

TRICHOMYRMEX

aberrans. *Monomorium aberrans* Forel, 1902c: 209 (w.) INDIA (Madhya Pradesh).

Combination in *M. (Xeromyrmex)*: Emery, 1922e: 176;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Forel, 1903a: 687; Bingham, 1903: 207; Emery, 1922e: 176; Chapman & Capco, 1951: 166; Ettershank, 1966: 87; Bolton, 1987: 297; Bolton, 1995b: 258; Mathew & Tiwari, 2000: 303; Bharti, Guénard, *et al.* 2016: 47.

abyssinicus. *Holcomyrmex abyssinicus* Forel, 1894b: 83 (w.) ETHIOPIA.

Viehmeyer, 1923: 91 (q.).

Combination in *Monomorium*: Forel, 1910f: 250;

combination in *M. (Holcomyrmex)*: Santschi, 1915c: 259;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Forel, 1910c: 250; Santschi, 1915c: 259; Emery, 1922e: 181; Wheeler, W.M. 1922a: 875; Viehmeyer, 1923: 91; Finzi, 1939a: 158; Ettershank, 1966: 87; Bolton, 1987: 321 (redescription); Bolton, 1995b: 258; Radchenko, 1997f: 222; Collingwood, *et al.* 2011: 432; Borowiec, L. 2014: 114; Sharaf, Salman, *et al.* 2016a: 9 (redescription); Madl, 2019: 16.

ajjer. *Monomorium (Equesimessor) chobauti* subsp. *ajjer* Bernard, 1953a: 165 (w.) ALGERIA.

Combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Subspecies of chobauti: Ettershank, 1966: 87; Bolton, 1995b: 259.

almosayari. *Trichomyrmex almosayari* Sharaf & Aldawood, in Sharaf, Salman, *et al.* 2016a: 12, fig. 6A-C (w.) SAUDI ARABIA.

atomaria. *Myrmica atomaria* Gerstäcker, 1859: 263 (w.) (no state data).

[Also described as new by Gerstäcker, 1862: 518; type-locality Mozambique from this reference.]

Combination in *Monomorium*: Roger, 1863b: 31; Mayr, 1863: 429.

Status as species: Mayr, 1863: 429.

Junior synonym of *ominosa*: Roger, 1863b: 31.

Junior synonym of *destructor*: Dalla Torre, 1893: 66; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Bolton, 1987: 324; Bolton, 1995b: 261; Heterick, 2006: 96.

baal. *Monomorium (Holcomyrmex) dentigerum* var. *baal* Wheeler, W.M. & Mann, 1916: 171 (w.) SYRIA.

Subspecies of *dentigerum*: Emery, 1922e: 181; Menozzi, 1933b: 65 (in key); Ettershank, 1966: 87.

Status as species: Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 272 (in key); Bolton, 1995b: 259; Borowiec, L. 2014: 116 (error); Petrov, 2006: 94 (in key) (error); Vonshak, *et al.* 2009: 43 (error); Tohmé, G. & Tohmé, 2014: 136 (error).

Junior synonym of *dentigera*: Radchenko, 1997f: 216.

basalis. *Myrmica basalis* Smith, F. 1858b: 125 (w.) SRI LANKA.

Combination in *Monomorium*: Mayr, 1865: 92.

Status as species: Mayr, 1863: 431; Motschoulsky, 1863: 15; Mayr, 1865: 92; Smith, F. 1871a: 327; Emery, 1877b: 369; Emery, 1881b: 532 (in key); Mayr, 1886c: 359; André, 1893b: 152.

Junior synonym of *destructor*: Dalla Torre, 1893: 66; Forel, 1894b: 86; Forel, 1895b: 125; Forel, 1903a: 687; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Creighton, 1950a: 224; Smith, D.R. 1979: 1382; Bolton, 1987: 324; Bolton, 1995b: 259; Tiwari, 1999: 57; Heterick, 2006: 96.

bodenheimeri. *Monomorium (Equestrimessor) bodenheimeri* Menozzi, 1929e: 125, figs. H, I (w.) EGYPT.

Combination in *Trichomyrmex*: (provisional, unpublished).

[Note: provisional combination as original description cites *Equestrimessor*.]

Status as species: Finzi, 1936: 178; Ettershank, 1966: 88; Kugler, J. 1988: 257; Bolton, 1995b: 260; Vonshak, *et al.* 2009: 43; Borowiec, L. 2014: 116.

bulawayense. *Monomorium amblyops* r. *bulawayense* Forel, 1914d: 247 (w.) ZIMBABWE.

Arnold, 1916: 237 (q.m.).

[**Junior primary homonym** of *Monomorium (Mitara) exiguum* var. *bulawayensis* Forel, 1913j: 217.]

Subspecies of *amblyops*: Arnold, 1916: 236.

Replacement name: *Monomorium amblyops* r. *prossae* Forel, 1916: 418.

Junior synonym of *oscaris*: Bolton, 1987: 327.

chobauti. *Holcomyrmex chobauti* Emery, 1896j: 418, fig. (w.) ALGERIA.

Délye, 1961: 69 (q.m.).

