

**TECHNOMYRMEX**

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

*affinis*. *Technomyrmex foreli* var. *affinis* Santschi, 1930a: 71.

Type-material: 4 syntype workers.

Type-localities: 3 syntypes Kenya ("Afr. Or. Angl."): Rift Valley, Naivasha, xii.1911, 1900 m., st. no. 14, no. 694/14 (*Alluaud & Jeannel*); 1 syntype Kenya: Molo, Mau escarpment, 2080 m., st. no. 19, xii.1911 (*Alluaud & Jeannel*).

Type-depositories: MHNG, NHMB.

[First available use of *Technomyrmex albipes* st. *foreli* var. *affinis* Santschi, 1914b: 119 (w.) KENYA; unavailable (infrasubspecific) name.]

As unavailable (infrasubspecific) name: Wheeler, W.M. 1922a: 926.

Subspecies of *foreli*: Shattuck, 1994: 161; Bolton, 1995b: 402.

Junior synonym of *pallipes*: Bolton, 2007a: 56.

*albicoxis*. *Technomyrmex cheesmanae* var. *albicoxis* Donisthorpe, 1945b: 58 (w.) NEW GUINEA (Indonesia: Waigeu I.).

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Indonesia ("North Dutch New Guinea"): Waigeu I., Camp Nok, 2500 ft, v.1938 (*L.E. Cheesman*); paratype with same data.

Type-depository: BMNH.

**Subspecies of *cheesmanae***: Shattuck, 1994: 160; Bolton, 1995b: 402.

**Status as species**: Bolton, 2007a: 67 (redescription).

Distribution: Indonesia (Waigeu I.), Papua New Guinea.

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

*albipes*. *Formica (Tapinoma) albipes* Smith, F. 1861b: 38 (w.) INDONESIA (Sulawesi).

Type-material: 2 syntype workers.

Type-locality: Indonesia: Sulawesi ("Celebes"), Tondano ("Tond") (*A.R. Wallace*).

Type-depository: OXUM.

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*: Roger, 1863b: 13; Mayr, 1863: 455; Emery, 1887a: 249; combination in *Technomyrmex*: Emery, 1888d: 392.

**Status as species**: Roger, 1863b: 13; Mayr, 1863: 455; Smith, F. 1871a: 310; Mayr, 1872: 147; Mayr, 1876: 83; Forel, 1891b: 98 (redescription); André, 1892b: 51; Dalla Torre, 1893: 166; Emery, 1893f: 249; Emery, 1893g: 267; Forel, 1894b: 74; Forel, 1895a: 49; Forel, 1895e: 466; Emery, 1895h: 43; Emery, 1897d: 573; Emery, 1900d: 696; Emery, 1901f: 121; Emery, 1901g: 567; Forel, 1901b: 17; Dahl, 1901: 12; Rothney, 1903: 98; Bingham, 1903: 301; Forel, 1904b: 376; Forel, 1905c: 23; Forel, 1908a: 3, 21; Wheeler, W.M. 1908c: 166; Wheeler, W.M. 1909d: 342; Forel, 1909b: 55; Forel, 1909e: 395; Forel, 1910b: 56; Emery, 1911b: 532; Emery, 1911c: 249; Forel, 1911b: 207; Forel, 1911i: 226; Stitz, 1911a: 370; Forel, 1912k: 164; Wheeler, W.M. 1912a: 46; Emery, 1913a: 43; Forel, 1913a: 140; Forel, 1913f: 197; Forel, 1913k: 94; Wheeler, W.M. 1913e: 237; Emery, 1914f: 420, 430; Arnold, 1915: 150; Donisthorpe, 1915d: 343; Viehmeyer, 1916a: 143; Wheeler, W.M. 1919e: 101; Mann, 1919: 364; Santschi, 1920h: 172; Wheeler, W.M. 1922a: 925, 1035; Stitz, 1923: 163; Wheeler, W.M. 1923b: 4; Santschi, 1924c: 112; Karavaiev, 1926d: 441; Stärcke, 1926: 117 (in key); Wheeler, W.M. 1927b: 46; Wheeler, W.M. 1927d: 9; Wheeler, W.M. 1927h: 99; Wheeler, W.M. 1927i: 149; Donisthorpe, 1927b: 395; Cheesman & Crawley, 1928: 523; Wheeler, W.M. 1928c: 31; Wheeler, W.M. 1929g: 62; Karavaiev, 1930a: 213; Menozzi, 1930d: 327; Wheeler, W.M. 1930a: 104; Wheeler, W.M. 1930h: 73; Santschi, 1932b: 17; Wheeler, W.M. 1932c: 161; Wheeler, W.M. 1932d: 18; Wheeler, W.M. 1933f: 143; Wheeler, W.M. 1934h: 16; Wheeler, W.M. 1935g: 37;

Wheeler, W.M. 1936f: 15; Wheeler, W.M. 1937a: 23; Teranishi, 1940: 37; Yasumatsu, 1940a: 68; Weber, 1943c: 380; Chapman & Capco, 1951: 194; Brown, 1958h: 41; Wilson, 1962c: 18; Wilson & Taylor, 1967: 82, 103; Taylor, 1967b: 1094; Collingwood, 1976: 300; Taylor, 1976a: 87; Onoyama, 1980: 199; Taylor & Brown, 1985: 107; Collingwood, 1985: 243; Taylor, 1987a: 77; Morisita, *et al.* 1991: 8; Wu, J. & Wang, 1992: 1311; Dlussky, 1994: 55; Shattuck, 1994: 157; Bolton, 1995b: 402; Wu, J. & Wang, 1995: 119; Tang, J., Li, *et al.* 1995: 92; Dorow, 1996a: 83; Kim & Kim, 1999: 19; Deyrup, *et al.* 2000: 300; Zhou, 2001b: 158; Wetterer, 2002: 128; Blard, *et al.* 2003: 132; Deyrup, 2003: 47; Imai, *et al.* 2003: 84; Lin & Wu, 2003: 60; Wetterer & Vargo, 2003: 416; Collingwood & van Harten, 2005: 77; Radchenko, 2005b: 156; Ghosh, *et al.* 2005: 11; Jaitrong & Nabhitabhata, 2005: 42; Wetterer, 2006: 415; Zhou, 2006: 585; Bolton, 2007a: 68 (redescription); Clouse, 2007b: 209; Don, 2007: 169; Mohanraj, *et al.* 2010: 7; Pfeiffer, *et al.* 2011: 34; Sharaf, Collingwood & Aldawood, 2011: 15 (in key); Guénard & Dunn, 2012: 26; Sarnat, *et al.* 2013: 69; Borowiec, L. 2014: 169; Bharti, Guénard, *et al.* 2016: 20; Jaitrong, Guénard, *et al.* 2016: 22; Yamane, Leong & Lin, 2018: 37; Sharaf, Al Dhafer, *et al.* 2018: 39.

**Senior synonym of *albitarse*:** Emery, 1893f: 249; Dalla Torre, 1893: 166; Forel, 1895e: 466; Emery, 1913a: 43; Wheeler, W.M. 1922a: 926; Shattuck, 1994: 157; Bolton, 1995b: 402; Zhou, 2001b: 158; Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**Senior synonym of *bruneipes*:** Bolton, 2007a: 68; Terayama, 2009: 199; Sharaf, Al Dhafer, *et al.* 2018: 40.

**Synonym of *detorquens* (*nomen oblitum*):** Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**Synonym of *forticulus* (*nomen oblitum*):** Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**Senior synonym of *nigrum*:** Mayr, 1872: 147; Mayr, 1876: 83; Forel, 1891b: 98; Dalla Torre, 1893: 166; Forel, 1895e: 466; Emery, 1913a: 43; Wheeler, W.M. 1922a: 925; Shattuck, 1994: 157; Bolton, 1995b: 402; Zhou, 2001b: 158; Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**Senior synonym of *wedda*:** Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

Distribution [tramp species]:

Afrotropical: South Africa, Tanzania.

Austral: Australia (Queensland).

Malagasy: Chagos Archipelago, Madagascar, Mauritius, Réunion I., Rodrigues I., Seychelles Is.

Malesia: Hawaii Is, Indonesia (Ambon, Bali, Irian Jaya, Java, Kalimantan, Lombok, Seram, Sulawesi), Malaysia (Peninsula, Sabah, Sarawak), Micronesia, Palau Is, Papua New Guinea, Philippines (Luzon, Mindoro), Singapore, Solomon Is.

Oriental: China, India, Laos, Sri Lanka, Taiwan, Vietnam.

Palearctic: Italy (at airport), Saudi Arabia, United Kingdom (hothouses).

*albitarse*. *Tapinoma albitarse* Motschoulsky, 1863: 14 (w.q.) SRI LANKA.

Type-material: at least 1 syntype worker, 1 syntype queen (implied from original description).

[Note: no type-material is known to exist.]

Type-locality: Sri Lanka ("Ceylan"): Colombo.

Type-depository: unknown.

Status as species: Smith, F. 1871a: 310.

Junior synonym of *albipes*: Emery, 1893f: 249; Dalla Torre, 1893: 166; Forel, 1895e: 466; Emery, 1913a: 43; Wheeler, W.M. 1922a: 926; Shattuck, 1994: 157; Bolton, 1995b: 402; Zhou, 2001b: 158; Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

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

*allecta*. *Engramma allecta* Stitz, 1916: 394, fig. 9 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: 2 syntype workers.

Type-locality: Democratic Republic of Congo ("Belgisch-Kongo"): Uelle-Distrikt, Koloka bei Angu, vi.1911 (*Schubotz*).

Type-depository: MNHU (not in collection, presumed lost).

Combination in *Technomyrmex*: Shattuck, 1992c: 160.

Status as species: Wheeler, W.M. 1922a: 922; Shattuck, 1994: 158; Bolton, 1995b: 402.

Junior synonym of *andrei*: Bolton, 2007a: 19.

**andrei**. *Technomyrmex andrei* Emery, 1899e: 488, fig. (w.) GABON.

Type-material: holotype worker.

Type-locality: Gabon: Ogoué (*E. André*).

Type-depository: MSNG.

Bernard, 1953b: 255 (q.).

**Status as species**: Emery, 1913a: 43; Wheeler, W.M. 1922a: 926; Menozzi, 1933a: 109; Bernard, 1953b: 255; Shattuck, 1994: 158; Bolton, 1995b: 402; Bolton, 2007a: 19 (redescription); Hita Garcia, *et al.* 2013: 202.

**Senior synonym of *allecta***: Bolton, 2007a: 19.

**Senior synonym of *schereri***: Bolton, 2007a: 19.

**Senior synonym of *wolfi***: Bolton, 2007a: 19.

**Senior synonym of *zumpti***: Bolton, 2007a: 19.

Distribution: Angola, Cameroon, Central African Republic, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Kenya, Nigeria, Uganda.

**angustior**. *Technomyrmex modiglianii* var. *angustior* Forel, 1912a: 71 (w.) TAIWAN.

Type-material: syntype workers (number not stated).

Type-locality: Taiwan ("Formosa"): Akau, xii (*H. Sauter*).

Type-depository: MHNG.

Subspecies of *modiglianii*: Wheeler, W.M. 1929g: 62; Teranishi, 1940: 59; Chapman & Capco, 1951: 196; Shattuck, 1994: 165; Bolton, 1995b: 402; Lin & Wu, 2003: 60.

Junior synonym of *brunneus*: Bolton, 2007a: 73; Terayama, 2009: 199.

**antennus**. *Technomyrmex antennus* Zhou, 2001b: 159, 241, figs. 317, 318 (w.) CHINA (Guangxi).

Type-material: holotype worker, 21 paratype workers.

Type-locality: holotype China: Guangxi, Huaping Natural Reserve, 25°40'N, 109°W, 9.vii.1995 (*S. Zhou*); paratypes: 1 worker China: Guangxi, Rongan County, 21.ix.1995 (*S. Zhou*); 20 workers China: Guangxi, Lingui County, 7.vii.1996 (*S. Zhou*).

Type-depository: GNUC.

**Status as species**: Bolton, 2007a: 72 (redescription); Guénard & Dunn, 2012: 26.

Distribution: China (Guangxi).

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

Type-material: holotype worker, 4 paratype workers.

Type-locality: holotype Madagascar: Fianarantsoa Prov., Ranomafana N.P., Talatakely, 900 m., 21°14.9'S, 47°25.5'E, 14.iv.1998, CASENT 0097891, ANTL 2606 (*J. Schweikert*); paratypes: 4 workers with same data but CASENT numbers 0097888, 0097889, 0097890, 0097892.

Type-depository: CASC.

Distribution: Madagascar.

**antonii**. *Technomyrmex bicolor* var. *antonii* Forel, 1902h: 475 (w.m.) AUSTRALIA (Queensland).

Type-material: syntype workers (number not stated), 1 syntype male.

Type-locality: Australia: Queensland, Mackay, 6.94 (*R.E. Turner*).

