

**RABIDIA* [junior synonym of **Camponotites*]

**Rabidia* Hong, 1984: 8. Type-species: **Rabidia xiejiaheensis* Hong, 1984: 8, by monotypy.

Taxonomic history

**Rabidia* “superfamiliae *incertae sedis*”: Hong, 1984: 8.

**Rabidia* as junior synonym of *Oecophylla*: Zhang, 1989: 297 [by implication as type-species of **Rabidia* transferred to *Oecophylla*].

**Rabidia* as junior synonym of **Camponotites*: Dlussky, *et al.* 2008: 616 [by implication as type-species of **Rabidia* transferred to **Camponotites*].

RAPTIFORMICA [junior synonym of *Formica*]

Raptiformica Forel, 1913i: 361 [as subgenus of *Formica*]. Type-species: *Formica sanguinea* Latreille, 1798: 37, by original designation.

Taxonomic history

Raptiformica as subgenus of *Formica*: Emery, 1916b: 257; Forel, 1917: 250; Emery, 1925b: 258; Donisthorpe, 1943g: 723; Creighton, 1950a: 460.

Raptiformica as junior synonym of *Formica*: Wheeler, W.M. 1922a: 699 (footnote); Smith, M.R. 1951a: 860; Smith, D.R. 1979: 1448; Agosti, 1994a: 107; Bolton, 1995b: 45; Tang, J., Li, *et al.* 1995: 103; Bolton, 2003: 128.

[Note: many authors retain *Raptiformica* as a subgenus of *Formica*; the name is often encountered in the regional literature.]

RASOPONE [Ponerinae: Ponerini]

Rasopone Schmidt, C.A. & Shattuck, 2014: 208. Type-species: *Ponera ferruginea* Smith, F. 1858b: 100, by original designation.

Taxonomic history

Rasopone in Ponerinae, Ponerini, *incertae sedis* in *Ponera* genus group: Schmidt, C.A. & Shattuck, 2014: 208.

Rasopone as genus: all authors.

Rasopone catalogues: Schmidt, C.A. & Shattuck, 2014: 210 (species checklist).

Rasopone references: Baccaro, *et al.* 2015: 336 (genus in Brazil); Fernández & Guerrero, 2019: 542 (Colombia species key).

RAVAVY [Dolichoderinae: Bothriomyrmecini]

Ravavy Fisher, 2009: 46. Type-species: *Ravavy miafina* Fisher, 2009: 47, by original designation.

Taxonomic history

Ravavy in Dolichoderinae, Bothriomyrmecini: Fisher, 2009: 37; Ward, *et al.* 2010: 361.

Ravavy as genus: all authors.

Ravavy references: Yoshimura & Fisher, 2011: 12 (Malagasy males); Fisher & Bolton, 2016: 396 (worker diagnosis, checklist).

RECURVIDRIS [Myrmicinae: Crematogastrini]

Recurvidris Bolton, 1992: 36.

Taxonomic history

[Replacement name for *Trigonogaster* Forel, 1890b: cix; junior homonym of *Trigonogaster* Guérin-Méneville, 1844b: 1149 (Hymenoptera, Pteromalidae).]

Recurvidris incertae sedis in Myrmicinae: Bolton, 1992: 38.

Recurvidris in Myrmicinae, Pheidologetonini: Bolton, 1994: 106; Bolton, 1995b: 45.

Recurvidris in Myrmicinae, Crematogastrini: Bolton, 2003: 66, 241; Ward, *et al.* 2015: 77; in Crematogastrini, *Podomyrma* genus group: Blaimer, *et al.* 2018: 7.

Recurvidris as genus: all authors.

Recurvidris catalogues: Dalla Torre, 1893: 72; Emery, 1924d: 210; Chapman & Capco, 1951: 161 (Asia); Ettershank, 1966: 158; Bolton, 1995b: 377.

Recurvidris references: Emery, 1924d: 210 (diagnosis); Ettershank, 1966: 158 (diagnosis, review of genus); Ogata, 1991b: 116 (diagnosis, Japan); Bolton, 1992: 35 (diagnosis, review of genus, **all species revision, key**); Zhou, 2000: 301 (China species key); Zhou, 2001b: 110 (China, Guangxi species key); Eguchi, *et al.* 2011: 27 (diagnosis, Vietnam synopsis); Jaitrong & Wiwatwitaya, 2015: 105 (Thailand species key); Jaitrong, Tokeeree, *et al.* 2019: 59 (Asia species key).

RENEA [junior synonym of *Prionopelta*]

Renea Donisthorpe, 1947d: 183. Type-species: *Renea testacea* Donisthorpe, 1947d: 183 (junior synonym of *Ponera nominata* Smith, F. 1871a: 323), by original designation.

Taxonomic history

Renea as genus: Chapman & Capco, 1951: 77.

Renea as junior synonym of *Prionopelta*: Brown, 1953c: 11; Smith, D.R. 1979: 1335; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 45; Bolton, 2003: 154.

RHACHIOCREMA [junior synonym of *Crematogaster (Orthocrema)*]

Rhachiocrema Mann, 1919: 318 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Rhachiocrema) wheeleri* Mann, 1919: 318, by original designation.

Taxonomic history

Rhachiocrema as genus: Soulié, 1964: 398; Soulié, 1965: 79.

Rhachiocrema as junior synonym of *Crematogaster*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 125; Tang, J., Li, *et al.* 1995: 64.

Rhachiocrema as subgenus of *Crematogaster*: Mann, 1919: 318; Wheeler, W.M. 1922a: 662; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 240.

Rhachiocrema as junior synonym of *Crematogaster (Orthocrema)*: Blaimer, 2012c: 52.

[Note: world list of species in former subgenus *C. (Rhachiocrema)*: Bolton, 1995b: 166.]

RHINOMYRMEX [subgenus of *Camponotus*]

Rhinomyrmex Forel, 1886f: 192. Type-species: *Rhinomyrmex klaesii* Forel, 1886f: 193, by monotypy.

Taxonomic history

Rhinomyrmex in Camponotinae: Forel, 1886f: 192 [Camponotii]; Dalla Torre, 1893: 219 [Camponotinae].

Rhinomyrmex in Camponotinae, Camponotini: Forel, 1893a: 165; Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144.

Rhinomyrmex as genus: Forel, 1886f: 192; Forel, 1893a: 165; Dalla Torre, 1893: 219; Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144.

Rhinomyrmex as subgenus of *Camponotus*: Emery, 1896d: 374; Forel, 1914a: 264; Forel, 1917: 251; Emery, 1920b: 247; Wheeler, W.M. 1922a: 708; Emery, 1925b: 142; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 113.

Rhinomyrmex references: included under *Camponotus*.

[Note: world list of species in *C. (Rhinomyrmex)*: Forel, 1914a: 273; Emery, 1920b: 259; Emery, 1925b: 142; Bolton, 1995b: 131.]

RHIZOMYRMA [junior synonym of *Acropyga*]

Rhizomyrma Forel, 1893g: 347 [as subgenus of *Acropyga*]. Type-species: *Acropyga (Rhizomyrma) goeldii* Forel, 1893g: 348 (footnote), by subsequent designation of Wheeler, W.M. 1911f: 172.

Taxonomic history

Rhizomyrma in Camponotinae, Plagiolepidini: Forel, 1893g: 347; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Forel, 1917: 249.

Rhizomyrma in Formicinae, Plagiolepidini: Wheeler, W.M. 1922a: 695.

Rhizomyrma as genus: Emery, 1906c: 182; Forel, 1912i: 89; Wheeler, W.M. 1910g: 143; Bruch, 1914: 227; Wheeler, W.M. & Mann, 1914: 46; Forel, 1917: 249; Wheeler, W.M. 1922a: 695; Kusnezov, 1956: 33; Kusnezov, 1964: 68.

Rhizomyrma as subgenus of *Acropyga*: Forel, 1893g: 347; Forel, 1912m: 771; Emery, 1925b: 29; subsequent authors; Kempf, 1972a: 17; Bolton, 1994: 51; Bolton, 1995b: 45; Bolton, 2003: 95.

Rhizomyrma as junior synonym of *Acropyga*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1423; Hölldobler & Wilson, 1990: 18; LaPolla, 2004a: 16.

[Note: world list of species in former subgenus A. (*Rhizomyrma*): Emery, 1925b: 29; Bolton, 1995b: 58.]

RHOGMUS [junior synonym of *Dorylus*]

Rhogmus Shuckard, 1840c: 323. Type-species: *Rhogmus fimbriatus* Shuckard, 1840c: 325, by original designation.

Taxonomic history

Rhogmus in Dorylidae: Shuckard, 1840c: 323; Smith, F. 1859b: 4.

Rhogmus in Dorylinae: Mayr, 1865: 17 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae]; Dalla Torre, 1893: 8 [Dorylinae].

Rhogmus in Dorylidae, Dorylinae, Dorylini: Ashmead, 1905b: 381; Ashmead, 1906: 26.

Rhogmus in Dorylinae, Dorylini: Forel, 1893a: 163; Emery, 1910b: 13.

Rhogmus as genus: Shuckard, 1840c: 323; Mayr, 1863: 453; Roger, 1863b: 42; Mayr, 1865: 17; Dalla Torre, 1893: 8; Forel, 1893a: 163; Ashmead, 1905b: 381; Ashmead, 1906: 26.

Rhogmus as subgenus of *Dorylus*: Emery, 1895j: 702; Emery, 1910b: 13; Wheeler, W.M. 1910g: 137; Santschi, 1914b: 65; Arnold, 1915: 129; Forel, 1917: 239; Wheeler, W.M. 1922a: 634; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 149.

Rhogmus as junior synonym of *Dorylus*: Brown, 1973b: 184 [provisional]; Hölldobler & Wilson, 1990: 11; Tang, J., Li, et al. 1995: 43; Borowiec, M.L. 2016: 112.

[Note: world list of species in former subgenus D. (*Rhogmus*): Emery, 1910b: 13; Bolton, 1995b: 181.]

RHOPALOMASTIX [Myrmicinae: Crematogastrini]

Rhopalomastix Forel, 1900a: 24. Type-species: *Rhopalomastix rothneyi* Forel, 1900a: 24, by monotypy.

Taxonomic history

Rhopalomastix in Myrmicinae, Solenopsidini: Wheeler, W.M. 1910g: 140.

Rhopalomastix in Myrmicinae, Melisotarsini: Emery, 1914a: 40; Forel, 1917: 242; Emery, 1922e: 118; Wheeler, W.M. 1922a: 661; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 73, 258.

Rhopalomastix in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Carebara* genus group: Blaimer, *et al.* 2018: 7.

Rhopalomastix as genus: all authors.

Rhopalomastix catalogues: Emery, 1922e: 118; Chapman & Capco, 1951: 111 (Asia); Taylor & Brown, 1985: 86 (Australia); Taylor, 1987a: 66 (Australia); Bolton, 1995b: 377.

Rhopalomastix references: Forel, 1911i: 216 (diagnosis); Emery, 1922e: 118 (diagnosis); Wheeler, W.M. 1929d: 95 (review of genus); Xu, 1999: 130 (China species key); Shattuck, 1999: 161 (Australia synopsis); Eguchi, *et al.* 2011: 27 (diagnosis, Vietnam synopsis); Wang, W.Y. *et al.* 2018: 308 (Southeast Asia species key).

*RHOPALOMYRMEX [junior synonym of *Plagiolepis*]

**Rhopalomyrmex* Mayr, 1868b: 41. Type-species: **Rhopalomyrmex pygmaeus* Mayr, 1868b: 42 (junior synonym of **Plagiolepis kuenowi* Mayr, 1868b: 39), by monotypy.

Taxonomic history

**Rhopalomyrmex* in Formicinae: Mayr, 1868b: 41 [Formicidae].

**Rhopalomyrmex* in Camponotinae: Forel, 1878: 376 [Camponotidae]; Dalla Torre, 1893: 175 [Camponotinae].

**Rhopalomyrmex* in Camponotinae, Myrmelachistini: Forel, 1912i: 89.

**Rhopalomyrmex* in Camponotinae, Plagiolepidini: Wheeler, W.M. 1910g: 143; Wheeler, W.M. 1915h: 103.

**Rhopalomyrmex* in Formicinae, Plagiolepidini: Donisthorpe, 1943g: 724; Bolton, 1994: 51; Bolton, 1995b: 45.

**Rhopalomyrmex* as genus: Forel, 1878: 376; Dalla Torre, 1893: 175; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 45.

**Rhopalomyrmex* as junior synonym of *Plagiolepis*: Dlussky, 1997: 624; Bolton, 2003: 105.

RHOPALOPONE [junior synonym of *Gnamptogenys*]

Rhopalopone Emery, 1897d: 549. Type-species: *Rhopalopone epinotalis* Emery, 1897d: 550, by monotypy.

Taxonomic history

Rhopalopone in Ponerinae, Ponerini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135.

Rhopalopone in Ponerinae, Ectatommini: Emery, 1911d: 34 [subtribe Typhlomyrmecini]; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; subsequent authors.

Rhopalopone as genus: Emery, 1911d: 34; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; Borgmeier, 1923: 54; Donisthorpe, 1943g: 724.

Rhopalopone as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; Kempf, 1972a: 111; Smith, D.R. 1979: 1337; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 45; Bolton, 2003: 174.

RHOPALOTHRIX [Myrmicinae: Attini]

Rhopalothrix Mayr, 1870a: 415. Type-species: *Rhopalothrix ciliata* Mayr, 1870a: 415, by subsequent designation of Wheeler, W.M. 1911f: 172.

Taxonomic history

Rhopalothrix in Myrmicidae, Cryptoceridae: Emery, 1877a: 81.
Rhopalothrix in Myrmicinae: Dalla Torre, 1893: 145 [Myrmicinae].
Rhopalothrix in Cryptoceridae, Dacetini: Ashmead, 1905b: 384 [Dacetonini].
Rhopalothrix in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 133; Emery, 1895j: 770; Emery, 1896e: 181; Forel, 1899c: 41; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 328; Donisthorpe, 1943g: 724; Brown, 1948e: 102; Chapman & Capco, 1951: 105; Baroni Urbani & De Andrade, 1994: 32; Baroni Urbani & De Andrade, 2007: 88.

Rhopalothrix in Myrmicinae, Basicerotini: Brown, 1949f: 92; Brown & Kempf, 1960: 230; Kempf, 1972a: 226; Taylor, 1990b: 397; Bolton, 1994: 105; Bolton, 1995b: 45; Bolton, 1998: 67; Fernández, 2003d: 314; Bolton, 2003: 54, 185.

Rhopalothrix in Myrmicinae, Attini: Ward, *et al.* 2015: 77.

Rhopalothrix as junior synonym of *Basiceros*: Baroni Urbani & De Andrade, 2007: 88 (error).

[Note: Baroni Urbani & De Andrade, 2007: 88, give *Basiceros* as senior synonym, but *Rhopalothrix* has priority.]

Rhopalothrix as genus: all authors except Baroni Urbani & De Andrade, 2007: 88 (error).

Rhopalothrix as senior synonym of *Acanthidris*: Brown & Kempf, 1960: 230; Kempf, 1972a: 226; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 45; Bolton, 2003: 185.

Rhopalothrix as senior synonym of *Heptastruma*: Brown & Kempf, 1960: 230; Kempf, 1972a: 226; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 45; Bolton, 2003: 185.

[**RHOPALOTRIX**: incorrect subsequent spelling by Luederwaldt, 1918: 40.]

Rhopalothrix catalogues: Dalla Torre, 1893: 145; Emery, 1924d: 328; Chapman & Capco, 1951: 105 (Asia); Brown, 1949f: 93; Kempf, 1972a: 226 (Neotropical); Taylor & Brown, 1985: 86 (Australia); Taylor, 1987a: 66 (Australia); Bolton, 1995b: 377.

Rhopalothrix references: Emery, 1894c: 216 (Neotropical species key); Mann, 1919: 360 (Papuan species key); Emery, 1924d: 328 (diagnosis); Brown & Kempf, 1960: 230, 247 (diagnosis, **all species revision, key**); Taylor 1968b: 334 (**Indo-Australian species key**); Taylor, 1990b: 401 (**Old World species key**); Shattuck, 1999: 162 (Australia synopsis); Ward, *et al.* 2015: 77; Longino & Boudinot, 2013: 307 (Central America species key); Baccaro, *et al.* 2015: 256 (genus in Brazil); Fernández & Serna, 2019: 870 (Colombia species).

RHOPTROMYRMEX [junior synonym of *Tetramorium*]

Rhopromyrmex Mayr, 1901b: 18. Type-species: *Rhopromyrmex globulinodis* Mayr, 1901b: 20, by subsequent designation of Wheeler, W.M. 1911f: 172.

Taxonomic history

Rhopromyrmex in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Rhopromyrmex in Myrmicinae, Tetramoriini: Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 245; Arnold, 1917: 351; Wheeler, W.M. 1922a: 664; Emery, 1924d: 289; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 63, 225.