Combination in *Monomorium*: Emery, 1908h: 672;

combination in *M. (Equestrimessor)*: Santschi, 1919d: 92;

combination in *M. (Xeromyrmex)*: Emery, 1922e: 176;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Forel, 1902a: 150; Emery, 1908h: 672; Emery, 1922e: 176; Menozzi, 1929e: 127; Délye, 1961: 69; Ettershank, 1966: 88; Bolton, 1987: 297; Bolton, 1995b: 260; Collingwood & Agosti, 1996: 344; Cagniant, 2006a: 196; Collingwood, *et al.* 2011: 433; Borowiec, L. 2014: 117 (see note in bibliography); Sharaf, Salman, *et al.* 2016a: 14 (redescription).

Senior synonym of *faf*: Emery, 1922e: 176; Délye, 1961: 69; Bolton, 1995b: 260 Sharaf, Salman, *et al.* 2016a: 14.

Current subspecies: nominal plus *ajjer*.

clarus. *Holcomyrmex glaber* var. *clarus* Forel, 1902c: 219 (w.) INDIA (Maharashtra), NEPAL.

Combination in *Monomorium (Holcomyrmex)*: Emery, 1922e: 181.

Subspecies of *glaber*: Forel, 1903a: 692; Bingham, 1903: 284; Forel, 1913k: 55; Emery, 1922e: 181; Menozzi, 1939a: 335; Chapman & Capco, 1951: 163; Ettershank, 1966: 88; Bolton, 1995b: 260.

Junior synonym of *glaber*: Radchenko, 1997f: 221.

criniceps. *Holcomyrmex criniceps* Mayr, 1879: 672 (w.) INDIA (Tamil Nadu).

Bingham, 1903: 282 (s.). Radchenko, 1997f: 218 (q.m.).

Combination in *Monomorium (Holcomyrmex)*: Emery, 1922e: 181;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Dalla Torre, 1893: 65; Forel, 1903a: 693; Bingham, 1903: 282; Forel, 1911i: 221; Forel, 1913k: 55; Emery, 1922e: 181; Menozzi, 1939a: 335; Chapman & Capco, 1951: 163; Ettershank, 1966: 88; Bolton, 1995b: 260; Radchenko, 1997f: 218; Tiwari, 1999: 56; Bharti, Guénard, *et al.* 2016: 47.

Senior synonym of *niger*: Radchenko, 1997f: 218.

Senior synonym of *ruber*: Radchenko, 1997f: 218.

crinicipitoscabriceps. *Holcomyrmex scabriceps* var. *crinicipitoscabriceps* Forel, 1902c: 220 (w.) INDIA (Karnataka, West Bengal).

Combination in *Monomorium (Holcomyrmex)*: Emery, 1922e: 182.

Subspecies of *scabriceps*: Forel, 1903a: 693; Bingham, 1903: 283; Emery, 1922e: 182; Chapman & Capco, 1951: 163; Bolton, 1995b: 260.

Status as species: Ettershank, 1966: 88; Tiwari, 1999: 56 (error).

Junior synonym of *scabriceps*: Radchenko, 1997f: 221.

dentigera. *Atta dentigera* Roger, 1862b: 259 (w.) SYRIA, IRAQ.

Emery, 1908h: 668 (q.m.).

Combination in *Aphaenogaster*: Roger, 1863b: 30;
combination in *Holcomyrmex*: André, 1883b: 346; Hamann & Klemm, 1976: 672;
combination in *M. (Holcomyrmex)*: Forel, 1913d: 430; Emery, 1922e: 181;
combination in *Monomorium*: Emery, 1908h: 667; Radchenko, 1997f: 216;
combination in *Trichomyrmex*: (provisional, unpublished).

[Note: name omitted from list in Ward, *et al.* 2015: 76, but included in *scabriceps* group revision by Radchenko, 1997f: 216.]

Status as species: Roger, 1863b: 30; Mayr, 1863: 396; André, 1881b: 76; André, 1883b: 346 (in key); Dalla Torre, 1893: 65; Forel, 1906c: 189; Emery, 1908h: 667; Karavaiev, 1911: 4; Forel, 1911d: 338; Forel, 1913d: 430; Emery, 1915h: 1; Wheeler, W.M. & Mann, 1916: 171; Crawley, 1920a: 166; Emery, 1922e: 181; Karavaiev, 1926b: 109; Finzi, 1928c: 789; Finzi, 1930d: 313; Menozzi, 1933b: 64; Menozzi, 1936d: 284; Arnol'di, 1948: 211 (in list); Ettershank, 1966: 88; Hamann & Klemm, 1976: 672; Aktaç, 1977: 122; Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 272 (in key); Kugler, J. 1988: 258; Dlussky, Soyunov & Zabelin, 1990: 234; Collingwood, 1993b: 194; Arakelian, 1994: 46; Bolton, 1995b: 261; Collingwood & Agosti, 1996: 344; Radchenko, 1997f: 216; Petrov, 2006: 94 (in key); Gratiashvili & Barjadze, 2008: 139; Vonshak, *et al.* 2009: 43; Paknia, *et al.* 2010: 33; Legakis, 2011: 14; Kiran & Karaman, 2012: 21; Borowiec, L. 2014: 118; Tohmé, G. & Tohmé, 2014: 136.

Senior synonym of *baal*: Radchenko, 1997f: 216.

despecta. *Monomorium (Parholcomyrmex) destructor* var. *despecta* Menozzi, 1931a: 154.

