895: 26 (w.) RUSSIA. [Spelling justifiably emended to *nassonovi* (again described as new) by Ruzsky, 1896: 72.] Kupyanskaya, 1990: 143 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *firssovi*: Kupyanskaya, 1990: 143; Radchenko, 1995d: 9; of *subnudus*: Radchenko, 1995d: 9; Radchenko, 2005b: 151; of *galeatus*: Radchenko, 2004: 126. See also: Ruzsky, 1905b: 582; Tarbinsky, 1976: 94; Radchenko, 1994d: 155.

*natenzoni. Macromischa (Croesomyrmex) aguayoi* subsp. *natenzoni* Aguayo, 1931: 179 (w.) CUBA. Junior synonym of *aguayoi*: Baroni Urbani, 1978b: 409.

***neminan****. Leptothorax neminan* Espadaler, in Cagniant & Espadaler, 1997: 280, fig. 30 (w.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***neomexicanus****. Leptothorax neomexicanus* Wheeler, W.M. 1903c: 248, pl. 12, fig. 18 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tricarinatus*: Creighton, 1950a: 273; Smith, M.R. 1952b: 100. Revived status as species: Mackay, 2000: 374.

***nevadensis****. Leptothorax nevadensis* Wheeler, W.M. 1903c: 252, pl. 12, fig. 20 (w.q.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1973b: 71 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1393; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *eldoradensis, melanderi*: Mackay, 2000: 376; of *lindae, maryanae*: Ward, 2005: 16.

***niger****. Leptothorax tuberum* r. *niger* Forel, 1894d: 42 (w.) FRANCE. Forel, 1913h: 359 (q.); Kutter, 1927: 100 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Forel, 1913h: 359. Senior synonym of *glaber*: Espadaler, 1981: 80. See also: Bondroit, 1918: 134; Santschi, 1927a: 58.

*nigra. Macromischa (Croesomyrmex) lugens* var. *nigra* Santschi, 1931c: 273, fig. 8 (w.) CUBA. [**Unresolved junior secondary homonym** of *niger* Forel, above.] Junior synonym of *lugens*: Borgmeier, 1955a: 109.

***nigricans****. Leptothorax nigricans* Baroni Urbani, 1978b: 467. Replacement name for *Macromischa melanocephala* Wheeler, W.M. 1931b: 15. [Junior secondary homonym of *Leptothorax melanocephalus* Emery, 1870: 197.] Combination in *Temnothorax*: Bolton, 2003: 271.

*nigricephala. Leptothorax (Leptothorax) tuberum* var. *nigricephala* Karavaiev, 1930b: 146 (w.q.) SWEDEN. [Also described as new by Karavaiev, 1931e: 212.] Junior synonym of *tuberum*: Radchenko, 1995c: 14.

***nigriceps****. Leptothorax nigriceps* Mayr, 1855: 441 (w.) AUSTRIA. Forel, 1874: 87 (q.); Bondroit, 1920b: 304 (q.m.); Finzi, 1939: 90 (m.); Hauschteck, 1962: 219 (k.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1874: 85; Ruzsky, 1902d: 21; Bondroit, 1910: 497; Santschi, 1910e: 648; Stitz, 1914: 63; Ruzsky, 1925b: 45. Status as species: Bondroit, 1912: 351; Bondroit, 1918: 125; Müller, 1923: 93; Finzi, 1924b: 122; Finzi, 1939: 88; Boven, 1947: 179; Bernard, 1956a: 162; Baroni Urbani, 1971c: 118; Kutter, 1977c: 132; Boven, 1977: 105; Arnol'di & Dlussky, 1978: 542. Current subspecies: nominal plus *pyrenaeus*.

*nigricipoides* Forel, 1874: 86 (**unavailable** **name**); see under ***LEPTOTHORAX***.

*nigripes. Macromischa (Croesomyrmex) iris* var. *nigripes* Santschi, 1930e: 78 (w.) CUBA. Junior synonym of *iris*: Wheeler, W.M. 1931b: 24.

***nigritus****. Leptothorax nigrita* Emery, 1878b: 51 (footnote) fig. (w.) ALGERIA. Forel, 1890a: lxxv (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *rupestris, saharensis, salambo*.

*nigroscutellata* Costa, 1884: 34 (*nomen nudum)*; see under ***LEPTOTHORAX***.

*nikitae. Leptothorax nikitae* Arnol'di, 1977a: 202 (w.) UKRAINE. Junior synonym of *knipovitshi*: Radchenko, 1994d: 156 (in key); Radchenko, 1995c: 18.

***nipensis****. Leptothorax nipensis* Fontenla Rizo, 1998: 67, fig. 6 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 271.

***nitens****. Leptothorax (Leptothorax) nitens* Emery, 1895c: 322, pl. 8, fig. 16 (w.) U.S.A. Cole, 1958c: 536 (q.m.); Wheeler, G.C. & Wheeler, J. 1973b: 71 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1394; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *mariposa, melinus*: Ward, 2005: 17. See also: Wheeler, W.M. 1903c: 244; Mackay, 2000: 379.

***nitidiceps****. Leptothorax interruptus* var. *nitidiceps* Dalla Torre, 1893: 124 (w.) ALGERIA. [First available use of *Leptothorax tuberum* r. *interruptus* var. *nitidiceps* Forel, 1890a: lxxiv; unavailable name (Agosti & Collingwood, 1987a: 61).] Subspecies of *spinosus*: Cagniant, 1970b: 207. Currently subspecies of *interruptus*: Baroni Urbani, 1971c: 110.

*nitidulus. Leptothorax exilis* var. *nitidulus* Santschi, 1923f: 331 (w.q.) ALGERIA. [First available use of *Leptothorax tuberum* r. *obscurior* var. *nitidulus* Forel, 1894d: 39; unavailable name.] Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041.

*nivalis* Forel, 1909e: 377 and *nivalis* Cagniant, 1970b: 207 (**unavailable names**); see under ***LEPTOTHORAX***.

***nivarianus****. Leptothorax nivarianus* Santschi, 1925g: 343 (w.q.) SPAIN (Canary Is). Senior synonym of *guancha*: Barquin, 1981: 283. Currently subspecies of *gracilicornis*: Barquin, 1981: 283.

***nordmeyeri****. Leptothorax nordmeyeri* Schulz, 1997: 305, figs. 1-4 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***normandi****. Leptothorax normandi* Santschi, 1912f: 173, fig. 3 (w.) TUNISIA. Santschi, 1929e: 155 (q.). Combination in *Temnothorax*: Bolton, 2003: 271.

***numidicus****. Leptothorax annibalis* st. *numidicus* Santschi, 1929e: 151 (w.q.) TUNISIA.

***nylanderi****. Myrmica nylanderi* Foerster, 1850a: 53 (m.) GERMANY. Mayr, 1855: 447 (w.q.). Combination in *Leptothorax*: Mayr, 1855: 447; in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1874: 84; Emery & Forel, 1879: 459; André, 1883a: 300; Forel, 1890a: lxxv; Emery, 1891b: 6; Ruzsky, 1905b: 597; Bondroit, 1910: 496. Status as species: Saunders, E. 1880: 219; Nasonov, 1889: 32; Dalla Torre, 1893: 125; Ruzsky, 1902d: 23; Bondroit, 1911: 12; Stitz, 1914: 64; Forel, 1915d: 22; Donisthorpe, 1915d: 155; Bondroit, 1918: 122; Menozzi, 1922b: 329; Karavaiev, 1926f: 69; Finzi, 1930d: 315; Karavaiev, 1934: 137; Stitz, 1939: 179; Boven, 1947: 178; Kutter, 1977c: 133; Collingwood, 1979: 74; Atanassov & Dlussky, 1992: 139. Senior synonym of *cingulata*: Mayr, 1855: 447; of *nylanderotuberum*: Radchenko, 1995d: 3; of *nylanderocorticalis*: Kutter, 1977c: 14. Current subspecies: nominal plus *nylanderonigriceps*. See also: Radchenko, 2000: 43.

*nylanderocorticalis. Leptothorax tuberum* var. *nylanderocorticalis* Forel, 1874: 86 (w.) SWITZERLAND. Emery, 1916b: 183, 186 (in keys) (w.q., respectively). Raised to species: Bondroit, 1918: 124. Subspecies of *corticalis*: Forel, 1915d: 22 (in key); Emery, 1924d: 254; Stitz, 1939: 176; Novak & Sadil, 1941: 92. Junior synonym of *nylanderi*: Kutter, 1977c: 14.