Rhopromyrmex as genus: Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Emery, 1915i: 191; Forel, 1917: 245; Arnold, 1917: 351; Wheeler, W.M. 1922a: 664; Emery, 1924d: 290; Donisthorpe, 1943f: 619; Brown, 1964c: 11; Bolton, 1973a: 355; Bolton, 1976: 298; Bolton, 1986a: 2; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 45; Bolton, 2003: 63, 225; Eguchi, *et al.* 2011: 28.

Rhopromyrmex as junior synonym of *Tetramorium*: Ward, *et al.* 2015: 75.

[**RHOPTHROMYRMEX**: incorrect subsequent spelling by Forel, 1917: 245, Chapman & Capco, 1951: 174.]

RHYTIDOPONERA [Ectatomminae: Ectatommini]

Rhytidoponera Mayr, 1862: 731 [as subgenus of *Ectatomma*]. Type-species: *Ponera araneoides* Le Guillou, 1842: 317, by subsequent designation of Emery, 1911d: 37.

Taxonomic history

[Type-species not *Ponera metallica* Smith, F. 1858b: 94, unjustified subsequent designation by Wheeler, W.M. 1911f: 172; discussed by Emery, 1912d: 271, Wheeler, W.M. 1913a: 79.]

Rhytidoponera in Ponerinae: Mayr, 1862: 731 [Poneridae]; Dalla Torre, 1893: 23 [Ponerinae].

Rhytidoponera in Pachycondylinae, Ectatommini: Ashmead, 1905b: 382.

Rhytidoponera incertae sedis in Ponerinae: Viana & Haedo Rossi, 1957: 109.

Rhytidoponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 26; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; subsequent authors; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 45.

Rhytidoponera in Ectatomminae, Ectatommini: Bolton, 2003: 46, 175; Feitosa & Prada-Achiardi, 2019: 659.

Rhytidoponera as junior synonym of *Ectatomma*: Roger, 1863b: 17.

Rhytidoponera as subgenus of *Ectatomma*: Mayr, 1862: 731; Mayr, 1863: 453; Mayr, 1867a: 88; Mayr, 1887: 539; Forel, 1892c: 334; Dalla Torre, 1893: 23; Emery, 1895j: 767; Forel, 1906b: 86; Forel, 1907h: 268; Forel, 1910b: 10; Wheeler, W.M. 1910g: 135; Wheeler, W.M. 1911f: 172.

Rhytidoponera as genus: Emery, 1897d: 547; Ashmead, 1905b: 382; Emery, 1911d: 36; Emery, 1912a: 77; Wheeler, W.M. 1913a: 79; Forel, 1915b: 14; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; Donisthorpe, 1943g: 724; Brown, 1953c: 2; Brown, 1958g: 198; subsequent authors; Bolton, 1995b: 45; Bolton, 2003: 46, 175.

Rhytidoponera as senior synonym of *Chalcoponera*: Brown, 1953c: 2; Brown, 1958g: 198; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 45; Bolton, 2003: 175.

[*RYHTIDOPONERA*: incorrect subsequent spelling by Forel, 1892c: 334.]

[*RITIDOPONERA*: incorrect subsequent spelling by Santschi, 1932b: 11.]

Rhytidoponera catalogues: Dalla Torre, 1893: 23 (as part of *Ectatomma*); Emery, 1911d: 37, 38 (*R. (Rhytidoponera)*, *R. (Chalcoponera)*); Chapman & Capco, 1951: 25, 27 (Asia *Chalcoponera*, *Rhytidoponera*); Taylor & Brown, 1985: 40 (Australia); Taylor, 1987a: 67 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 378.

Rhytidoponera references: Mayr, 1867a: 88 (diagnosis); Mayr, 1876: 90 (Australia species key (as *Ectatomma*)); Mayr, 1887: 539 (diagnosis); Emery, 1911d: 36 (diagnosis); Emery, 1912a: 77 (*R. metallica* group revision, key); Clark, 1936: 16 (Australia species key); Brown, 1954g: 2 (*R. impressa* & *R. metallica* groups, species); Brown, 1958g: 197, 288 (review of genus, New Caledonia species key); Wilson, 1958d: 304 (Melanesia & Moluccas species key); Ward, 1980: 478 (Australia & New Guinea *R. impressa* group, key); Ward, 1984: 135 (New Caledonia species key); Bolton, 1995a: 1052 (census); Shattuck, 1999: 204 (Australia synopsis); Andersen, 2007: 41 (Australia species groups); Heterick, 2009: 137 (south-western Australia species key).

ROGERIA [Myrmicinae: Solenopsidini]

Rogeria Emery, 1894c: 188. Type-species: *Rogeria curvipubens* Emery, 1894c: 190, by subsequent designation of Wheeler, W.M. 1911f: 172.

Taxonomic history

Rogeria in Myrmicinae: Emery, 1896e: 185 [Myrmicinae].

Rogeria in Myrmicinae, Myrmicini: Emery, 1895j: 769; Forel, 1899c: 53; Wheeler, W.M. 1910g: 139; Kusnezov, 1958a: 44; Kusnezov, 1964: 57.

Rogeria in Myrmicinae, Tetramoriini: Ashmead, 1905b: 383.

Rogeria in Myrmicinae, Leptocephalacini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 266; Donisthorpe, 1943g: 724; Chapman & Capco, 1951: 111; Kempf, 1972a: 227; Smith, D.R. 1979: 1391; Dlussky & Fedoseeva, 1988: 79; Brandão, 1991: 377; Jaffe, 1993: 11; Kugler, C. 1994: 24.

Rogeria in Myrmicinae, Pheidolini: Hölldobler & Wilson, 1990: 16.

Rogeria in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 45; Bolton, 2003: 59, 204.

Rogeria in Myrmicinae, Solenopsidini: Ward, *et al.* 2015: 77.

Rogeria as genus: all authors.

Rogeria as senior synonym of *Irogeria*: Kempf, 1965: 185; Kempf, 1972a: 227; Smith, D.R. 1979: 1391; Hölldobler & Wilson, 1990: 15; Kugler, C. 1994: 23; Bolton, 1995b: 45; Bolton, 2003: 204.

Rogeria catalogues: Emery, 1924d: 266; Chapman & Capco, 1951: 111 (Asia); Kempf, 1972a: 227 (Neotropical); Smith, D.R. 1979: 1391 (North America); Taylor, 1987a: 72 (New Caledonia); Brandão, 1991: 377 (Neotropical); Bolton, 1995b: 381.

Rogeria references: Mann, 1921: 456 (Melanesia species key); Wheeler, W.M. 1922a: 677 (subgenera key); Emery, 1924d: 266 (diagnosis); Kempf, 1963a: 195 (**Neotropical species key**); Kempf, 1964e: 66 (**Irogeria species key**); Kugler, C. 1994: 17 (diagnosis, **all species revision, key**); LaPolla & Sosa-Calvo, 2006: 67 (Guyana species key); Heterick, 2009: 175 (south-western Australia species key); Baccaro, *et al.* 2015: 298 (genus in Brazil); Fernández & Serna, 2019: 810 (Colombia species key).

***ROMBONELLA* [Myrmicinae: Crematogastrini]**

Romblonella Wheeler, W.M. 1935a: 5. Type-species: *Romblonella grandinodis* Wheeler, W.M. 1935a: 7 (junior synonym of *Myrmica opaca* Smith, F. 1861b: 47), by original designation.

Taxonomic history

Romblonella in Myrmicinae, Meranoplini: Wheeler, W.M. 1935a: 6 (in key); subsequent authors; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16.

Romblonella in Myrmicinae, Myrmecinini: Smith, M.R. 1953f: 163.

Romblonella in Myrmicinae, Leptocephalacini: Taylor, 1991a: 294.

Romblonella in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 45; Bolton, 2003: 70, 251.

Romblonella in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Paratopula* genus group: Blaimer, *et al.* 2018: 7.

Romblonella as genus: all authors.

Romblonella catalogues: Chapman & Capco, 1951: 114 (Asia); Bolton, 1995b: 381.

Romblonella references: Smith, M.R. 1953a: 76 (diagnosis, **all species revision, key**); Taylor, 1991a: 283 (review of genus, partial key); Shattuck, 1999: 164 (Australia synopsis); General, 2016b: 118 (**all species key**).

***ROSSOMYRMEX* [Formicinae: Formicini]**

Rossomyrmex Arnol'di, 1928c: 299. Type-species: *Rossomyrmex proformicarum* Arnol'di, 1928c: 300, by original designation.

Taxonomic history

Rossomyrmex in Formicinae, Formicini + Lasiini: Hölldobler & Wilson, 1990: 18.

Rossomyrmex in Formicinae, *Formica* genus group: Agosti, 1991: 295.

Rossomyrmex in Formicinae, Formicini: Donisthorpe, 1943g: 725; Agosti, 1994a: 112; Bolton, 1995b: 45; Bolton, 2003: 28, 130; Ward, Blaimer & Fisher, 2016: 346.

Rossomyrmex as genus: all authors.

[Note: *Rossomyrmex* incorrectly given as a junior synonym of *Pseudolasius* by Tang, J., Li, et al. 1995: 111.]

[*ROSSMYRMEX*: incorrect subsequent spelling by Tang, J., Li, et al. 1995: 111.]

Rossomyrmex catalogue: Bolton, 1995b: 382.

Rossomyrmex references: Agosti, 1994a: 112 (diagnosis, review of genus); Tinaut, 2007: 136 (discussion of species).

ROSTROMYRMEX [Myrmicinae: Crematogastrini]

Rostromyrmex Rosciszewski, 1994: 160. Type-species: *Rostromyrmex pasohensis* Rosciszewski, 1994: 163, by original designation.

Taxonomic history

Rostromyrmex incertae sedis in Myrmicinae: Rosciszewski, 1994: 167.

Rostromyrmex in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 45, 382; Bolton, 2003: 59, 205.

Rostromyrmex in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77.

Rostromyrmex as genus: all authors.

ROASTRUMA [Myrmicinae: Crematogastrini]

Rotastruma Bolton, 1991: 8. Type-species: *Rotastruma recava* Bolton, 1991: 9, by original designation.

Taxonomic history

Rotastruma in Myrmicinae, Leptothoracini: Bolton, 1991: 8.

Rotastruma in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 45; Bolton, 2003: 70, 252.

Rotastruma in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77; in Crematogastrini, *Paratopula* genus group: Blaimer, et al. 2018: 7.

Rotastruma as genus: all authors.

Rotastruma catalogues: Bolton, 1995b: 382.

Rotastruma references: Bolton, 1991: 8 (all species key).

ROYIDRIS [Myrmicinae: Crematogastrini]

Royidris Bolton & Fisher, 2014: 39. Type-species: *Monomorium robertsoni* Heterick, 2006: 93, by original designation.

Taxonomic history

Royidris in Myrmicinae, *Eutetramorium* genus group: Bolton & Fisher, 2014: 8.

Royidris in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77; in Crematogastrini, *Podomyrma* genus group: Blaimer, et al. 2018: 7.

Royidris as genus: all authors.

Royidris references: Bolton & Fisher, 2014: 42 (all species key); Fisher & Bolton, 2016: 398 (diagnosis, checklist).

SALTATORIA [unavailable name]

Saltatoria Clark, 1925b: 140 [as “division” of *Myrmecia*]. Unavailable name.

Taxonomic history

Unavailable name (proposed without designation of type-species).

[Note: it is apparent from Clark, 1925b: 140, that *Saltatoria* includes exactly the same taxa as the old *Myrmecia* (*Promyrmecia*), back when the genus was subdivided into several subgenera. According to Clark, “*Saltatoria* contains *M. (P.) aberrans*, *pilosula*, *mandibularis*, and their allies”.]

SALTICOMORPHA [*Nomen nudum*]

Salticomorpha Motschoulsky, 1855: 10. *Nomen nudum*. Type-species: *Salticomorpha nigra* Motschoulsky, 1855: 10. *Nomen nudum*.

SANTSCHIA [junior synonym of *Monomorium*]

Santschia Forel, 1906a: 65 (in text). Type-species: *Santschia intrudens* Forel, 1906a: 65.

[Note: automatic absolute junior synonym of *Wheeleria santschii* Forel, 1905b: 171, as both names are based on the same type-material.]

Taxonomic history

[First replacement name for *Wheeleria* Forel, 1905b: 171; junior homonym of *Wheeleria* Tutt, 1905: 37 (Lepidoptera).]

[Note: Forel, 1906a: 64, writes, “je me réserve, au cas où le nom de *Wheeleria* aurait été déjà employé de donner celui de *Santschia intrudens* à la Fourmi parasite découverte par M. Santschi.” A unique case because while the genus-group name *Wheeleria* Forel, 1905b: 171 is a junior homonym, its species-group name *santschii* is not. Therefore *Santschia* becomes the first replacement name for *Wheeleria*, while *intrudens* becomes an absolute junior synonym of *santschii*.]

Santschia as junior synonym of *Monomorium*: syn. n. (not previously recorded).

SANTSCHIELLA [Formicinae: Santschiellini]

Santschiella Forel, 1916: 434. Type-species: *Santschiella kohli* Forel, 1916: 435, by monotypy.

Taxonomic history

Santschiella in Camponotinae, Santschiellini: Forel, 1917: 232.

Santschiella in Formicinae, Gesomyrmecini: Bolton, 2003: 24, 109.

Santschiella in Formicinae, Santschiellini: Wheeler, W.M. 1922a: 694, 928; Emery, 1925b: 48; subsequent authors; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 45; Ward, Blaimer & Fisher, 2016: 349.

Santschiella as genus: all authors.

Santschiella catalogues: Emery, 1925b: 48; Bolton, 1995b: 382; Fisher & Bolton, 2016: 402 (checklist).

Santschiella references: Emery, 1925b: 48 (diagnosis); Fisher & Bolton, 2016: 400 (diagnosis).

SAVIGNYI [*Nomen nudum*]

Savignyi Sharaf & Aldawood, in El-Hawagry, et al. 2013: 67 (in list). *Nomen nudum*.

[Note: entry in list as *Savignyi savignyi*, in error for *Cataglyphis savignyi* (Dufour, 1862: 141).]

SCHIZOPELTA [junior synonym of *Monomorium*]

Schizopelta McAreavey, 1949: 14. Type-species: *Schizopelta falcata* McAreavey, 1949: 15, by original designation.

Taxonomic history

Schizopelta as junior synonym of *Monomorium*: Bolton, 1987: 288, 300; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 105; Bolton, 1995b: 45; Tang, J., Li, *et al.* 1995: 68; Bolton, 2003: 213.

Schizopelta as junior synonym of *Chelaner*: Ettershank, 1966: 93; Sparks, *et al.* 2019: 232..

SCROBOPHEIDOLE [junior synonym of *Pheidole*]

Scrobopheidole Emery, 1915i: 190 [as subgenus of *Pheidole*]. Type-species: *Pheidole scrobifera* Emery, 1896g: 73, by monotypy.

Taxonomic history

Scrobopheidole as subgenus of *Pheidole*: Forel, 1917: 241; Emery, 1922e: 112; Wheeler, W.M. 1922a: 673; subsequent authors; Kempf, 1972a: 205.

Scrobopheidole as junior synonym of *Pheidole*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 89; Bolton, 1995b: 45; Tang, J., Li, *et al.* 1995: 54; Bolton, 2003: 234; Wilson, 2003: 6.

SCYPHODON [Leptanillinae: Lepanillini]

Scyphodon Brues, 1925: 93. Type-species: *Scyphodon anomalum* Brues, 1925: 95, by original designation.

Taxonomic history

Scyphodon incertae sedis in Formicidae: Wheeler, G.C. & Wheeler, J. 1985: 259.

Scyphodon incertae sedis in Hymenoptera, Aculeata: Ogata, *et al.* 1995: 33; Bolton, 2003: 264.

Scyphodon in Leptanillinae: Petersen, 1968: 591; Baroni Urbani, 1977c: 482; Dlussky & Fedoseeva, 1988: 79; Bolton, 1990b: 277; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 1995b: 46, 382; Boudinot, 2015: 32.

Scyphodon as genus: all authors.

Scyphodon references: Petersen, 1968: 591 (review of genus); Baroni Urbani, 1977c: 482 (review of genus); Ogata, *et al.* 1995: 33 (review of genus).

SECOSTRUMA [Myrmicinae: Crematogastrini]

Secostruma Bolton, 1988c: 264. Type-species: *Secostruma lethifera* Bolton, 1988c: 265, by original designation.

Taxonomic history

Secostruma in Myrmicinae, Tetramoriini: Bolton, 1988c: 264; Bolton, 1994: 106; Bolton, 1995b: 46, 382.

Secostruma in Myrmicinae, Myrmicini: Bolton, 2003: 62, 224.

Secostruma in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77.

Secostruma as genus: all authors.