[First available use of *Monomorium destructor* subsp. *kalahariense* var. *despecta* Forel, 1910c: 252 (w.) ERITREA; unavailable (infrasubspecific) name (Bolton, 1987: 326).]

Forel, 1913b: 331 (q.).

As unavailable (infrasubspecific) name: Forel, 1913b: 331; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Viehmeyer, 1923: 91; Ettershank, 1966: 88.

Subspecies of *destructor*: Finzi, 1939a: 164.

Junior synonym of *oscaris*: Bolton, 1987: 327; Bolton, 1995b: 261.

destructor. *Atta destructor* Jerdon, 1851: 105 (w.) INDIA (no state data, “common in all parts of India”).

[Duplicated in Jerdon, 1854a: 47.]

[Misspelled as *destructa* by Smith, F. 1858b: 163; misspelled as *decstructor* by Menozzi, 1929a: 4.]

Bingham, 1903: 209 (q.m.).

Combination in *Monomorium*: Emery, in Dalla Torre, 1893: 66;

combination in *M. (Parholcomyrmex)*: Wheeler, W.M. 1922a: 874;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Smith, F. 1858b: 163; Mayr, 1863: 396; Dalla Torre, 1893: 66; Emery, 1893c: 82; Emery, 1893f: 243, 256; Emery, 1893g: 263; Forel, 1895b: 125; Mayr, 1897: 427; Emery, 1901f: 117; Emery, 1901g: 567; Forel, 1903a: 687; Bingham, 1903: 209; Forel, 1903d: 404; Forel, 1904b: 373; Wheeler, W.M. 1905b: 123; Forel, 1907a: 19; Wheeler, W.M. 1908a: 126; Emery, 1908h: 671; Santschi, 1908: 517; Forel, 1909e: 394; Wheeler, W.M. 1909d: 334, 339; Forel, 1910b: 29; Yano, 1910: 419; Wheeler, W.M. 1910g: 562; Wheeler, W.M. 1911a: 22; Forel, 1911d: 380; Forel, 1911i: 221; Forel, 1912a: 55; Forel, 1912d: 105; Forel, 1912g: 3; Wheeler, W.M. 1912a: 45; Forel, 1913f: 191; Forel, 1913k: 53; Wheeler, W.M. 1913d: 240; Forel, 1915b: 73; Donisthorpe, 1915d: 336; Arnold, 1916: 235; Santschi, 1921b: 424; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Wheeler, W.M. 1923c: 4; Essig, 1926: 858; Stärcke, 1926: 86 (in key); Wheeler, W.M. 1927d: 5; Wheeler, W.M. 1927g: 108; Borgmeier, 1927c: 99; Donisthorpe, 1927b: 387; Wheeler, W.M. 1928c: 19; Menozzi, 1929a: 4; Wheeler, W.M. 1929g: 61; Wheeler, W.M. 1930a: 100; Wheeler,

W.M. 1930h: 67; Menozzi & Russo, 1930: 158; Aguayo, 1932: 217; Kutter, 1932: 207; Mukerjee, 1934: 7; Wheeler, W.M. 1934h: 13; Donisthorpe, 1935: 633; Wheeler, W.M. 1935g: 25; Wheeler, W.M. 1936f: 10; Smith, M.R. 1937: 833; Finzi, 1939a: 164; Teranishi, 1940: 57; Eidmann, 1942: 248; Kusnezov, 1949a: 425; Creighton, 1950a: 224; Smith, M.R. 1951a: 811; Chapman & Capco, 1951: 166; Wellenius, 1955: 8; Wilson, 1962c: 16; Wilson, 1964b: 7; Baltazar, 1966: 259; Ettershank, 1966: 88; Smith, M.R. 1967: 357; Wilson & Taylor, 1967: 64; Taylor, 1967b: 1094; Kempf, 1972a: 143; Alayo, 1974: 14 (in key); Taylor, 1976a: 86; Báez & Ortega, 1978: 190; Smith, D.R. 1979: 1382; Barquin Diez, 1981: 204; Collingwood, 1985: 270; Bolton, 1987: 324 (redescription); Taylor, 1987a: 40; Deyrup, *et al.* 1989: 96; Brandão, 1991: 357; Ogata, 1991b: 107; Wu, J. & Wang, 1992: 1307; Morisita, *et al.* 1992: 39; Dlussky, 1994: 54; Bolton, 1995b: 261; Wu, J. & Wang, 1995: 89; Dorow, 1996a: 78; Collingwood & Agosti, 1996: 346; Collingwood, Tigar & Agosti, 1997: 508; Tiwari, 1999: 57; Deyrup, *et al.* 2000: 297; Deyrup, 2003: 45; Imai, *et al.* 2003: 134; Lin & Wu, 2003: 66; Wetterer & Vargo, 2003: 417; Collingwood, *et al.* 2004: 484; Ghosh, *et al.* 2005: 26; Jaitrong & Nabhitabhata, 2005: 27; Heterick, 2006: 96 (redescription); Wetterer, 2006: 415; Fernández, 2007b: 134; Clouse, 2007b: 247; Framenau & Thomas, 2008: 68; Paknia, *et al.* 2008: 155; Heterick, 2009: 164; Terayama, 2009: 153; Vonshak, *et al.* 2009: 43; Wetterer, 2009c: 97; Mohanraj, *et al.* 2010: 6; Collingwood, *et al.* 2011: 433; Guénard & Dunn, 2012: 45; Sarnat & Economo, 2012: 87; Hita Garcia, *et al.* 2013: 212; Sarnat, *et al.* 2013: 71; Borowiec, L. 2014: 118; Ramage, 2014: 164; Bharti, Guénard, *et al.* 2016: 47; Jaitrong, Guénard, *et al.* 2016: 40; Wetterer, *et al.* 2016: 21; Sharaf, Salman, *et al.* 2016a: 16 (redescription); Sharaf, Fisher, *et al.* 2017: 47; Deyrup, 2017: 72; Dekoninck, *et al.* 2019: 1159; Fernández & Serna, 2019: 828; Lubertazzi, 2019: 196.