Type-depository: BMNH, MHNG.

**Subspecies of *bicolor***: Emery, 1913a: 44; Taylor & Brown, 1985: 107; Taylor, 1987a: 77; Shattuck, 1994: 159; Bolton, 1995b: 402.

**Status as species**: Bolton, 2007a: 111 (redescription).

Distribution: Australia (Queensland).

**arnoldinus**. *Technomyrmex arnoldinus* Forel, 1913j: 222 (w.) ZIMBABWE.

Type-material: syntype workers.

Type-locality: Zimbabwe ("Rhodesia"): Bulawayo (*G. Arnold*).

Type-depository: MHNG.

**Status as species**: Arnold, 1915: 148 (redescription); Wheeler, W.M. 1922a: 927; Shattuck, 1994: 159; Bolton, 1995b: 402; Bolton, 2007a: 21 (redescription).

Distribution: Tanzania, Zimbabwe.

*atrachosus*. *Technomyrmex atrachosus* Viehmeyer, 1922: 214 (w.) KENYA.

Type-material: 2 syntype workers.

[Note: 19 workers from type-series, not included in original description, are present in HHNM.]

Type-locality: Kenya: Shirati, v.1909 (*Katona*).

Type-depository: MNHU.

Status as species: Shattuck, 1994: 159; Bolton, 1995b: 402.

Junior synonym of *pallipes*: Bolton, 2007a: 56.

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Australia: North Queensland, nr Dimbulah, 145.05 × 17.05, savanna, c. 450 m., 26.vi.1971, under stone, dry sclero., R.W. Taylor accession 71.632 (*R.W. Taylor & J. Feehan*); paratype with same data.

Type-depository: ANIC.

Distribution: Australia (Queensland).

*bandarensis*. *Technomyrmex grandis* var. *bandarensis* Forel, 1913k: 96 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated).

Type-locality: Indonesia: Sumatra, Bandar Baroe, 3500 ft (*H.v. Buttel-Reepen*).

Type-depository: MHNG.

Subspecies of *grandis*: Chapman & Capco, 1951: 195; Shattuck, 1994: 162; Bolton, 1995b: 402.

Junior synonym of *grandis*: Bolton, 2007a: 83.

**bicolor**. *Technomyrmex bicolor* Emery, 1893f: 249 (w.) SRI LANKA.

Type-material: 2 syntype workers.

Type-locality: Sri Lanka ("Ceylan"): Kandy (*E. Simon*).

Type-depository: MSNG.

**Status as species**: Forel, 1895e: 467; Bingham, 1903: 302; Forel, 1909e: 395; Emery, 1913a: 44; Chapman & Capco, 1951: 195; Taylor & Brown, 1985: 107; Shattuck, 1994: 159; Bolton, 1995b: 402; Tang, J., Li, *et al.* 1995: 92; Zhang, W. & Zheng, 2002: 218; Bolton, 2007a: 72 (redescription); Guénard & Dunn, 2012: 26; Bharti, Guénard, *et al.* 2016: 20.

Distribution: China, India, Sri Lanka.

*brevicornis*. *Technomyrmex brevicornis* Santschi, 1930a: 71, figs. 34-36 (w.) ANGOLA.

Type-material: syntype workers (number not stated).

Type-locality: Angola: S.P. de Loanga, 24.ii.1913 (*Silvestri*).

Type-depository: NHMB.

Status as species: Santschi, 1930b: 56; Santschi, 1937d: 235; Shattuck, 1994: 160; Bolton, 1995b: 402.

Junior synonym of *pallipes*: Bolton, 2007a: 56.

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

Type-material: holotype worker, 9 paratype workers.

Type-locality: holotype Saudi Arabia: Wadi Abha, 18°12'59''N, 42°30'19''E, 2261 m., 18.iii.2004 (*M.R. Sharaf*); paratypes: 9 workers with same data.

Type-depository: EESC (holotype); BMNH, MACG, NHMB, OXUM, SMNH (paratypes).

Sharaf, Al Dhafer, *et al.* 2018: 44 (q.).

**Status as species**: Sharaf, Collingwood & Aldawood, 2011: 15 (in key); Borowiec, L. 2014: 170; Sharaf, Al Dhafer, *et al.* 2018: 44 (redescription).

Distribution: Saudi Arabia.

*bruneipes*. *Technomyrmex albipes* var. *bruneipes* Forel, 1895e: 466 (in text) (w.q.m.) SRI LANKA, INDIA (no state data).

Type-material: syntype workers (number not stated), 1 syntype queen, syntype males (number not stated).

Type-locality: Sri Lanka ("Ceylan"): (no locality), iii.94 (*Yerbury*).

Type-depository: MHNG.

[Note: Forel, 1895e: 467, lists localities in the Indian states of Maharashtra, Karnataka, West Bengal, Kerala, Tamil Nadu, and Gujarat for *albipes*, within the description of which *bruneipes* is mentioned. One or more of

these Indian states must refer to *bruneipes* but none is specified, whereas the Sri Lanka (*Yerbury*) series bears “*bruneipes* typus” labels in the Forel collection (Bolton, 2007a: 69).]

[Misspelled as *brunneipes* by Bingham, 1903: 302, Santschi, 1910c: 391; misspelled as *bruniceps* by Chapman & Capco, 1951: 194.]

Subspecies of *albipes*: Bingham, 1903: 302; Santschi, 1910c: 391; Emery, 1913a: 43; Viehmeyer, 1914a: 113; Donisthorpe, 1915d: 343; Wheeler, W.M. 1922a: 926; Donisthorpe, 1927b: 396; Santschi, 1937h: 377; Chapman & Capco, 1951: 194; Shattuck, 1994: 157; Bolton, 1995b: 402; Lin & Wu, 2003: 60.

Status as species: Collingwood & Agosti, 1996: 361 (misidentification); Collingwood, *et al.* 2011: 416.

Junior synonym of *albipes*: Bolton, 2007a: 68; Terayama, 2009: 199; Sharaf, Al Dhafer, *et al.* 2018: 40.

*bruniceps*, misspelling, see under *bruneipes*.

***brunneus***. *Technomyrmex albipes* r. *brunneus* Forel, 1895e: 467 (w.) INDIA (Maharashtra).

Type-material: holotype worker.

Type-locality: India: Poona, II/9, 1901 (*Wroughton*).

Type-depository: MHNG.

Yamane, Leong & Lin, 2018: 39 (q.m. ergatoid m.)

**Subspecies of *albipes***: Emery, 1913a: 43; Menozzi, 1939a: 338; Chapman & Capco, 1951: 194; Shattuck, 1994: 158.

**Status as species**: Bingham, 1903: 302; Collingwood, 1962: 227; Bolton, 1995b: 402; Bolton, 2007a: 73 (redescription); Terayama, 2009: 199; Pfeiffer, *et al.* 2011: 34; Guénard & Dunn, 2012: 26; Bharti, Guénard, *et al.* 2016: 20; Yamane, Leong & Lin, 2018: 39.

**Senior synonym of *angustior***: Bolton, 2007a: 73; Terayama, 2009: 199.

Distribution: Brunei (?dubious), China (Guangxi), India, Japan, Sri Lanka, Taiwan, Vietnam.

***butteli***. *Technomyrmex butteli* Forel, 1913k: 97, fig. C (w.m.) WEST MALAYSIA.

Type-material: syntype workers (number not stated), 1 putative syntype queen, syntype males (number not stated).

[Forel comments that the workers and males were found together.]

Type-locality: Malaysia: Malacca, Taiping, Maxwell’s Hill, 3000 ft, No. 79a (*H. v. Buttel-Reepen*).

Type-depository: MHNG.

**Status as species**: Chapman & Capco, 1951: 195; Shattuck, 1994: 160; Bolton, 1995b: 402; Jaitrong & Nabhitabhata, 2005: 42; Bolton, 2007a: 75 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Indonesia (Sumatra, Sulawesi), Malaysia (Peninsula, Sabah, Sarawak), Thailand.

***camerunensis***. *Technomyrmex andrei* var. *camerunensis* Emery, 1899e: 489 (w.) CAMEROON.

Type-material: 2 syntype workers.

Type-locality: Cameroon: (no further data), 1895 (*Conradt*).

Type-depository: MSNG.

**Subspecies of *andrei***: Emery, 1913a: 43; Wheeler, W.M. 1922a: 926; Shattuck, 1994: 159; Bolton, 1995b: 402.

**Status as species**: Bolton, 2007a: 21 (redescription); Hita Garcia, *et al.* 2013: 202.

Distribution: Cameroon, Central African Republic, Gabon, Kenya, Uganda.

**\**caritatis***. \**Technomyrmex caritatis* Brandão & Baroni Urbani, in Brandão, Baroni Urbani, *et al.* 1999: 416, figs. 1, 4-6 (w.l.) DOMINICAN AMBER (Dominican Republic, Miocene).

Type-material: holotype worker, paratype workers (number not stated, “many workers and brood”).

Type-locality: holotype Dominican Republic: amber fragment MCCB 0060 (“piece Jorge Caridad”), no. 160, ii.1995, Palo Quemado Mine, ca 10 km. NE Santiago, Cordillera Septentrional (*J. Caridad*); paratypes with same data.

Type-depository: MCCB.

*Incertae sedis* in *Technomyrmex*: Bolton, 2007a: 122; Fernández & Guerrero, 2008: 113.

**Status as species**: Bolton, 2007a: 122; Fernández & Guerrero, 2008: 113.

***cedarensis***. *Technomyrmex albipes* var. *cedarensis* Forel, 1915b: 85 (w.q.) AUSTRALIA (Queensland).

Type-material: syntype workers (number not stated), 1 syntype queen.

Type-locality: workers Australia: Queensland, Cedar Creek, iii.1913, no. 169 (*E. Mjöberg*); queen same locality but iv.1913, no. 115 (*E. Mjöberg*).

Type-depository: MHNG.

**Subspecies of *albipes*:** Taylor & Brown, 1985: 107; Taylor, 1987a: 77; Shattuck, 1994: 158; Bolton, 1995b: 402.

**Status as species:** Bolton, 2007a: 112 (redescription).

Distribution: Australia (New South Wales, Queensland).

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

Type-material: holotype worker.

Type-locality: Brunei: K. Belalong, E115°7', N4°34', viii.1991, mixed dipt. for., *Dryobalanops beccarri*, site 2, fog 10, 300 m. alt. (*N. Mawdsley*).

Type-depository: BMNH.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Brunei.

***cheesmanae*.** *Technomyrmex cheesmanae* Donisthorpe, 1945b: 57 (w.) NEW GUINEA (Indonesia).

Type-material: holotype worker, 21 paratype workers.

Type-locality: holotype Indonesia (Irian Jaya, "Dutch New Guinea"): Mt Nomo, S of Mt Bougainville, 600-1500 ft, xi. 1936 (*L.E. Cheesman*); paratypes: 14 workers with same data, 7 workers Irian Jaya ("E. Dutch New Guinea"), Humoldt Bay, Hollandia, iv.1936 (*L.E. Cheesman*).

Type-depository: BMNH.

**Status as species:** Shattuck, 1994: 160; Bolton, 1995b: 402; Bolton, 2007a: 76 (redescription).

Distribution: Australia (Queensland), Indonesia (Irian Jaya), Papua New Guinea.

***congolensis*.** *Engramma laurenti* var. *congolensis* Forel, 1916: 431 (w.q.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated); 1 putative syntype queen.

Type-locality: Democratic Republic of Congo ("Congo"): St Gabriel and Bengemeza (*Kohl*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *laurenti*: Wheeler, W.M. 1922a: 923; Shattuck, 1994: 163;.

Junior synonym of *laurenti*: Bolton, 2007a: 25.

***congolensis*.** *Technomyrmex albipes* subsp. *congolensis* Karavaiev, 1926d: 443 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: 2 syntype workers (extremely badly damaged).

Type-locality: Democratic Republic of Congo ("Congo belge"): M'boma, no. 2099 (no collector's name).

[Note: it is possible that these syntypes are from the same series as the syntypes of *moerens*.]

Type-depository: UASK.

[Unresolved junior secondary homonym of *Engramma laurenti congolensis* Forel, 1916: 431 (Bolton, 1995b: 402).]

Junior synonym of *moerens*: Santschi, 1930a: 69; Shattuck, 1994: 165; Bolton, 1995b: 402; Bolton, 2007a: 28.

***convexifrons*.** *Technomyrmex convexifrons* Karavaiev, 1926d: 443 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated, "einige"; at least 3).

Type-locality: Indonesia: Sumatra, Tapung kiri, 16.ii.1913, no. 2756 (*O. John*).

Type-depository: UASK.

**Status as species:** Chapman & Capco, 1951: 195; Shattuck, 1994: 160; Bolton, 1995b: 402; Bolton, 2007a: 77 (redescription).