SELENOPONE [junior synonym of *Ponera*]

Selenopone Wheeler, W.M. 1933g: 19. Type-species: *Ponera selenophora* Emery, 1900c: 317, by original designation.

Taxonomic history

Selenopone in Ponerinae, Ponerini: Donisthorpe, 1943g: 725.

Selenopone as genus: Donisthorpe, 1943g: 725.

Selenopone as junior synonym of *Ponera*: Wilson, 1957b: 356; Smith, D.R. 1979: 1341; Ogata, 1987: 120; Hölldobler & Wilson, 1990: 11; Bolton, 1995b: 46; Bolton, 2003: 170; Schmidt, C.A. & Shattuck, 2014: 200.

***SEMONIUS* [junior synonym of *Tapinoma*]**

Semonius Forel, 1910f: 21. Type-species: *Semonius schultzei* Forel, 1910f: 21, by monotypy.

Taxonomic history

Semonius in Dolichoderinae: Wheeler, W.M. 1910g: 142.

Semonius in Dolichoderinae, Tapinomini: Emery, 1913a: 44; Santschi, 1914b: 120; Arnold, 1915: 157; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; subsequent authors; Hölldobler & Wilson, 1990: 17.

Semonius as genus: Wheeler, W.M. 1910g: 142; Emery, 1913a: 44; Arnold, 1915: 157; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; Donisthorpe, 1943g: 725; Hölldobler & Wilson, 1990: 17.

Semonius as junior synonym of *Tapinoma*: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 46; Bolton, 2003: 91; Fisher & Bolton, 2007: 66.

***SERICOMYRMEX* [Myrmicinae: Attini]**

Sericomyrmex Mayr, 1865: 18. Type-species: *Sericomyrmex opacus* Mayr, 1865: 84, by monotypy.

Taxonomic history

Sericomyrmex in Myrmicidae, Attidae: Emery, 1877a: 81.

Sericomyrmex in Myrmicinae: Mayr, 1865: 18 [Myrmicidae]; Dalla Torre, 1893: 150 [Myrmicinae].

Sericomyrmex in Cryptoceridae, Attinae: Ashmead, 1905b: 383.

Sericomyrmex in Myrmicinae, Attini: Forel, 1893a: 164; Emery, 1895j: 770; Emery, 1896e: 181; Forel, 1899c: 37; Wheeler, W.M. 1910g: 141; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 338; subsequent authors; Bolton, 1995b: 46; Bolton, 2003: 57, 200; Ward, *et al.* 2015: 77.

Sericomyrmex as genus: all authors.

***Sericomyrmex* catalogues:** Dalla Torre, 1893: 150; Emery, 1924d: 338; Kempf, 1972a: 229; Bolton, 1995b: 382 (catalogue).

***Sericomyrmex* references:** Forel, 1912e: 191 (all species key); Wheeler, W.M. 1916c: 10 (**all species key**); Emery, 1924d: 338 (diagnosis); Baccaro, *et al.* 2015: 258 (genus in Brazil); Ješovník & Schultz, 2017: 32 (**all species revision, key**); Fernández & Serna, 2019: 873 (Colombia species key).

***SERRASTRUMA* [junior synonym of *Strumigenys*]**

Serrastruma Brown, 1948e: 107 [as subgenus of *Smithistruma*]. Type-species: *Strumigenys simoni* Emery, 1895h: 42, by original designation.

Taxonomic history

Serrastruma in Myrmicinae, Dacetini, Strumigeniti: Brown, 1954b: 465; Brown & Wilson, 1959b: 283.

Serrastruma in Myrmicinae, Dacetini: Brown, 1948e: 107; Bolton, 1983: 335; Hölldobler & Wilson, 1990: 15; Bolton, 1994: 105; Bolton, 1995b: 46.

Serrastruma as genus: Brown, 1949d: 6; Brown, 1952e: 70; Brown, 1954b: 465; Brown & Wilson, 1959b: 283; Bolton, 1973a: 344; Bolton, 1983: 335; Hölldobler & Wilson, 1990: 15; Bolton, 1994: 105; Bolton, 1995b: 46.

Serrastruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91; Bolton, 2003: 190.

Serrastruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 102.

SERVIFORMICA [junior synonym of *Formica*]

Serviformica Forel, 1913i: 361 [as subgenus of *Formica*]. Type-species: *Formica fusca* Linnaeus, 1758: 580, by original designation.

Taxonomic history

Serviformica as subgenus of *Formica*: Forel, 1913i: 361; Emery, 1916b: 254; Forel, 1917: 250; Emery, 1925b: 245; Donisthorpe, 1943g: 725.

Serviformica as junior synonym of *Formica*: Wheeler, W.M. 1922a: 699 (footnote); Smith, M.R. 1951a: 860; Francoeur, 1973: 34; Smith, D.R. 1979: 1448; Agosti, 1994a: 106; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 103; Bolton, 2003: 128.

[Note: although paraphyletic many authors retain *Serviformica* as a subgenus of *Formica*; the name is often encountered in the regional literature.]

**SHANWANGELLA* [junior synonym of *Camponotus*]

**Shanwangella* Zhang, J. 1989: 307. Type-species: **Shanwangella palaeoptera* Zhang, J. 1989: 308, by original designation.

Taxonomic history

**Shanwangella* as junior synonym of *Camponotus*: Hong & Wu, 2000: 20; Bolton, 2003: 112.

SHUCKARDIA [junior synonym of *Dorylus*]

Shuckardia Emery, 1895j: 703 [as subgenus of *Dorylus*]. Type-species: *Dorylus atriceps* Shuckard, 1840c: 323, by original designation.

Taxonomic history

[Type-species not *Alaopone abeillei* André, 1886: 855, unjustified subsequent designation by Ashmead, 1906: 27.]

Shuckardia in Dorylidae, Dorylinae, Dorylini: Ashmead, 1905b: 381; Ashmead, 1906: 27.

Shuckardia as genus: Ashmead, 1905b: 381; Ashmead, 1906: 27.

Shuckardia as subgenus of *Dorylus*: Emery, 1895j: 703; Wheeler, W.M. 1910g: 137.

Shuckardia as junior synonym of *Alaopone*: Emery, 1910b: 14; Donisthorpe, 1943g: 725; Bolton, 1995b: 46; Bolton, 2003: 150.

Shuckardia as junior synonym of *Dorylus*: Bolton, 1973a: 357; Hölldobler & Wilson, 1990: 11; Tang, J., Li, et al. 1995: 43; Borowiec, M.L. 2016: 112.

**SICELOMYRMEX* [Formicinae: Gesomyrmecini]

**Sicelomyrmex* Wheeler, W.M. 1915h: 111. Type-species: **Gesomyrmex corniger* Emery, 1891a: 155, by original designation.

Taxonomic history

[**Sicelomyrmex*: Brown & Carpenter, 1979: 423 (emendation of spelling).]

[Note: the emendation of spelling to **Sicelomyrmex* proposed by Brown & Carpenter, 1979: 423, may be unnecessary. In various publications Wheeler uses both *Sicelomyrmex* and *Sicelomyrmex*, with the former being the

original, and also the one he used in his 1929a review of the group. It may be that the genus was originally named for the Sicels (one of the original tribes of Sicily), rather than after the island itself. In consequence the maintenance of the original orthography is recommended here.]

**Sicelomyrmex* in Camponotinae, Gesomyrmecini: Wheeler, W.M. 1915h: 111.

**Sicelomyrmex* in Formicinae, *Sicelomyrmecini: Wheeler, W.M. 1929a: 12; Brown & Carpenter, 1979: 423; Bolton, 1994: 51; Bolton, 1995b: 46.

**Sicelomyrmex* in Formicinae, Gesomyrmecini: Donisthorpe, 1943g: 725; Dlussky & Fedoseeva, 1988: 77; Hölldobler & Wilson, 1990: 17; Bolton, 2003: 24, 109; Ward, Blaimer & Fisher, 2016: 347.

**Sicelomyrmex* as genus: all authors.

**Sicelomyrmex* catalogue: Bolton, 1995b: 383.

**Sicelomyrmex* references: Brown & Carpenter, 1979: 423 (review of genus).

SIFOLINIA [junior synonym of *Myrmica*]

Sifolinia Emery, 1907: 49. Type-species: *Sifolinia laurae* Emery, 1907: 49, by monotypy.

Taxonomic history

Sifolinia in Myrmicinae, Pheidolini: Emery, 1914a: 40; Emery, 1916b: 150; Forel, 1917: 241; Emery, 1922e: 117; Wheeler, W.M. 1922a: 661.

Sifolinia in Myrmicini: Wheeler, W.M. 1910g: 139; Collingwood, 1979: 58; Dlussky & Fedoseeva, 1988: 79.

Sifolinia as genus: Wheeler, W.M. 1910g: 139; Emery, 1914a: 40; Emery, 1916b: 150; Forel, 1917: 241; Emery, 1922e: 117; Wheeler, W.M. 1922a: 661; Donisthorpe, 1943g: 726; Collingwood, 1979: 58; Dlussky & Fedoseeva, 1988: 79.

Sifolinia as synonym of *Symbiomyrma*: Samšiňák, 1964: 156.

[Note: Samšiňák gives *Sifolinia* as senior synonym, but *Symbiomyrma* has priority.]

Sifolinia as junior synonym of *Myrmica*: Brown, 1973b: 184 [provisional]; Bolton, 1988a: 3; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 75; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 48; Bolton, 2003: 221; Radchenko & Elmes, 2003a: 219; Radchenko & Elmes, 2010: 52.

SIMA [junior synonym of *Tetraponera*]

Sima Roger, 1863a: 178. Type-species: *Sima compressa* Roger, 1863a: 179 (junior synonym of *Pseudomyrma allaborans* Walker, 1859: 375), by monotypy.

Taxonomic history

[Type-species not *Eciton rufonigrum* Jerdon, 1851: 111, unjustified subsequent designation by Emery, 1915b: 266; repeated by Emery, 1917a: 95, Emery, 1921f: 22.]

Sima in Myrmicidae: Smith, F. 1871a: 328.

Sima in Myrmicidae, Myrmeciidae: Emery, 1877a: 81.

Sima in Myrmicinae: Mayr, 1865: 25 [Myrmicidae]; Mayr, 1866b: 906 [Myrmicidae]; Dalla Torre, 1893: 53 [Myrmicinae].

Sima in Myrmicidae, Pseudomyrmicinae: Ashmead, 1905b: 383.

Sima in Myrmicinae, Pseudomyrmini: Forel, 1893a: 164; Emery, 1895j: 768; Emery, 1896e: 179; Emery, 1914a: 40; Forel, 1917: 240; Wheeler, W.M. 1915h: 40; Arnold, 1916: 173; Emery, 1921f: 21.

Sima as genus: Mayr, 1863: 453; Roger, 1863a: 178; Roger, 1863b: 25; Mayr, 1865: 25; Mayr, 1868b: 100; Forel, 1891b: 202; Dalla Torre, 1893: 53; Mayr, 1895: 144; Emery, 1900d: 672; Bingham, 1903: 107; Forel, 1903a: 708; Ashmead, 1905b: 383; Emery, 1914a: 40;

Emery, 1915b: 266; Arnold, 1916: 173; Emery, 1917a: 95; Forel, 1917: 240; Emery, 1921f: 21; Santschi, 1935b: 266.

Sima as junior synonym of *Tetraponera*: Smith, F. 1877b: 68; Donisthorpe, 1916b: 244; Wheeler, W.M. 1920: 47; Wheeler, W.M. 1922a: 105 (in text); Donisthorpe, 1943g: 726; Bolton, 1973a: 358; Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 46; Bolton, 2003: 136.

SIMOPELTA [Ponerinae: Ponerini]

Simopelta Mann, 1922: 10 [as subgenus of *Belonopelta*]. Type-species: *Belonopelta jeckylli* Mann, 1916: 415, by original designation.

Taxonomic history

Simopelta in Ponerinae, Ponerini: Donisthorpe, 1943g: 726; subsequent authors; Bolton, 1995b: 46; Bolton, 2003: 44, 170; in Ponerini, *Pachycondyla* genus group: Schmidt, C.A. & Shattuck, 2014: 156.

Simopelta as subgenus of *Belonopelta*: Mann, 1922: 10; Donisthorpe, 1943g: 726.

Simopelta as junior synonym of *Belonopelta*: Baroni Urbani, 1975b: 296; Brandão, 1991: 330, 378.

Simopelta as genus: Wheeler, W.M. 1935d: 8; Gotwald & Brown, 1967: 261; Kempf, 1972a: 230; Hölldobler & Wilson, 1990: 11; Bolton, 1994: 164; Bolton, 1995b: 46; Bolton, 2003: 44, 170; Schmidt, C.A. & Shattuck, 2014: 156.

Simopelta catalogues: Kempf, 1972a: 230; Bolton, 1995b: 383; Schmidt, C.A. & Shattuck, 2014: 158 (species checklist).

Simopelta references: Wheeler, W.M. 1935d: 9 (all species key); Gotwald & Brown, 1967: 275 (diagnosis, **all species revision, key**); Baroni Urbani, 1975b: 298 (**all species key**); Bolton, 2003: 170 (synopsis); Mackay & Mackay, 2008: 202 (Colombia species key); Mackay & Mackay, 2008: 290 (**all species revision, key**); Schmidt, C.A. & Shattuck, 2014: 156 (diagnosis, synopsis); Baccaro, *et al.* 2015: 338 (genus in Brazil); Fernández & Guerrero, 2019: 545 (Colombia species key).

SIMOPONA: unjustified emendation of *Simopone*.

SIMOPONE [Dorylinae]

Simopone Forel, 1891b: 139. Type-species: *Simopone grandidieri* Forel, 1891b: 141, by monotypy.

Taxonomic history

Simopone in Ponerinae: Forel, 1891b: 139 [Poneridae]; Dalla Torre, 1893: 17 [Ponerinae].

Simopone in Dorylinae: Emery, 1896e: 175 [Dorylinae].

Simopone in Dorylinae, Cerapachyini: Emery, 1895j: 765.

Simopone in Dorylinae, Cylindromyrmeini: Emery, 1901a: 34;

Simopone in Ponerinae, Leptogenyini: Ashmead, 1905b: 382.

Simopone in Ponerinae, Cylindromyrmeini: Emery, 1911d: 15; Arnold, 1915: 20; Forel, 1917: 239; Wheeler, W.M. 1922a: 640; Donisthorpe, 1943g: 726; Chapman & Capco, 1951: 25; in Ponerinae, Cerapachyini: Forel, 1893a: 162; Wheeler, W.M. 1910g: 137 [subtribe Cylindromyrmeini]; Brown, 1975: 18; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Simopone in Cerapachyinae, Cerapachyini: Wheeler, W.M. 1902d: 185; Bolton, 1990a: 67; Bolton, 1990c: 1357; Bolton, 1994: 19; Bolton, 1995b: 46; Bolton, 2003: 34, 141; Bolton & Fisher, 2012: 8.

Simopone in Dorylinae: Brady, *et al.* 2014: 4 (in figure); Borowiec, M.L. 2016: 208.

Simopone as subgenus of *Cerapachys*: Forel, 1892l: 243 (in key).

Simopone as genus: Forel, 1891b: 139; Dalla Torre, 1893: 17; Emery, 1896e: 175; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 137; Emery, 1911d: 15; Donisthorpe, 1943g: 726; Bolton, 1973a: 341; Brown, 1975: 35; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 46; Bolton, 2003: 34, 141; Borowiec, M.L. 2016: 208.

[**SIMOPONA**: unjustified emendation of spelling by Schulz, W.A. 1906: 155.]

Simopone catalogues: Dalla Torre, 1893: 17; Emery, 1911d: 16; Wheeler, W.M. 1922a: 757, 1005 (Afrotropical, Malagasy); Chapman & Capco, 1951: 25 (Asia); Bolton, 1995b: 383; Borowiec, M.L. 2016: 213 (species checklist); Fisher & Bolton, 2016: 404 (Afrotropical, Malagasy checklist).

Simopone references: Emery, 1911d: 15 (diagnosis); Arnold, 1915: 20 (diagnosis); Brown, 1975: 35 (diagnosis, **Afrotropical species key**); Radchenko, 1993b: 47 (Indo-Australian species key); Bolton & Fisher, 2012: 8 (diagnosis, **all species revision; Afrotropical species key**: 15; **Malagasy species key**: 42; Oriental & Malesian species review: 70); Brady, *et al.* 2014: 4 (phylogeny); Eguchi, *et al.* 2014: 19 (diagnosis, Vietnam synopsis); Chen, Zhou & Liang, 2015: 9 (*S. grandidieri* group key); Borowiec, M.L. 2016: 208 (diagnosis); Fisher & Bolton, 2016: 402 (diagnosis).

***SINAPHAENOGASTER** [junior synonym of *Aphaenogaster*]

****Sinaphaenogaster*** Zhang, J. 1989: 266 [as subgenus of *Aphaenogaster*]. Type-species: **Paraphaenogaster shanwangense* Hong, 1984: 8, by original designation.