Senior synonym of *atomaria*: Dalla Torre, 1893: 66; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Bolton, 1987: 324; Bolton, 1995b: 261; Heterick, 2006: 96.

Senior synonym of *basalis*: Dalla Torre, 1893: 66; Forel, 1894b: 86; Forel, 1895b: 125; Forel, 1903a: 687; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Creighton, 1950a: 224; Smith, D.R. 1979: 1382; Bolton, 1987: 324; Bolton, 1995b: 261; Tiwari, 1999: 57; Heterick, 2006: 96.

Senior synonym of *gracillima*: Bolton, 1987: 324; Bolton, 1995b: 261; Dorow, 1996a: 78; Heterick, 2006: 96.

Senior synonym of *ominosa*: Dalla Torre, 1893: 66; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Bolton, 1987: 324; Bolton, 1995b: 261; Heterick, 2006: 96.

Senior synonym of *vexator*: Donisthorpe, 1932c: 468; Bolton, 1987: 324; Bolton, 1995b: 261; Heterick, 2006: 97.

***dilatatum*.** *Monomorium (Parholcomyrme) dilatatum* Bernard, 1977: 30, fig. 2A-D (w.) ALGERIA.

Combination in *Trichomyrme*: (provisional, unpublished).

[Note: provisional combination as original description cites *Parholcomyrme*.]

Status as species: Bolton, 1995b: 261; Borowiec, L. 2014: 118.

***dispar*.** *Monomorium dispar* Emery, 1895h: 24 (w.) SOUTH AFRICA.

Combination in *M. (Parholcomyrme)*: Wheeler, W.M. 1922a: 874.

Status as species: Arnold, 1916: 235; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Ettershank, 1966: 88.

Junior synonym of *oscaris*: Bolton, 1987: 326; Bolton, 1995b: 261.

***emeryi*.** *Monomorium emeryi* Mayr, 1895: 132 (w.) MOZAMBIQUE.

Arnold, 1916: 213 (q.m.).

Combination in *M. (Parholcomymex)*: Arnold, 1944: 13;
combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Mayr, 1897: 427; Forel, 1903a: 687; Forel, 1913a: 136; Arnold, 1916: 212; Emery, 1922e: 176; Wheeler, W.M. 1922a: 863; Arnold, 1944: 13; Prins, 1963: 103; Ettershank, 1966: 88; Bolton, 1987: 325 (redescription); Bolton, 1995b: 261.

Current subspecies: nominal plus *laevior*.

epinotalis. *Monomorium (Parholcomymex) epinotale* Santschi, 1923e: 281 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Ettershank, 1966: 89; Bolton, 1987: 326 (redescription); Bolton, 1995b: 261.

evansi. *Monomorium (Holcomymex) evansi* Donisthorpe, 1918b: 199 (w.q.m.) IRAQ.

Combination in *Trichomyrmex*: (provisional, unpublished).

[Note: name omitted from list in Ward, *et al.* 2015: 76, but included in *scabriceps* group revision by Radchenko, 1997f: 216.]

Status as species: Crawley, 1920a: 166 (redescription); Emery, 1922e: 181; Weber, 1952c: 16; Ettershank, 1966: 89; Bolton, 1987: 321; Bolton, 1995b: 261; Radchenko, 1997f: 218; Borowiec, L. 2014: 119.

faf. *Holcomymex faf* Forel, 1902a: 151 (q.m.) ALGERIA.

Combination in *Monomorium*: Emery, 1908h: 673.

Status as species: Emery, 1908h: 673.

Junior synonym of *chobauti*: Emery, 1922e: 176; Délye, 1961: 69; Bolton, 1995b: 261 Sharaf, Salman, *et al.* 2016a: 12.

glaber. *Holcomymex glaber* André, 1883b: 345 (footnote) (w.) INDIA (Tamil Nadu).

Imai, *et al.* 1984: 8 (k.).

Combination in *Monomorium (Holcomymex)*: Emery, 1922e: 181;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Subspecies of criniceps: Forel, 1901c: 220 (in text).

Status as species: Dalla Torre, 1893: 65; Forel, 1903a: 692; Bingham, 1903: 284; Forel, 1909e: 394; Forel, 1913k: 55; Emery, 1922e: 181; Donisthorpe, 1942d: 455; Donisthorpe, 1950e: 1061; Chapman & Capco, 1951: 163; Ettershank, 1966: 89; Bolton, 1995b: 262; Radchenko, 1997f: 221; Tiwari, 1999: 57; Bharti, Guénard, *et al.* 2016: 47.