Distribution: Indonesia (Sumatra).

***cordiformis*.** *Technomyrmex albipes* var. *cordiformis* Viehmeyer, 1916a: 143 (w.) SINGAPORE.

Type-material: syntype workers (number not stated).

Type-locality: Singapore: 13 : 86 (*H. Overbeck*).

Type-depository: MNHU.

Subspecies of *albipes*: Shattuck, 1994: 158; Bolton, 1995b: 402.

Junior synonym of *elator*: Bolton, 2007a: 79.

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

Type-material: holotype worker, 28 paratype workers, 3 paratype worker-queen intercastes, 4 paratype males.  
Type-locality: holotype Madagascar: Prov. Fianarantsoa, P.N. Andringitra, 2100 m., 22°10.84'S, 46°54.04'E, native grass, BLF 13814, 0070366-RES (*Fisher et al.*); paratypes: 7 workers with same data, 1 intercaste with same data but BLF 13816, 0070363-RES, 5 workers, 2 intercastes, 1 male with same data but BLF 13817, 0068743-RES, 7 workers with same data but BLF 13818, 0068745-RES, 1 worker with same data but BLF 13820, 0070365-RES, 8 workers, 3 males with same data but BLF 13821, 0070364-RES. .

Type-depository: CASC (holotype); BMNH, CASC (paratypes).

Distribution: Madagascar.

**\*deletus.** *\*Technomyrmex deletus* Emery, 1891a: 153, pl. 3, figs. 26-28 (w.) SICILIAN AMBER (Italy: Sicily, Oligocene).

Type-material: holotype worker.

Type-locality: Italy: Sicily (*Bombicci?*).

Type-depository: MMUB.

**Status as species:** Dalla Torre, 1893: 167; Handlirsch, 1907: 871; Keilbach, 1982: 278; Shattuck, 1994: 160; Bolton, 1995b: 402; Bolton, 2007a: 122.

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

*detorquens.* *Formica detorquens* Walker, 1859: 372 (q.) SRI LANKA.

Type-material: 2 syntype queens (one now lost).

Type-locality: Sri Lanka ("Ceylon"): (no further data).

Type-depository: BMNH.

[Misspelled as *detorquans* by Donisthorpe, 1943d: 457, Donisthorpe, 1948b: 310, Chapman & Capco, 1951: 195.]

Combination in *Technomyrmex*: Donisthorpe, 1932b: 575.

Status as species; Mayr, 1863: 414; Dalla Torre, 1893: 194; Donisthorpe, 1932b: 575; Donisthorpe, 1941h: 60; Donisthorpe, 1943d: 457; Donisthorpe, 1946e: 32; Donisthorpe, 1948b: 310; Donisthorpe, 1948d: 602; Chapman & Capco, 1951: 195; Baltazar, 1966: 263; Shattuck, 1994: 160; Bolton, 1995b: 402.

Senior synonym of *albipes*: Donisthorpe, 1932b: 575, 576; Donisthorpe, 1932c: 465; Donisthorpe, 1941h: 60; Donisthorpe, 1948d: 602; Chapman & Capco, 1951: 195; Baltazar, 1966: 263.

Junior synonym of *albipes*: Imai, *et al.* 2003: 84.

*Nomen dubium*: Wilson & Taylor, 1967: 84.

*Nomen oblitum*, synonym of *albipes*: Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**difficilis.** *Technomyrmex mayri* r. *difficilis* Forel, 1892: 242 (w.q.) MADAGASCAR.

Type-material: syntype workers (number not stated), 1 syntype queen.

Type-locality: Madagascar: Prov. Bezanozano, ville de Nosibé, village d'Imerina (*Sikora*).

Type-depository: MHNG.

**Subspecies of mayri:** Dalla Torre, 1893: 167 (footnote); Forel, 1909b: 55; Emery, 1913a: 44; Wheeler, W.M. 1922a: 1035; Santschi, 1930a: 72; Shattuck, 1994: 165; Bolton, 1995b: 402; Dorow, 1996a: 83.

**Status as species:** Bolton, 2007a: 47 (redescription); Fernández & Guerrero, 2008: 111; Pfeiffer, *et al.* 2011: 34; Wetterer, 2013b: 93; Jaitrong, Guénard, *et al.* 2016: 24; Deyrup, 2017: 178; Yamane, Leong & Lin, 2018: 47; Sharaf, Al Dhafer, *et al.* 2018: 46.

**Senior synonym of nitidulans:** Bolton, 2007a: 47; Sharaf, Al Dhafer, *et al.* 2018: 46.

Distribution [tramp species]:

Afrotropical: South Africa.

Austral: Australia (Northern Territory, Queensland).

Malagasy: Madagascar, Mauritius, Réunion I., Seychelles Is.

Malesia: Hawaii Is, Indonesia (Flores, Krakatau Is), Malaysia (Peninsula, Sabah), Marianas Is, Micronesia, Papua New Guinea, Philippines (Bayagnan, Bukidnon, Luzon), Singapore, Timor Leste.

Oriental: Laos, Taiwan, Thailand, Vietnam.

Nearctic: U.S.A. (Florida, Georgia, Louisiana, Missouri, North Carolina, Oklahoma, South Carolina, Washington (hothouses), Washington D.C.).

Neotropical: Antigua & Barbuda (Antigua), Bahamas, Cayman Is (Grand Cayman), Honduras, Jamaica, Puerto Rico, St Kitts & Nevis (Nevis), Virgin Is (St Croix, St Thomas).

Palearctic: Saudi Arabia.

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

Type-material: holotype worker, 9 paratype workers.

Type-locality: holotype Madagascar: Prov. Antsiranana, Ampasindava, Ambilanivy, 3.9 km. 181° S Ambaliha, 600 m., 13°48'S, 48°10'E, 4-9.iii.2001, ex dead twig above ground, rainforest, CASENT 0439766-3290 (*B.L. Fisher et al.*); paratypes: with same data but CASENT numbers 0439761-3273, 0439762-3273, 0439764-3290, 0439767-3290, 0439768-3290.

Type-depository: CASC.

Distribution: Madagascar.

**dubius.** *Technomyrmex dubius* Bolton, 2007a: 78 (w.) INDONESIA (Sulawesi), BORNEO (East Malaysia: Sabah), NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Indonesia: Sulawesi Utara, Dumoga-Bone N.P., ii.1985 (*N. Stork*); paratypes with same data.

Type-depository: BMNH.

Distribution: Indonesia (Sulawesi), Malaysia (Sabah), Papua New Guinea.

**elator.** *Technomyrmex modiglianii* r. *elator* Forel, 1902d: 293 (w.) INDIA (Assam).

Type-material: syntype workers (number not stated).

Type-locality: India: Assam, LXXIX/16 (*Long*).

Type-depository: MHNG.

Forel, 1908a: 3 (m.).

**Subspecies of modiglianii:** Forel, 1903a: 713; Forel, 1905c: 23; Forel, 1908a: 3; Forel, 1909e: 395; Emery, 1913a: 44; Forel, 1913k: 97; Viehmeyer, 1916a: 143; Wheeler, W.M. 1921c: 541; Wheeler, W.M. 1930h: 74; Chapman & Capco, 1951: 196; Shattuck, 1994: 165; Tang, L., Li, *et al.* 1995: 94.

**Status as species:** Bingham, 1903: 302; Mukerjee, 1930: 155; Bolton, 1995b: 402; Bolton, 2007a: 79 (redescription); Pfeiffer, *et al.* 2011: 34; Guénard & Dunn, 2012: 26; Bharti, Guénard, *et al.* 2016: 20.

**Senior synonym of cordiformis:** Bolton, 2007a: 79.

Distribution: Brunei, China, India, Indonesia (Kalimantan), Italy (casual introduction), Malaysia (Peninsula, Sabah, Sarawak), Nepal, Philippines (Luzon), Singapore, Thailand, Vietnam.

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

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

Type-material: holotype worker, 18 paratype workers, 1 paratype worker-queen intercaste.

Type-locality: holotype Madagascar: Prov. Antsiranana, Nosy Be, Res. Lokobe, 6.3 km. 112° ESE Hellville, 30 m., 13°25'S, 48°20'E, 19-24.iii.2001, CASENT 0435387, BLF 3426(10), beating low vegetation, rainforest (*Fisher et al.*); paratypes: 8 workers, 1 worker-queen intercaste with same data but CASENT numbers 0435381, 0435383, 0435386, 0438388 (intercaste), 0435389, 0435390, 0435391; 10 workers with same data but BLF 3426(9) and CASENT numbers 0435392, 0435393, 0435394, 0435395.

Type-depositories: CASC (holotype); BMNH, CASC (paratypes).

Distribution: Madagascar.

**foreli.** *Technomyrmex albipes* subsp. *foreli* Emery, 1893f: 249 (in text) (w.) MADAGASCAR.

Type-material: syntype workers (number not stated), syntype queens (number not stated).

Type-localities: Madagascar: Tamatavé (*C. Keller*); Madagascar: Imerina (Antananarivo, Ambavahaditokana) (*Camboué*).

Type-depository: MHNG, probably also MSNG.

Forel, 1910e: 446 (q.m.).

**Subspecies of albipes:** Emery, 1895h: 43; Forel, 1907d: 92; Forel, 1910e: 446; Forel, 1912k: 164; Emery, 1913a: 43; Forel, 1913a: 140; Forel, 1913j: 223; Santschi, 1914b: 119; Santschi, 1914d: 377; Santschi, 1914e: 35; Arnold, 1915: 150; Wheeler, W.M. 1922a: 926, 1035; Prins, 1963: 104.

Status as species: Santschi, 1930a: 70; Shattuck, 1994: 160; Bolton, 1995b: 402; Dorow, 1996a: 83.

Junior synonym of *pallipes*: Bolton, 2007a: 56.

**formosensis.** *Technomyrmex formosensis* Yamane, Leong & Lin, 2018: 47, figs. 1A,C, 11, 12 (w.) TAIWAN.

Type-material: holotype worker, 12 paratype workers.

Type-locality: holotype Taiwan: Sun Moon Lake, 760 m., ca 23.8574°N, 120.9384°E, 5.vii.2017, TW17-SKY-39, nest in decayed wood, YLL01 (*Sk. Yamane*); paratypes with same data but YLL02-YLL13.

Type-depositories: NMNS (holotype); NMNS, SKYC, TFRI (paratypes).

Distribution: Taiwan.

**forax.** *Technomyrmex forax* Bolton, 2007a: 80, fig. 45 (w.) BORNEO (East Malaysia: Sabah).

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Malaysia: Sabah, Crocker Range, 17.v.1987, 1350 m., 28d (*Burckhardt & Löbl*); paratype with same data.

Type-depository: BMNH.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sabah).

**forticulus.** *Crematogaster forticulus* Walker, 1859: 375 (w.) SRI LANKA.

Type-material: holotype queen.

[Note: holotype is a queen, not a worker as given in original description (Donisthorpe: 1932b: 576).]

Type-locality: Sri Lanka ("Ceylon"): (no further data).

Type-depository: BMNH.

Combination in *Technomyrmex*: Donisthorpe, 1932b: 576.

Unidentifiable taxon: Forel, 1903a: 682.

Status as species: Mayr, 1863: 404; Motschoulsky, 1863: 20; Smith, F. 1871a: 330; Dalla Torre, 1893: 81; Emery, 1922e: 158; Chapman & Capco, 1951: 96.

Junior synonym of *detorquens*: Donisthorpe, 1932b: 575, 576; Donisthorpe, 1932c: 465; Shattuck, 1994: 160.

*Nomen oblitum*, synonym of *albipes*: Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**fulvus.** *Tapinoma fulvum* Wheeler, W.M. 1934g: 184 (w.) PANAMA (Barro Colorado I.).

Type-material: syntype workers (number not stated, "numerous specimens").

Type-locality: Panama: Barro Colorado I.C.Z., No. 525, 21.vi.1924 (*W.M. Wheeler*).

Type-depositories: LACM, MCZC.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species:** Kempf, 1972a: 247; Shattuck, 1994: 161; Bolton, 1995b: 402; Bolton, 2007a: 119 (redescription); Fernández & Guerrero, 2008: 111; Guerrero, 2019: 718.

**Senior synonym of *sublucidum*:** Bolton, 2007a: 120; Fernández & Guerrero, 2008: 111.

Distribution: Colombia, Costa Rica, Panama.

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

Type-material: holotype worker, 1 paratype worker-queen intercaste.

Type-locality: holotype Australia: N. Queensland, 3.2 km. E of Lake Barrine, 1.vii.1971, rainfor., c. 700m., strays ex trunks and low foliage rainforest, R.W. Taylor accession 71.850 (*R.W. Taylor & J. Feehan*); paratype with same data.

Type-depository: ANIC.

Distribution: Australia (Queensland).