Taxonomic history

**Sinaphaenogaster* as junior synonym of *Aphaenogaster*: Bolton, 2003: 230, 273.

***SINOFORMICA** [*incertae sedis* in Formicinae]

****Sinoformica*** Hong, 2002: 619. Type-species: **Sinoformica longicapitata* Hong, 2002: 620, by original designation.

Taxonomic history

**Sinoformica* in Formicinae: Hong, 2002: 619.

**Sinoformica incertae sedis* in Formicinae: Ward, Blaimer & Fisher, 2016: 349.

***SINOMYRMEX** [*incertae sedis* in Myrmicinae]

****Sinomyrmex*** Hong, 2002: 546. Type-species: **Sinomyrmex brunnea* Hong, 2002: 547, by original designation.

Taxonomic history

**Sinomyrmex* in Myrmicinae: Hong, 2002: 546.

**Sinomyrmex incertae sedis* in Myrmicinae: Ward, *et al.* 2015: 77.

***SINOTENUICAPITO** [*incertae sedis* in Formicinae]

****Sinotenuicapito*** Hong, 2002: 587. Type-species: **Sinotenuicapito badis* Hong, 2002: 587, by original designation.

Taxonomic history

**Sinotenuicapito* in Formicinae: Hong, 2002: 587.

**Sinotenuicapito incertae sedis* in Formicinae: Ward, Blaimer & Fisher, 2016: 349.

SMITHISTRUMA [junior synonym of *Strumigenys*]

Smithistruma Brown, 1948e: 104.

Taxonomic history

[Replacement name for *Cephaloxys* Smith, F. 1865: 76; junior homonym of *Cephaloxys* Signoret, 1847: 294 (Hemiptera).]

[Type-species not *Strumigenys pulchella* Emery, 1895c: 327, unjustified subsequent designation by Brown, 1948e: 104; repeated by Baroni Urbani, 1971c: 153, Kempf, 1972a: 230, Bolton, 1983: 274, Bolton, 1995b: 46.]

Smithistruma in Myrmicinae, Dacetini, Strumigeniti: Brown, 1954b: 465; Brown & Wilson, 1959b: 282; Brandão, 1991: 378.

Smithistruma in Myrmicinae, Dacetini: Brown, 1948e: 104; Kempf, 1972a: 230; Smith, D.R. 1979: 1405; Bolton, 1995b: 46.

Smithistruma as genus: Chapman & Capco, 1951: 106; Brown, 1952e: 31; Kempf, 1972a: 230; Bolton, 1973a: 345; Smith, D.R. 1979: 1405; Bolton, 1983: 273; Hölldobler & Wilson, 1990: 15; Brandão, 1991: 378; Ogata, 1991b: 132; Bolton, 1995b: 46, 383.

Smithistruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91; Bolton, 2003: 189.

Smithistruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 102.

SOLENOMYRMA [junior synonym of *Gauromyrmex*]

Solenomyrma Karavaiev, 1935a: 103. Type-species: *Solenomyrma acanthina* Karavaiev, 1935a: 103, by monotypy.

Taxonomic history

Solenomyrma in Myrmicinae, Solenomyrmini: Donisthorpe, 1943g: 726; Chapman & Capco, 1951: 161.

Solenomyrma as genus: Donisthorpe, 1943g: 726.

Solenomyrma as junior synonym of *Vollenhovia*: Hölldobler & Wilson, 1990: 16; Tang, J., Li, et al. 1995: 63.

Solenomyrma as junior synonym of *Gauromyrmex*: Brown, 1953c: 10; Bolton, 1995b: 30; Bolton, 2003: 246.

SOLENOPS [junior synonym of *Carebara*]

Solenops Karavaiev, 1930a: 207 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis (Solenops) weyeri* Karavaiev, 1930a: 207, by monotypy.

Taxonomic history

Solenops as subgenus of *Solenopsis*: Donisthorpe, 1943g: 726.

Solenops as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; Bolton, 1973a: 353; Smith, D.R. 1979: 1389; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 111; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 74; Bolton, 2003: 215.

Solenops as junior synonym of *Carebara*: Fernández, 2004a: 194.

SOLENOPSIS [Myrmicinae: Solenopsidini]

Solenopsis Westwood, 1840b: 86. Type-species: *Solenopsis mandibularis* Westwood, 1840b: 87 (junior synonym of *Atta geminata* Fabricius, 1804: 423), by monotypy.

Taxonomic history

Solenopsis in Attidae: Smith, F. 1858b: 177; Smith, F. 1860a: 74; Smith, F. 1861b: 48.

Solenopsis in Myrmicidae: Smith, F. 1871a: 333; Cresson, 1887: 262.

Solenopsis in Myrmicidae, Pheidolidae: Emery, 1877a: 81.

Solenopsis in Myrmicinae: Mayr, 1865: 24 [Myrmicidae]; Dours, 1873: 170 [Myrmicidae]; Forel, 1874: 69 [Myrmicidae]; Emery & Forel, 1879: 464 [Myrmicidae]; Dalla Torre, 1893: 75 [Myrmicinae].

Solenopsis in *Solenopsis* genus group: Ettershank, 1966: 81; Bolton, 1987: 271; Brandão, 1991: 378.

Solenopsis in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Forel, 1895b: 130; Emery, 1895j: 770; Emery, 1896e: 182; Forel, 1899c: 79; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 41 [subtribe Solenopsidini]; Santschi, 1914b: 80; Arnold, 1916: 242; Emery, 1916b: 163; Forel, 1917: 243; Emery, 1922e: 195 [subtribe Solenopsidini]; Wheeler, W.M. 1922a: 663; Kempf, 1972a: 232; Smith, D.R. 1979: 1384; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106; Bolton, 1995b: 46; Bolton, 2003: 61, 217; Ward, *et al.* 2015: 77.

Solenopsis as genus: all authors.

Solenopsis as senior synonym of *Bisolenopsis*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Carebarella* (and of its junior synonym *Carebarelloides*): Pacheco & Mackay, 2013: 37 [by implication as type-species of *Carebarella* transferred into *Solenopsis*]; Ward, *et al.* 2015: 75.

Solenopsis as senior synonym of *Diagyne*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Diplorhoptrum*: Mayr, 1862: 751 (in text); Mayr, 1863: 453; Roger, 1863b: 32; Mayr, 1865: 108; Dours, 1873: 170; Emery & Forel, 1879: 464; Dalla Torre, 1893: 75; Forel, 1915d: 9; Emery, 1916b: 163; Emery, 1922e: 195; Wheeler, W.M. 1922a: 877; Donisthorpe, 1943f: 639; Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Bolton, 1987: 285; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 107; Bolton, 1994: 106; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Euophthalma*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Granisolenopsis*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Labauchena*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Lilidris*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 219.

Solenopsis as senior synonym of *Octella*: Taylor, 1991b: 611; Bolton, 1995b: 46; Bolton, 2003: 218.

Solenopsis as senior synonym of *Oedaleocerus*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Paranamyrma*: Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 108; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis as senior synonym of *Synsolenopsis*: Wheeler, W.M. 1922a: 686 (footnote); Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 107; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

Solenopsis catalogues: Mayr, 1863: 453; Roger, 1863b: 32; Emery & Forel, 1879: 464 (Europe); Cresson, 1887: 262 (U.S.A.); Dalla Torre, 1893: 75; Emery, 1922e: 193, 195 (*Carebarella*, *Solenopsis*); Wheeler, W.M. 1922a: 877, 1028 (Afrotropical, Malagasy); Emery, 1924d: 218 (*Oligomyrmex* (*Octella*)); Chapman & Capco, 1951: 167 (Asia); Smith, M.R. 1951a: 812 (North America); Ettershank, 1966: 113, 134 (*Carebarella*, *Solenopsis*); Kempf, 1972a: 74, 232 (Neotropical *Carebarella*, *Solenopsis*); Smith, D.R. 1979: 1385 (North America); Taylor & Brown, 1985: 87 (Australia); Taylor, 1987a: 72 (Australia, New Caledonia); Brandão, 1991: 336, 378 (Neotropical *Carebarella*, *Solenopsis*); Bolton, 1995b: 134, 386 (*Carebarella*, *Solenopsis*); Fisher & Bolton, 2016: 406 (Afrotropical, Malagasy checklist).

Solenopsis references: Smith, F. 1858b: 177 (diagnosis); Mayr, 1865: 24 (diagnosis); Mayr, 1867a: 109 (diagnosis); Mayr, 1870b: 996 (all species key); André, 1883b: 387 (Europe & Algeria species key); Emery, 1896g: 82 (New World species key); Forel, 1903a: 689 (India & Sri Lanka species key); Bingham, 1903: 158 (India, Sri Lanka & Burma species key); Emery, 1909a: 29 (Palaearctic species key); Emery, 1916b: 165 (Italy species key); Arnold, 1916: 242 (diagnosis); Emery, 1922e: 193, 195 (*Carebarella*, *Solenopsis* diagnoses); Wheeler, W.M. 1922a: 163 (diagnosis); Emery, 1924d: 218 (*Oligomyrmex* (*Octella*) diagnosis); Creighton, 1930b: 42, 45, 106 (subgenera key, S. (*Solenopsis*) species key, S. (*Euopthalma*) species key); Cole, 1942: 361 (U.S.A., Utah species key); Bernard, 1950a: 5 (France species key); Creighton, 1950a: 228 (**Nearctic species key**); Wilson, 1952b: 50 (South America S. *saevissima* complex, key); Kusnezov, 1953c: 347 (*Synsolenopsis* species key); Gregg, 1963: 370 (U.S.A., Colorado species key); Snelling, R.R. 1963: 1 (U.S.A. S. *geminata* group species); Ettershank, 1966: 113, 134 (*Carebarella*, *Solenopsis* diagnoses, reviews of genera); Bernard, 1967: 170 (diagnosis, Western Europe species key); Kusnezov, 1969: 37 (*Bisolenopsis* species key); Buren, 1972: 1 (S. *geminata* group, partial revision); Snelling, R.R. & Hunt, 1976: 81 (Chile species key); Kutter, 1977c: 99 (Switzerland species key); Arnol'di & Dlussky, 1978: 539 (former European U.S.S.R. species key); Collingwood, 1978: 82 (Iberian Peninsula species key); Bernard, 1978a: 573 (France species key); Allred, 1982: 443 (U.S.A., Utah species key); Gösswald, 1985: 302 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 50 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 273 (Balkans species key); Bolton, 1987: 285 (*Solenopsis* synonymy notes); Bolton, 1987: 286 (*Carebarella* genus, notes); Thompson & Johnson, 1989: 697 (U.S.A., Florida species key); Dlussky, *et al.* 1990: 240 (Turkmenistan species key); Ogata,

1991b: 107 (diagnosis, Japan); Trager, 1991: 141 (*S. geminata* group revision, key); Morisita, *et al.* 1992: 41 (Japan species key); Arakelian, 1994: 48 (Armenia species key); Dlussky & Radchenko, 1994: 102 (Central Palaearctic species key); Bolton, 1995a: 1052 (census); Wu, J. & Wang, 1995: 70 (China species key); Collingwood & Agosti, 1996: 358 (Saudi Arabia species key); Collingwood & Prince, 1998: 18 (Portugal species key); Shattuck, 1999: 165 (Australia synopsis); Taber, 2000: 234 (U.S.A. *S. geminata* group, key); Snelling, R.R. 2001: 522 (Puerto Rico *S. fugax* group, key); Mackay & Mackay, 2002: 196 (U.S.A., New Mexico species key); Sharaf, Taylor & Klingenberg, 2009: 51 (Egypt species key); Terayama, 2009: 157 (Taiwan species key); Heterick, 2009: 176 (south-western Australia species key); Eguchi, *et al.* 2011: 28 (diagnosis, Vietnam synopsis); Sharaf & Aldawood, 2011: 478 (Arabia species key); Sarnat & Economo, 2012: 122 (Fiji Is species key); Sharaf & Aldawood, 2012: 17 (Egypt & Saudi Arabia key); Pacheco & Mackay, 2013: 39-99 (**New World species revision, keys**); Baccaro, *et al.* 2015: 300 (genus in Brazil); Fisher & Bolton, 2016: 405 (diagnosis); Pitts, *et al.* 2018: 321 (*S. saevissima* species group key); Fernández & Serna, 2019: 814 (Colombia species key).

***SOLENOPSITES** [*incertae sedis* in Myrmicinae]

**Solenopsites* Dlussky & Rasnitsyn, 2002: 422. Type-species: **Solenopsites minutus* Dlussky & Rasnitsyn, 2002: 422, by original designation.

Taxonomic history

**Solenopsites incertae sedis* in Myrmicinae: Dlussky & Rasnitsyn, 2002: 422; Ward, *et al.* 2015: 77.

****Solenopsites* references:** Dlussky & Perfilieva, 2014: 432 (diagnosis).

SOMMIMYRMA [junior synonym of *Myrmica*]

Sommimyrma Menozzi, 1925d: 25. Type-species: *Sommimyrma symbiotica* Menozzi, 1925d: 25 (junior synonym of *Myrmica scabrinodis* Nylander, 1846a: 930), by original designation.

Taxonomic history

Sommimyrma in Myrmicinae, Myrmicini: Donisthorpe, 1943g: 726.

Sommimyrma as genus: Donisthorpe, 1943g: 726.

Sommimyrma as junior synonym of *Myrmica*: Brown, 1973b: 184 [provisional]; Bolton, 1988a: 3; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 75; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 48; Bolton, 2003: 222; Radchenko & Elmes, 2003a: 224; Radchenko & Elmes, 2010: 52.

SPALACOMYRMEX [junior synonym of *Centromyrmex*]

Spalacomymex Emery, 1889b: 489. Type-species: *Spalacomymex feae* Emery, 1889b: 491, by monotypy.

Taxonomic history

Spalacomymex in Poneridae: Emery, 1889b: 489.

Spalacomymex as junior synonym of *Centromyrmex*: Emery, 1890b: 40 (footnote); Dalla Torre, 1893: 15; Forel, 1900d: 303; Bingham, 1903: 93; Emery, 1911d: 57; Donisthorpe, 1943g: 727; Bolton, 1973a: 335; Hölldobler & Wilson, 1990: 11; Bolton, 1995b: 46; Tang, J., Li, *et al.* 1995: 33; Bolton, 2003: 160; Bolton & Fisher, 2008c: 4; Schmidt, C.A. & Shattuck, 2014: 164.

SPANIOPONE [junior synonym of *Gnamptogenys*]

Spaniopone Wheeler, W.M. & Mann, 1914: 11. Type-species: *Spaniopone haytiana* Wheeler, W.M. & Mann, 1914: 11, by monotypy.

Taxonomic history

Spaniopone in Ponerinae, Proceratiini: Wheeler, W.M. & Mann, 1914: 13; Wheeler, W.M. 1916i: 36; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943g: 727.

Spaniopone in Ponerinae, Ectatommini: Emery, 1919c: 107 (in text).

Spaniopone as genus: Wheeler, W.M. 1916i: 36; Forel, 1917: 236; Emery, 1919c: 107; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943g: 727.

Spaniopone as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; Kempf, 1972a: 111; Smith, D.R. 1979: 1337; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 46; Bolton, 2003: 174.

SPELAEO MYRMEX [junior synonym of *Carebara*]

Spelaeomyrmex Wheeler, W.M. 1922c: 9. Type-species: *Spelaeomyrmex urichi* Wheeler, W.M. 1922c: 9, by original designation.

Taxonomic history

Spelaeomyrmex in Myrmicinae, Pheidologitonini: Wheeler, W.M. 1922c: 11; Donisthorpe, 1944b: 59.

Spelaeomyrmex in Myrmicinae, Solenopsidini: Donisthorpe, 1943g: 727; Donisthorpe, 1944b: 59; Kusnezov, 1964: 61.

Spelaeomyrmex as genus: Donisthorpe, 1943g: 727; Kusnezov, 1964: 61.

Spelaeomyrmex as junior synonym of *Erebomyrma*: Wilson, 1962a: 63.

Spelaeomyrmex as junior synonym of *Oligomyrmex*: Kempf, 1972a: 172; Bolton, 1973a: 353; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 111; Bolton, 1994: 106; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 74; Bolton, 2003: 215.

Spelaeomyrmex as junior synonym of *Carebara*: Fernández, 2004a: 194.

SPHAERO CREMA [junior synonym of *Crematogaster (Crematogaster)*]

Sphaerocrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster kneri* Mayr, 1862: 764, by original designation.

Taxonomic history

Sphaerocrema as genus: Soulié, 1964: 398; Soulié, 1965: 79.

Sphaerocrema as junior synonym of *Crematogaster*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 125; Tang, J., Li, et al. 1995: 64.

Sphaerocrema as subgenus of *Crematogaster*: Santschi, 1918d: 182; Emery, 1922e: 152; Wheeler, W.M. 1922a: 662; subsequent authors; Bolton, 1995b: 46; Bolton, 2003: 240.