Senior synonym of clarus: Radchenko, 1997f: 221.

Senior synonym of glabrocriniceps: Radchenko, 1997f: 221.

glabrocriniceps. *Holcomymex glaber* var. *glabrocriniceps* Forel, 1902c: 220 (w.) INDIA (Karnataka, Maharashtra).

Subspecies of *glaber*: Forel, 1903a: 693; Bingham, 1903: 284; Emery, 1922e: 181; Chapman & Capco, 1951: 163; Bolton, 1995b: 262.

Status as species: Ettershank, 1966: 89; Tiwari, 1999: 57 (error).

Junior synonym of *glaber*: Radchenko, 1997f: 221.

gracillima. *Myrmica gracillima* Smith, F. 1861a: 34 (w.) (no state data, "Syria and Palestine").

[Misspelled as *gracillium* by Chapman & Capco, 1951: 166.]

Emery, 1877b: 369 (footnote) (q.m.).

Combination in *Monomorium*: Mayr, 1862: 753;

combination in *M. (Holcomymex)*: Santschi, 1914d: 354;

combination in *M. (Parholcomymex)*: Emery, 1915i: 190.

Status as species: Mayr, 1862: 753; Roger, 1863b: 32; Mayr, 1863: 429; Emery, 1877b: 369 (footnote); Mayr, 1877: 20 (in list); Emery, 1881b: 533; André, 1881b: 68; André, 1883a: 333 (in key); André, 1884b: 541; Emery, 1889b: 503; Dalla Torre, 1893: 67; Forel, 1894b: 88; Emery, 1895k: 465; Forel, 1902a: 152; Forel, 1903a: 687; Bingham, 1903: 210; Forel,

1904c: 25; Ruzsky, 1905b: 635; Forel, 1907a: 19; Mayr, 1907b: 12; Emery, 1908h: 669; Santschi, 1908: 518; Forel, 1909e: 381, 394; Wheeler, W.M. 1909d: 339; Karavaiev, 1910b: 57; Karavaiev, 1911: 4; Viehmeyer, 1914a: 113; Santschi, 1914d: 354; Crawley, 1920a: 165; Wheeler, W.M. 1922a: 163, 874, 1027; Emery, 1922e: 180; Wheeler, W.M. 1923b: 3; Ruzsky, 1923: 4; Santschi, 1924c: 99; Santschi, 1929c: 100; Menozzi, 1932c: 95; Menozzi, 1933b: 63; Menozzi, 1934: 155; Santschi, 1934f: 168; Wheeler, W.M. 1934h: 14; Wheeler, W.M. 1935g: 25; Finzi, 1936: 178; Finzi, 1939a: 158; Santschi, 1938a: 39; Santschi, 1939d: 74; Donisthorpe, 1942a: 29; Bernard, 1948: 143; Chapman & Capco, 1951: 166; Bernard, 1953a: 168; Délye, 1960: 266; Collingwood, 1961a: 62; Collingwood, 1962: 225; Baltazar, 1966: 260; Ettershank, 1966: 89; Pisarski, 1967: 399; Wilson & Taylor, 1967: 66; Hamann & Klemm, 1967: 414; Pisarski, 1970: 309; Bernard, 1971: 7; Dlussky, 1981a: 17; Collingwood, 1985: 270; Kugler, J. 1988: 258; Dlussky, Soyunov & Zabelin, 1990: 235; Tohmé, G. & Tohmé, 2014: 135 (error).

Subspecies of *destructor*: Forel, 1913d: 437; Viehmeyer, 1923: 91.

Junior synonym of *destructor*: Bolton, 1987: 324; Bolton, 1995b: 261; Dorow, 1996a: 78; Heterick, 2006: 96.

indicus. *Holcomyrmex indicus* Smith, F. 1873: ix. *Nomen nudum* (attributed to Mayr).

[*Holcomyrmex indicus* Rothney, 1889: 367. *Nomen nudum* (Dalla Torre, 1892: 90).]

Material referred to *scabriceps* by Dalla Torre, 1893: 65.

kalahariense. *Monomorium destructor* subsp. *kalahariense* Forel 1910c: 252 (w.) BOTSWANA.

[Also described as new by Forel 1910f: 18]

Forel, 1913b: 331 (q.).

Subspecies of *destructor*: Forel, 1913b: 331; Arnold, 1916: 235; Wheeler, W.M. 1922a: 874; Emery, 1922e: 180; Viehmeyer, 1923: 91; Ettershank, 1966: 90.

Junior synonym of *oscaris*: Bolton, 1987: 326; Bolton, 1995b: 263.

karawaiewi. *Monomorium (Parholcomyrmex) gracillimum* var. *karawaiewi* Emery, 1922e: 180 (date of publication 2.ix.1922).

[First available use of *Monomorium destructor* r. *gracillimum* var. *karawajewi* Forel, 1913d: 437 (w.) SUDAN, ISRAEL; unavailable (infrasubspecific) name (Bolton, 1987: 326).]

As unavailable (infrasubspecific) name: Viehmeyer, 1923: 91; Ettershank, 1966: 90.

Subspecies of *gracillima*: Wheeler, W.M. 1922a: 875 (date of publication 25.x.1922); Menozzi, 1933b: 64; Santschi, 1939d: 74.