**fusciventris.** *Technomyrmex madecassus* var. *fusciventris* Forel, 1907g: 86 (w.) COMORO IS.

Type-material: holotype worker.

Type-locality: Comoro Is: Moheli, ix.1903 (*Voeltzkow*).

Type-depository: MHNG.

Subspecies of *madecassus*: Emery, 1913a: 44; Wheeler, W.M. 1922a: 1035; Shattuck, 1994: 164; Bolton, 1995b: 402.

Junior synonym of *madecassus*: Bolton, 2007a: 53.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Malaysia: Sarawak, 4<sup>th</sup> Division, Gn. Mulu N.P., 1310 m., v-viii.1978, B.M. 1978-49 (*P.M. Hammond & J.E. Marshall*); paratypes with same data.

Type-depository: BMNH.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sarawak).

***gibbosus*.** *Technomyrmex gibbosus* Wheeler, W.M. 1906c: 319, pl. 41, fig. 4 (w.) JAPAN.

Type-material: 16 syntype workers.

Type-locality: Japan: Yamanaka (Suruga), 1100 ft, 22.iii.1905, no. 2951 (*H. Sauter*).

Type-depository: MCZC.

Wheeler, G.C. & Wheeler, J. 1951: 205 (l.).

**Status as species:** Yano, 1910: 421; Forel, 1912l: 339; Emery, 1913a: 44; Teranishi, 1940: 19; Santschi, 1941: 277; Azuma, 1951: 88; Chapman & Capco, 1951: 195; Azuma, 1953: 4; Azuma, 1977: 116; Onoyama, 1980: 199; Morisita, *et al.* 1991: 9; Shattuck, 1994: 161; Bolton, 1995b: 402; Kim & Kim, 1999: 19; Imai, *et al.* 2003: 84; Radchenko, 2005b: 157; Bolton, 2007a: 81 (redescription).

Distribution: Japan, North Korea, South Korea.

***gilvus*.** *Technomyrmex gilvus* Donisthorpe, 1941j: 205 (w.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 13 paratype workers.

Type-locality: holotype Papua New Guinea ("Papua"): Kokoda, iv.1933, 1200 ft (*L.E. Cheesman*); paratypes with same data.

Type-depository: BMNH.

**Status as species:** Chapman & Capco, 1951: 195; Shattuck, 1994: 161; Bolton, 1995b: 402; Bolton, 2007a: 82 (redescription).

Distribution: Papua New Guinea.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Colombia: Cauca, Gorgona Island National Park, 02°58'N, 78°11'W, 180 m., 01.iii.-04.iv.2000 (*M. Sharkey*); paratypes with same data.

Type-depositories: IAVH (holotype); ICNB, CASC (paratypes).

**Status as species:** Guerrero, 2019: 718.

Distribution: Colombia.

***gowdeyi*.** *Engramma gowdeyi* Wheeler, W.M. 1922a: 207, fig. 53 (w.) UGANDA.

Type-material: syntype workers (number not stated, "numerous specimens").

Type-locality: Uganda: Kampala (*C.C. Gowdey*).

Type-depositories: BMNH, LACM, MCZC, SAMC.

Combination in *Technomyrmex*: Shattuck, 1992c: 160.

Status as species: Shattuck, 1994: 162; Bolton, 1995b: 402.

Junior synonym of *ilgi*: Bolton, 2007a: 23.

***grandis*.** *Technomyrmex grandis* Emery, 1887a: 248 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated).

Type-locality: Indonesia: Sumatra, Kaju-Tanam, viii-ix.1878 (*O. Beccari*).

Type-depository: MSNG.

**Status as species:** Dalla Torre, 1893: 167; Emery, 1900d: 697; Forel, 1911d: 388; Emery, 1913a: 44; Crawley, 1924: 403; Chapman & Capco, 1951: 195; Shattuck, 1994: 162; Bolton, 1995b: 402; Bolton, 2007a: 83 (redescription); Pfeiffer, *et al.* 2011: 34.

**Senior synonym of *bandarensis*:** Bolton, 2007a: 83.

Distribution: Indonesia (Kalimantan, Sulawesi, Sumatra), Malaysia (Peninsula); Philippines (Bohol, Leyte, Mindanao, Negros).

***griseopubens*.** *Engramma griseopubens* Wheeler, W.M. 1922a: 206, fig. 52 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype worker.

Type-locality: Democratic Republic of Congo ("Belgian Congo"): Lukolela to Basoko, on fire wood (*H.O. Lang*).

Type-depository: AMNH.

Combination in *Technomyrmex*: Shattuck, 1992c: 160.

Status as species: Shattuck, 1994: 162; Bolton, 1995b: 402.

Junior synonym of *lujae*: Bolton, 2007a: 26.

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

Type-material: holotype worker, 13 paratype workers, 1 paratype queen.

Type-locality: holotype Indonesia: Sulawesi Utara, Dumoga-Bone N.P., Fog 5, 400 m., 11.ii.1985, BMNH Plot C (*N. Stork*); paratypes with same data.

Type-depository: BMNH.

Distribution: Indonesia (Sulawesi).

**\*hispaniolae.** *Iridomyrmex hispaniolae* Wilson, 1985c: 32, fig. 10 (w.) DOMINICAN AMBER (Dominican Republic, Miocene).

Type-material: holotype worker, 46 paratype workers.

Type-locality: holotype Dominican Republic: Las Bocas del Licey amber; paratypes: (in 32 amber pieces) Dominican Republic: Carlos Diaz, El Valle, La Toca, Llaroa, Los Cacaos, Palo Quemado, and Bayaguana.

Type-depository: MCZM.

Combination in *Linepithema*: Shattuck, 1992a: 16;

combination in *Technomyrmex*: Brandão, Baroni Urbani, *et al.* 1999: 414;

*incertae sedis* in *Technomyrmex*: Bolton, 2007a: 123; Fernández & Guerrero, 2008: 114.

**Status as species:** Brandão, 1991: 348; Shattuck, 1994: 122; Bolton, 1995b: 247; Brandão, Baroni Urbani, *et al.* 1999: 414 (redescription); Bolton, 2007a: 123; Heterick & Shattuck, 2011: 171.

**horni.** *Technomyrmex horni* Forel, 1912a: 71 (w.q.) TAIWAN.

Type-material: syntype workers, syntype queen.

Type-locality: Taiwan ("Formosa"): Pilam (*H. Sauter*).

Type-depository: MHNG.

Yamane, Leong & Lin, 2018: 51 (q.).

**Status as species:** Wheeler, W.M. 1928c: 31; Wheeler, W.M. 1929g: 62; Wheeler, W.M. 1930h: 73; Teranishi, 1940: 59; Chapman & Capco, 1951: 195; Shattuck, 1994: 162; Bolton, 1995b: 402; Wu, J. & Wang, 1995: 118; Lin & Wu, 2003: 60; Bolton, 2007a: 84 (redescription); Terayama, 2009: 199; Pfeiffer, *et al.* 2011: 34; Guénard & Dunn, 2012: 26; Bharti, Guénard, *et al.* 2016: 20; Yamane, Leong & Lin, 2018: 51 (redescription).

Distribution: Brunei, China, India, Indonesia (Krakatau Is), Malaysia (Peninsula, Sabah), Singapore, Sri Lanka, Taiwan, Thailand.

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Malaysia: Sabah, Kinabalu, 28.iv.1987, 1540 m. (*Löbl & Burckhardt*); paratype with same data.

Type-depository: BMNH.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sabah).

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Tanzania ("Tanganyika"): Amani, xii.1951, B.M. 1952-73 (*N.L.H. Krauss*); paratype with same data.

Type-depository: BMNH.

Distribution: Tanzania.

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

**ilgi.** *Engramma ilgi* Forel, 1910c: 264 (w.m.) ETHIOPIA.

Type-material: syntype workers (number not stated), syntype males (number not stated).

Type-locality: Ethiopia ("West Abessinien"): (no further data) (*Ilg*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 160.

**Status as species:** Emery, 1913a: 38; Forel, 1916: 431; Wheeler, W.M. 1922a: 202 (in key), 922; Shattuck, 1994: 162; Bolton, 1995b: 402; Bolton, 2007a: 22 (redescription); Hita Garcia, *et al.* 2013: 202.

**Senior synonym of *gowdeyi*:** Bolton, 2007a: 23.

**Senior synonym of *stygium*:** Bolton, 2007a: 23.

Distribution: Ethiopia, Kenya, South Africa, Tanzania, Uganda, Zimbabwe.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Malaysia: Sabah, Mt Kinabalu, Liwagu Trail, 1500 m., 21.v.1987, no. 43a (Löbl & Burckhardt); paratypes with same data.

Type-depository: BMNH.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sabah).

***incisus*.** *Engramma incisum* Mukerjee, 1930: 155, fig. 3a,b (w.) (no state data, India?, Iran?; place name “Seistan” is traditionally in Iran).

Type-material: syntype workers (number not stated).

Type-locality: India?/Iran?: Consulate Garden, Nasartabad, Seistan, xi-xii.1918 (*N. Annandale & S.W. Kemp*).

Type-depository: stated as NZSI but no material known to exist.

[Note: *T. incisus* does not appear in either Bharti, Guénard, *et al.* 2016: 20 (India checklist), or Paknia, *et al.* 2008: 155 (Iran checklist).]

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Status as species: Shattuck, 1994: 163; Bolton, 1995b: 402.

Unidentifiable taxon; *incertae sedis* in *Technomyrmex*: Bolton, 2007a: 121.

***incisus*.** *Technomyrmex incisus* Weber, 1943c: 380, pl. 16, fig. 37 (w.) SOUTH SUDAN.

Type-material: holotype worker-queen intercaste (not worker as stated in original description (Bolton, 2007a: 28)).

Type-locality: South Sudan (“Anglo-Egyptian Sudan”): Imatong Mts, Lotti Forest, 5.viii, No. 1445a (*N.A. Weber*).

Type-depository: MCZC.

[Junior secondary homonym of *Engramma incisum* Mukerjee, 1930: 155.]

Status as species: Shattuck, 1994: 163.

**Replacement name:** *Technomyrmex nequitus* Bolton, 1995b: 402.

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

Type-material: holotype worker, 1 paratype worker, 1 paratype worker-queen intercaste.

Type-locality: holotype India: Karnataka, Makut Forest Reserve, 13-18 km. S Virajpet, 12°12'N, 75°46'E, 28.iii.1997, in internode of *Humboldtia brunonis* (*K.V. Krombein*); paratypes with same data.

Type-depository: BMNH.

**Status as species:** Bharti, Guénard, *et al.* 2016: 20.

Distribution: India.

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

Type-material: holotype worker, 5 paratype workers, 1 paratype worker-queen intercaste.

Type-locality: holotype Madagascar: Prov. Mahajanga, P.N. Namoroka, 17.8 km. 392° WNW Vilanandro, 16°22.6'S, 45°16.6'E, 8-12.xi.2002, CASENT 0485542, BLF 6510(11), beating low vegetation, tropical dry forest (*Fisher et al.*); paratypes: 3 workers with same data but CASENT 0022497, BLF 6506(17), sifted litter; CASENT 0022500, BLF 6505(19); CASENT 0485538, BLF 6510(9); 2 workers, 1 intercaste, same locality but 9.8 km. 300° WNW Vilanandro, 140 m., 16°28.0'S, 45°28.0'E, 4-8.xi.2002, CASENT 0474760 and 0474761, BLF 6448(13) (*Fisher et al.*).

Type-depository: CASC.

Distribution: Madagascar.

***javanum*.** *Tapinoma setiferum* var. *javanum* Forel, 1905c: 22 (w.q.m.) INDONESIA (Java).

Type-material: syntype workers (number not stated), 1 syntype queen, 1 syntype male.

Type-locality: Indonesia: Java, Buitenzorg, leg.24.ii-12.iii.1904, (ded. 8.vi.1904) (*K. Kraepelin*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *setiferum*: Emery, 1913a: 42; Karavaiev, 1926d: 440; Karavaiev, 1930a: 213; Chapman & Capco, 1951: 194; Shattuck, 1994: 167; Bolton, 1995b: 402.

Junior synonym of *pratensis*: Bolton, 2007a: 95.