***nylanderonigriceps****. Leptothorax nylanderi* var. *nylanderonigriceps* Stitz, 1939: 180 (w.q.) GERMANY. [First available use of *Leptothorax tuberum* subsp. *nylanderi* var. *nylanderonigriceps* Gösswald, 1932: 149; unavailable name.] Currently subspecies of *nylanderi*: Novak & Sadil, 1941: 91.

*nylanderotebessae* Forel, 1894d: 38 (**unavailable name**); see under ***LEPTOTHORAX***.

*nylanderotuberum. Leptothorax nylanderi* var. *nylanderotuberum* Ruzsky, 1902d: 23 (w.) RUSSIA. Junior synonym of *nylanderi*: Radchenko, 1995d: 3.

***nylanderounifasciatus****. Leptothorax tuberum* var. *nylanderounifasciatus* Forel, 1874: 228 (w.) SWITZERLAND.

***obenbergeri****. Leptothorax unifasciatus* var. *obenbergeri* Sadil, 1939a: 30 (w.q.) CZECHOSLOVAKIA.

***obliquicanthus****. Leptothorax (Myrafant) obliquicanthus* Cole, 1953c: 28, figs. 1, 2 (w.) U.S.A. See also: Mackay, 2000: 380.

***obscurior****. Leptothorax tuberum* var. *obscurior* Dalla Torre, 1893: 128 (w.) ALGERIA. [First available use of *Leptothorax tuberum* r. *melanocephalus* var. *obscurior* Forel, 1890a: lxxiv; unavailable name.] Cagniant, 1970a: 421 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *tuberum*: Forel, 1894d: 38; of *exilis*: Santschi, 1911a: 12; Santschi, 1929e: 153. Raised to species: Cagniant, 1970a: 421. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041. Revived from synonymy, status as species and senior synonym of *retifer*: Cagniant & Espadaler, 1997: 272.

***obscurior****. Macromischa salvini* var. *obscurior* Forel, 1899c: 57 (w.) PANAMA. [**Unresolved junior secondary homonym** of *obscurior* Dalla Torre, above (Bolton, 1995b: 242).] Combination in *Leptothorax*: Baroni Urbani, 1978b: 495.

***obturator****. Leptothorax obturator* Wheeler, W.M. 1903c: 249, pl. 12, fig. 19 (w.q.m.) U.S.A. Wheeler, W.M. 1903f: 662 (gynandromorph); Wheeler, G.C. & Wheeler, J. 1955b: 24 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1394; in *Temnothorax*: Bolton, 2003: 271. See also: Mackay, 2000: 382.

***ocarinae****. Leptothorax ocarinae* Baroni Urbani, 1978b: 469, figs. 58, 131 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

*occidentalis. Leptothorax nitens* subsp. *occidentalis* Wheeler, W.M. 1903c: 245 (w.) U.S.A. Junior synonym of *nitens*: Creighton, 1950a: 265; of *andrei*: Ward, 2005: 15.

*ocellatus. Leptothorax (Myrafant) ocellatus* Mackay, 2000: 383, figs. 19, 143-145 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 272. Junior synonym of *andrei*: Ward, 2005: 15.

***opaciabdomin****. Leptothorax opaciabdomin* Chang & He, 2001b: 2, figs. 2, 6, 10 (w.) CHINA. Combination in *Temnothorax*: Zhou, *et al*. 2010: 10 (in key).

*opacinoda. Macromischa sallei* subsp. *opacinoda* Wheeler, W.M. 1931b: 7 (w.) HAITI. Junior synonym of *sallei*: Baroni Urbani, 1978b: 490.

*opacipes. Macromischa pastinifera* var. *opacipes* Wheeler, W.M. 1905b: 96, fig. I (w.) BAHAMAS. Junior synonym of *pastinifer*: Smith, M.R. 1954c: 6.

*opalina. Macromischa opalina* Wheeler, W.M. 1937b: 451 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 470. Junior synonym of *darlingtoni*: Brown, 1959e: 73. Revived from synonymy: Baroni Urbani, 1978b: 470. Junior synonym of *darlingtoni*: Fontenla Rizo, 1997a: 50.

***oraniensis****. Leptothorax oraniensis* Forel, 1894d: 34 (w.q.) ALGERIA. Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *rusticus*: Cagniant, 1970a: 419; of *chobauti, sergensis*: Cagniant & Espadaler, 1997: 269.

***orchidus****. Temnothorax orchidus* Zhou, *et al*. 2010: 14, figs. 4-6 (w.) CHINA.

*ornatipes. Macromischa bruneri* subsp. *ornatipes* Wheeler, W.M. 1937b: 457 (w.) CUBA. Junior synonym of *bruneri*: Baroni Urbani, 1978b: 431.

***oxianus****. Leptothorax tuberum* subsp. *oxianus* Ruzsky, 1905b: 592 (w.) UZBEKISTAN. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *bulgaricus*: Kuznetsov-Ugamsky, 1927d: 40. Raised to species: Tarbinsky, 1976: 97. Senior synonym of *talassicus*: Radchenko, 1994d: 151 (in key); of *talassicus, juglandeti*: Radchenko, 1995a: 27.

***oxynodis****. Leptothorax (Myrafant) oxynodis* Mackay, 2000: 385, figs. 63, 146 (w.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 272.

*pallens* Plateaux, 1981: 64 (**unavailable name**); see under ***LEPTOTHORAX***.

***pallidipes****. Leptothorax pallidipes* Santschi, 1910b: 61 (w.q.) TUNISIA. Combination in *L. (Temnothorax*): Santschi, 1918a: 32; in *Temnothorax*: Bolton, 2003: 271.

***pallidus****. Leptothorax pallidus* Collingwood, 1961a: 63, fig. 7 (w.) AFGHANISTAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*pallipes. Antillaemyrmex albispina* subsp. *pallipes* Wheeler, W.M. 1931b: 27, attributed to Mann, (w.q.) PUERTO RICO. [*Macromischa albispina* var. *pallipes* Mann, 1920: 424. *Nomen nudum.*] Subspecies of *albispinus*: Smith, M.R. 1937: 851. Junior synonym of *albispinus*: Baroni Urbani, 1978b: 413.

***palustris****. Leptothorax palustris* Deyrup & Cover, 2004a: 52, figs. 1, 2 (w.q.m.) U.S.A. Combination in *Temnothorax*: **new combination (unpublished)**.

***pamiricus****. Leptothorax pamiricus* Ruzsky, 1902b: 478 (w.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271. Menozzi, 1939a: 303 (q.m.). Subspecies of *bulgaricus*: Forel, 1904b: 375; Kuznetsov-Ugamsky, 1926a: 75; Menozzi, 1939a: 303. Revived status as species: Radchenko, 1994d: 152 (in key); Radchenko, 1995a: 26.

***pan****. Leptothorax pan* Santschi, 1936c: 203, fig. 2 (w.) MOROCCO. Cagniant & Espadaler, 1997: 271 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271.

*paolii* Santschi, 1923 (**unavailable name**); see under ***LEPTOTHORAX***.

***pardoi****. Leptothorax pardoi* Tinaut, 1987: 315, figs. 1, 2 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

*parkeri*  Espadaler & DuMerle, 1989: 121 (**unavailable name**); see under ***LEPTOTHORAX***.

***parvulus****. Myrmica parvula* Schenck, 1852: 103 (w.) GERMANY. [Also described as new by Schenck, 1853: 187.] Mayr, 1855: 448 (q.); Novak, in Kratochvil, Novak & Snoflak, 1944: 116 (m.). Combination in *Leptothorax*: Mayr, 1855: 448; in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *cingulata*: Nylander, 1856b: 93; of *nylanderi*: Smith, F. 1858b: 8. Revived from synonymy as subspecies of *nylanderi*: Forel, 1874: 86. Subspecies of *nylanderi*: Ruzsky, 1902d: 23; Forel, 1915d: 22; Menozzi, 1918: 85; Emery, 1924d: 255; Müller, 1923: 95. Revived status as species: Bernard, 1956a: 161; Bernard, 1967: 203; Baroni Urbani, 1971c: 120; Boven, 1977: 105; Agosti & Collingwood, 1987a: 56; Atanassov & Dlussky, 1992: 140.

***pastinifer****. Macromischa pastinifera* Emery, 1894c: 164, pl. 1, fig. 18 (w.) BAHAMAS. Mann, 1929: 161 (q.m.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 470; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *opacipes*: Smith, M.R. 1954c: 6; of *lucayensis*: Baroni Urbani, 1978b: 471; of *pastoris*: Fontenla Rizo, 1997a: 51.