Status as species: Collingwood, 1985: 270.

Junior synonym of *mayri*: Bolton, 1987: 326; Bolton, 1995b: 263; Zhou, 2001b: 112 Sharaf, Salman, *et al.* 2016a: 20.

kempi. *Monomorium (Parholcomyrmex) kempi* Mukerjee, 1930: 154, fig. 2 (w.) (no state data, “Seistan desert”, which occurs in eastern Iran, southern Afghanistan, and western Pakistan).

Combination in *Trichomyrmex*: (provisional, unpublished).

[Note: provisional combination as original description cites *Parholcomyrmex*.]

Status as species: Bolton, 1995b: 263; Bharti, Guénard, *et al.* 2016: 39.

laevior. *Monomorium emeryi* subsp. *laevior* Mayr, 1897: 427 (w.) SRI LANKA.

[Misspelled as *laevius* by Ettershank, 1966: 90.]

Combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Subspecies of emeryi: Forel, 1903a: 687; Emery, 1922e: 176; Chapman & Capco, 1951: 166; Ettershank, 1966: 90; Bolton, 1995b: 263.

lameerei. *Holcomyrmex lameerei* Forel, 1902a: 150 (w.) ALGERIA.

Santschi, 1907: 327 (q.m.).

Combination in *Monomorium*: Emery, 1908h: 673;

combination in *M. (Equestrimessor)*: Santschi, 1919d: 92;

combination in *M. (Xeromyrmex)*: Emery, 1922e: 177;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Forel, 1905b: 175; Santschi, 1907: 327; Emery, 1908h: 673; Wolf, 1915: 39; Emery, 1922e: 177; Menozzi, 1929e: 128; Ettershank, 1966: 90; Bolton, 1987: 297; Kugler, J. 1988: 257; Bolton, 1995b: 263; Vonshak, *et al.* 2009: 43; Collingwood, *et al.* 2011: 435; Borowiec, L. 2014: 120 (see note in bibliography); Sharaf, Salman, *et al.* 2016a: 19 (redescription).

Current subspecies: nominal plus *stauderi*.

major. *Monomorium (Isolcomyrmex) santschii* var. *major* Bernard, 1953a: 168 (w.) ALGERIA.

Subspecies of *santschii*: Ettershank, 1966: 90.

Status as species: Bolton, 1995b: 264; Borowiec, L. 2014: 121 (error).

Synonym of *santschii*, *santschianum*: Bolton, 1995b: 264.

[Note: Bolton, 1995b: 264, gave seniority to *major* because of then current homonymic status, but *santschii* Forel, 1907b: 203, has priority on transfer of *santschii* from *Monomorium* to *Trichomyrmex*, with redundancy of homonymy]

mayri. *Monomorium gracillimum* var. *mayri* Forel, 1902c: 209 (w.) INDIA (no state data, “Très répandu dans l’Inde entière”).

Wheeler, W.M. 1923b: 3 (m.).

Combination in *M. (Parholcomyrmex)*: Emery, 1922e: 180;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Subspecies of *destructor*: Forel, 1911a: 24; Forel, 1913k: 53; Viehmeyer, 1916a: 132.

Subspecies of *gracillimum*: Forel, 1907a: 19; Santschi, 1920h: 161; Emery, 1922e: 180; Wheeler, W.M. 1930h: 67; Chapman & Capco, 1951: 166; Ettershank, 1966: 90.

Status as species: Bolton, 1987: 326 (redescription); Kugler, J. 1988: 258; Bolton, 1995b: 264; Wu, J. & Wang, 1995: 88; Collingwood & Agosti, 1996: 350; Tiwari, 1999: 53; Zhou, 2001b: 112; Zhang, W. & Zheng, 2002: 220; Collingwood, *et al.* 2004: 481; Vonshak, *et al.* 2009: 43; Collingwood, *et al.* 2011: 435; Guénard & Dunn, 2012: 45; Sharaf, Abdel-Dayem, *et al.* 2013: 574; Borowiec, L. 2014: 122; Bharti, Guénard, *et al.* 2016: 47; Sharaf, Salman, *et al.* 2016a: 20 (redescription); Sharaf, Fisher, *et al.* 2017: 49; Sharaf, Fisher, *et al.* 2018: 32.

Senior synonym of *karawaiewi*: Bolton, 1987: 326; Bolton, 1995b: 264; Zhou, 2001b: 112; Sharaf, Salman, *et al.* 2016a: 20.

muticus. *Holcomyrmex muticus* Emery, 1887b: 457 (w.) MYANMAR.

Combination in *Monomorium (Holcomyrmex)*: Emery, 1922e: 182;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Dalla Torre, 1893: 65; Forel, 1903a: 692; Bingham, 1903: 284; Emery, 1922e: 182; Chapman & Capco, 1951: 163; Ettershank, 1966: 91; Bolton, 1995b: 264; Radchenko, 1997f: 221.

nengraharicum. *Monomorium (Parholcomyrmex) nengraharicum* Pisarski, 1970: 309, figs. 1-9 (w.q.) AFGHANISTAN.

Combination in *Trichomyrmex*: (provisional, unpublished).

[Note: provisional combination as original description cites *Parholcomyrmex*.]

Status as species: Bolton, 1995b: 265.

niger. *Holcomyrmex criniceps* var. *niger* Forel, 1902c: 220 (w.) INDIA (Karnataka, Maharashtra).