- javanus*. *Technomyrmex modiglianii* r. *javanus* Forel, 1905c: 23 (w.) INDONESIA (Java).  
 Type-material: lectotype worker (designated by Bolton, 2007a: 92).  
 Type-locality: lectotype Indonesia: Java, Tjibodas, leg. 25-28.iii.1904 (ded. 8.vi.1904) (*K. Kraepelin*).  
 Type-depository: MHNG.  
 [Unresolved junior secondary homonym of *Tapinoma setiferum javanum* Forel, 1905c: 22 (Bolton, 1995b: 402).]  
 Subspecies of *modiglianii*: Emery, 1913a: 44; Chapman & Capco, 1951: 196; Shattuck, 1994: 165; Bolton, 1995b: 402.  
 Junior synonym of *modiglianii*: Bolton, 2007a: 92.
- jocosus**. *Technomyrmex jocosus* Forel, 1910b: 56 (w.) AUSTRALIA (Victoria).  
 Type-material: syntype workers (number not stated).  
 Type-locality: Australia: Victoria, Yarra District (*Froggatt*).  
 Type-depository: MHNG.  
**Status as species**: Emery, 1913a: 44; Forel, 1915b: 85; Clark, 1929: 123; Taylor & Brown, 1985: 107; Taylor, 1987a: 77; Shattuck, 1994: 163; Bolton, 1995b: 402; Bolton, 2007a: 114 (redescription); Heterick, 2009: 59.  
 Distribution: Australia: (Australian Capital Territory, New South Wales, Queensland, South Australia, Tasmania, Victoria, Western Australia), Lord Howe I., New Zealand, Norfolk I., Philip I.
- kohli*. *Engramma kohli* Forel, 1916: 429 (w.q.) DEMOCRATIC REPUBLIC OF CONGO.  
 Type-material: syntype workers (number not stated); syntype queens (number not stated).  
 Type-locality: Democratic Republic of Congo ("Congo"): St Gabriel (*Kohl*).  
 Type-depository: MHNG.  
 Combination in *Technomyrmex*: Shattuck, 1992c: 161.  
 Status as species: Wheeler, W.M. 1922a: 202 (in key), 922; Shattuck, 1994: 163; Bolton, 1995b: 402.  
 Junior synonym of *laurenti*: Bolton, 2007a: 25.
- kraepelini**. *Technomyrmex kraepelini* Forel, 1905c: 23 (w.) INDONESIA (Java).  
 Type-material: syntype workers (number not stated).  
 Type-locality: Indonesia: Java, Tjompea, leg. 11.iii.1904, ded. 8.iv.1904 (*K. Kraepelin*).  
 Type-depository: MHNG.  
**Status as species**: Emery, 1913a: 44; Chapman & Capco, 1951: 195; Shattuck, 1994: 163; Bolton, 1995b: 402; Jaitrong & Nabhitabhata, 2005: 42; Bolton, 2007a: 88 (redescription); Clouse, 2007b: 210; Pfeiffer, *et al.* 2011: 34; Jaitrong, Guénard, *et al.* 2016: 24.  
 Distribution: Brunei, Indonesia (Java, Sulawesi), Laos, Malaysia (Peninsula, Sabah, Sarawak), Micronesia, Palau Is, Singapore, Thailand.
- lasiops**. *Technomyrmex lasiops* Bolton, 2007a: 24, figs. 7, 30 (w.q.m.) CAMEROON, GABON, DEMOCRATIC REPUBLIC OF CONGO.  
 Type-material: holotype worker, 1 paratype worker.  
 Type-locality: holotype Cameroon: Ottotomo, 2.iv.1989 (*A. Dejean*); paratype with same data.  
 Type-depository: BMNH.  
 Distribution: Cameroun, Democratic Republic of Congo, Gabon.
- laurenti**. *Tapinoma laurenti* Emery, 1899e: 487 (w.q.) DEMOCRATIC REPUBLIC OF CONGO, CAMEROON.  
 Type-material: Democratic Republic of Congo, 1 syntype worker, 2 syntype queens; Cameroon, 1 syntype worker.  
 Type-localities: Democratic Republic of Congo ("Congo"): (no further data) (*Laurent*), Cameroon: (no further data) (*Conradt*).  
 Type-depository: MSNG.  
 Combination in *Engramma*: Emery, 1913a: 38;  
 combination in *Technomyrmex*: Shattuck, 1992c: 161.  
**Status as species**: Emery, 1913a: 38; Wheeler, W.M. 1922a: 202 (in key), 922; Shattuck, 1994: 163; Bolton, 1995b: 402; Bolton, 2007a: 25 (redescription).  
**Senior synonym of congolensis** Forel: Bolton, 2007a: 25.  
**Senior synonym of kohli**: Bolton, 2007a: 25.

Distribution: Cameroon, Democratic Republic of Congo, Gabon.

***lisae***. *Technomyrmex lisae* Forel, 1913k: 94, fig. B (w.q.) WEST MALAYSIA, INDONESIA (Sumatra).

Type-material: syntype workers (number not stated), 2 syntype queens.

Type-localities: workers Malaysia: Malacca, Taiping, Maxwell's Hill (*H.v. Buttel-Reepen*); workers, queen Malaysia: Perak, Tiefland, ii.1912 (no collector's name but presumably *H.v. Buttel-Reepen*); queen Indonesia: Sumatra, Bandar Baroe (*H.v. Buttel-Reepen*).

Type-depository: MHNG.

[Misspelled as *lisea* by Chapman & Capco, 1951: 195.]

**Status as species**: Chapman & Capco, 1951: 195; Shattuck, 1994: 164; Bolton, 1995b: 402; Bolton, 2007a: 89 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Brunei, Indonesia (Kalimantan, Sumatra), Malaysia (Peninsula, Sabah, Sarawak),

***longiscapus***. *Technomyrmex longiscapus* Weber, 1943c: 381, pl. 16, fig. 41 (w.) SOUTH SUDAN.

Type-material: holotype worker.

Type-locality: South Sudan ("Anglo-Egyptian Sudan"): Imatong Mts, Lotti Forest, 5.viii, No. 1446 (*N.A. Weber*).

Type-depository: MCZC.

Status as species: Shattuck, 1994: 164; Bolton, 1995b: 402.

Junior synonym of *moerens*: Bolton, 2007a: 28.

***lujae***. *Engramma lujae* Forel, 1905b: 181 (w.m.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated), syntype males (number not stated).

Type-locality: Democratic Republic of Congo ("Congo inférieure belge"): Kasai, Kondue (*E. Luja*).

Type-depository: MHNG.

Wheeler, G.C. & Wheeler, J. 1951: 194 (l.).

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species**: Forel, 1911f: 279; Emery, 1913a: 38; Wheeler, W.M. 1922a: 202 (in key), 923; Shattuck, 1994: 164; Bolton, 1995b: 402; Bolton, 2007a: 26 (redescription).

**Senior synonym of *griseopubens***: Bolton, 2007a: 26.

**Senior synonym of *pulliceps***: Bolton, 2007a: 26.

**Senior synonym of *wasmanni***: Bolton, 2007a: 26.

Distribution: Cameroon, Democratic Republic of Congo, Gabon.

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

***madecassus***. *Technomyrmex madecassus* Forel, 1897c: 199 (w.) MADAGASCAR.

Type-material: holotype worker.

Type-locality: Madagascar: Nossi-Bé (*Voeltzkow*).

Type-depository: NHMG.

**Status as species**: Emery, 1913a: 44; Wheeler, W.M. 1922a: 1035; Shattuck, 1994: 164; Bolton, 1995b: 402; Bolton, 2007a: 53 (redescription).

**Senior synonym of *fusciventris***: Bolton, 2007a: 53.

Distribution: Comoro Is, Madagascar.

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Malaysia: Neg. Sembilan, Pasoh Forest Reserve, xi.1994, fog sample (*Brendell, Jackson & Lewis*); paratype with same data.

Type-depository: BMNH.

**Status as species**: Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Peninsula, Sabah).

***mayri***. *Technomyrmex mayri* Forel, 1891b: 99, pl. 3, fig. 6a-d (w.m.) MADAGASCAR.

Type-material: 1 syntype worker, 1 syntype male.

Type-locality: Madagascar, 30 mi. NW of Tamatave, 25.ix.1889 (*O'Swald*).

Type-depository: ZMUH.

**Status as species**: Dalla Torre, 1893: 167; André, 1895a: 2; Emery, 1895f: 336; Emery, 1913a: 44; Wheeler, W.M. 1922a: 1035; Shattuck, 1994: 165; Bolton, 1995b: 402; Dorow, 1996a: 83; Bolton, 2007a: 55 (redescription).

Distribution: Madagascar.

**menozzii.** *Tapinoma menozzii* Donisthorpe, 1936e: 526 (w.) ZIMBABWE.

Type-material: 8 syntype workers.

Type-locality: Zimbabwe (“Rhodesia”): Chirinda Forest, xii.1935 (*G. Arnold*).

Type-depository: BMNH.

Combination in *Technomyrmex*: Bolton, 2007a: 27.

**Status as species:** Shattuck, 1994: 149; Bolton, 1995b: 401; Bolton, 2007a: 27 (redescription).

Distribution: Zimbabwe.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Central African Republic: P.N. Dzanga-Ndoki, 37.9 km. 169°S Lidjombo, 2°22’N, 16°10’E, 360 m., 21.v.2001, #4130, sifted litter (leaf mold, rotten wood) rainforest, CASENT 0424010 (*B.L. Fisher*); paratypes: with same data but CASENT 0420688 (head crushed), CASENT 0425775.

Type-depository: CASC.

Distribution: Central African Republic, Democratic Republic of Congo.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Papua New Guinea: 15 km. NW Mendi, 6.03S, 143.33E, 2200 m., 29.vii.1980, ground foragers montane rainforest edge, roadside, #4632 (*P.S. Ward*); paratypes with same data.

Type-depositories: ANIC (holotype), UCDC (paratypes).

Distribution: Papua New Guinea.

**modiglianii.** *Technomyrmex modiglianii* Emery, 1900d: 696, fig. 12 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated).

Type-localities: Indonesia: Sumatra, D. Tolong and Balighe (*E. Modigliani*).

Type-depository: MSNG.

**Status as species:** Emery, 1913a: 44; Forel, 1913k: 97; Chapman & Capco, 1951: 196; Shattuck, 1994: 165; Bolton, 1995b: 402; Jaitrong & Nabhitabhata, 2005: 42; Bolton, 2007a: 92 (redescription); Pfeiffer, *et al.* 2011: 34; Jaitrong, Guénard, *et al.* 2016: 24.

**Senior synonym of *javanus*:** Bolton, 2007a: 92.

Distribution: Indonesia (Java, Sumatra, Sulawesi), Laos, Malaysia (Peninsula, Sarawak), Thailand.

**moerens.** *Technomyrmex moerens* Santschi, 1913c: 312, fig. 4 (w.) CONGO.

Type-material: syntype workers (number not stated).

Type-locality: Congo (“Congo français”): Mt Boma (on data label), M’Boumou (in description), 1907 (*A. Weiss*).

Type-depository: NHMB.

**Status as species:** Santschi, 1914d: 377; Wheeler, W.M. 1922a: 927; Menozzi, 1927f: 359; Santschi, 1930a: 69; Weber, 1943c: 329; Shattuck, 1994: 165; Bolton, 1995b: 402; Bolton, 2007a: 28 (redescription); Hita Garcia, *et al.* 2013: 203.

**Senior synonym of *congolensis*** Karavaiev: Santschi, 1930a: 69; Shattuck, 1994: 165; Bolton, 1995b: 402; Bolton, 2007a: 28.

**Senior synonym of *incisus*:** Bolton, 2007a: 28.

**Senior synonym of *longiscapus*:** Bolton, 2007a: 28.

**Senior synonym of *nequitus*:** Bolton, 2007a: 28.

**Senior synonym of *nigricans*:** Bolton, 2007a: 28.

Distribution: Cameroon, Central African Republic, Congo, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Kenya, Nigeria, South Sudan, Tanzania, Uganda.

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

Type-material: holotype worker, 8 paratype workers.

Type-locality: holotype Oman: Bani Sur, 7.iii.1984 (*W. Büttiker*); paratypes with same data.

Type-depository: WMLC (holotype); BMNH, WMLC (paratypes).

**Status as species:** Borowiec, L. 2014: 170; Sharaf, Al Dhafer, *et al.* 2018: 48 (redescription).

Distribution: Oman, Saudi Arabia, Yemen.

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Malaysia: Negeri Sembilan, Pasoh For. Res., xi.1994 (*Lewis & Jackson*); paratype with same data.

Type-depository: BMNH.

Distribution: Malaysia (Peninsula).

**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 (Sumatra: Nias I.).

Type-material: syntype workers (number not stated).

Type-locality: Indonesia: Nias I., Hilisemaetano, 12.ix.1931 (*J.C. van der Meer Mohr*).

Type-depository: IEUB.

Status as species: Chapman & Capco, 1951: 196; Shattuck, 1994: 166; Bolton, 1995b: 402.

Junior synonym of *wheeleri*: Bolton, 2007a: 106.

**nigricans.** *Technomyrmex moerens* var. *nigricans* Santschi, 1930a: 69 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: 4 syntype workers.

Type-localities: Democratic Republic of Congo: Kunungu, 2.iv.1921 (*H. Schouteden*); Luebo, Kamaiembi, 19.ix.1921 (*H. Schouteden*); Ganda Sundi (*H. Schouteden*); Benza Mazola (*R. Mayné*).

Type-depository: NHMB.