Sphaerocrema as junior synonym of *C. (Crematogaster)*: Blaimer, 2012c: 53.

[Note: world list of species in former subgenus *C. (Sphaerocrema)*: Bolton, 1995b: 166.]

****SPHAEROGASTERITES*** [*incertae sedis* in Myrmicinae]

**Sphaerogasterites* Hong, 2002: 557. Type-species: **Sphaerogasterites longipetiolatus* Hong, 2002: 557, by original designation.

Taxonomic history

**Sphaerogasterites* in Myrmicinae: Hong, 2002: 557.

**Sphaerogasterites incertae sedis* in Myrmicinae: Ward, et al. 2015: 77.

SPHAEROMESSOR [unavailable name]

Sphaeromessor Bernard, 1985: 48. Unavailable name.

Taxonomic history

[Unavailable name (proposed without designation of type-species). Taxa included by Bernard, 1985, are all referable to *Messor* (Bolton, 1995b: 46).]

****SPHECOMYRMA*** [*Sphecomyrminae: *Sphecomyrmini]

**Sphecomyrmia* Wilson & Brown, in Wilson, *et al.* 1967: 8. Type-species: **Sphecomyrmia freyi* Wilson & Brown, in Wilson, *et al.* 1967: 8, by original designation.

Taxonomic history

**Sphecomyrmia* in *Sphecomyrmidae: Dlussky, 1987: 132; Dlussky & Fedoseeva, 1988: 77.

**Sphecomyrmia* in *Sphecomyrminae: Wilson, *et al.* 1967: 6; Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9; Bolton, 1994: 187; Bolton, 1995b: 46; Grimaldi, *et al.* 1997: 7.

**Sphecomyrmia* in *Sphecomyrminae, *Sphecomyrmini: Bolton, 2003: 74, 261; Borysenko, 2017: 15.

**Sphecomyrmia* as genus: all authors.

**Sphecomyrmia catalogues*: Bolton, 1995b: 392.

Sphecomyrmia references*: Wilson, *et al.* 1967: 12 (phylogeny); Wilson, 1987: 49 (review of genus); Grimaldi, *et al.* 1997: 9 (review of genus); Engel & Grimaldi, 2005: 7 (diagnosis, **all species key); Barden, 2017: 2 (checklist); Borysenko, 2017: 15.

SPHECOMYRMEX: unjustified emendation of *Sphegomyrmex*.

****SPHECOMYRMODES*** [junior synonym of **Gerontoformica*]

**Sphecomyrmodes* Engel & Grimaldi, 2005: 5. Type-species: **Sphecomyrmodes orientalis* Engel & Grimaldi, 2005: 5, by original designation.

Taxonomic history

**Sphecomyrmodes* in *Sphecomyrminae: Engel & Grimaldi, 2005: 5.

**Sphecomyrmodes* as genus: Barden & Grimaldi, 2014: 18.

**Sphecomyrmodes* as junior synonym of **Gerontoformica*: Barden & Grimaldi, 2016: 4, and in supplemental information (not paginated).

Sphecomyrmodes* references: Barden & Grimaldi, 2014: 18 (diagnosis, **all species key).

SPHEGOMYRMEX [junior synonym of *Dorylus*]

Sphegomyrmex Imhoff, 1852: 176. Type-species: *Dorylus nigricans* Illiger, 1802: 188, by subsequent designation of Wheeler, W.M. 1911f: 172, Donisthorpe, 1943g: 727.

[Note: Wheeler's type-species designation is probably irrelevant as Imhoff, 1852: 175-177, gives no diagnosis of *Sphegomyrmex*, and mentions no named species in the genus. He merely states (p. 176), "...eine Ameise vor uns haben, welche etwas von den Merkmalen der Raubwespe in sich aufnimmt, habe ich ihm den Gattungsnamen *Sphegomyrmex* geben zu dürfen geglaubt." *Sphegomyrmex* therefore appears to be a *nomen nudum*.]

Taxonomic history

Sphegomyrmex as junior synonym of *Anomma*: Smith, F. 1858b: 112; Roger, 1861a: 45; Mayr, 1863: 394; Roger, 1863b: 20; Dalla Torre, 1893: 8; Emery, 1895j: 710; Emery, 1910b: 10; subsequent authors; Bolton, 1995b: 46; Bolton, 2003: 149.

Sphegomyrmex as junior synonym of *Dorylus*: Bolton, 1973a: 357; Hölldobler & Wilson, 1990: 11; Tang, J., Li, *et al.* 1995: 43; Borowiec, M.L. 2016: 112.

[*SPHECOMYRMEX*]: unjustified emendation of spelling by Schulz, W.A. 1906: 154.]

[Note: *Sphecomyrmex* was treated as a junior synonym of *Anomma* by Bolton, 1995b: 46, Bolton, 2003: 149, and as a junior synonym of *Dorylus* by Borowiec, M.L. 2016: 112, but is best regarded as an unjustified emendation of spelling.]

***SPHINCTOMYRMEX* [Dorylinae]**

Sphinctomyrmex Mayr, 1866b: 895. Type-species: *Sphinctomyrmex stali* Mayr, 1866b: 895, by monotypy.

Taxonomic history

Sphinctomyrmex in Dorylidae: Mayr, 1866b: 895; Forel, 1878: 365 (footnote).

Sphinctomyrmex in Ponerinae: Dalla Torre, 1893: 16 [Ponerinae].

Sphinctomyrmex in Dorylinae: Emery, 1896e: 175 [Dorylinae].

Sphinctomyrmex in Dorylinae, Cerapachyini: Emery, 1895j: 765; Emery, 1901a: 34.

Sphinctomyrmex in Dorylidae, Dorylinae, Dorylini: Ashmead, 1905b: 381; Ashmead, 1906: 27.

Sphinctomyrmex in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1895b: 116; Forel, 1900d: 328; Wheeler, W.M. 1910g: 137; Emery, 1911d: 6; Forel, 1917: 239; Brown, 1975: 18; Snelling, R.R. 1981: 389; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10;

Sphinctomyrmex in Cerapachyinae, Cerapachyini: Wheeler, 1902d: 185; Wheeler, W.M. 1922a: 638; Donisthorpe, 1943g: 727; Kempf, 1972a: 241; Bolton, 1990a: 67; Bolton, 1990c: 1357; Brandão, 1991: 379; Jaffe, 1993: 9; Bolton, 1994: 19; Bolton, 1995b: 46; Bolton, 2003: 34, 142.

Sphinctomyrmex in Dorylinae: Brady, *et al.* 2014: 4 (in figure); Borowiec, M.L. 2016: 214.

Sphinctomyrmex as genus: all authors.

***Sphinctomyrmex* catalogues:** Dalla Torre, 1893: 16; Emery, 1911d: 7 (*S. (Sphinctomyrmex)*, *S. (Eusphinctus)*); Wheeler, W.M. 1922a: 755 (Afrotropical); Chapman & Capco, 1951: 21 (Asia); Kempf, 1972a: 241 (Neotropical); Taylor & Brown, 1985: 49 (Australia); Taylor, 1987a: 73 (Australia, New Caledonia); Bolton, 1995b: 392; Borowiec, M.L. 2016: 219 (species checklist).

***Sphinctomyrmex* references:** Bingham, 1903: 25 (India, Sri Lanka & Burma species key); Emery, 1911d: 6, 7 (*Sphinctomyrmex*, *S. (Eusphinctus)* diagnoses); Wheeler, W.M. 1918a: 224 (Australia *Eusphinctus* species key); Wheeler, W.M. 1922a: 639 (*Eusphinctus* subgenera key); Brown, 1975: 31 (diagnosis, **Indo-Australia species key**); Bolton, 1995a: 1052 (census); Shattuck, 1999: 62 (Australia synopsis); Heterick, 2009: 131 (south-western Australia species key); Feitosa, *et al.* 2011: 3 (**Neotropical species key**); Baccaro, *et al.* 2015: 166 (genus in Brazil); Borowiec, M.L. 2016: 214 (diagnosis).

***SPINOMYRMA* [junior synonym of *Dorymyrmex*]**

Spinomyrma Kusnezov, 1952g: 429 (diagnosis in key) [as subgenus of *Dorymyrmex*]. Type-species: *Dorymyrmex alboniger* Forel, 1914d: 283, by subsequent designation of Kusnezov, 1959: 51.

Taxonomic history

Spinomyrma as subgenus of *Dorymyrmex*: Kusnezov, 1952g: 429; Kempf, 1972a: 100.

Spinomyrma as genus: Kusnezov, 1956: 30 (in key); Kusnezov, 1959: 51; Kusnezov, 1964: 66.

Spinomyrma as junior synonym of *Dorymyrmex*: Snelling, R.R. & Hunt, 1976: 93; Hölldobler & Wilson, 1990: 17; Brandão, 1991: 340; Shattuck, 1992c: 78; Shattuck, 1994: 74; Bolton, 1994: 26; Bolton, 1995b: 46; Bolton, 2003: 87.

***SPOROCLEPTES* [junior synonym of *Carebara*]**

Sporocleptes Arnold, 1948: 219. Type-species: *Sporocleptes nicotianae* Arnold, 1948: 220, by original designation.

Taxonomic history

Sporocleptes as junior synonym of *Aneleus*: Consani, 1951: 169; Arnold, 1952a: 460 (in text).

Sporocleptes as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; Bolton, 1973a: 353; Smith, D.R. 1979: 1389; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 111; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 74; Bolton, 2003: 215.

Sporocleptes as junior synonym of *Carebara*: Fernández, 2004a: 194.

STEGOMYRMEX [Myrmicinae: Solenopsidini]

Stegomyrmex Emery, 1912b: 99. Type-species: *Stegomyrmex connectens* Emery, 1912b: 100, by monotypy.

Taxonomic history

Stegomyrmex in Myrmicinae, Dacetini: Emery, 1912b: 101; Emery, 1914a: 42; Forel, 1917: 246; Emery, 1924d: 314; Donisthorpe, 1943g: 727.

Stegomyrmex in Myrmicinae, Stegomyrmecini: Wheeler, W.M. 1922a: 668; Kempf, 1972a: 242; Diniz, 1990: 277; Brandão, 1991: 379; Bolton, 1994: 106; Bolton, 1995b: 46; Bolton, 2003: 71, 255.

Stegomyrmex incertae sedis in Myrmicinae: Dlussky & Fedoseeva, 1988: 81.

Stegomyrmex in Myrmicinae, Solenopsidini: Ward, et al. 2015: 77.

Stegomyrmex as genus: all authors.

Stegomyrmex catalogues: Emery, 1924d: 314; Kempf, 1972a: 242; Bolton, 1995b: 392.

Stegomyrmex references: Emery, 1924d: 314 (diagnosis); Diniz, 1990: 277 (review, **all species key**); Bolton, 2003: 70, 254 (diagnosis, synopsis); Feitosa, Brandão & Diniz, 2008: 68 (**all species revision, key**); Baccaro, et al. 2015: 302 (genus in Brazil); Fernández & Serna, 2019: 817 (Colombia species).

STEGOPHEIDOLE [junior synonym of *Pheidole*]

Stegopheidole Emery, 1915i: 190 [as subgenus of *Pheidole*]. Type-species: *Pheidole (Elasmopheidole) upeneci* Forel, 1913k: 43, by monotypy.

Taxonomic history

Stegopheidole as subgenus of *Pheidole*: Emery, 1921f: 83; Wheeler, W.M. 1922a: 673; subsequent authors.

Stegopheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 89; Bolton, 1995b: 46; Tang, J., Li, et al. 1995: 54; Bolton, 2003: 235.

[**STEGAPHEIDOLE**: incorrect subsequent spelling by Wheeler, W.M. 1922a: 673 (in key).]

STENAMMA [Myrmicinae: Stenammini]

Stenamma Westwood, 1839: 219. Type-species: *Stenamma westwoodii* Westwood, 1839: 219, by monotypy.

Taxonomic history

Stenamma in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

Stenamma in Myrmicinae: Mayr, 1861: 55 [Myrmicidae]; Mayr, 1865: 23 [Myrmicidae]; Dours, 1873: 170 [Myrmicidae]; Forel, 1874: 82 [Myrmicidae]; Emery & Forel, 1879: 456 [Myrmicidae]; Dalla Torre, 1893: 121 [Myrmicinae]; Emery, 1896e: 185 [Myrmicinae].

Stenamma in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1915h: 53; Kempf, 1972a: 242.

Stenamma in Myrmicinae, Pheidolini: Emery, 1914a: 40; Emery, 1916b: 126; Forel, 1917: 241; Emery, 1921f: 52 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; Karavaiev, 1934: 96; Smith, D.R. 1979: 1357; Kugler, C. 1994: 25.

Stenamma in Myrmicinae, Stenammini: Ashmead, 1905b: 383; Bolton, 1994: 106; Bolton, 1995b: 46; Bolton, 2003: 59, 205; Ward, *et al.* 2015: 76.

Stenamma as genus: all authors.

Stenamma as senior synonym of *Asemorhoptrum*: André, 1883a: 310; Dalla Torre, 1893: 121; Emery, 1921f: 52; Donisthorpe, 1943f: 626; Smith, D.R. 1979: 1357; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 80; Bolton, 1995b: 46; Bolton, 2003: 205.

Stenamma as senior synonym of *Theryella*: Santschi, 1923a: 136; Smith, D.R. 1979: 1357; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 80; Bolton, 1995b: 46; Bolton, 2003: 205.

Stenamma catalogues: Mayr, 1863: 395, 454 (*Asemorhoptrum*, *Stenamma*); Roger, 1863b: 25, 27 (*Stenamma*, *Asemorhoptrum*); Emery & Forel, 1879: 456, 460 (Europe *Stenamma*, *Asemorhoptrum*); Cresson, 1887: 261 (U.S.A.); Dalla Torre, 1893: 121; Emery, 1921f: 52; Chapman & Capco, 1951: 153 (Asia); Smith, M.R. 1951a: 794 (North America); Kempf, 1972a: 242 (Neotropical); Smith, D.R. 1979: 1357 (North America); Bolton, 1995b: 393.

Stenamma references: Mayr, 1861: 55 (diagnosis); Mayr, 1865: 20, 23 (*Asemorhoptrum*, *Stenamma* diagnoses); André, 1883a: 311 (Europe & Algeria species key); Forel, 1903a: 693 (India & Sri Lanka species key); Emery, 1908c: 306 (Palaearctic species key); Emery, 1916b: 127 (Italy species key); Emery, 1921f: 52 (diagnosis); Arnol'di, 1928b: 215 (former U.S.S.R. species key); Arnol'di, 1933b: 599 (Russia species key); Buren, 1944a: 284 (U.S.A., Iowa species key); Creighton, 1950a: 135 (**Nearctic species key**); Smith, M.R. 1957b: 141 (U.S.A. species key); Yasumatsu & Murakami, 1960: 28 (Japan species key); Smith, M.R. 1962a: 38 (Mexico and Central America species key); Gregg, 1963: 347 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 120 (U.S.A., North Dakota species key); Bernard, 1967: 126 (diagnosis, Western Europe species key); Snelling, R.R. 1973c: 5 (Western U.S.A. species key); Arnol'di, 1975: 1826 (former U.S.S.R. species key); Kutter, 1977c: 74 (Switzerland species key); Arnol'di & Dlussky, 1978: 535 (former European U.S.S.R. species key); Collingwood, 1978: 80 (Iberian Peninsula species key); Allred, 1982: 443 (U.S.A., Utah species key); Gösswald, 1985: 297 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 33 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 268 (Balkans species key); Kupyanskaya, 1990: 116 (Far Eastern Russia species key); Ogata, 1991b: 80 (diagnosis, Japan); Morisita, *et al.* 1992: 14 (Japan species key); Arakelian, 1994: 29 (Armenia species key); Kupyanskaya, 1995: 344 (Far Eastern Russia species key); Bolton, 1995a: 1052 (census); Seifert, 1996b: 155 (Central Europe species key); Skinner & Allen, 1996: 44 (Britain species key); Fernández, Baena & Palacio, 1996: 9 (Colombia species key); Dlussky, 1997: 57 (in Baltic amber genera key); DuBois, 1998b: 215 (**Palaearctic & Oriental species revision, keys**); Mackay & Mackay, 2002: 209 (U.S.A., New Mexico species key); Lyu & Cho, 2004: 263 (Korea species key); Seifert, 2007: 143 (North and Central Europe species key); Branstetter, 2009: 43 (diagnosis); Rigato, 2011: 6 (*S. westwoodii* group Western Europe & North Africa species, key); Liu & Xu, 2011: 736 (**Palaearctic and Oriental species key**); Branstetter, 2012: 478 (phylogeny); Bharti, Gul & Sharma, 2012a: 325 (**Palaearctic and Oriental species key**); Branstetter, 2013: 21 (**Mesoamerica species key**); Fernández & Serna, 2019: 800 (Colombia species key).