*pastoris. Leptothorax pastoris* Baroni Urbani, 1978b: 475 (w.) CUBA. Junior synonym of *pastinifer*: Fontenla Rizo, 1997a: 51.

***pelagosanus****. Leptothorax pelagosanus* Müller, 1923: 88 (w.) ITALY. Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *massiliensis*: Baroni Urbani, 1962: 131. Revived from synonymy: Agosti & Collingwood, 1987a: 56.

***peninsularis****. Leptothorax (Goniothorax) peninsularis* Wheeler, W.M. 1934f: 134 (q.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 386.

***pergandei****. Leptothorax (Dichothorax) pergandei* Emery, 1895c: 323, pl. 8, fig. 13 (w.) U.S.A. Wheeler, W.M. 1903c: 257 (q.m.); Wheeler, G.C. & Wheeler, J. 1960b: 23 (l.). Combination in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *manni*: Wesson, L.G. 1939: 180; of *floridanus* (and its junior synonym *flavus*): Mackay, 1993a: 289.

***personatus****. Leptothorax personatus* Cagniant, 1987c: 243, figs. 1-3 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

\****petiolata****. \*Macromischa petiolata* Mayr, 1868c: 85, pl. 4, figs. 83, 84 (w.) BALTIC AMBER (Eocene). Combination in \**Nothomyrmica*: Wheeler, W.M. 1915h: 62; in *Temnothorax*: Dlussky & Radchenko, 2006b: 561.

*petiolatus. Leptothorax petiolatus* Forel, 1901c: 129 (w.) MEXICO. Wheeler, W.M. 1931b: 13 (q.). Combination in *Macromischa*: Emery, 1924d: 247. [Junior primary homonym of \**petiolata* Mayr, 1868c: 85, above.] Replacement name: *foreli* Aguayo, 1931: 182.

*petri. Macromischa wheeleri* subsp. *petri* Aguayo, 1931: 181 (w.) CUBA. Junior synonym of *wheeleri*: Brown, 1959e: 73.

***peyerimhoffi****. Leptothorax peyerimhoffi* Santschi, 1929c: 101, fig. 3 (w.) ALGERIA. [Also described as new by Santschi, 1934f: 169.] Combination in *Temnothorax*: Bolton, 2003: 271.

***pici****. Leptothorax aveli* var. *pici* Bondroit, 1918: 128 (w.) FRANCE.

*pictus. Leptothorax (Temnothorax) pictus* Emery, 1924c: 166 (w.) SPAIN. Junior synonym of *recedens*: Collingwood, 1978: 69.

***pinetorum****. Leptothorax ambiguus* var. *pinetorum* Wesson, L.G. & Wesson, R.G. 1940: 97 (w.q.m.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1392. Currently subspecies of *ambiguus*: Creighton, 1950a: 263.

***pisarskii****. Temnothorax pisarskii* Radchenko, 2004: 115, figs. 7-15 (w.q.m.) NORTH KOREA.

*pithyusae. Leptothorax pithyusae* Arnol'di, 1977a: 201 (w.q.) RUSSIA. Junior synonym of *tauricus*: Radchenko, 1994d: 157 (in key); Radchenko, 1995c: 16.

\****placivus****. \*Leptothorax placivus* Wheeler, W.M. 1915h: 66 (w.) BALTIC AMBER (Eocene). Combination in *Temnothorax*: Bolton, 2003: 271.

***platycephalus****. Leptothorax platycephalus* Espadaler, 1997a: 153 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***platycnemis****. Macromischa platycnemis* Wheeler, W.M. 1937b: 452 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 476; in *Temnothorax*: Bolton, 2003: 272.

***poeyi****. Macromischa poeyi* Wheeler, W.M. 1913b: 489 (w.) CUBA. Combination in *M. (Croesomyrmex)*: Mann, 1920: 408; in *Croesomyrmex*: Wheeler, W.M. 1931b: 26; in *Leptothorax*: Baroni Urbani, 1978b: 477; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *rugiceps*: Fontenla Rizo, 1997a: 52.

***politus****. Macromischa polita* Smith, M.R. 1939e: 506, pl. 1, fig. B (w.) U.S.A. Combination in *Leptothorax*: Baroni Urbani, 1978b: 478; in *Temnothorax*: Bolton, 2003: 272.

***porphyritis****. Macromischa porphyritis* Roger, 1863a: 185 (w.) CUBA. Mann, 1929: 162 (q.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 480; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *jaumei, latispina*: Baroni Urbani, 1978b: 480. See also: Mann, 1920: 413; Wheeler, W.M. 1931b: 17.

\****praecreolus****. \*Leptothorax (Macromischa) praecreolus* De Andrade, 1992: 344, figs. 1, 2 (w.) DOMINICAN AMBER (Miocene). Combination in *Temnothorax*: Bolton, 2003: 272.

*pratostepposus. Leptothorax pratostepposus* Arnol'di, 1977a: 202 (w.q.) RUSSIA. Junior synonym of *tuberum*: Radchenko, 1994d: 157 (in key); Radchenko, 1995c: 14.

\**prisca* André, 1895 [*Macromischa*]; see under ***VOLLENHOVIA***.

***productus****. Leptothorax cabrerae* st. *productus* Santschi, 1918a: 35, fig. C (w.q.) MOROCCO. Cagniant & Espadaler, 1997: 281 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Cagniant & Espadaler, 1997: 280.

*proxima. Macromischa bruneri* subsp. *proxima* Wheeler, W.M. 1937b: 457 (w.) CUBA. Junior synonym of *bruneri*: Baroni Urbani, 1978b: 431.

*pseudoxanthus*  Plateaux, 1981: 64 (**unavailable name**); see under ***LEPTOTHORAX***.

***pulchellus****. Macromischa pulchella* Emery, 1894c: 162 (w.q.) ANTILLES. Combination in *M. (Antillaemyrmex)*: Mann, 1920: 408; in *Antillaemyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 482; in *Temnothorax*: Bolton, 2003: 272.

***punctaticeps****. Leptothorax (Myrafant) punctaticeps* Mackay, 2000: 388, figs. 38, 149 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***punctatissimus****. Leptothorax (Myrafant) punctatissimus* Mackay, 2000: 390, figs. 40, 150 (w.q.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***punctithorax****. Leptothorax (Myrafant) punctithorax* Mackay, 2000: 392, figs. 31, 151, 152 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***punicans****. Macromischa punicans* Roger, 1863a: 189 (w.) CUBA. Combination in *Aphaenogaster*: Emery, 1896a: 103; in *Pheidole*: Emery, 1915d: 67; in *Macromischa*: Mann, 1920: 418; in *Croesomyrmex*: Wheeler, W.M. 1931b: 22; in *Leptothorax*: Baroni Urbani, 1978b: 484; in *Temnothorax*: Bolton, 2003: 272.

***pupseli****. Leptothorax bugnioni* st. *pupseli* Santschi, 1909b: 464 (w.) TUNISIA.

***purpuratus****. Macromischa purpurata* Roger, 1863a: 184 (w.) CUBA. Mann, 1920: 411 (q.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 486; in *Temnothorax*: Bolton, 2003: 272.

***pyrenaeus****. Leptothorax nigriceps* var. *pyrenaeus* Bondroit, 1918: 126 (w.q.) FRANCE.

*rabaudi. Leptothorax rabaudi* Bondroit, 1918: 129, fig. 64 (w.q.) FRANCE. Bernard, 1967: 210 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *affinis*: Menozzi, 1925d: 28; Finzi, 1933: 164. Status as species: Bernard, 1956a: 163; Bernard, 1967: 210; Collingwood, 1976: 304. Senior synonym of *curvithorax*: Bernard, 1967: 210. Junior synonym of *aveli*: Casevitz-Weulersse & Galkowski, 2009: 494.

***racovitzai****. Leptothorax racovitzai* Bondroit, 1918: 133 (w.q.) FRANCE. Kutter, 1977c: 133 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *parvulus*: Bernard, 1967: 203. Revived from synonymy: Collingwood & Yarrow, 1969: 72; Baroni Urbani, 1971c: 121; Kutter, 1977c: 133. Senior synonym of *massiliensis*: Casevitz-Weulersse & Galkowski, 2009: 496.

***recedens****. Myrmica recedens* Nylander, 1856b: 94, pl. 3, fig. 41 (w.) FRANCE. Roger, 1859: 258 (q.); Forel, 1874: 83 (m.). Combination in *Temnothorax*: Mayr, 1861: 68; in *Leptothorax* (*Temnothorax*): Forel, 1890a: lxxii; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *pictus*: Collingwood, 1978: 69; of *ergatogyna, mordax, rogeri*: Dlussky & Soyunov, 1988: 31; of *barbarus*: Cagniant & Espadaler, 1997: 268. See also: Forel, 1915d: 27; Emery, 1916b: 186; Bernard, 1967: 186; Kutter, 1977c: 135; Atanassov & Dlussky, 1992: 126.