Subspecies of *moerens*: Menozzi, 1942: 178; Eidmann, 1944: 459; Shattuck, 1994: 166; Bolton, 1995b: 402.

Junior synonym of *moerens*: Bolton, 2007a: 28.

**nigriventris.** *Technomyrmex nigriventris* Santschi, in Forel, 1910f: 22 (footnote) (w.) CONGO.

[*Technomyrmex nigriventris* Forel, 1909b: 54. *Nomen nudum* (attributed to Santschi).]

[*Technomyrmex nigriventris* Santschi, 1910c: 391. *Nomen nudum*.]

Type-material: syntype workers (number not stated).

Type-locality: Congo ("Congo français"): Brazzaville, ix.1907 (*A. Weiss*).

Type-depository: NHMB.

**Status as species:** Emery, 1913a: 44; Arnold, 1915: 149; Wheeler, W.M. 1922a: 210, 927; Santschi, 1930a: 69; Santschi, 1939c: 10; Bernard, 1953b: 255; Shattuck, 1994: 166; Bolton, 1995b: 402; Bolton, 2007a: 30 (redescription); Hita Garcia, *et al.* 2013: 203.

Distribution: Cameroon, Central African Republic, Congo, Gabon, Ghana, Kenya, Nigeria, Uganda.

**nigrum.** *Tapinoma nigrum* Mayr, 1862: 703 (w.) SRI LANKA, CHINA (Hong Kong).

Type-material: syntype workers (number not stated).

Type-locality: Sri Lanka ("Ceylon"): (no further data); China: Hong Kong.

Type-depository: NHMW.

Status as species: Roger, 1863b: 13; Mayr, 1863: 455; Mayr, 1865: 62 (redescription); Mayr, 1867a: 78 (redescription).

Junior synonym of *albipes*: Mayr, 1872: 147; Mayr, 1876: 83; Forel, 1891b: 98; Dalla Torre, 1893: 166; Forel, 1895e: 466; Emery, 1913a: 43; Wheeler, W.M. 1922a: 925; Shattuck, 1994: 157; Bolton, 1995b: 402; Zhou, 2001b: 158; Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

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

Type-material: holotype worker, 5 paratype workers, 2 paratype worker-queen intercastes.

Type-locality: holotype Australia: N. Queensland, Hugh Nelson Ra., 2.5 km. S. Crater N.P., 1100 m.,

5.xii.1988, pyrethrum logs trees (*Monteith & Thompson*); paratypes: 1 intercaste with same data, 5 workers, 1

intercaste Australia: NE Queensland, Mt Hemmant, 6 km. SW Cape Tribulation, 25.iv.1983, QM Berlesate No. 541, 16.07S, 145.25E, rainforest, 880 m., sieved litter (*G.B. Monteith & D. Cook*).

Type-depository: ANIC.

Distribution: Australia (Queensland).

*nitidulans*. *Technomyrmex mayri* st. *nitidulans* Santschi, 1930a: 72, figs. 31-33 (w.) MADAGASCAR.

Type-material: syntype workers (number not stated).

Type-locality: Madagascar: Nosy-Bé (*Descarpentries*).

Type-depository: NHMB.

Subspecies of *mayri*: Shattuck, 1994: 165; Bolton, 1995b: 402.

Junior synonym of *difficilis*: Bolton, 2007a: 47; Sharaf, Al Dhafer, *et al.* 2018: 46.

**obscurior**. *Technomyrmex schimmeri* var. *obscurior* Wheeler, W.M. 1928c: 31 (w.) CHINA (Yunnan).

Type-material: 3 syntype workers.

Type-locality: China: Yi Leang (Yunnan), 27.ii.1925 (*F. Silvestri*).

Type-depository: MCZC.

**Subspecies of *schimmeri***: Wheeler, W.M. 1930h: 74; Chapman & Capco, 1951: 196; Shattuck, 1994: 167; Bolton, 1995b: 403.

**Status as species**: Bolton, 2007a: 94 (redescription); Guénard & Dunn, 2012: 26.

Distribution: China (Hong Kong, Yunnan), Myanmar, Nepal, Thailand, Vietnam.

*okiavoensis*. *Engramma zimmeri* r. *okiavoensis* Forel, 1916: 431 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated).

Type-locality: Democratic Republic of Congo ("Congo"): Okiavo River, near St Gabriel (*Kohl*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *zimmeri*: Wheeler, W.M. 1922a: 923; Shattuck, 1994: 169; Bolton, 1995b: 403.

Junior synonym of *schoutedeni*: Bolton, 2007a: 35.

*pallidipes*, misspelling, see under *pallipes*.

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

Type-material: syntype workers (number not stated).

Type-locality: Mauritius: Rodrigues I. (*Gulliver*).

Type-depository: BMNH.

[Misspelled as *pallidipes* by Dalla Torre, 1893: 166.]

Combination in *Technomyrmex*: Bolton, 2007a: 56.

**Status as species**: Dalla Torre, 1893: 166; Emery, 1913a: 42; Shattuck, 1994: 151; Bolton, 1995b: 401; Bolton, 2007a: 56 (redescription); Wetterer, *et al.* 2007: 26; Hita Garcia, *et al.* 2013: 203.

**Senior synonym of *affinis***: Bolton, 2007a: 56.

**Senior synonym of *atrichosus***: Bolton, 2007a: 56.

**Senior synonym of *brevicornis***: Bolton, 2007a: 56.

**Senior synonym of *foreli***: Bolton, 2007a: 56.

**Senior synonym of *primroseae***: Bolton, 2007a: 56.

**Senior synonym of *truncicolus***: Bolton, 2007a: 56.

Distribution [tramp species]:

Afrotropical: Angola, Botswana, Cameroon, Central African Republic, Democratic Republic of Congo, Ethiopia, Gabon, Ghana, Kenya, Lesotho, Mozambique, Namibia, Somalia, South Africa, South Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe.

Malagasy: Farquhar Atoll, Madagascar, Mauritius, Réunion I., Rodrigues I.

Malesia: Hawaii Is.

Palaeartic: Cape Verde Is, Madeira, United Kingdom (hothouses).

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Gabon: Prov. Ogooue-Maritime, Res. Monts Doudou, 24.5 km. 303° WNW Doussala, 2°14.0'S, 10°23.9'E, 630 m., sifted litter (leaf mold, rotten wood), rainforest, #2276(26)46 (*B.L. Fisher*); paratype worker with same data but #2276(24)44.

Type-depository: CASC.

Distribution: Gabon.

**parviflavus.** *Technomyrmex parviflavus* Bolton, 2007a: 31, fig. 15 (w.q.) GHANA, IVORY COAST, CAMEROON, GABON, CENTRAL AFRICAN REPUBLIC, DEMOCRATIC REPUBLIC OF CONGO, NIGERIA, UGANDA.

Type-material: holotype worker, 7 paratype workers, 1 paratype queen.

Type-locality: holotype Ghana: Bunso, ii.1992, leaf litter (*R. Belshaw*); paratypes with same data.

Type-depositories: BMNH (holotype); BMNH, CASC (paratypes).

Distribution: Cameroon, Central African Republic, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Nigeria, Uganda.

**pilipes.** *Technomyrmex pilipes* Emery, 1899e: 490 (q.) CAMEROON.

Type-material: holotype queen.

Type-locality: Cameroon: (no further data), 1895 (*Conradt*).

Type-depository: MSNG.

**Status as species:** Forel, 1901h: 65; Emery, 1913a: 44; Wheeler, W.M. 1922a: 927; Shattuck, 1994: 166; Bolton, 1995b: 403; Bolton, 2007a: 32 (redescription).

Distribution: Cameroon.

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

Type-material: holotype worker, 10 paratype workers, 1 paratype queen.

Type-locality: holotype Indonesia: Sulawesi Utara, Dumoga-Bone N.P., Fog 25, 1200 m., 31.vii.1985, G. Ambang F.R., near Kotamobagu (*N. Stork*); paratypes with same data.

Type-depository: BMNH.

Distribution: Indonesia (Sulawesi).

**pratensis.** *Tapinoma pratensis* Smith, F. 1860b: 97 (w.) INDONESIA (Bacan I.).

Type-material: 4 syntype workers.

Type-locality: Indonesia: Bacan (= Batjan) I. ("Bac.20") (*A.R. Wallace*).

Type-depository: OXUM.

[Misspelled as *protensis* by Chapman & Capco, 1951: 193.]

Combination in *Iridomyrmex*: Donisthorpe, 1932c: 460;

combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species:** Roger, 1863b: 14; Mayr, 1863: 455; Smith, F. 1871a: 309; Dalla Torre, 1893: 166; Emery, 1913a: 42; Donisthorpe, 1932c: 460; Chapman & Capco, 1951: 193; Shattuck, 1994: 166; Bolton, 1995b: 403; Bolton, 2007a: 95 (redescription); Pfeiffer, *et al.* 2011: 34; Guénard & Dunn, 2012: 26; Liu, C., Guénard, *et al.* 2015: 66; Bharti, Guénard, *et al.* 2016: 20.

**Senior synonym of *javanum*:** Bolton, 2007a: 95.

**Senior synonym of *setiferum*:** Bolton, 2007a: 95.

Distribution: China (Guangxi), India, Indonesia (Bacan, Sumatra, Sulawesi), Malaysia (Peninsula, Sabah, Sarawak), Thailand, Vietnam.

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

Type-material: holotype worker .

Type-locality: Indonesia: Irian Jaya, PT. Freeport Concession, Siewa Camp, 03.04°S, 136.38°E, 200 ft, 18-30.iv.1998, Malaise trap, lowl.secondary rainforest (*R.R. Snelling*).

Type-depository: LACM.

Distribution: Indonesia (Irian Jaya).

**primroseae.** *Technomyrmex primroseae* Donisthorpe, 1949e: 273 (w.) MAURITIUS.

Type-material: holotype worker, 15 paratype workers.

Type-locality: holotype Mauritius: Le Pouce Mt, 2.xi.1948, no. 126, in dead tree stump (*R. Mamet*); paratypes with same data.

Type-depository: BMNH.

**Status as species:** Shattuck, 1994: 166; Bolton, 1995b: 403.

**Junior synonym of *pallipes*:** Bolton, 2007a: 57.

*protensis*, misspelling, see under *pratensis*.

*pulliceps*. *Engramma lujae* var. *pulliceps* Santschi, 1926b: 244 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: 2 syntype workers .

Type-locality: Democratic Republic of Congo ("Congo belge"): Makanga (*Kohl*).

Type-depository: NHMB.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *lujae*: Santschi, 1930a: 73; Shattuck, 1994: 164; Bolton, 1995b: 403.

Junior synonym of *lujae*: Bolton, 2007a: 26.

**quadricolor**. *Aphantolepis quadricolor* Wheeler, W.M. 1930d: 44, fig. 2 (w.) AUSTRALIA (Queensland).

Type-material: holotype worker.

[Note: only a few leg fragments of holotype remain on mount (Brown, 1953h: 5).]

Type-locality: Australia: Queensland, Cairns Distr. (*A.M. Lea*).

Type-depository: MCZC.

[Misspelled as *quadricola* by Donisthorpe, 1943f: 624.]

Combination in *Technomyrmex*: Brown, 1953h: 5.

**Status as species**: Taylor & Brown, 1985: 107; Taylor, 1987a: 77; Shattuck, 1994: 166; Bolton, 1995b: 403; Bolton, 2007a: 115 (redescription).

Distribution: Australia (Queensland).

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

Type-material: holotype worker.

Type-locality: India: (Tamil Nadu), Coimbatore, 25.ix.1977 (*J. Noyes*).

Type-depository: BMNH.

**Status as species**: Bharti, Guénard, *et al.* 2016: 20.

Distribution: India.

**reductus**. *Technomyrmex reductus* Bolton, 2007a: 98, fig. 56 (w.) BORNEO (East Malaysia: Sarawak; Brunei).

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Malaysia: Sarawak, 4<sup>th</sup> Division, Gn. Mulu N.P., v.1978, limestone forest (*M. Collins*); paratype with same data.

Type-depository: BMNH.

**Status as species**: Pfeiffer, *et al.* 2011: 34.

Distribution: Brunei, Malaysia (Sarawak).

*rhodesiae*. *Tapinoma voeltzkowi* var. *rhodesiae* Forel, 1913a: 139 (w.) ZIMBABWE.

Type-material: syntype workers.

Type-locality: Zimbabwe ("Rhodesia"): Bulawayo, 12.iv.1912 (*G. Arnold*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *voeltzkowi*: Arnold, 1915: 155; Wheeler, W.M. 1922a: 925; Prins, 1963: 104; Shattuck, 1994: 168; Bolton, 1995b: 403.

Junior synonym of *voeltzkowi*: Bolton, 2007a: 41.

**rotundiceps**. *Technomyrmex albipes* subsp. *rotundiceps* Karavaiev, 1926d: 443 (w.) INDONESIA (Java).

Type-material: syntype workers (number not stated).