STENOMYRMEX [junior synonym of *Anochetus*]

Stenomyrmex Mayr, 1862: 711. Type-species: *Myrmecia emarginata* Fabricius, 1804: 426, by subsequent designation of Emery, 1911d: 110, Wheeler, W.M. 1911f: 173.

Taxonomic history

Stenomyrmex in Formicidae, Odontomachidae: Mayr, 1862: 711; Mayr, 1865: 11.

Stenomyrmex in Odontomachidae: Ashmead, 1905b: 382.

Stenomyrmex as genus: Mayr, 1863: 454; Roger, 1863b: 22; Mayr, 1865: 11; Ashmead, 1905b: 382.

Stenomyrmex as subgenus of *Anochetus*: Forel, 1893a: 163; Forel, 1893g: 356; Dalla Torre, 1893: 47; Forel, 1895b: 117; Forel, 1899c: 18; Wheeler, W.M. 1910g: 136; Emery, 1911d: 110; Forel, 1917: 238; Wheeler, W.M. 1922a: 653; Borgmeier, 1923: 76; Donisthorpe, 1943g: 728; Kempf, 1972a: 21.

Stenomyrmex as junior synonym of *Anochetus*: Forel, 1887: 381; Forel, 1891b: 106; Brown, 1978c: 552; Hölldobler & Wilson, 1990: 11; Brandão, 1991: 324; Bolton, 1995b: 47; Tang, J., Li, et al. 1995: 29; Bolton, 2003: 159; Schmidt, C.A. & Shattuck, 2014: 65.

STENOTHORAX [junior synonym of *Adlerzia*]

Stenothorax McAreavey, 1949: 3. Type-species: *Stenothorax katerinae* McAreavey, 1949: 3 (junior synonym of *Monomorium (Adlerzia) froggatti* Forel, 1902h: 445), by original designation.

Taxonomic history

Stenothorax as junior synonym of *Adlerzia*: Brown, 1952a: 110; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 47; Bolton, 2003: 208.

STEREOMYRMEX [Myrmicinae: Crematogastrini]

Stereomyrmex Emery, 1901f: 115. Type-species: *Stereomyrmex horni* Emery, 1901f: 116, by monotypy.

Taxonomic history

Stereomyrmex in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Stereomyrmex in Myrmicinae, Myrmicini: Wheeler, W.M. 1910g: 139.

Stereomyrmex in Myrmicinae, Stereomyrmecini: Emery, 1914a: 40; Forel, 1917: 242; Emery, 1922e: 119; Wheeler, W.M. 1922a: 661; subsequent authors.

Stereomyrmex in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 47; Bolton, 2003: 70, 252.

Stereomyrmex in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77; in Crematogastrini, *Podomyrma* genus group: Blaimer, et al. 2018: 7.

Stereomyrmex as genus: all authors.

Stereomyrmex as senior synonym of *Willowsiella*: Bolton, 2003: 252, 273.

Stereomyrmex catalogues: Emery, 1922e: 119; Chapman & Capco, 1951: 173 (Asia); Bolton, 1995b: 394, 424 (*Stereomyrmex*, *Willowsiella*).

Stereomyrmex references: Bingham, 1903: 218 (diagnosis); Emery, 1922e: 119 (diagnosis); Taylor, 1991a: 294 (*Willowsiella* discussion); Shattuck, 1999: 173 (Australia synopsis); Bolton, 2003: 273 (diagnosis).

STICTOPONERA [junior synonym of *Gnamptogenys*]

Stictoponera Mayr, 1887: 539 [as subgenus of *Ectatomma*]. Type-species: *Ponera coxalis* Roger, 1860: 308, by subsequent designation of Bingham, 1903: 82.

Taxonomic history

Stictoponera in Ponerinae: Dalla Torre, 1893: 23.

Stictoponera in Pachycondylinae, Ectatommini: Ashmead, 1905b: 382.

Stictoponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 47; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; Donisthorpe, 1943g: 728.

Stictoponera as subgenus of *Ectatomma*: Mayr, 1887: 539; Dalla Torre, 1893: 23; Emery, 1895j: 767; Forel, 1900d: 316; Bingham, 1903: 82; Wheeler, W.M. 1910g: 135.

Stictoponera as genus: Emery, 1900d: 662; Ashmead, 1905b: 382; Emery, 1911d: 47; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; Santschi, 1932b: 11; Donisthorpe, 1943g: 728.

Stictoponera as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; Smith, D.R. 1979: 1337; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 47; Bolton, 2003: 173.

STIGMACROS [Formicinae: Melophorini]

Stigmacros Forel, 1905b: 179 [as subgenus of *Acantholepis*].

Taxonomic history

[Replacement name for *Acrostigma* Forel, 1902h: 477; junior homonym of **Acrostigma* Emery, 1891a: 149 (Formicidae).]

Stigmacros in Camponotinae, Plagiolepidini: Forel, 1917: 249.

Stigmacros in Formicinae, Myrmelachistini: Emery, 1925b: 34; Donisthorpe, 1943g: 728.

Stigmacros in Formicinae, Brachymyrmecini: Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1985: 258.

Stigmacros incertae sedis in Formicinae: Dlussky & Fedoseeva, 1988: 77.

Stigmacros in Formicinae, Prenolepidini: Hölldobler & Wilson, 1990: 18.

Stigmacros in Formicinae, Plagiolepidini: Wheeler, W.M. 1922a: 696; McAreavey, 1957: 7; Bolton, 1994: 51; Bolton, 1995b: 47.

Stigmacros in Formicinae, Lasiini: Bolton, 2003: 22, 99.

Stigmacros in Formicinae, Melophorini: Ward, Blaimer & Fisher, 2016: 347.

Stigmacros as subgenus of *Acantholepis*: Forel, 1905b: 179; Wheeler, W.M. 1910g: 143; Forel, 1917: 249.

Stigmacros as genus: Wheeler, W.M. 1922a: 696; Emery, 1925b: 34; Donisthorpe, 1943g: 728; McAreavey, 1957: 7; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1985: 258; Dlussky & Fedoseeva, 1988: 77; Hölldobler & Wilson, 1990: 18; Bolton, 1994: 51; Bolton, 1995b: 47; Bolton, 2003: 22, 99; Ward, Blaimer & Fisher, 2016: 347.

Stigmacros as senior synonym of *Campostigmacros*: Taylor & Brown, 1985: 145; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 47; Bolton, 2003: 100.

Stigmacros as senior synonym of *Chariostigmacros*: Taylor & Brown, 1985: 145; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 47; Bolton, 2003: 99.

Stigmacros as senior synonym of *Cyrtostigmacros*: Taylor & Brown, 1985: 145; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 47; Bolton, 2003: 100.

Stigmacros as senior synonym of *Hagiostigmacros*: Taylor & Brown, 1985: 145; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 47; Bolton, 2003: 99.

Stigmacros as senior synonym of *Pseudostigmacros*: Taylor & Brown, 1985: 145; Hölldobler & Wilson, 1990: 18; Bolton, 1995b: 47; Bolton, 2003: 99.

***Stigmacros* catalogues:** Emery, 1925b: 34; Taylor & Brown, 1985: 145; Taylor, 1987a: 74; Bolton, 1995b: 394 (catalogue).

***Stigmacros* references:** Emery, 1925b: 34 (diagnosis); McAreavey, 1957: 7 (diagnosis, all species revision, key); Shattuck, 1999: 114 (Australia synopsis); Heterick, 2009: 112 (south-western Australia species key).

STIGMATOMMA [Amblyoponinae]

Stigmatomma Roger, 1859: 250. Type-species: *Stigmatomma denticulatum* Roger, 1859: 251, by subsequent designation of Bingham, 1903: 36.

Taxonomic history

Stigmatomma in Ponerinae: Mayr, 1861: 53 [Poneridae]; Mayr, 1862: 714 [Poneridae]; Mayr, 1865: 16 [Poneridae]; Dalla Torre, 1893: 14 [Ponerinae]; Emery, 1896e: 176 [Ponerinae].

Stigmatomma in Amblyoponinae: Forel, 1893a: 162; Forel, 1895b: 110 [Amblyoponeridae].

Stigmatomma in Pachycondylinae, Amblyoponini: Ashmead, 1905b: 283.

Stigmatomma in Ponerinae, Amblyoponini: Emery, 1895j: 766; Emery, 1901a: 34; Wheeler, W.M. 1910g: 134; Emery, 1911d: 23; Forel, 1917: 235; Wheeler, W.M. 1922a: 641; subsequent authors.

Stigmatomma in Amblyoponinae: Bolton, 2003: 154.

Stigmatomma as subgenus of *Amblyopone*: Forel, 1900c: 55; Clark, 1934b: 27; Brown, 1949c: 87.

Stigmatomma as junior synonym of *Amblyopone*: Emery & Forel, 1879: 455; Mayr, 1887: 546; Brown, 1960a: 155; Bolton, 1973a: 330; Smith, D.R. 1979: 1334; Ogata, 1987: 103; Hölldobler & Wilson, 1990: 9; Bolton, 1995b: 47; Tang, J., Li, et al. 1995: 24; Bolton, 2003: 154.

Stigmatomma as genus: Roger, 1859: 250; Mayr, 1861: 53; Mayr, 1863: 454; Roger, 1863b: 20; Dalla Torre, 1893: 14; Emery, 1895j: 766; Emery, 1896e: 176; Bingham, 1903: 36; Emery, 1911d: 23; Emery, 1916b: 99; Forel, 1917: 235; Wheeler, W.M. 1922a: 641; Borgmeier, 1923: 52; Donisthorpe, 1943g: 728; Creighton, 1950a: 31; Kusnezov, 1956: 12; Yoshimura & Fisher, 2012a: 17; Ward & Fisher, 2016: 691.

Stigmatomma as senior synonym of *Arotropus*: Dalla Torre, 1893: 14; Emery, 1911d: 23; Donisthorpe, 1943f: 625; Yoshimura & Fisher, 2012a: 17.

Stigmatomma as senior synonym of *Bannapone*: Ward & Fisher, 2016: 691.

***Stigmatomma* catalogues:** Mayr, 1863: 454; Roger, 1863b: 20; Emery & Forel, 1879: 455 (Europe); Cresson, 1887: 259 (U.S.A.); Dalla Torre, 1893: 14; Emery, 1911d: 24; Smith, M.R. 1951a: 782 (North America); Chapman & Capco, 1951: 24 (Asia); Bolton, 1995b: 61 (as part of *Amblyopone*); Fisher & Bolton, 2016: 408 (Afrotropical, Malagasy checklist).

***Stigmatomma* references:** Mayr, 1861: 53 (diagnosis); Mayr, 1865: 16 (diagnosis); André, 1882c: 233 (Europe & Algeria species key); Forel, 1900c: 55 (India & Sri Lanka species key); Bingham, 1903: 37 (India, Sri Lanka & Burma species key); Emery, 1911d: 23 (diagnosis); Santschi, 1915a: 55 (Mediterranean species key); Emery, 1916b: 100 (Italy species key); Bondroit, 1918: 80 (France & Belgium species key). [For references between 1960 and 2012, see under *Amblyopone*.] Yoshimura & Fisher, 2012a: 17 (male diagnosis, synonymy); Xu & Chu, 2012: 1177 (Asia species key (as *Amblyopone*)); Guénard, et al. 2013: 371 (*Bannapone* diagnosis); Eguchi, et al. 2014: 26 (diagnosis, Vietnam synopsis); Baccaro, et al. 2015: 124 (genus in Brazil); Bharti & Rilta, 2015b: 509 (species with 11-segmented antennae key); Eguchi, et al. 2015: 85 (*Bannapone* diagnosis, all species revision, key); Esteves & Fisher, 2016: 211

(Malagasy species key); Fisher & Bolton, 2016: 407 (diagnosis); Ward & Fisher, 2016: 689 (phylogeny); Hsu, F. et al. 2017: 90 (Asian species with 11 antennomeres key).

***STIGMOMYRMEX** [Myrmicinae: Crematogastrini]

**Stigmomyrmex* Mayr, 1868b: 95. Type-species: **Stigmomyrmex venustus* Mayr, 1868b: 97, by original designation.

[Note: type-species is usually quoted as by subsequent designation of Wheeler, W.M. 1911f: 173, but **S. venustus* was actually designated as type-species by Mayr, 1868b: 95 (footnote), "...die erste Art [= *venustus*], welche ich als Typus für diese Gattung betrachte."]

Taxonomic history

**Stigmomyrmex* in Myrmicidae, Pheidolidae: Emery, 1877a: 81.

**Stigmomyrmex* in Myrmicinae: Mayr, 1868b: 95 [Myrmicidae]; Dalla Torre, 1893: 78 [Myrmicinae].

**Stigmomyrmex* in Myrmicinae, Teramoriini: Wheeler, W.M. 1915h: 70; subsequent authors.

**Stigmomyrmex incertae sedis* in Myrmicinae: Dlussky & Fedoseeva, 1988: 81.

**Stigmomyrmex* in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 47, 395; Bolton, 2003: 70, 254.

**Stigmomyrmex* in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77.

**Stigmomyrmex* as genus: all authors.

**Stigmomyrmex* references: Dlussky, 1997: 56 (in Baltic amber genera key).

***STIPHROMYRMEX** [Myrmicinae: Crematogastrini]

**Stiphromyrmex* Wheeler, W.M. 1915h: 67. Type-species: **Stigmomyrmex robustus* Mayr, 1868b: 97, by original designation.

Taxonomic history

**Stiphromyrmex* in Myrmicinae, Myrmicini: Wheeler, W.M. 1915h: 67; Donisthorpe, 1943g: 729.

**Stiphromyrmex incertae sedis* in Myrmicinae: Dlussky & Fedoseeva, 1988: 81.

**Stiphromyrmex* in Myrmicinae, Myrmecinini: Bolton, 1994: 105; Bolton, 1995b: 47, 395; Bolton, 2003: 71, 257.

**Stiphromyrmex* in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77.

**Stiphromyrmex* as genus: all authors.

**Stiphromyrmex* references: Dlussky, 1997: 57 (in Baltic amber genera key).

STREBLOGNATHUS [Ponerinae: Ponerini]

Strebognathus Mayr, 1862: 713 (diagnosis in key), 716. Type-species: *Ponera aethiopica* Smith, F. 1858b: 91, by monotypy.

Taxonomic history

Strebognathus in Ponerinae: Mayr, 1862: 713 (in key) [Poneridae]; Mayr, 1865: 12 [Poneridae]; Dalla Torre, 1893: 31 [Ponerinae]; Emery, 1896e: 178.

Strebognathus in Pachycondylinae, Ectatomminini: Ashmead, 1905b: 382.

Strebognathus in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 61 [subtribe Pachycondylini]; Arnold, 1915: 41; Forel, 1917: 237 [subtribe Pachycondylini]; Wheeler, W.M. 1922a: 646; subsequent authors; Bolton, 1995b: 47; Bolton, 2003: 44, 171; in Ponerini, *Odontomachus* genus group: Schmidt, C.A. & Shattuck, 2014: 135.

Strebognathus as genus: all authors.

***Strebognathus* catalogues:** Mayr, 1863: 454; Roger, 1863b: 19; Dalla Torre, 1893: 31; Emery, 1911d: 61; Wheeler, W.M. 1922a: 763; Bolton, 1995b: 395; Schmidt, C.A. & Shattuck, 2014: 137 (species checklist); Fisher & Bolton, 2016: 410 (checklist).

***Strebognathus* references:** Mayr, 1865: 12 (diagnosis); Emery, 1911d: 61 (diagnosis); Arnold, 1915: 41 (diagnosis); Bolton, 1994: 164 (synoptic classification); Robertson, 2002: 8 (diagnosis, all species revision, key); Schmidt, C.A. & Shattuck, 2014: 135 (diagnosis, synopsis); Fisher & Bolton, 2016: 409 (diagnosis).

***STRONGYLOGNATHUS* [Myrmicinae: Crematogastrini]**

Strongylognathus Mayr, 1853d: 389. Type-species: *Eciton testaceum* Schenck, 1852: 117, by monotypy.

Taxonomic history

[Replacement name for *Myrmus* Schenck, 1853: 188; junior homonym of *Myrmus* Hahn, 1832: 81 (Hemiptera).]

Strongylognathus in Poneridae, Myrmicidae: Smith, F. 1858b: 134.

Strongylognathus in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

Strongylognathus in Myrmicinae: Mayr, 1855: 430 [Myrmicidae]; Nylander, 1856b: 101 [Myrmicinae]; Mayr, 1861: 57 [Myrmicidae]; Mayr, 1865: 21 [Myrmicidae]; Dours, 1873: 169 [Myrmicidae]; Forel, 1874: 70 [Myrmicidae]; Emery & Forel, 1879: 457 [Myrmicidae]; Dalla Torre, 1893: 129 [Myrmicinae].

Strongylognathus in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Emery, 1896e: 182; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Emery, 1916b: 198; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 285; subsequent authors; Bolton, 1995b: 47; Bolton, 2003: 63, 225.