***reduncus****. Tetramorium reduncum* Wang & Wu, in Wang, Xiao & Wu, 1988: 268, figs. 21, 22 (w.) CHINA. See also: Wang & Wu 1995: 84. Combination in *Leptothorax*: Wang, in Bolton, 1995b: 243; in *Temnothorax*: Bolton, 2003: 271.

***reticulatus****. Leptothorax reticulatus* Chang & He, 2001b: 3, figs. 3, 7, 11 (w.) CHINA. Combination in *Temnothorax*: Zhou, *et al*. 2010: 11 (in key).

*retifer. Leptothorax exilis* var. *retifer* Santschi, 1929e: 153 (w.) MOROCCO. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041; of *obscurior*: Cagniant & Espadaler, 1997: 272.

***risii****. Leptothorax risii* Forel, 1892g: 456 (w.) SPAIN (Canary Is). Santschi, 1909b: 470 (q.); Espadaler & Rodriguez, 1989: 141 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *globulinodis*: Barquin, 1981: 256; of *armouri, elongatus*: Hohmann, La Roche, *et al*. 1993: 151.

*rogeri. Temnothorax rogeri* Emery, 1869b: 18 (footnote) (w.) GREECE. André, 1883a: 309 (q.); Forel, 1886e: clxvi (q.). Combination in *Leptothorax (Temnothorax*): Forel, 1890a: lxxii; in *Temnothorax*: Bolton, 2003: 271. Status as species: Dalla Torre, 1893: 126; Ruzsky, 1902d: 25; Emery, 1924d: 260. Subspecies of *recedens*: Emery & Forel, 1879: 459; Forel, 1892i: 315; Ruzsky, 1905b: 609; Karavaiev, 1927a: 293; Finzi, 1930d: 314. Junior synonym of *recedens*: Dlussky & Soyunov, 1988: 31.

***rosae****. Leptothorax laurae* st. *rosae* Santschi, 1915a: 60, fig. 7 (w.) TUNISIA.

***rothneyi****. Leptothorax rothneyi* Forel, 1902c: 230 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Bingham, 1903: 217. Current subspecies: nominal plus *simlensis*.

***rottenbergii****. Macromischa rottenbergii* Emery, 1870: 199 (w.q.) ITALY (Sicily). Emery, 1895b: 69 (m.). Combination in *Leptothorax*: Emery, 1878b: 51; in *Temnothorax*: Bolton, 2003: 271. Current subspecies: nominal plus *ernesti, jesus, scabriosus*. See also: Emery, 1916b: 187.

***rougeti****. Leptothorax cordieri* var. *rougeti* Bondroit, 1918: 127 (w.) FRANCE. Currently subspecies of *unifasciatus*: Bolton, 1995b: 243.

\**rudis* Mayr, 1868 [*Macromischa*]; see under ***MYRMICA***.

***rudis****. Leptothorax nevadensis* subsp. *rudis* Wheeler, W.M. 1917a: 508 (w.q.) U.S.A. Combination in *Temnothorax*: Ward, 2005: 19. Junior synonym of *nevadensis*: Mackay, 2000: 376. Revived from synomymy and raised to species: Ward, 2005: 19.

***rufescens****. Leptothorax flavispinus* var. *rufescens* Forel, 1907b: 206 (w.) TUNISIA.

*ruficornis. Leptothorax tuberum* subsp. *ruficornis* Emery, 1914d: 157 (w.) FRANCE ? [First available use of *Leptothorax tuberum* subsp. *exilis* var. *ruficornis* Emery, 1898c: 135; unavailable name.] Junior synonym of *exilis*: Emery, 1916b: 174.

*rufithorax. Croesomyrmex iris* var. *rufithorax* Wheeler, W.M. 1931b: 24 (w.) CUBA. Junior synonym of *iris*: Baroni Urbani, 1978b: 454.

***rugatulus****. Leptothorax (Leptothorax) rugatulus* Emery, 1895c: 321 (w.) U.S.A. Taber & Cokendolpher, 1988: 95 (k.). Combination in *L. (Myrafant*): Smith, M.R. 1950: 30; in *Temnothorax*: Bolton, 2003: 272. Subspecies of *curvispinosus*: Wheeler, W.M. 1903c: 241. Revived status as species: Wheeler, W.M. 1917a: 509. Senior synonym of *annectens, cockerelli, mediorufus*: Creighton, 1950a: 269; of *brunnescens*: Mackay, 2000: 394.

*rugiceps. Macromischa (Croesomyrmex) poeyi* subsp. *rugiceps* Aguayo, 1932: 222 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 489. Raised to species: Baroni Urbani, 1978b: 489. Junior synonym of *poeyi*: Fontenla Rizo, 1997a: 52.

***ruginosus****. Temnothorax ruginosus* Zhou, *et al*. 2010: 18, figs. 13-15 (w.) CHINA.

***rugithorax****. Leptothorax (Myrafant) rugithorax* Mackay, 2000: 397, figs. 22, 53, 158, 159 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

\**rugosostriata* Mayr, 1868 [*Macromischa*]; see under \****EOCENOMYRMA***.

***rugosus****. Leptothorax (Myrafant) rugosus* Mackay, 2000: 399, figs. 18, 160 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***rugulosus****. Leptothorax (Myrafant) rugulosus* Mackay, 2000: 401, figs. 58, 60, 161, 162 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***rupestris****. Leptothorax nigrita* var. *rupestris* Forel, 1909e: 377 (w.q.) ALGERIA.

*russula. Myrmica russula* Nylander, 1856b: 82 (footnote) (w.q.) "Santo Domingo". Junior synonym of *sallei*: Roger, 1862c: 293.

*rusticus. Leptothorax rusticus* Santschi, 1918a: 36, fig. D (w.) TUNISIA. Junior synonym of *oraniensis*: Cagniant, 1970a: 419.

*sachalinensis. Leptothorax tuberum* subsp. *sachalinensis* Kupyanskaya, 1990: 142 (w.q.) RUSSIA. Junior synonym of *kaszabi*: Radchenko, 1995c: 19.

***saharensis****. Leptothorax nigrita* var. *saharensis* Santschi, 1929c: 102, fig. 4 (q.) ALGERIA. [Also described as new by Santschi, 1934f: 170.]

***salambo****. Leptothorax nigrita* var. *salambo* Santschi, 1912f: 174 (w.) TUNISIA.

*salina. Leptothorax tuberum* var. *salina* Karavaiev, 1937: 174, fig. 2 (w.) UKRAINE. Junior synonym of *unifasciatus*: Radchenko, 1995c: 15.

***sallei****. Myrmica sallei* Guérin-Méneville, 1852: 73, pl. 3, figs. 1-4 (w.q.m.) HAITI. Combination in *Pogonomyrmex*: Dalla Torre, 1893: 120; in *Macromischa*: Forel, 1899c: 57 (footnote); in *Leptothorax*: Baroni Urbani, 1978b: 489; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *russula*: Roger, 1862c: 293; of *haytiana, opacinoda*: Baroni Urbani, 1978b: 490.

***salvini****. Macromischa salvini* Forel, 1899c: 57, pl. 3, fig. 18 (w.) PANAMA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 494; in *Temnothorax*: Bolton, 2003: 272. Current subspecies: nominal plus *obscurior* (unresolved junior homonym).

***santra****. Leptothorax santra* Terayama & Onoyama, 1999: 92, figs. 27, 28 (w.) JAPAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***santschii****. Leptothorax flavispinus* r. *santschii* Forel, 1905b: 173 (w.q.m.) TUNISIA. Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species and senior synonym of *boiteli*, *facetus*: Cagniant & Espadaler, 1997: 276.

***sardous****. Leptothorax rottenbergi* var. *sardoa* Santschi, 1909b: 474, fig. 6 (w.) ITALY (Sardinia). Bondroit, 1918: 134 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Bondroit, 1918: 134.

***satunini****. Leptothorax satunini* Ruzsky, 1902b: 477 (w.) CAUCASUS. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *bulgaricus*: Forel, 1904b: 375; Emery, 1924d: 253; Kuznetsov-Ugamsky, 1926a: 75. Status as species: Ruzsky, 1905b: 575; Tarbinsky, 1976: 102; Arnol'di, 1977a: 203.