Type-locality: Indonesia: Java, Tjampea (bei Buitenzorg), 2.i.1913, no. 2390 (*Karavaiev*).

Type-depository: UASK.

**Subspecies of albipes**: Chapman & Capco, 1951: 194; Shattuck, 1994: 158; Bolton, 1995b: 403.

**Status as species**: Bolton, 2007a: 99 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Indonesia (Java), Malaysia (Peninsula, Sarawak).

*rufescens*. *Technomyrmex albipes* st. *rufescens* Santschi, 1928c: 70, fig. 1 (w.) FIJI IS (Lau Is.).

Type-material: 2 syntype worker-queen intercastes.

[Note: syntypes are worker-queen intercastes, not workers as in original description (Bolton, 2007a: 104).]

Type-locality: Fiji Is: Lau, Aiwa, 9.i.24 and 31.viii.24 (*E.H. Bryan Jr*).

Type-depository: NHMB.

[*Technomyrmex albipes* st. *rufescens* Santschi, 1928a: 53. *Nomen nudum*.]

Subspecies of *albipes*: Wheeler, W.M. 1935g: 37.

Junior synonym of *albipes*: Wilson & Taylor, 1967: 82; Shattuck, 1994: 157; Bolton, 1995b: 403; Zhou, 2001b: 158.

Junior synonym of *vitiensis*: Bolton, 2007a: 104.

**rusticus**. *Technomyrmex rusticus* Santschi, 1930a: 72, figs. 43-45 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: 2 syntype worker-queen intercastes (not workers as stated in original description; only one specimen survives (Bolton, 2007a: 33)).

Type-locality: Democratic Republic of Congo ("Congo belge"): Kunungu (= Yunungu), 4.iv.1921 (*H. Schoutedeni*).

Type-depository: NHMB.

**Status as species**: Shattuck, 1994: 167; Bolton, 1995b: 403; Bolton, 2007a: 33 (redescription).

*scheneri*. *Technomyrmex andrei* var. *scheneri* Forel, 1911e: 283 (w.) LIBERIA.

Type-material: holotype worker.

Type-locality: Liberia: Kap Mount (*Scherer*).

Type-depository: MSNG (not in collection, presumed lost).

Subspecies of *andrei*: Emery, 1913a: 43; Wheeler, W.M. 1922a: 926; Shattuck, 1994: 159; Bolton, 1995b: 403.

Junior synonym of *andrei*: Bolton, 2007a: 19.

**schimmeri**. *Technomyrmex schimmeri* Viehmeyer, 1916a: 143, fig. 8 (w.q.) SINGAPORE.

Type-material: syntype workers (number not stated), 1 syntype queen.

Type-locality: Singapore: 13 : 134 (workers), 13 : 31 (queen) (*H. Overbeck*).

Type-depository: MNHU.

**Status as species**: Wheeler, W.M. 1928c: 31; Shattuck, 1994: 167; Bolton, 1995b: 403; Bolton, 2007a: 85, 100 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Singapore.

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

Type-material: holotype worker, 8 paratype workers.

Type-locality: holotype Gabon: Prov. Ogooue-Maritime, Res. Monts Doudou, 25.2 km. 304° NW Doussala, 2°13.6'S, 10°23.7'E, 640 m., 14-19.iii.2000, #2282, on low vegetation, rainforest (*B.L. Fisher*); paratypes: 2 workers with same data but 14.iii.2000, #2244(10)18 and #2246(5)3; 6 workers Gabon: Prov. Ogoové-Maritime, Réserve des Monts Doudou, 25.2 km. 304° NW Doussala, 2°13.63'S, 10°23.67'E, 660 m., 16.iii.2000, sweep, coastal lowland rainforest, undergrowth, low canopy in forest, #GAOO-S93-2, #GAOO-S105-2, #GAOO-S112-5, #GAOO-S124-2, #GAOO-S126-4, #GAOO-S134-4 (*S. van Noort*).

Type-depositories: CASC (holotype); BMNH, CASC (paratypes).

Distribution: Gabon.

**schoutedeni**. *Technomyrmex schoutedeni* Forel, 1910e: 447 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers, syntype queens, syntype males (numbers not stated).

Type-locality: Democratic Republic of Congo ("Congo belge"): Bena Dibulé (*E. Luja*).

Type-depositories: MSNG, NHMG, SAMC.

**Status as species**: Emery, 1913a: 44; Wheeler, W.M. 1922a: 927; Shattuck, 1994: 167; Bolton, 1995b: 403; Bolton, 2007a: 35 (redescription).

**Senior synonym of** *okiavoensis*: Bolton, 2007a: 35.

Distribution: Cameroon, Democratic Republic of Congo.

**semiruber**. *Technomyrmex semiruber* Emery, 1899e: 489 (w.) CAMEROON.

Type-material: syntype workers (number not stated).

Type-locality: Cameroon: (no further data), 1895 (*Conradt*).

Type-depository: MSNG.

**Status as species**: Wheeler, W.M. 1922a: 927; Shattuck, 1994: 167; Bolton, 1995b: 403; Bolton, 2007a: 35 (redescription).

Distribution: Cameroon.

- senex.** *Technomyrmex senex* Bolton, 2007a: 36, fig. 17 (w.) GABON, GHANA CAMEROON, CENTRAL AFRICAN REPUBLIC, DEMOCRATIC REPUBLIC OF CONGO.  
 Type-material: holotype worker.  
 Type-locality: Gabon: Makokou, x.1972 (*I. Lieberburg*).  
 Type-depository: BMNH.  
 Distribution: Cameroon, Central African Republic, Democratic Republic of Congo, Gabon, Ghana.
- \*septentrionalis.** *\*Technomyrmex septentrionalis* Zhang, J. 1989: 277, fig. 279 (m.) CHINA (Shandong, Miocene).  
 Type-material: holotype queen?.  
 Type-locality: China: Shanwang, Shandong.  
 Type-depository: not known.  
*Incertae sedis* in *Technomyrmex*: Bolton, 2007a: 123.
- setiferum.** *Tapinoma setiferum* Emery, 1900d: 695, fig. 11 (w.) INDONESIA (Sumatra).  
 Type-material: syntype workers (number not stated).  
 Type-localities: Indonesia: Sumatra, D. Tolong, xi.1890 (*E. Modigliani*), Pea Ragia, x.1890 (*E. Modigliani*), Balighe, x. 1890-iii. 1891 (*E. Modigliani*).  
 Type-depository: MSNG.  
 Combination in *Technomyrmex*: Wheeler, W.M. 1927h: 99.  
 Status as species: Emery, 1913a: 42; Karavaiev, 1926d: 440; Wheeler, W.M. 1927h: 99; Chapman & Capco, 1951: 194; Shattuck, 1994: 167; Bolton, 1995b: 403.  
 Junior synonym of *pratensis*: Bolton, 2007a: 95.
- setosus.** *Technomyrmex setosus* Collingwood, 1985: 243, fig. 12 (w.) SAUDI ARABIA.  
 Type-material: neotype worker (designated by Sharaf, Al Dhafer, *et al.* 2018: 50).  
 Type-locality: neotype Saudi Arabia: Abha, Alswdah, 18.274167°N, 42.364444°E, 2982 m., 24.iv.2011 (*M.R. Sharaf*).  
 Type-depository: KSMA.  
 [Original (1985) data: type-material: holotype worker, paratype workers (number not stated); type-locality: holotype, paratypes Saudi Arabia: Wadi Shugub, 7.iv.1983 (*C.A. Collingwood*); paratypes Bishah, 8.iv.1983 (*C.A. Collingwood*); type-depository: not known, types lost; not in NHMB, the stated depository, or WMLC, the depository of the Collingwood collection (Bolton, 2007a: 37).]  
**Status as species:** Shattuck, 1994: 167; Bolton, 1995b: 403; Collingwood & Agosti, 1996: 361; Bolton, 2007a: 37 (redescription); Sharaf, Collingwood & Aldawood, 2011: 16 (in key); Borowiec, L. 2014: 170; Sharaf, Al Dhafer, *et al.* 2018: 50 (redescription).  
 Distribution: Oman, Saudi Arabia, Yemen.
- shattucki.** *Technomyrmex shattucki* Bolton, 2007a: 116 (w.m.) AUSTRALIA (Queensland).  
 Type-material: holotype worker, 8 paratype workers, 1 paratype male.  
 Type-locality: holotype Australia: NE Queensland, Kirrama Ra., Mt Hosie, 800-930 m., 10.xii.1986 (*Monteith, Thompson & Hamlet*); paratypes: 2 workers N Queensland, Tully Falls Nat. Pk, c. 750 m., 2.vii.1971, strays ex trunks and low foliage rainforest, R.W. Taylor accession 71.877 (*R.W. Taylor & J. Feehan*); 2 workers N Queensland, Thornton Range, 150-180 m., 145.26 × 16.15, 23.iv.1971, R.W. Taylor accession 71.539 (*R.W. Taylor & J. Feehan*); 1 worker, 1 male N Queensland, Koombooloomba, c. 750 m., 4.vii.1971, strays ex trunks and low foliage rainforest, R.W. Taylor accession 71.976 (*R.W. Taylor & J. Feehan*); 3 workers Queensland, Yungaburra, 17.15S, 145.44E, Lake Barrine National Forest, 533/17, iii.1998, ANIC database No. 32 011711 (*A.D. Cutter*).  
 [Note: other specimens of these 5 series in ANIC are also paratypes (Bolton, 2007a: 117).]  
 Type-depository: ANIC.  
 Distribution: Australia (Queensland).
- smithi.** *Iridomyrmex smithi* Wheeler, W.M. 1909d: 341 (w.q.) PHILIPPINES (Romblon I.).  
 Type-material: 8 syntype workers, 1 syntype queen.  
 Type-locality: Philippines: Romblon I. (*H.M. Smith*).  
 Type-depository: MCZC.  
**[Junior secondary homonym of *Formica smithii* Lowne, 1865a: 276.]**  
**Replacement name:** *Iridomyrmex wheeleri* Emery, 1913a: 26.
- sophiae.** *Technomyrmex sophiae* Forel, 1902h: 474 (w.q.) AUSTRALIA (Queensland).  
 Type-material: syntype workers (number not stated), 1 syntype queen.  
 Type-locality: Australia: Queensland, Mackay, 9.91 (*R.E. Turner*).  
 Type-depository: BMNH.

**Status as species:** Emery, 1913a: 44; Forel, 1915b: 85; Taylor & Brown, 1985: 107; Taylor, 1987a: 77; Shattuck, 1994: 167; Bolton, 1995b: 403; Bolton, 2007a: 117 (redescription).  
Distribution: Australia (Queensland).

**strenuus.** *Technomyrmex strenua* Mayr, 1872: 147 (w. ergatoid q.) BORNEO (East Malaysia: Sarawak).

Type-material: syntype workers (number not stated), syntype ergatoid queens (number not stated).

Type-locality: Malaysia: Sarawak, 1865-66 (*G. Doria*).

Type-depository: NHMW.

Forel, 1911a: 46 (m.).

**Status as species:** Emery, 1887a: 247; Dalla Torre, 1893: 167; Forel, 1911a: 46; Emery, 1913a: 44; Wheeler, W.M. 1919e: 101; Chapman & Capco, 1951: 196; Shattuck, 1994: 168; Bolton, 1995b: 403; Bolton, 2007a: 100 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Brunei, Malaysia (Sarawak), Singapore.

**stygium.** *Engramma stygium* Santschi, 1911c: 363 (w.m.) KENYA.

Type-material: 1 syntype worker, 1 syntype male.

Type-locality: Kenya ("Afrique orientale anglaise"): Nairobi (Wa-Kikouyou et Nasai), 1904 (*C. Alluaud*).

Type-depository: MNHN.

Santschi, 1914b: 117 (q.).

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Status as species: Emery, 1913a: 38.

Subspecies of *ilgi*: Santschi, 1914b: 117; Wheeler, W.M. 1922a: 922; Santschi, 1926b: 245; Shattuck, 1994: 162; Bolton, 1995b: 403.

Junior synonym of *ilgi*: Bolton, 2007a: 23.

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

Type-material: holotype worker.

Type-locality: Malaysia: Borneo, Sabah, Sayap Kinabalu, ca 1000 m. alt., 14.iv.1996 (*Sk. Yamane*).

Type-depository: KUIC.

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sabah).

**sublucidum.** *Tapinoma fulvum* subsp. *sublucidum* Wheeler, W.M. 1934g: 185 (w.) PANAMA (Barro Colorado I.).

Type-material: syntype workers (number not stated, "numerous specimens").

Type-locality: Panama: Barro Colorado I.C.Z., No. 713, 20.vii.1924 (*W.M. Wheeler*).