Strongylognathus in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77.

Strongylognathus as genus: all authors.

***Strongylognathus* catalogues:** Mayr, 1863: 454; Roger, 1863b: 26; Emery & Forel, 1879: 457 (Europe); Dalla Torre, 1893: 129; Emery, 1924d: 285; Bolton, 1976: 305; Bolton, 1995b: 395.

***Strongylognathus* references:** Mayr, 1855: 430 (diagnosis); Smith, F. 1858b: 134 (diagnosis); Mayr, 1861: 57 (diagnosis); Mayr, 1865: 21 (diagnosis); Forel, 1874: 71 (Switzerland species key); André, 1883a: 281 (Europe & Algeria species key); Forel, 1900e: 278 (all species key); Ruzsky, 1905b: 541 (Russian Empire species key); Emery, 1909d: 708 (Palaearctic species key); Emery, 1916b: 199 (Italy species key); Bondroit, 1918: 110 (France & Belgium species key); Emery, 1924d: 285 (diagnosis); Arnol'di, 1933b: 598 (Russia species key); Kratochvíl, 1941: 87 (Central Europe species key); Novák & Sadil, 1941: 87 (Central Europe species key); Bernard, 1967: 237 (Western Europe species key); Baroni Urbani, 1969c: 157 (Western Europe *S. huberi* group revision, key); Bolton, 1976: 304 (diagnosis, review of genus); Kutter, 1977c: 159 (Switzerland species key); Arnol'di & Dlussky, 1978: 545 (former European U.S.S.R. species key); Collingwood, 1978: 86 (Iberian Peninsula species key); Gösswald, 1985: 312 (Germany species key); Agosti & Collingwood, 1987b: 278 (Balkans species key); Dlussky, *et al.* 1990: 209 (Turkmenistan species key); Ogata, 1991b: 102 (diagnosis, Japan); Radchenko, 1991: 89 (former U.S.S.R. species key); Atanasov & Dlussky, 1992: 156 (Bulgaria species key); Arakelian, 1994: 68 (Armenia species key); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 95 (China species key); Seifert, 1996b: 115 (Central Europe species key); Sanetra & Buschinger, 2000: 95 (phylogeny); Wei, *et al.* 2001: 68 (China species key); Seifert, 2007: 115

(North and Central Europe species key); Radchenko, 2016: 257 (Ukraine species key) Radchenko, Zhang & Heinze, 2017: 11 (China species key).

STRUMIGENYS [Myrmicinae: Attini]

Strumigenys Smith, F. 1860c: 72. Type-species: *Strumigenys mandibularis* Smith, F. 1860c: 72, by monotypy.

Taxonomic history

Strumigenys in Myrmicidae: Smith, F. 1871a: 334; Cresson, 1887: 262.

Strumigenys in Myrmicidae, Cryptoceridae: Emery, 1877a: 81.

Strumigenys in Myrmicinae: Mayr, 1865: 26 [Myrmicidae]; Emery & Forel, 1879: 464 [Myrmicidae]; Dalla Torre, 1893: 145 [Myrmicinae].

Strumigenys in Cryptoceridae, Dacetini: Ashmead, 1905b: 384 [Dacetonini].

Strumigenys in Myrmicinae, Dacetini, Strumigeniti: Brown, 1952g: 10 (footnote); Brown, 1954b: 465; Brown & Wilson, 1959b: 281; Brandão, 1991: 380.

Strumigenys in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 133; Emery, 1895j: 770; Emery, 1896e: 181; Forel, 1899c: 42; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Emery, 1916b: 203; Forel, 1917: 246; Arnold, 1917: 372; Wheeler, W.M. 1922a: 668; Emery, 1924d: 319; Brown, 1948e: 108; Kempf, 1972a: 242; Bolton, 1973a: 345; Brandão, 1991: 380; Bolton, 1995b: 47; Bolton, 1999: 1673; Bolton, 2000: 492; Bolton, 2003: 54, 191.

Strumigenys in Myrmicinae, Attini: Ward, *et al.* 2015: 77.

Strumigenys as genus: all authors.

Strumigenys as senior synonym of *Asketogenys*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Borgmeierita*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Cephaloxys*: Dalla Torre, 1893: 145; Forel, 1899c: 42 Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Chelystruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Cladarogenys*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Codiomyrmex*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Codioxenus*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Dorisidris*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Dysedrognathus*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Eneria*: Brown, 1949d: 15; Bolton, 1973a: 345; Smith, D.R. 1979: 1403; Bolton, 1983: 358; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 128; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 84; Bolton, 1999: 1673; Bolton, 2000: 492; Bolton, 2003: 192; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Epitritus*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Glamyromyrmex*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Gymnomyrmex*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Kyidris*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Labidogenys*: Roger, 1863b: 40; Emery & Forel, 1879: 464; Dalla Torre, 1893: 145; Forel, 1899c: 42; Bingham, 1903: 147; Emery, 1924d: 320; Donisthorpe, 1943f: 654; Brown & Wilson, 1959b: 281; Brown, 1960b: 37; Bolton, 1973a: 345; Smith, D.R. 1979: 1403; Bolton, 1983: 358; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 128; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 84; Bolton, 1999: 1673; Bolton, 2000: 492; Bolton, 2003: 191; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Miccostruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Neostruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Pentastruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Platystruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Polyhomoa*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Proscopomyrmex*: Brown, 1949d: 15; Bolton, 1973a: 345; Smith, D.R. 1979: 1403; Bolton, 1983: 358; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 128; Bolton, 1995b: 47; Tang, J., Li, et al. 1995: 84; Bolton, 1999: 1673; Bolton, 2000: 492; Bolton, 2003: 191; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Pyramica*: Roger, 1863b: 40; Emery & Forel, 1879: 464; Dalla Torre, 1893: 145; Forel, 1899c: 42; Bingham, 1903: 147; Emery, 1924d: 320; Donisthorpe, 1943g: 723; Brown & Wilson, 1959b: 281; Brown, 1960b: 37; Kempf, 1972a: 242; Bolton, 1973a: 345; Smith, D.R. 1979: 1403; Bolton, 1983: 358; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 128; Bolton, 1994: 105; Bolton, 1995b: 47; Tang, J., Li, et al. 1995: 84; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Quadristruma*: Baroni Urbani & De Andrade, 1994: 12; Bolton, 1999: 1673; Bolton, 2003: 192; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Serrastruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Smithistruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Tingimyrmex*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Trichoscapa*: Dalla Torre, 1893: 145; Forel, 1899c: 42; Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Weberistruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys as senior synonym of *Wessonistruma*: Baroni Urbani & De Andrade, 2007: 101.

Strumigenys catalogues: Mayr, 1863: 424, 453, 455 (*Labidogenys*, *Pyramica*, *Strumigenys*); Roger, 1863b: 40; Emery & Forel, 1879: 464, 465 (Europe *Strumigenys*, *Epitritus*); Dalla Torre, 1893: 145, 148 (*Strumigenys*, *Epitritus*); Wheeler, W.M. 1922a: 917, 918, 920 (Afrotropical *Strumigenys*, S. (*Cephaloxys*), *Epitritus*); Wheeler, W.M. 1922a: 1034 (Madagascar); Emery, 1924d: 323, 325, 326 (*Strumigenys*, S. (*Cephaloxys*), S. (*Codiomyrmex*), *Glamyromyrmex*, *Pentastruma*, *Epitritus*); Chapman & Capco, 1951: 104-107 (Asia *Eneria*, *Epitritus*, *Kyidris*, *Pentastruma*, *Smithistruma*, *Strumigenys* (*Cephaloxys*), *Strumigenys* (*Strumigenys*)); Smith, M.R. 1951a: 825 (North America); Kempf, 1972a: 37, 77, 98, 110, 116, 163, 226, 230, 243, 250, 255 (Neotropical *Borgmeierita*, *Chelystruma*, *Codiomyrmex*, *Codioxenus*, *Dorisidris*, *Glamyromyrmex*, *Gymnomyrmex*, *Neostruma*, *Quadristruma*, *Smithistruma*, *Strumigenys*, *Tingimyrmex*, *Trichoscapa*); Smith, D.R. 1979: 1403, 1405, 1408, 1409 (North America *Strumigenys*, *Smithistruma*, *Trichoscapa*, *Quadristruma*); Taylor & Brown, 1985: 64, 85, 87 (Australia *Glamyromyrmex*, *Quadristruma*, *Strumigenys*); Taylor, 1987a: 28, 66, 76 (Australia, New Caledonia & New Zealand *Glamyromyrmex*, *Quadristruma*, *Strumigenys*); Brandão, 1991: 344, 346, 360, 378, 380 (Neotropical *Glamyromyrmex*, *Gymnomyrmex*, *Neostruma*, *Smithistruma*, *Strumigenys*); Bolton, 1995b: 75, 145, 146, 177, 183, 188, 207, 211, 219, 292, 316, 377, 382, 383, 395, 420, 421 (Asketogenys, *Cladarogenys*, *Codiomyrmex*, *Dorisidris*, *Dysedrognathus*, *Epitritus*, *Glamyromyrmex*, *Gymnomyrmex*, *Kyidris*, *Neostruma*, *Pentastruma*, *Quadristruma*, *Serrastruma*, *Smithistruma*, *Strumigenys*, *Tingimyrmex*, *Trichoscapa*); Fisher & Bolton, 2016: 413 (Afrotropical, Malagasy checklist).

Strumigenys references: Mayr, 1865: 26 (diagnosis); André, 1883b: 398, 402 (Europe & Algeria *Strumigenys* (*Trichoscapa*), *Epitritus* species); Forel, 1886a: 216 (all species key); Mayr,

1887: 568 (all species key); Emery, 1895c: 325 (North America species key); Emery, 1897c: 574 (New Guinea species key); Forel, 1903a: 707 (India & Sri Lanka species key); Bingham, 1903: 147 (India, Sri Lanka & Burma species key); Wheeler, W.M. 1908a: 146 (New World species key); Santschi, 1913b: 257 (Afrotropical species key); Emery, 1916b: 205 (Italy species key); Arnold, 1917: 373 (diagnosis, South Africa species key); Mann, 1921: 467 (Fiji Is species key); Emery, 1924d: 319, 323, 325, 326 (*Strumigenys*, *S.* (*Cephaloxys*), *S.* (*Codiomyrmex*), *Glamyromyrmex*, *Pentastruma*, *Epitritus* diagnoses); Smith, M.R. 1931c: 691 (North America *Strumigenys* (*Cephaloxys*) species key); Buren, 1944a: 290 (U.S.A., Iowa species key); Brown, 1948e: 108, 112-124 (diagnosis, review of genus, minor genera reviews); Brown, 1949b: 43 (*Epitritus* diagnosis, review); Brown, 1949d: 8, 21 (*Weberistruma* species review, Japan, China & Taiwan species key); Creighton, 1950a: 301 (**Nearctic species key**); Brown, 1950a: 27 (*Glamyromyrmex* review); Brown, 1952e: 86 (*Serrastruma* diagnosis, **species revision, key**); Brown, 1953g: 3 (*Codiomyrmex* review: 20; *Weberistruma* review: 24; *Smithistruma* review: 31; *Smithistruma Nearctic species revision, key*: 46; *Smithistruma Neotropical species revision, key*: 92; *Smithistruma Indomalayan, Papuan, Oceanean species revision, key*: 114; **Afrotropical species revision, key**: 125, **Palaearctic species revision, key**: 130); Brown, 1954k: 10 (*Strumigenys Afrotropical species revision, key*); Wilson & Brown, 1956b: 439 (*Kyidris* species review); Brown, 1958h: 38 (New Zealand species); Brown, 1959b: 1 (*Neostruma* species review); Kempf, 1959d: 339 (*Gymnomyrmex species key*); Brown, 1960b: 37 (*Strumigenys gundlachi* group revision, key); Kempf, 1960f: 447 (*Glamyromyrmex Neotropical species key*); Kempf, 1960f: 451 (*Gymnomyrmex all species key*); Brown, 1962b: 79 (*Epitritus* species key); Brown, 1962c: 238 (*Strumigenys Neotropical synopsis, all species key*); Brown, 1964a: 183 (supplement to 1953g *Smithistruma* revision); Bernard, 1967: 243, 245 (*Smithistruma*, *Epitritus* diagnoses); Bolton, 1972: 208 (*Epitritus all species key*); Alayo, 1974: 19 (Cuba species key); Kempf, 1976b: 43 (additions to Brown, 1962c key); Brown & Boisvert, 1979: 201 (*Pentastruma* species review); Bolton, 1983: 273 (*Smithistruma Afrotropical species revision, key*: 274, *Trichoscapa* review: 319, *Glamyromyrmex Afrotropical species revision, key*: 320, *Serrastruma Afrotropical species revision, key*: 335, *Cladarogenys* review: 353, *Epitritus Afrotropical species revision, key*: 354, *Strumigenys Afrotropical species revision, key*: 358, *Quadrstruma* review: 400); Perrault, 1986a: 3 (*Gymnomyrmex all species key*); Ward, 1988: 122 (Western Nearctic *Smithistruma* species key); Terayama & Kubota, 1989: 780, 787 (Taiwan *Strumigenys*, *Smithistruma* species keys); Hölldobler & Wilson, 1990: 15 (synoptic classification); Arakelian & Dlussky, 1991: 150 (former U.S.S.R. species key); Ogata, 1991b: 128 (diagnosis, Japan); Morisita, *et al.* 1992: 63, 68, 76 (Japan *Strumigenys*, *Smithistruma*, *Epitritus* species keys); Dlussky, 1993: 53 (Fiji Is, Tonga and Samoa *Strumigenys* species key); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1048 - 1053 (census); Gronenberg, 1996: 2021 (mandible morphology); Terayama, Lin & Wu, 1996: 328 (Taiwan *Smithistruma* species key); Lin & Wu, 1996: 139 (Taiwan *Strumigenys* species key); Lattke & Goitia, 1997: 370 (*Strumigenys Neotropical all species key*); Ogata & Onoyama, 1998: 277 (Japan *Smithistruma* species key); Shattuck, 1999: 136, 160, 167, 170 (Australia *Glamyromyrmex*, *Quadrstruma*, *Strumigenys*, *Trichoscapa* synopses); Bolton, 1999: 1667, 1673 (morphology, diagnosis, review of *Pyramica*, *Strumigenys*); Xu, 2000e: 297 (China *Epitritus* species key); Bolton, 2000: 90 (*Pyramica all species revision: Nearctic species key*: 95; **Neotropical species key**: 137; **Afrotropical species key**: 272; **West Palaearctic species key**: 285; **Malagasy species key**: 342; **Malesian-Oriental-East Palaearctic species key**: 372; **Austral species key**: 472); Bolton, 2000: 492 (*Strumigenys all species revision: Neotropical-Nearctic species key*: 496;

Afrotropical species key: 583; **Malesian-Oriental-East Palaearctic species key:** 716; **Austral species key:** 941); Fisher, 2000: 614 (*Strumigenys Malagasy*; **all species revision, key**); Zhou, 2001b: 78 (China, Guangxi *Strumigenys* species key); Lin & Wu, 2001: 166 (Taiwan *Strumigenys* species key); Zhou & Xu, 2003: 737 (China *Strumigenys* species key); Xu & Zhou, 2004: 441 (China *Pyramica* species key); Longino, 2006b: 139 (Costa Rica species, additions to *Pyramica* key); Yoshimura & Onoyama, 2007: 676 (Japan *Strumigenys* species key); Terayama, 2009: 138, 142 (Taiwan *Pyramica*, *Strumigenys* species keys); Heterick, 2009: 176 (south-western Australia *Strumigenys* species key); Eguchi, *et al.* 2011: 26, 29 (*Pyramica*, *Strumigenys* diagnosis, Vietnam synopsis); Sarnat & Economo, 2012: 117, 124 (Fiji Is *Pyramica*, *Strumigenys* species key); Bharti & Akbar, 2013b: 391 (India *Strumigenys* species key); Baccaro, *et al.* 2015: 260 (genus in Brazil); Fisher & Bolton, 2016: 412 (diagnosis); Fernández & Serna, 2019: 874 (Colombia fauna); Pérez-Pedraza & Fernández, 2019: 1070 (Colombia species key); Sarnat, Hita Garcia, *et al.* 2019: 9 (Fiji Is species key); Silva, T.S.R. & Feitosa, 2019: 1 (anatomical terminology).

SULCOMYRMEX [unavailable name]

Sulcomyrmex Kratochvíl, in Novák & Sadil, 1941: 84 [as subgenus of *Tetramorium*].
Unavailable name.

Taxonomic history

[Unavailable name (proposed without designation of type-species). Taxa included by Kratochvíl, in Novák & Sadil, 1941, are referable to *Tetramorium* (Bolton, 1976: 359, 364; Bolton, 1980: 196; Ogata, 1991b: 99; Bolton, 1995b: 48; Bolton, 2003: 227).]