***saudiae****. Leptothorax saudiae* Collingwood & Agosti, 1996: 325, fig. 9 (w.) SAUDI ARABIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***saxatilis.*** *Temnothorax saxatilis* Schulz, Heinze & Pusch, 2007: 12, figs. 12, 13, 23, 27, 32, 33 (w.q.) ITALY.

***saxonicus****. Leptothorax sordidulus* subsp. *saxonicus* Seifert, 1995: 14, figs. 2, 7, 12, 14 (w.q.) GERMANY. Raised to species: Seifert, 2006: 8.

*scabripes. Macromischa (Macromischa) scabripes* Mann, 1920: 416, fig. 4 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 496. Senior synonym of *brunneipes*: Baroni Urbani, 1978b: 496. Junior synonym of *splendens*: Fontenla Rizo, 1997a: 52.

***scabriosus****. Leptothorax rottenbergi* st. *scabriosus* Santschi, 1909b: 479 (w.) ALGERIA. [Variant spelling in the same publication: *scabrosus*.] Raised to species: Cagniant, 1964: 105. Currently subspecies of *rottenbergii*: Barquin, 1981: 273.

*scandens* Mann, 1922 [*Macromischa*]; see under ***ROGERIA***.

***schaufussi****. Aphaenogaster schaufussi* Forel, 1879b: 465 (w.) SPAIN. Espadaler, 1997d: 102 (q.m.). Combination in *Leptothorax*: Forel, 1890a: lxxii; in *Temnothorax*: Bolton, 2003: 271.

***schaumii****. Leptothorax schaumii* Roger, 1863a: 180 (w.) U.S.A. Mayr, 1886d: 451 (m.); Wesson, L.G. & Wesson, R.G. 1940: 95 (q.); Wheeler, G.C. & Wheeler, J. 1960b: 23 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1394; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *fortinodis, gilvus, melanoticus*: Creighton, 1950a: 271. See also: Wheeler, W.M. 1903c: 232; Mackay, 2000: 403.

***schmittii****. Leptothorax schmittii* Wheeler, W.M. 1903c: 242, pl. 12, fig. 14 (w.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1395; Combination in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 405.

***schoedli****. Temnothorax schoedli* Seifert, 2006: 8, figs. 8 – 10 (w.q.) TURKEY.

***schurri****. Leptothorax rothneyi* r. *schurri* Forel, 1902c: 231 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *schurri*: Emery, 1924d: 257. Raised to species: Bingham, 1903: 218; Bolton, 1995b: 244.

***schwarzi****. Macromischa (Macromischa) schwarzi* Mann, 1920: 415 (q.) CUBA. Baroni Urbani, 1978b: 497 (w.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 497; in *Temnothorax*: Bolton, 2003: 272.

***semenovi****. Leptothorax semenovi* Ruzsky, 1903b: 311 (w.) TRANSCASPIA. Dlussky & Soyunov, 1988: 33 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271.

***semiruber****. Leptothorax rottenbergi* var. *semiruber* André, 1881b: 72 (w.) ISRAEL. Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *rottenbergi*: Santschi, 1909b: 475; Santschi, 1921a: 111. Raised to species and senior synonym of *balcanica*: Agosti & Collingwood, 1987a: 56. See also: Atanassov & Dlussky, 1992: 141.

***senectutis****. Leptothorax senectutis* Baroni Urbani, 1978b: 499, figs. 24, 121 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 272.

*sergensis. Leptothorax rusticus* var. *sergensis* Santschi, 1929e: 154 (w.q.) TUNISIA. Junior synonym of *oraniensis*: Cagniant & Espadaler, 1997: 269.

*sericeiventris* Santschi, 1918a: 35 (**unavailable name**); see under ***LEPTOTHORAX***.

***serviculus****. Leptothorax serviculus* Ruzsky, 1902b: 476 (w.) RUSSIA. Ruzsky, 1905b: 768 (q.); Radchenko, 1996c: 16 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. See also: Kupyanskaya, 1990: 140.

***sevanensis****. Leptothorax sevanensis* Arnol'di, 1977a: 210 (w.q.) ARMENIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***shannxiensis****. Temnothorax shannxiensis* Zhou, *et al*. 2010: 20, figs. 16-18 (w.) CHINA.

***shelkovnikovi****. Leptothorax (Leptothorax) shelkovnikovi* Karavaiev, 1926c: 166, fig. 4 (w.) CAUCASUS. Radchenko, 1995a: 27 (q.). Combination in *Temnothorax*: Bolton, 2003: 271.

*silvanus. Leptothorax angustulus* subsp. *silvanus* Forel, 1907b: 206 (w.) ALGERIA. Junior synonym of *algiricus*: Cagniant & Espadaler, 1997: 278.

***silvestrii****. Tetramorium silvestrii* Santschi, 1911d: 6 (w.) U.S.A. Creighton, 1953f: 5 (q.m.). Combination in *Leptothorax*: Santschi, 1922a: 68; in *L. (Myrafant*): Smith, D.R. 1979: 1395; in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 407.

*silvestrii. Leptothorax silvestrii* Menozzi, 1921: 27, fig. 1 (w.q.) ITALY. [Junior secondary homonym of *silvestrii* Santschi, above.] Replacement name: *minozzii* Santschi, 1922a: 68.

***simesno****. Leptothorax simesno* Espadaler, in Cagniant & Espadaler, 1997: 272, fig. 10 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

*similis. Leptothorax similis* Baroni Urbani, 1978b: 501. Replacement name for *affinis* Mann, 1920: 417. [Junior secondary homonym of *Leptothorax affinis* Mayr, 1855: 442.] Junior synonym of *laetus*: Snelling, R.R. 1986: 154.

***simlensis****. Leptothorax rothneyi* var. *simlensis* Forel, 1904c: 22 (w.) INDIA.

*simpliciuscula. Myrmica simpliciuscula* Nylander, 1856b: 92, pl. 3, fig. 40 (w.) FRANCE. Junior synonym of *interruptus*: Roger, 1859: 258; Mayr, 1861: 59.

***singularis****. Leptothorax singularis* Radchenko, 1994i: 29, fig. 5 (w.q.) TAJIKISTAN. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 150.

***skwarrae****. Macromischa skwarrae* Wheeler, W.M. 1931b: 10 (w.q.) MEXICO. Combination in *Leptothorax*: Baroni Urbani, 1978b: 503; in *Temnothorax*: Bolton, 2003: 272.

*slavonicus. Leptothorax nylanderi* subsp. *slavonicus* Seifert, 1995: 4, figs. 5, 6, 10, 15, 17, 20 (w.q.) GERMANY. Raised to species: Seifert, 1996b: 127, 229. Junior synonym of *crassispinus*: Radchenko, 2000: 44.

***smithi****. Leptothorax smithi* Baroni Urbani, 1978b: 557. Replacement name for *Leptothorax wheeleri* Smith, M.R. 1929: 547. [Junior secondary homonym of *Macromischa wheeleri* Mann, 1920: 422.] Combination in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 409.

***smyrnensis****. Leptothorax bulgaricus* subsp. *smyrnensis* Forel, 1911d: 335 (w.q.) TURKEY.

***solerii****. Leptothorax (Temnothorax) solerii* Menozzi, 1936d: 291, fig. 13 (w.) GREECE. Combination in *Temnothorax*: Bolton, 2003: 271.

***sordidulus****. Leptothorax sordidulus* Müller, 1923: 96 (w.) ITALY. Novak, in Kratochvil, Novak & Snoflak, 1944: 118 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *carinthiacus*: Schulz, 1991: 121; of *mulleri*: Bolton, 1995b: 244; of *tergestina*: Seifert, 2006: 8.

***specularis****. Leptothorax exilis* var. *specularis* Emery, 1916b: 174 (w.) ITALY. [First available use of *Leptothorax tuberum* subsp. *exilis* var. *specularis* Emery, 1898c: 135; unavailable name.] Santschi, 1923a: 135 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *exilis*: Baroni Urbani, 1971d: 1041. Revived from synonymy and raised to species: Collingwood, 1978: 70.

***spinosior****. Leptothorax congruus* var. *spinosior* Forel, 1901e: 371 (w.) JAPAN. Wheeler, W.M. 1906c: 317 (q.); Imai, 1966: 119 (k.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Terayama & Satoh, 1990b: 532. See also: Terayama & Onoyama, 1999: 93.

***spinosus****. Leptothorax tuberum* r. *spinosus* Forel, 1909e: 377 (w.) ALGERIA. [First available use of *Leptothorax tuberum* r. *unifasciatus* var. *spinosus* Forel, 1894d: 38; unavailable name.] Cagniant, 1970b: 203 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Cagniant, 1970b: 201; Cagniant, 1987c: 249.