Combination in *Monomorium (Holcomyrmex)*: Emery, 1922e: 181.

Subspecies of *criniceps*: Forel, 1903a: 693; Emery, 1922e: 181; Chapman & Capco, 1951: 163; Ettershank, 1966: 91; Bolton, 1995b: 265.

Status as species: Tiwari, 1999: 56.

Junior synonym of *criniceps*: Radchenko, 1997f: 218.

ominosa. *Myrmica ominosa* Gerstäcker, 1859: 263 (w.) (no state data).

[Also described as new by Gerstäcker, 1862: 517; type-locality Mozambique from this reference.]

Combination in *Monomorium*: Roger, 1863b: 31.

Status as species: Roger, 1863b: 31; Mayr, 1863: 429.

Junior synonym of *destructor*: Dalla Torre, 1893: 66; Wheeler, W.M. 1908a: 126; Emery, 1922e: 180; Wheeler, W.M. 1922a: 874; Bolton, 1987: 324; Bolton, 1995b: 265; Heterick, 2006: 96.

oscaris. *Monomorium oscaris* Forel, 1894b: 86 (w.) ETHIOPIA.

Combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Emery, 1901e: 61; Arnold, 1916: 229; Emery, 1922e: 173; Wheeler, W.M. 1922a: 865; Finzi, 1939a: 164; Ettershank, 1966: 91; Bolton, 1987: 326 (redescription); Bolton, 1995b: 265; Madl, 2019: 16.

Senior synonym of *bulawayense*: Bolton, 1987: 327.

Senior synonym of *despecta*: Bolton, 1987: 327; Bolton, 1995b: 265.

Senior synonym of *dispar*: Bolton, 1987: 326; Bolton, 1995b: 265.

Senior synonym of *kalahariense*: Bolton, 1987: 326; Bolton, 1995b: 265.

Senior synonym of *prossae*: Bolton, 1987: 327; Bolton, 1995b: 265.

Senior synonym of *solleri*: Bolton, 1987: 326; Bolton, 1995b: 265.

perplexus. *Monomorium perplexum* Radchenko, 1997f: 213, figs. 1-11 (w.q.m.) ARMENIA, GEORGIA, GREECE (Crete I.).

Combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Status as species: Paknia, *et al.* 2010: 33; Legakis, 2011: 15; Collingwood, *et al.* 2011: 435; Borowiec, L. & Salata, 2012: 518; Kiran & Karaman, 2012: 21; Borowiec, L. & Salata, 2013: 358; Borowiec, L. 2014: 123; Lebas, *et al.* 2016: 398; Sharaf, Salman, *et al.* 2016a: 24 (redescription); Borowiec, L. & Salata, 2018: 8; Salata & Borowiec, 2018c: 50.

prossae. *Monomorium amblyops* r. *prossae* Forel, 1916: 418.

Replacement name for *Monomorium amblyops* r. *bulawayense* Forel, 1914d: 247. [Junior primary homonym of *Monomorium (Mitara) exiguum* var. *bulawayensis* Forel, 1913j: 217.]

Combination in *M. (Parholcomyrmex)*: Wheeler, W.M. 1922a: 873.

Subspecies of *amblyops*: Wheeler, W.M. 1922a: 873; Arnold, 1926: 232; Ettershank, 1966: 91.

Status as species: Emery, 1922e: 173; Prins, 1963: 103.

Junior synonym of *oscaris*: Bolton, 1987: 327; Bolton, 1995b: 266.

robustior. *Monomorium gracillimum* r. *robustior* Forel, 1892e: 352 (w.) SOMALIA.

[Misspelled as *robustius* by Emery, 1893f: 256, Dalla Torre, 1893: 69, Forel, 1894e: 228, and others; misspelled as *robustus* by Forel, 1907g: 78.]

Combination in *M. (Parholcomyrmex)*: Wheeler, W.M. 1922a: 875;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

Subspecies of *destructor*: Forel, 1913j: 216.

Subspecies of *gracillima*: Dalla Torre, 1893: 69; Emery, 1893f: 256; Forel, 1894b: 88; Forel, 1894e: 228; Mayr, 1907b: 12; Forel, 1907g: 78; Wheeler, W.M. 1922a: 163, 875, 1027; Emery, 1922e: 180; Finzi, 1939a: 164; Ettershank, 1966: 91.

Status as species: Bolton, 1987: 328 (redescription); Bolton, 1995b: 266; Collingwood & Agosti, 1996: 354; Heterick, 2006: 99 (redescription); Hita Garcia, *et al.* 2013: 213; Borowiec, L. 2014: 125; Sharaf, Salman, *et al.* 2016a: 26 (redescription); Madl, 2019: 16.

rogeri. *Trichomyrmex rogeri* Mayr, 1865: 19 (footnote) (q.) SRI LANKA.

Combination in *Monomorium*: Ettershank, 1966: 91;

combination in *Trichomyrmex*: Ward, *et al.* 2015: 76.