Type-depositories: LACM, MCZC.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *fulvus*: Kempf, 1972a: 247; Shattuck, 1994: 161; Bolton, 1995b: 403.

Junior synonym of *fulvus*: Bolton, 2007a: 120; Fernández & Guerrero, 2008: 111.

**sundaicus.** *Tapinoma sundaicum* Emery, 1900d: 695, fig. 10 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated).

Type-localities: Indonesia: Sumatra, Si Rambé, xii.90-iii.91 (*E. Modigliani*); Sumatra, D. Tolong, xi.1890 (*E. Modigliani*).

Type-depository: MSNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species:** Emery, 1913a: 42; Wheeler, W.M. 1937a: 23; Chapman & Capco, 1951: 194; Shattuck, 1994: 168; Bolton, 1995b: 403; Bolton, 2007a: 101 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Indonesia (Sumatra), Malaysia (Sarawak), Philippines (Luzon, Sibuyan).

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Gabon: Prov. Ogooue-Maritime, Res. Monts Doudou, 25.2 km. 304° NW Doussala, 2°13.6'S, 10°23.7'E, 14.iii.2000, 640 m., #2246(19)2, beating low vegetation, rainforest (*B.L. Fisher*);

paratypes: 1 worker same locality but 24.3 km. 307° NW Doussala, 2°13.4'S, 10°24.4'E, 9.iii.2000, 375 m., #2200(18)19, sifted leaf litter (leaf mold, rotten wood), rainforest (*B.L. Fisher*), 1 worker Gabon: Ogoové-

Maritime, Réserve des Monts Doudou, 25.2 km. 304° NW Doussala, 2°13.63'S, 10°23.67'E, 17.iii.2000, sweep, GAOO-S126, coastal lowland rainforest, undergrowth, low canopy in forest (*S. van Noort*).

Type-depositories: CASC (holotype); BMNH, CASC (paratypes).

Distribution: Gabon.

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

Type-material: holotype worker, 8 paratype workers.

Type-locality: holotype Malaysia: Borneo, Sabah, Danum Valley, 29.viii.1995 (*Sk. Yamane*); paratypes with same data.

Type-depositories: KUIIC (holotype), BMNH, KUIIC (paratypes).

**Status as species:** Pfeiffer, *et al.* 2011: 34.

Distribution: Malaysia (Sabah).

**taylori.** *Engramma taylori* Santschi, 1930c: 269 (w.) MOZAMBIQUE.

Type-material: 7 syntype workers.

Type-locality: Mozambique ("EAP", "EA Portug."): Inhaka, 15.vii.1929, in mangrove stump (*Taylor*).

Type-depository: NHMB.

[Also described as new by Santschi, in Taylor, J.S. 1931: 42.]

[Justified emendation of spelling to *taylori*: Santschi, in Taylor, J.S. 1931: 42.]

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species:** Shattuck, 1994: 168; Bolton, 1995b: 403; Bolton, 2007a: 38 (redescription).

Distribution: Mozambique.

**textor.** *Technomyrmex bicolor* subsp. *textor* Forel, 1909d: 228 (w.q.) INDONESIA (Java).

Type-material: syntype workers, syntype queens.

Type-locality: Indonesia: Java, Semarang (*Jacobson*).

Type-depositories: MHNG, MSNG.

**Subspecies of *bicolor*:** Emery, 1913a: 44; Chapman & Capco, 1951: 195; Shattuck, 1994: 159; Bolton, 1995b: 403.

**Status as species:** Bolton, 2007a: 103 (redescription); Pfeiffer, *et al.* 2011: 34.

Distribution: Indonesia (Java), Malaysia (Peninsula), Philippines (Palawan).

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

Type-material: holotype worker.

Type-locality: Papua New Guinea: 11 km. E Baiyer R. Sanct., 5.30°S, 144.16°E, 200 m., 23.vi.1980, on low vegetation, montane rainforest, #4530B (*P.S. Ward*).

Type-depository: ANIC.

Distribution: Papua New Guinea.

**transiens.** *Technomyrmex transiens* Forel, 1913k: 96 (w.) INDONESIA (Sumatra).

Type-material: holotype worker.

Type-locality: Indonesia: Sumatra, Bandar Baroe, 1911-1912 (*H. v. Buttel-Reepen*).

Type-depository: not in MHNG or MNHU, presumed lost.

**Status as species:** Chapman & Capco, 1951: 196; Shattuck, 1994: 168; Bolton, 1995b: 403.

Unidentifiable taxon; *incertae sedis* in *Technomyrmex*: Bolton, 2007a: 122.

*tridens* Arnold, 1946 [*Engramma*]; see under **AXINIDRIS**.

**truncicolus.** *Technomyrmex albipes* subsp. *truncicolus* Weber, 1943c: 380 (w.) SOUTH SUDAN.

Type-material: syntype workers (number not stated, "workers of one colony (No. 1382)").

Type-locality: South Sudan ("Anglo-Egyptian Sudan"): Equatoria, Imatong Mts, 6200 ft, 24.vii-5.viii.1939, No. 1382 (*N.A. Weber*).

[Note: dates on syntype labels as above, but in text dated as 1.viii.1939.]

Type-depository: MCZC.

**Subspecies of *albipes*:** Shattuck, 1994: 158; Bolton, 1995b: 403.

Junior synonym of *pallipes*: Bolton, 2007a: 56.

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

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Kenya: Gatab, Mt Kulal, 9.viii.1979 (*J. Darlington*); paratype with same data.

Type-depository: BMNH.

**Status as species:** Hita Garcia, *et al.* 2013: 203.

Distribution: Kenya, Tanzania.

**vexatus.** *Tapinoma vexatum* Santschi, 1919i: 220 (footnote) (m.) MOROCCO.

Type-material: 2 syntype males.

Type-locality: Morocco: Tanger, 1897 (*Vaucher*).

Type-depository: NHMB.

Bolton, 2007a: 40 (w.).

Combination in *Tapinoma* (*Tapinoptera*): Santschi, 1925g: 348;

combination in *Technomyrmex*: Cagniant & Espadaler, 1993: 92.

**Status as species:** Santschi, 1925g: 348; Shattuck, 1994: 155; Bolton, 1995b: 401; Bolton, 2007a: 40 (description); Sharaf, Collingwood & Aldawood, 2011: 15 (in key); Borowiec, L. 2014: 170; Lebas, *et al.* 2016: 122; Sharaf, Al Dhafer, *et al.* 2018: 52.

Distribution: Gibraltar, Morocco, Yemen.

**vitiensis.** *Technomyrmex albipes* var. *vitiensis* Mann, 1921: 473 (w.) FIJI IS (Viti Levu, Vanua Levu, Taveuni I., Ovalau I., Kadavu I.).

Type-material: syntype workers.

Type-locality: Fiji Is: Viti Levu, Nadarivatu (*W.M. Mann*).

Type-depositories: MCZC, USNM.

Santschi, 1928a: 52 (m.).

**Subspecies of *albipes*:** Mann, 1925b: 6; Cheesman & Crawley, 1928: 523; Santschi, 1928a: 52; Santschi, 1928c: 70; Wheeler, W.M. 1932c: 161; Wheeler, W.M. 1932d: 18; Wheeler, W.M. 1935g: 37.

Junior synonym of *albipes*: Wilson & Taylor, 1967: 82; Shattuck, 1994: 157; Bolton, 1995b: 403; Zhou, 2001b: 158.

**Status as species:** Bolton, 2007a: 104 (redescription); Framenau & Thomas, 2008: 60; Boer, 2010: 16; Pfeiffer, *et al.* 2011: 35; Sarnat & Economo, 2012: 39; Hita Garcia, *et al.* 2013: 203; Sarnat, *et al.* 2013: 69; Borowiec, L. 2014: 170; Ramage, 2014: 155; Bharti, Guénard, *et al.* 2016: 20.

**Senior synonym of *rufescens*:** Bolton, 2007a: 104.

Distribution [tramp species]:

Afrotropical: Kenya.

Austral: New Caledonia.

Malagasy: Réunion I., Seychelles Is.

Malesia: Fiji Is, French Polynesia, Hawaii Is, Indonesia (Sulawesi), Malaysia (Peninsula), Niue I., Philippines (Palawan), Samoa, Solomon Is, Vanuatu.

Nearctic: U.S.A. (California (hothouses)).

Oriental: Bangladesh, Christmas I., India, Myanmar, Thailand.

Palearctic: Austria (hothouses), Czech Republic (hothouses), Finland (hothouses), Germany (hothouses), Netherlands (hothouses), United Kingdom (hothouses).

**voeltzkowi.** *Tapinoma voeltzkowi* Forel, 1907g: 84 (w.m.) KENYA.

Type-material: lectotype worker (designated by Bolton, 2007a: 41).

Type-locality: lectotype Kenya ("Ostafrika"): Malindi (*Voeltzkow*).

Type-depository: MNHU.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species:** Emery, 1913a: 42; Arnold, 1915: 155; Wheeler, W.M. 1922a: 925; Shattuck, 1994: 168; Bolton, 1995b: 403; Bolton, 2007a: 41 (redescription); Hita Garcia, *et al.* 2013: 203.

**Senior synonym of *rhodesiae*:** Bolton, 2007a: 41.

Distribution: Botswana, Kenya, Madagascar, South Africa, Tanzania, Zimbabwe.

**wasmanni.** *Engramma lujae* r. *wasmanni* Forel, 1916: 432 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated), 1 syntype queen, 1 syntype male.

Type-locality: Democratic Republic of Congo ("Congo"): (no further data) (*Kohl*).

Type-depository: MHNG.

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Subspecies of *lujae*: Wheeler, W.M. 1922a: 923; Shattuck, 1994: 164; Bolton, 1995b: 403.

Junior synonym of *lujae*: Bolton, 2007a: 26.

*wedda*. *Technomyrmex albipes* r. *wedda* Forel, 1913e: 663 (w.q.) SRI LANKA.

Type-material: syntype workers (number not stated), 1 syntype queen.

Type-localities: workers Sri Lanka (“Ceylan”): Bandarawella, 1899 (*W. Horn*); queen Sri Lanka: Nalanda (*Horn*).

Type-depository: MHNG.

Subspecies of *albipes*: Shattuck, 1994: 158; Bolton, 1995b: 403.

Junior synonym of *albipes*: Bolton, 2007a: 68; Sharaf, Al Dhafer, *et al.* 2018: 40.

**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.]

Combination in *Technomyrmex*: Shattuck, 1992a: 15.

**Status as species**: Chapman & Capco, 1951: 191; Baltazar, 1966: 263; Shattuck, 1994: 168; Bolton, 1995b: 403; Bolton, 2007a: 106 (redescription); Pfeiffer, *et al.* 2011: 35.

**Senior synonym of *niasensis***: Bolton, 2007a: 106.

Distribution: Brunei, Indonesia (Sumatra), Malaysia (Peninsula, Sabah, Sarawak), Philippines (Baybay, Leyte, Luzon, Romblon).

*wolfi*. *Engramma wolfi* Forel, 1916: 432, fig. 1 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated).

Type-locality: Democratic Republic of Congo (“Congo”): St Gabriel (*Kohl*).

Type-depository: MHNG.

Wheeler, W.M. 1922a: 204 (q.m.).

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

Status as species: Wheeler, W.M. 1922a: 202 (in key), 923; Santschi, 1930a: 73; Shattuck, 1994: 169; Bolton, 1995b: 403.

Junior synonym of *andrei*: Bolton, 2007a: 19.

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

Type-material: holotype worker, 2 paratype workers.

Type-locality: holotype Thailand: Doi Chiang Dao, nr Chiang Mai, 700-800 m. alt., 3.iv.2005 (*Sk. Yamane*); paratypes with same data.

Type-depositories: KUIC (holotype); BMNH, Kuic (paratypes).

**Status as species**: Jaitrong, Guénard, *et al.* 2016: 24.

Distribution: Laos, Thailand, Vietnam.

**zimmeri**. *Engramma zimmeri* Forel, 1911d: 370 (w.) TANZANIA.

Type-material: holotype worker.

Type-locality: Tanzania: Amani (*Zimmer*).

Type-depository: MHNG (not in collection, presumed lost).

Combination in *Technomyrmex*: Shattuck, 1992c: 161.

**Status as species**: Emery, 1913a: 38; Wheeler, W.M. 1922a: 202 (in key), 923; Shattuck, 1994: 169; Bolton, 1995b: 403; Bolton, 2007a: 42 (redescription).

Distribution: Tanzania.

*zumpti*. *Technomyrmex zumpti* Santschi, 1937b: 102 (m.) CAMEROON.

Type-material: holotype male.

Type-locality: Cameroon: Kumba, Elefantensee, 12-16.x.1935 (*F. Zumpt*).

Type-depository: NHMB.

Status as species: Shattuck, 1994: 169; Bolton, 1995b: 403.

Junior synonym of *andrei*: Bolton, 2007a: 19.