*spinosus* Smith, M.R. 1929: 551 (**unavailable name**); see under ***LEPTOTHORAX***.

***splendens****. Macromischa splendens* Wheeler, W.M. 1905b: 98, pl. 7, fig. 9 (w.q.m.) BAHAMAS. Combination in *Leptothorax*: Baroni Urbani, 1978b: 505; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *scabripes*: Fontenla Rizo, 1997a: 52.

***splendidiceps****. Leptothorax (Myrafant) niger* subsp. *splendidiceps* Baroni Urbani, 1968b: 458, figs. 33-36 (w.q.l.) MALTA. Schembri & Collingwood, 1981: 433 (m.). Currently subspecies of *laestrygon*: Baroni Urbani, 1971c: 112.

***squamifer****. Macromischa squamifera* Roger, 1863a: 186 (w.) CUBA. Baroni Urbani, 1978b: 509 (q.m.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 508; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *atrinodis*: Wheeler, W.M. 1931b: 21.

***staegeri****. Leptothorax unifasciatus* var. *staegeri* Bondroit, 1918: 131 (w.q.m.) SWITZERLAND. [First available use of *Leptothorax tuberum* r. *unifasciatus* var. *staegeri* Forel, 1917: 251; unavailable name.]

***steinbergi****. Leptothorax steinbergi* Arnol'di, 1971: 1823, fig. 1 (w.) KAZAKHSTAN. Combination in *Temnothorax*: Bolton, 2003: 271.

***stenotyle****. Leptothorax stenotyle* Cole, 1956e: 214. Replacement name for *angustinodus* Cole, 1956b: 28. [Junior primary homonym of *angustinode*: Stitz, 1917: 336.] Combination in *L*. *(Myrafant*): Smith, D.R. 1979: 1395; in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 410.

*stipaceus. Leptothorax tuberum* subsp. *stipaceus* Ruzsky, 1905b: 586 (w.q.m.) RUSSIA. Raised to species: Ruzsky, 1925b: 45. See also: Arnol'di, 1971: 1825. Junior synonym of *tuberum*: Radchenko, 1995c: 14.

*stitzi. Leptothorax cabrerae* var. *stitzi* Santschi, 1918a: 34. Replacement name for *denticulatus* Stitz, 1917: 336. [Junior primary homonym of *denticulatus* Mayr, 1901b: 5.] Junior synonym of *cabrerae*: Hohmann, La Roche, *et al*. 1993: 149.

***stollii****. Leptothorax stollii* Forel, 1885a: 352 (w.m.) GUATEMALA. Forel, 1899c: 54 (q.). Combination in *L. (Myrafant*): Kempf, 1972a: 132; in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 411.

***striatulus****. Leptothorax striatulus* Stitz, 1937: 133 (w.) MEXICO. Combination in *L. (Myrafant*): Kempf, 1972a: 132; in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 413.

***striatus****. Temnothorax striatus* Zhou, *et al*. 2010: 17, figs. 10-12 (w.) CHINA.

***subcingulatus****. Leptothorax luteus* var. *subcingulata* Emery, 1924c: 166 (w.) SPAIN. Menozzi, 1927b: 90 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Collingwood, 1978: 70.

***subditivus****. Macromischa subditiva* Wheeler, W.M. 1903b: 99, fig. 5 (w.) U.S.A. Wheeler, W.M. 1931b: 15 (q.); Smith, M.R. 1939e: 504 (m.). Combination in *Leptothorax*: Baroni Urbani, 1978b: 512; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *flavitarsis, laevissima, luciliae*: Baroni Urbani, 1978b: 512. See also: Creighton, 1966a: 282.

***suberis****. Leptothorax (Temnothorax) recedens* var. *suberis* Forel, 1894d: 33 (w.) ALGERIA. Cagniant & Espadaler, 1997: 268 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Junior synonym of *recedens*: Collingwood, 1978: 69. Revived from synonymy and raised to species: Cagniant & Espadaler, 1997: 268.

*submuticus. Leptothorax submuticus* Emery, 1915a: 261 (w.q.) MOROCCO. Junior synonym of *convexus*: Cagniant & Espadaler, 1997: 278.

*subnudus. Leptothorax nassonovi* var. *subnudus* Ruzsky, 1905b: 581 (w.) CHINA. Junior synonym of *nassonovi*: Radchenko, 1995d: 9; Radchenko, 2005b: 151.

***susamyri****. Leptothorax (Leptothorax) susamyri* Dlussky, 1965b: 28 (w.) KYRGYZSTAN. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Tarbinsky, 1976: 89.

*suturalis* Santschi, 1921b: 426 (**unavailable name**); see under ***LEPTOTHORAX***.

***taivanensis****. Leptothorax taivanensis* Wheeler, W.M. 1929g: 54 (w.) TAIWAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*talassicus. Leptothorax talassicus* Tarbinsky, 1976: 101, figs. 142-144 (w.) KYRGYZSTAN. Junior synonym of *oxianus*: Radchenko, 1994d: 151 (in key); Radchenko, 1995a: 27.

***tamarae****. Leptothorax tamarae* Radchenko, 1994i: 23, fig. 1 (w.) GEORGIA. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 150.

***tauricus****. Leptothorax unifasciatus* var. *tauricus* Ruzsky, 1902d: 22 (w.) UKRAINE. Karavaiev, 1927a: 292 (q.); Radchenko, 1995c: 16 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Subspecies of *unifasciatus*: Arnol'di, 1977a: 202. Raised to species and senior synonym of *pithyusae*: Radchenko, 1994d: 157 (in key); Radchenko, 1995c: 16; senior synonym of *babuganicus*: Radchenko, 1995c: 16.

***tebessae****. Leptothorax tuberum* r. *tebessae* Forel, 1890a: lxxiv (w.q.) ALGERIA. Cagniant, 1970a: 424 (m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Dalla Torre, 1893: 127. Subspecies of *nylanderi*: Emery, 1924d: 255. Status as species: Santschi, 1923f: 330; Santschi, 1929e: 156; Cagniant, 1964: 105; Cagniant, 1987c: 249. Current subspecies: nominal plus *gapsensis*.

*tellensis* Santschi, 1939d: 74 (**unavailable name**); see under ***LEPTOTHORAX***.

***tenuisculptus****. Leptothorax tenuisculptus* Baroni Urbani, 1978b: 517, figs. 59, 99 (w.) MEXICO. Combination in *Temnothorax*: Bolton, 2003: 272.

***tenuispinus****. Leptothorax tenuispinus* Santschi, 1911i: 285 (q.) TUNISIA. Combination in *L. (Temnothorax)*: Santschi, 1918a: 32; in *Temnothorax*: Bolton, 2003: 271.

*tenuispinus* Santschi, 1939d: 74 (**unavailable name**); see under ***LEPTOTHORAX***.

*tergestina. Leptothorax sordidulus* var. *tergestina* Finzi, 1928b: 129 (w.) ITALY. Junior synonym of *sordidulus*: Seifert, 2006: 8.

***terricola****. Macromischa (Antillaemyrmex) terricola* Mann, 1920: 423, fig. 7 (w.q.) CUBA. Combination in *Antillaemyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 518; in *Temnothorax*: Bolton, 2003: 272.

***terrigena****. Leptothorax terrigena* Wheeler, W.M. 1903c: 254, pl. 12, fig. 21 (w.q.) U.S.A. Combination in *L. (Myrafant*): Smith, D.R. 1979: 1395; in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 414.

***tesquorum****. Leptothorax tesquorum* Arnol'di, 1977a: 201 (w.) GEORGIA. Combination in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *elderensis*: Radchenko, 1994d: 150 (in key); Radchenko, 1996c: 18.

***texanus****. Leptothorax texanus* Wheeler, W.M. 1903c: 245, pl. 12, fig. 16 (w.q.m.) U.S.A. Wheeler, G.C. & Wheeler, J. 1960b: 24 (l.). Combination in *L. (Myrafant*): Smith, M.R. 1950a: 30; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *davisi*: Deyrup & Cover, 2004a: 56. See also: Smith, M.R. 1952b: 102; Mackay, 2000: 415.

***theryi****. Leptothorax theryi* Santschi, 1921b: 425, fig. 1 (w.) MOROCCO. Cagniant & Espadaler, 1997: 273 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271.