- Status as species:** Dalla Torre, 1893: 72; Forel, 1903a: 699; Bingham, 1903: 214; Emery, 1922e: 186; Chapman & Capco, 1951: 169; Ettershank, 1966: 91; Bolton, 1995b: 266; Radchenko, 1997f: 222.
- ruber*. *Holcomyrme criniceps* var. *ruber* Forel, 1903a: 692 (w.) (in key) SRI LANKA.
 Combination in *Monomorium* (*Holcomyrme*): Emery, 1922e: 181.
 Subspecies of *criniceps*: Emery, 1922e: 181; Chapman & Capco, 1951: 163; Ettershank, 1966: 92; Bolton, 1995b: 266.
 Junior synonym of *criniceps*: Radchenko, 1997f: 218.
- santschianum*. *Monomorium santschianum* Ettershank, 1966: 92.
 Combination in *Trichomyrme*: Ward, *et al.* 2015: 76.
 Status as species: Bolton, 1987: 296.
 Unnecessary replacement name for *Holcomyrme santschii* Forel, 1907b: 203.
- santschii**. *Holcomyrme santschii* Forel, 1907b: 203 (w.) TUNISIA.
 [*Holcomyrme santschii* Santschi, 1907: 329. *Nomen nudum* (attributed to Forel).]
 Santschi, 1911f: 84 (m.); Karavaiev, 1912a: 3 (q.).
 Combination in *Monomorium*: Emery, 1908h: 669;
 combination in *M.* (*Holcomyrme*): Santschi, 1911f: 84;
 combination in *M.* (*Isolcomyrme*): Santschi, 1917b: 296;
 combination in *M.* (*Parholcomyrme*): Emery, 1922e: 180;
 combination in *Trichomyrme*: Ward, *et al.* 2015: 76.
Status as species: Emery, 1908h: 669; Santschi, 1911f: 84; Karavaiev, 1912a: 3; Emery, 1922e: 180; Bernard, 1953a: 167.
Senior synonym of *santschianum* Ettershank, 1966: 92 (unnecessary replacement name).
Senior synonym of *major* Bernard, 1953a: 168 (unnecessary replacement name).
 Material of the *nomen nudum indicus* referred here by Dalla Torre, 1893: 65.
- scabriceps**. *Holcomyrme scabriceps* Mayr, 1879: 672 (w.) INDIA (West Bengal).
 [Misspelled as *scabiceps* by Emery, 1922e: 181.]
 Bingham, 1903: 283 (s.q.m.); Imai, *et al.* 1984: 7 (k.).
 Combination in *Monomorium* (*Holcomyrme*): Emery, 1922e: 182;
 combination in *Trichomyrme*: Ward, *et al.* 2015: 76.
Status as species: Forel, 1885b: 178; Dalla Torre, 1893: 65; Forel, 1903a: 692; Rothney, 1903: 97; Bingham, 1903: 282; Emery, 1922e: 182; Donisthorpe, 1942d: 455; Chapman & Capco, 1951: 163; Ettershank, 1966: 92; Bolton, 1995b: 266; Radchenko, 1997f: 221; Tiwari, 1999: 56; Bharti, Guénard, *et al.* 2016: 47.
Senior synonym of *crincipitoscabriceps*: Radchenko, 1997f: 221.
- shakeri**. *Trichomyrme shakeri* Sharaf & Al Dhafer, in Sharaf, Salman, *et al.* 2016a: 28, fig. 13A-C (w.) SAUDI ARABIA.
- solleri*. *Rhoptromyrme solleri* Forel, 1910e: 430 (q.) SENEGAL.
 Combination in *Monomorium*: Ettershank & Brown, 1964: 18.
 Status as species: Wheeler, W.M. 1922a: 909; Emery, 1924d: 290; Ettershank, 1966: 92.
 Junior synonym of *oscaris*: Bolton, 1987: 326; Bolton, 1995b: 267.
- stauderi**. *Monomorium lameerei* var. *stauderi* Wolf, 1915: 42, fig. 2 (w.) ALGERIA.
 [Misspelled as *standeri* by Menozzi, 1929e: 128.]
 Combination in *Trichomyrme*: Ward, *et al.* 2015: 76 (by implication).
Subspecies of *lameerei*: Emery, 1922e: 177; Menozzi, 1929e: 128; Ettershank, 1966: 92; Bolton, 1995b: 267.
- vexator*. *Myrmica vexator* Smith, F. 1861b: 47 (w.) INDONESIA (Ternate I.).
 [Unjustified emendation of spelling to *vexatrix*: Schulz, W.A. 1906: 155.]
 Status as species: Mayr, 1863: 436; Smith, F. 1871a: 326; Dalla Torre, 1893: 118; Chapman & Capco, 1951: 131.

Junior synonym of *destructor*: Donisthorpe, 1932c: 468; Bolton, 1987: 324; Bolton, 1995b: 268; Heterick, 2006: 97.

wroughtoni. *Trichomyrmex wroughtoni* Forel, 1911h: 453 (q.) INDIA (Karnataka).

Status as species: Emery, 1922e: 186; Chapman & Capco, 1951: 169; Bharti, Guénard, *et al.* 2016: 48.

Senior synonym of *wroughtonianum* Ettershank, 1966: 93 (unnecessary replacement name).

wroughtonianum. *Monomorium wroughtonianum* Ettershank, 1966: 93.

Unnecessary replacement name for *Trichomyrmex wroughtoni* Forel, 1911h: 453.

Status as species: Bolton, 1995b: 268; Radchenko, 1997f: 222.