***tianpeng****. Temnothorax tianpeng* Terayama, 2009: 184, fig. 240 (w.q.) TAIWAN.

***tianschanicus****. Leptothorax tianschanicus* Tarbinsky, 1976: 100, figs. 138-141 (w.) KYRGYZSTAN. Combination in *Temnothorax*: Bolton, 2003: 271.

*timida. Leptothorax convexus* var. *timida* Santschi, 1912c: 148 (w.m.) MOROCCO. Junior synonym of *algiricus*: Cagniant & Espadaler, 1997: 278.

*tirolensis. Leptothorax tirolensis* Gredler, 1858: 26 (w.) AUSTRIA. Subspecies of *tuberum*: Emery & Forel, 1879: 459. Status as species: André, 1883a: 297; Dalla Torre, 1893: 127. Junior synonym of *affinis*: Emery, 1914d: 158 (footnote).

***torrei****. Macromischa (Antillaemyrmex) torrei* Aguayo, 1931: 178 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 520; in *Temnothorax*: Bolton, 2003: 272.

***totonicapani****. Leptothorax totonicapani* Baroni Urbani, 1978b: 521, figs. 64, 102 (w.) GUATEMALA. Combination in *Temnothorax*: Bolton, 2003: 272.

*tozae* Schmitz, 1950: 16 (*nomen nudum*); see under ***LEPTOTHORAX***.

***trabutii****. Leptothorax angustulus* r. *trabutii* Forel, 1894d: 37 (w.) ALGERIA. Subspecies of *angustulus*: Santschi, 1911a: 12; Senior synonym of *lindbergi*: Cagniant & Espadaler, 1997: 278. Currently subspecies of *algiricus*: Cagniant & Espadaler, 1997: 278.

*transitoria* Santschi, 1909b: 478 (**unavailable name**); see under ***LEPTOTHORAX***.

***tricarinatus****. Leptothorax (Leptothorax) tricarinatus* Emery, 1895c: 321, pl. 8, fig. 14 (w.) U.S.A. Smith, M.R. 1952b: 99 (m.). Combination in *L. (Myrafant*): Smith, M.R. 1950: 30; in *Temnothorax*: Bolton, 2003: 272. See also: Wheeler, W.M. 1903c: 247; Mackay, 2000: 417.

***tricolor****. Leptothorax tricolor* Santschi, 1925g: 346 (w.) MOROCCO. Combination in *Temnothorax*: Cagniant, 1964: 104; in *Leptothorax*: Bolton, 1995b: 245; in *Temnothorax*: Bolton, 2003: 271.

***tristis****. Leptothorax tristis* Bondroit, 1918: 129, fig. 62 (w.) FRANCE. Combination in *Temnothorax*: Bolton, 2003: 271.

*tristis. Croesomyrmex iris* var. *tristis* Wheeler, W.M. 1931b: 25 (w.) CUBA. [**Unresolved junior secondary homonym** of *tristis* Bondroit, above.] Junior synonym of *iris*: Baroni Urbani, 1978b: 454.

*tuberoaffinis. Leptothorax tuberoaffinis* Bondroit, 1918: 131 (w.q.) SWITZERLAND. [First available use of *Leptothorax tuberum* var. *tuberoaffinis* Forel, 1874: 86. *Nomen nudum*. *Leptothorax tuberum* r. *affinis* var. *tuberoaffinis* Forel, 1915d: 23 (in key); unavailable name.] Subspecies of *affinis*: Stitz, 1939: 174; Novak & Sadil, 1941: 92. Junior synonym of *affinis*: Kutter, 1977c: 14.

*tuberointerruptus. Leptothorax tuberointerruptus* Bondroit, 1918: 126 (w.q.) SWITZERLAND. [First available use of *Leptothorax tuberum* var. *tuberointerruptus* Forel, 1874: 86. *Nomen nudum*. *Leptothorax tuberum* r. *interruptus* var. *tuberointerruptus* Forel, 1915d: 24 (in key); unavailable name.] Status as species: Betrem, 1926: 217. Subspecies of *interruptus*: Novak & Sadil, 1941: 93. Revived status as species: Seifert, 1994: 22. Junior synonym of *albipennis*: Orledge, 1998: 31.

***tuberonigriceps****. Leptothorax tuberum* var. *tuberonigriceps* Forel, 1874: 88 (w.q.m.) SWITZERLAND.

*tuberosa. Formica tuberosa* Latreille, 1802c: 259 (w.q.) FRANCE. Erroneous rendering and hence junior synonym of *tuberum*: Stephens, 1829: 356; Dalla Torre, 1893: 127.

***tuberum****. Formica tuberum* Fabricius, 1775: 393 (w.) SWEDEN. Lepeletier, 1835: 183 (q.m.); Nylander, 1846a: 939 (q.m.); Adlerz, 1886: 82 (gynandromorph); Hauschteck, 1962: 219 (k.). Combination in *Manica*: Jurine, 1807: 279; in *Leptothorax*: Mayr, 1855: 442; in *Temnothorax*: Bolton, 2003: 271. Senior synonym of *tuberosa*: Stephens, 1829: 356; Dalla Torre, 1893: 127; of *melanocephalus*: Casevitz-Weulersse, 1990b: 420; of *acutinodis*: Arakelian, 1994: 58; of *pratostepposus*: Radchenko, 1994d: 157 (in key); of *alaicus, ciscaucasicus, nigricephalus, stipaceus*: Radchenko, 1995c: 14. Material of the *nomen nudum nigroscutellata* referred here by Emery, 1914e: 2. See also: Baroni Urbani, 1971c: 124; Tarbinsky, 1976: 96; Kutter, 1977c: 134; Collingwood, 1979: 75; Atanassov & Dlussky, 1992: 142; Orledge, 1998: 25. Current subspecies: nominal plus *nylanderounifasciatus, tuberonigriceps*.

***tuneticus****. Leptothorax bucheti* var. *tunetica* Santschi, 1918a: 34 (w.q.m.) TUNISIA. Currently subspecies of *bucheti*: Santschi, 1939d: 74.

***turcicus****. Leptothorax turcicus* Santschi, 1934d: 278 (w.) TURKEY. Combination in *Temnothorax*: Bolton, 2003: 271.

***turritellus****. Leptothorax turritellus* Espadaler, in Cagniant & Espadaler, 1997: 279, figs. 28, 63 (w.q.m.) MOROCCO. Combination in *Temnothorax*: Bolton, 2003: 271.

***tuscaloosae****. Leptothorax tuscaloosae* Wilson, 1951: 128 (w.q.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 272. See also: Mackay, 2000: 419.

***tyndalei****. Leptothorax tuberum* subsp. *tyndalei* Forel, 1909e: 373 (w.) ALGERIA. Cagniant, 1966a: 18 (q.m.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Cagniant, 1966a: 17. Senior synonym of *balli, cervantesi*: Cagniant & Espadaler, 1997: 273.

*ucrainicus. Leptothorax unifasciatus* subsp. *ucrainicus* Arnol'di, 1977a: 204 (w.) UKRAINE. Junior synonym of *unifasciatus*: Radchenko, 1995c: 15.

*umbratipes. Macromischa affinis* subsp. *umbratipes* Wheeler, W.M. 1937b: 455 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 522. Raised to species: Baroni Urbani, 1978b: 522. Junior synonym of *laetus*: Fontenla Rizo, 1997a: 51.

*unifasciatointerruptus. Leptothorax tuberum* var. *unifasciatointerruptus* Forel, 1874: 86 (m.) SWITZERLAND. Subspecies of *unifasciatus*: Bondroit, 1918: 131. Junior synonym of *unifasciatus*: Kutter, 1977c: 14.

***unifasciatonigriceps****. Leptothorax unifasciatus* var. *unifasciatonigriceps* Novak & Sadil, 1941: 93 (w.q.) GERMANY. [First available use of *Leptothorax tuberum* subsp. *nigriceps* var. *unifasciatonigriceps* Gösswald, 1932: 149; unavailable name.]

*unifasciatonigricipoides* Dalla Torre, 1893: 128. *Nomen nudum*; attributed to Forel; see under ***LEPTOTHORAX***.

***unifasciatus****. Formica unifasciata* Latreille, 1798: 47 (w.q.m.) FRANCE. Wheeler, G.C. & Wheeler, J. 1955b: 25 (l.). Combination in *Manica*: Jurine, 1807: 279; in *Leptothorax*: Mayr, 1855: 444; in *Temnothorax*: Bolton, 2003: 272. Subspecies of *tuberum*: Forel, 1874: 85; Emery & Forel, 1879: 459; André, 1883a: 299; Forel, 1890a: lxxv; Emery, 1891b: 5; Bondroit, 1910: 497; Emery, 1916b: 175; Finzi, 1924a: 13; Menozzi, 1925d: 28; Karavaiev, 1926c: 163. Status as species: Saunders, E. 1880: 220; Nasonov, 1889: 32; Dalla Torre, 1893: 129; Ruzsky, 1902d: 21; Bondroit, 1912: 351; Bondroit, 1918: 131; Müller, 1923: 91; Finzi, 1928b: 130; Finzi, 1930d: 314; Finzi, 1933: 164; Boven, 1947: 179; Bernard, 1967: 211; Kutter, 1977c: 134; Collingwood, 1979: 76; Atanassov & Dlussky, 1992: 144. Senior synonym of *anoplogynus*: Emery, 1916b: 175; of *unifasciatointerruptus* Kutter, 1977c: 14; of *cordieri* and material of the unavailable name *paolii* referred here: Casevitz-Weulersse, 1990b: 417; of *brauneri* Karavaiev, *kirillovi, salina, ucrainicus*: Radchenko, 1995c: 15; of *volubilis*: Cagniant & Espadaler, 1997: 274. Current subspecies: nominal plus *obenbergeri, rougeti, staegeri, unifasciatonigriceps*.

***universitatis****. Leptothorax universitatis* Espadaler, 1997b: 33, fig. 2 (w.q.m.) SPAIN. Combination in *Temnothorax*: Bolton, 2003: 271.

***usunkul****. Leptothorax usunkul* Ruzsky, 1924: 152 (w.) RUSSIA. Combination in *Temnothorax*: Bolton, 2003: 271.

*veneris* Santschi, 1918a: 35 (**unavailable name**); see under ***LEPTOTHORAX***.

***versicolor****. Macromischa versicolor* Roger, 1863a: 187 (w.) CUBA. Mann, 1929: 166 (q.); Baroni Urbani, 1978b: 524 (m.). Combination in *M. (Croesomyrmex*): Mann, 1920: 421; in *Croesomyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 523; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *lugens* (and its junior synonym *nigra*): Baroni Urbani, 1978b: 523. Current subspecies: nominal plus *guanahacabibes*.

***villarensis****. Macromischa manni* var. *villarensis* Aguayo, 1931: 177 (w.) CUBA. Combination in *Temnothorax*: Bolton, 2003: 272. Raised to species, first available replacement name for *manni* Wheeler, W.M. 1931b: 19 [Junior secondary homonym of *manni* Wheeler, W.M. 1914b: 53.] and senior synonym of *williami*: Snelling, R.R. 1986: 155.

***violaceus****. Macromischa (Macromischa) violacea* Mann, 1924: 20 (w.) CUBA. Combination in *Leptothorax*: Baroni Urbani, 1978b: 526; in *Temnothorax*: Bolton, 2003: 272.

***volgensis****. Leptothorax nassonovi* subsp. *volgensis* Ruzsky, 1905b: 582 (w.) RUSSIA. Kupyanskaya, 1990: 142 (q.). Combination in *Temnothorax*: Bolton, 2003: 271. Raised to species: Arnol'di, 1977a: 203.

*volubilis. Leptothorax volubilis* Santschi, 1929e: 155, fig. 5 (w.q.) MOROCCO. Junior synonym of *unifasciatus*: Cagniant & Espadaler, 1997: 274.

*wasmanni* Forel, 1901 [*Macromischa*]; see under ***TETRAMORIUM***.

***werneri****. Leptothorax werneri* Radchenko, 1994i: 24, fig. 2 (w.) CAUCASUS. Combination in *Temnothorax*: Bolton, 2003: 271. See also: Radchenko, 1994d: 149.

***wheeleri****. Macromischa (Croesomyrmex) wheeleri* Mann, 1920: 422, fig. 6 (w.q.) CUBA. Wheeler, G.C. & Wheeler, J. 1955b: 18 (l.); Baroni Urbani, 1978b: 529 (m.). Combination in *Croesomyrmex*: Wheeler, W.M. 1931b: 32; in *Leptothorax*: Baroni Urbani, 1978b: 527; in *Temnothorax*: Bolton, 2003: 272. Senior synonym of *petri*: Brown, 1959e: 73.

*wheeleri. Leptothorax wheeleri* Smith, M.R. 1929: 547, fig. 1 (w.q.) U.S.A. Wheeler, G.C. & Wheeler, J. 1989a: 323 (l.). Combination in *L. (Myrafant*): Smith, D.R. 1979: 1395. [Junior secondary homonym of *wheeleri* Mann, above.] Replacement name: *smithi* Baroni Urbani, 1978b: 557.

***whitfordi****. Leptothorax (Myrafant) whitfordi* Mackay, 2000: 421, figs. 65, 67, 188-190 (w.q.m.) U.S.A. Combination in *Temnothorax*: Bolton, 2003: 272.

*williami. Leptothorax williami* Baroni Urbani, 1978b: 530. Unnecessary replacement name for *manni* Wheeler, 1931b: 19. Junior synonym of *villarensis*: Snelling, R.R. 1986: 155.

***wollastoni****. Leptothorax wollastoni* Donisthorpe, 1940a: 45 (w.) PORTUGAL (Madeira I.). Combination in *Temnothorax*: Bolton, 2003: 271.

***wroughtonii****. Leptothorax wroughtonii* Forel, 1904c: 22 (w.) INDIA. Combination in *Temnothorax*: Bolton, 2003: 271.

***wui****. Leptothorax congruus* var. *wui* Wheeler, W.M. 1929f: 7 (w.q.m.) CHINA. Combination in *Temnothorax*: Radchenko, 2004: 129. Raised to species: Radchenko, 2004: 129.

***xanthos****. Temnothorax xanthos* Radchenko, 2004: 114, figs. 4-6 (w.) NORTH KOREA.

***yanwan****. Temnothorax yanwan* Terayama, 2009: 185 (w.) TAIWAN.

***zhejiangensis****. Temnothorax zhejiangensis* Zhou, *et al*. 2010: 21, figs. 19-21 (w.) CHINA.

***TERATANER***

***alluaudi****. Atopomyrmex alluaudi* Emery, 1895f: 341, fig. 2 (w.) MADAGASCAR. Wheeler, G.C. & Wheeler, J. 1980: 536 (l.); Alpert, 1992: 123 (q.m.). Combination in *Terataner*: Emery, 1912b: 103.

***bottegoi****. Atopomyrmex bottegoi* Emery, 1896i: 155, fig. (w.) SOMALIA. Combination in *Terataner*: Emery, 1912b: 103. See also: Bolton, 1981b: 291.

***elegans****. Terataner elegans* Bernard, 1953b: 243, fig. 13 (q.) GUINEA. Bolton, 1981b: 292 (w.).

***foreli****. Atopomyrmex foreli* Emery, 1899f: 274, figs. (w.m.) MADAGASCAR. Combination in *Terataner*: Emery, 1912b: 103.

***luteus****. Atopomyrmex luteus* Emery, 1899e: 477 (w.) CAMEROUN. Combination in *Terataner*: Emery, 1912b: 103. See also: Bolton, 1981b: 293.

***piceus****. Terataner piceus* Menozzi, 1942: 173 (w.) EQUATORIAL GUINEA. [Also listed as new in Eidmann, 1944: 469.] See also: Bolton, 1981b: 293.

***rufipes****. Terataner rufipes* Emery, 1912b: 104 (w.) MADAGASCAR.

***scotti****. Atopomyrmex scotti* Forel, 1912k: 160 (w.m.) SEYCHELLES IS. Combination in *Terataner*: Emery, 1912b: 103.

***steinheili****. Atopomyrmex steinheili* Forel, 1895h: 485 (w.) MADAGASCAR. Combination in *Terataner*: Emery, 1912b: 103.

***transvaalensis****. Terataner (Tranetera) transvaalensis* Arnold, 1952b: 130, fig. (w.) SOUTH AFRICA. See also: Bolton, 1981b: 294.

***velatus****. Terataner velatus* Bolton, 1981b: 295 (w.) GHANA.

***xaltus****. Terataner xaltus* Bolton, 1981b: 296, fig. 52 (w.) MADAGASCAR.

***TERATOMYRMEX***

***greavesi****. Teratomyrmex greavesi* McAreavey, 1957: 55, figs. 1-3 (w.) AUSTRALIA. Wheeler, G.C. & Wheeler, J. 1974e: 39 (l.).

*TERMITOPONE*: see under ***PACHYCONDYLA***.

***TETHEAMYRMA***

***subspongia****. Tetheamyrma subspongia* Bolton, 1991: 10, figs. 16, 17 (w.) BORNEO.