SYLLOPSIS: incorrect subsequent spelling of *Syllophopsis*.

SYLLOPHOPSIS [Myrmicinae: Solenopsidini]

Syllophopsis Santschi, 1915c: 259 [as subgenus of *Monomorium*]. Type-species: *Monomorium modestum* Santschi, 1914e: 17, by monotypy.

Taxonomic history

Syllophopsis in Myrmicinae, *Monomorium* genus group: Ettershank, 1966: 81.

Syllophopsis in Myrmicinae, Monomoriini: Dlussky & Fedoseeva, 1988: 80.

Syllophopsis in Myrmicinae, Solenopsidini: Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 175; subsequent authors; Ward, *et al.* 2015: 77.

Syllophopsis as subgenus of *Monomorium*: Santschi, 1915c: 259; Forel, 1917: 242; Emery, 1922e: 175; Wheeler, W.M. 1922a: 676; Donisthorpe, 1943g: 729; Arnold, 1952a: 465.

Syllophopsis as junior synonym of *Monomorium*: Bolton, 1987: 287, 297; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 105; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 68; Bolton, 2003: 213.

Syllophopsis as genus: Santschi, 1921c: 119; Santschi, 1936a: 32; Ettershank, 1966: 100; Bolton, 1973a: 355; Ward, *et al.* 2015: 73.

Syllophopsis as senior synonym of *Ireneidris*: Ward, *et al.* 2015: 73.

[**SYLLOPSIS:** incorrect subsequent spelling by Santschi, 1921c: 120.]

Syllophopsis catalogues: Emery, 1922e: 175 (as subgenus of *Monomorium*); Chapman & Capco, 1951: 162 (Asia *Ireneidris*); Ettershank, 1966: 100; Bolton, 1995b: 258 (as part of *Monomorium*); Fisher & Bolton, 2016: 418 (Afrotropical, Malagasy checklist).

Syllophopsis references: Santschi, 1921c: 120 (*Syllophopsis* species key); Emery, 1922e: 175 (*Monomorium* (*Syllophopsis*) diagnosis); Ettershank, 1966: 100 (diagnosis, review of genus); Bolton, 1987: 307 (Afrotropical species key, as part of *Monomorium*); Heterick, 2006: 84 (Malagasy species key, as part of *Monomorium*); Sharaf & Aldawood, 2013: 80 (Afrotropical species key); Fisher & Bolton, 2016: 416 (diagnosis).

SYMBIOMYRMA [junior synonym of *Myrmica*]

Symbiomyrma Arnol'di, 1930c: 267. Type-species: *Symbiomyrma karavajevi* Arnol'di, 1930c: 269, by monotypy.

Taxonomic history

[*Symbiomyrma* also described as new by Arnol'di, 1933a: 41.]

Symbiomyrma in Myrmicinae, Pheidolini: Karavaiev, 1934: 102.

Symbiomyrma in Myrmicinae, Myrmicini: Donisthorpe, 1943g: 729; subsequent authors.

Symbiomyrma as junior synonym of *Sifolinia*: Samšiňák, 1964: 156.

[Note: Samšiňák gives *Sifolinea* as senior synonym but *Symbiomyrma* has priority.]

Symbiomyrma as subgenus of *Myrmica*: Seifert, 2007: 210.

Symbiomyrma as genus: Karavaiev, 1934: 102; Donisthorpe, 1943g: 729; Seifert, 1994: 15; Seifert, 1996b: 236; Seifert, 2018: 174.

Symbiomyrma as junior synonym of *Myrmica*: Bolton, 1988a: 3; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 75; Bolton, 1994: 106; Bolton, 1995b: 47; Tang, J., Li, et al. 1995: 48; Bolton, 2003: 222; Radchenko & Elmes, 2003a: 219; Radchenko & Elmes, 2010: 52.

[Note: in recent years Seifert (1994, 1996b, 2007, 2018) has made repeated attempts to resurrect *Symbiomyrma*, either as a subgenus of *Myrmica*, or as a separate genus. This is considered an unproductive exercise, and in this catalogue *Symbiomyrma* remains as a junior synonym, in accord with majority opinion.]

SYMMYRMICA [junior synonym of *Formicoxenus*]

Symmyrmica Wheeler, W.M. 1904a: 3. Type-species: *Symmyrmica chamberlini* Wheeler, W.M. 1904a: 5, by monotypy.

Taxonomic history

Symmyrmica in Myrmicinae, Myrmicini: Wheeler, W.M. 1910g: 139.

Symmyrmica in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Symmyrmica in Myrmicinae, Leptocephalini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 263.

Symmyrmica as genus: Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 263; Donisthorpe, 1943g: 729; Smith, D.R. 1979: 1398.

Symmyrmica as junior synonym of *Leptothorax*: Brown, 1973b: 185 [provisional].

Symmyrmica as junior synonym of *Formicoxenus*: Francoeur, et al. 1985: 347; Hölldobler & Wilson, 1990: 13; Bolton, 1995b: 47.

SYMPHEIDOLOE [junior synonym of *Pheidole*]

Sympheidole Wheeler, W.M. 1904a: 7. Type-species: *Sympheidole elecebra* Wheeler, W.M. 1904a: 8, by monotypy.

Taxonomic history

Sympheidole in Myrmicinae, Myrmicini: Wheeler, W.M. 1910g: 140.

Sympheidole in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Sympheidole in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 115; Wheeler, W.M. 1922a: 661.

Sympheidole as genus: Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 115; Wheeler, W.M. 1922a: 661.

Sympheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1365; Snelling, R.R. 1981: 395; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 89; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 54; Bolton, 2003: 233; Wilson, 2003: 6.

SYNSOLENOPTIS [junior synonym of *Solenopsis*]

Synsolenopsis Forel, 1918b: 155 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis (Synsolenopsis) bruchi* Forel, 1918b: 156 (junior primary homonym in *Solenopsis*; replacement name: *Solenopsis bruchiella* Emery, 1922e: 199), by monotypy.

Taxonomic history

Synsolenopsis as subgenus of *Solenopsis*: Forel, 1918b: 155; Emery, 1922e: 196; Donisthorpe, 1943g: 730.

Synsolenopsis as genus: Creighton, 1930b: 41 (in text); Kusnezov, 1953c: 341; Kusnezov, 1957a: 272; Kusnezov, 1962b: 160; Kusnezov, 1964: 61.

Synsolenopsis as junior synonym of *Solenopsis*: Wheeler, W.M. 1922a: 686 (footnote); Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1973a: 354; Smith, D.R. 1979: 1384; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 107; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 71; Bolton, 2003: 218.

*SYNTAPHUS [Braconidae]

**Syntaphus* Donisthorpe, 1920: 84. Type-species: **Syntaphus wheeleri* Donisthorpe, 1920: 84, by original designation.

Taxonomic history

**Syntaphus* in Ponerinae, Ectatommini: Donisthorpe, 1920: 84; Donisthorpe, 1943g: 730; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164; Bolton, 1995b: 47, 399;

**Syntaphus incertae sedis* in Ponerinae: Viana & Haedo Rossi, 1957: 109.

**Syntaphus incertae sedis* in Formicidae: Bolton, 2003: 264.

**Syntaphus* excluded from Formicidae: transferred to Braconidae by Dlussky & Perfilieva, 2014: 433.

SYNTERMITOPONE [junior synonym of *Neoponera*]

Syntermitopone Wheeler, W.M. 1936d: 169 [as subgenus of *Termitopone*]. Type-species: *Ponera commutata* Roger, 1860: 311, by original designation.

Taxonomic history

Syntermitopone as subgenus of *Termitopone*: Wheeler, W.M. 1936d: 169; Donisthorpe, 1943g: 730.

Syntermitopone as genus: Kusnezov, 1956: 15.

Syntermitopone as junior synonym of *Termitopone*: Borgmeier, 1959a: 312; Kempf, 1972a: 248.

Syntermitopone as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 39; Bolton, 2003: 168; Mackay & Mackay, 2010: 3.

Syntermitopone as junior synonym of *Neoponera*: Schmidt, C.A. & Shattuck, 2014: 145.

SYSCIA [Dorylinae]

Syscia Roger, 1861a: 19. Type-species: *Syscia typhla* Roger, 1861a: 20, by monotypy.

Taxonomic history

Syscia in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 15 [Poneridae]; Dalla Torre, 1893: 17 [Ponerinae].

Syscia in Dorylinae: Emery, 1896e: 175 [Dorylinae].

Syscia in Dorylinae, Cerapachyini: Emery, 1895j: 765.

Syscia in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1900d: 329; Emery, 1911d: 10; Ashmead, 1905b: 382.

Syscia in Dorylinae: Brady, *et al.* 2014: 4 (in figure); Borowiec, M.L. 2016: 219.

Syscia as subgenus of *Cerapachys*: Wheeler, W.M. 1902d: 185; Emery, 1902c: 24; Forel, 1907a: 8; Wheeler, W.M. 1910g: 137; Emery, 1911d: 10; Forel, 1917: 239; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943g: 730.

Syscia as junior synonym of *Cerapachys*: Kempf, 1972a: 7, 76; Brown, 1975: 18; Smith, D.R. 1979: 1333; Ogata, 1987: 129; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 47; Bolton, 2003: 140.

Syscia as genus: Mayr, 1863: 455; Roger, 1863b: 21; Mayr, 1865: 15; Dalla Torre, 1893: 17; Emery, 1896e: 175; Forel, 1900d: 329; Bingham, 1903: 31; Ashmead, 1905b: 382; Borowiec, M.L. 2016: 219.

Syscia catalogues: Emery, 1911d: 10; Borowiec, M.L. 2016: 224 (species checklist).

Syscia references: Brady, *et al.* 2014: 4 (phylogeny); Borowiec, M.L. 2016: 219 (diagnosis); Palacio, 2019: 626 (Colombia species).

SYSPHINCTA: incorrect subsequent spelling of *Sysphingta*.

SYSPHINGTA [junior synonym of *Proceratium*]

Sysphingta Roger, 1863a: 175. Type-species: *Sysphingta micrommata* Roger, 1863a: 176, by monotypy.

Taxonomic history

Sysphingta in Ponerinae: Mayr, 1865: 12 [Poneridae]; Dalla Torre, 1893: 18.

Sysphingta in Dorylinae: Emery, 1896e: 175.

Sysphingta in Dorylinae, Proceratiini: Emery, 1895j: 765.

Sysphingta in Ponerinae, Proceratiini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 136; Emery, 1911d: 50; Arnold, 1915: 34; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943g: 730.

Sysphingta as genus: Mayr, 1863: 455; Roger, 1863b: 21; Mayr, 1865: 12; Emery, 1895c: 262; Emery, 1896a: 101; Emery, 1896e: 175; Ashmead, 1905b: 382; Emery, 1911d: 50; Wheeler, W.M. 1910g: 136; Emery, 1916b: 102; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Creighton, 1950a: 40.

Sysphingta as junior synonym of *Proceratium*: Mayr, 1886d: 437; Dalla Torre, 1893: 18; Brown, in Borgmeier, 1957: 118; Brown, 1958g: 241; Kempf, 1972a: 211; Bolton, 1973a: 333; Ogata, 1987: 105; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 47; Tang, J., Li, *et al.* 1995: 25; Bolton, 2003: 179.

[**SYSPHINCTA:** incorrect subsequent spelling by Mayr, 1863: 455; repeated by Mayr, 1865: 12, Dalla Torre, 1893: 18, Ashmead, 1905b: 382, Emery, 1911d: 50; Emery, 1916b: 102; Forel, 1917: 236, and most subsequent authors.]

TALARIDRIS [Myrmicinae: Attini]

Talaridris Weber, 1941a: 184. Type-species: *Talaridris mandibularis* Weber, 1941a: 185, by original designation.

Taxonomic history

Talaridris in Myrmicinae, Dacetini: Weber, 1941a: 183 [Dacetonini]; Donisthorpe, 1943g: 730; Brown, 1948e: 102; Baroni Urbani & De Andrade, 1994: 32.

Talaridris in Myrmicinae, Basicerotini: Brown, 1949f: 94; Brown & Kempf, 1960: 241; Kempf, 1972a: 246; Bolton, 1994: 105; Bolton, 1995b: 47; Bolton, 1998: 67; Bolton, 2003: 54, 185; Fernández, 2003d: 314.

Talaridris in Myrmicinae, Attini: Ward, *et al.* 2015: 77.

Talaridris as junior synonym of *Rhopalothrix*: Brown, 1973b: 185 [provisional]; Baroni Urbani & De Andrade, 1994: 32.

Talaridris as junior synonym of *Basiceros*: Baroni Urbani & De Andrade, 2007: 88.

Talaridris as genus: Brown & Kempf, 1960: 241; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 47; Bolton, 2003: 54, 185; Ward, *et al.* 2015: 77.

Talaridris catalogues: Bolton, 1995b: 399.

Talaridris references: Brown & Kempf, 1960: 241; Baccaro, *et al.* 2015: 262 (genus in Brazil); Fernández & Serna, 2019: 875 (Colombia species).

TAMMOTeca [junior synonym of *Gnamptogenys*]

Tammoteca Santschi, 1929h: 476 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma concinna* Smith, F. 1858b: 103, by original designation.

Taxonomic history

Tammoteca as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; Kempf, 1972a: 111; Smith, D.R. 1979: 1337; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 47; Bolton, 2003: 175.

TANAEMYRMEX [subgenus of *Camponotus*]

Tanaemyrmex Ashmead, 1905b: 384. Type-species: *Formica longipes* Gerstäcker, 1859: 262 (junior primary homonym in *Formica*; replacement name: *Camponotus etiolipes* Bolton, 1995b: 98), by original designation.

Taxonomic history

Tanaemyrmex in Camponotinae, Camponotini: Ashmead, 1905b: 384.

Tanaemyrmex as genus: Ashmead, 1905b: 384.

Tanaemyrmex as subgenus of *Camponotus*: Emery, 1925b: 75; Santschi, 1926a: 24; subsequent authors; Bolton, 1995b: 47; Bolton, 2003: 114.

Tanaemyrmex as senior synonym of *Myrmoturba*: Emery, 1925b: 75; Donisthorpe, 1943f: 672; Kempf, 1972a: 163; Smith, D.R. 1979: 1428; Bolton, 1995b: 47; Bolton, 2003: 114.

Tanaemyrmex references: included under *Camponotus*.

[Note: world list of species in *C. (Tanaemyrmex)*: Emery, 1925b: 75; Bolton, 1995b: 131.]

TANIPONE [Dorylinae]

Tanipone Bolton & Fisher, 2012: 75. Type-species: *Tanipone hirsuta* Bolton & Fisher, 2012: 87, by original designation.

Taxonomic history

Tanipone in Cerapachyinae, Cerapachyini: Bolton & Fisher, 2012: 75.

Tanipone in Dorylinae: Brady, et al. 2014: 4 (in figure); Borowiec, M.L. 2016: 225.

Tanipone as genus: all authors.

Tanipone catalogues: Borowiec, M.L. 2016: 229 (species checklist); Fisher & Bolton, 2016: 420 (checklist).

Tanipone references: Bolton & Fisher, 2012: 80 (diagnosis, **all species key**); Borowiec, M.L. 2016: 225 (diagnosis); Fisher & Bolton, 2016: 418 (diagnosis)

***TAPHOPONE** [*incertae sedis* in Ponerinae]

**Taphopone* Dlussky & Perfilieva, 2014: 430. Type-species: **Ponerites karaganensis* Dlussky, 1981b: 68, by original designation.

Taxonomic history

**Taphopone* in Ponerinae: Dlussky & Perfilieva, 2014: 430.

TAPINOLEPIS [Formicinae: Plagiolepidini]

Tapinolepis Emery, 1925b: 18 [as subgenus of *Anoplolepis*]. Type-species: *Plagiolepis (Anoplolepis) tumidula* Emery, 1915g: 19, by monotypy.

Taxonomic history

Tapinolepis in Formicinae, Plagiolepidini: Bolton, 2003: 23, 107; Ward, Blaimer & Fisher, 2016: 348.

Tapinolepis as junior synonym of *Anoplolepis*: Brown, 1973b: 185 [provisional]; Hölldobler & Wilson, 1990: 18.

Tapinolepis as subgenus of *Anoplolepis*: Santschi, 1926a: 14; Donisthorpe, 1943g: 730; Bolton, 1995b: 47.

Tapinolepis as genus: Bolton, 2003: 23, 107, 267.

Tapinolepis as senior synonym of *Mesanoplolepis*: Bolton, 2003: 107, 267.

Tapinolepis catalogues: Bolton, 1995b: 66 (as part of *Anopolepis*); Bolton, 2003: 368 (list of species); Fisher & Bolton, 2016: 422 (Afrotropical checklist).

Tapinolepis references: [See under *Anoplolepis* for pre-2003 references.] Bolton, 2003: 267 (diagnosis); Fisher & Bolton, 2016: 421 (diagnosis).

TAPINOMA [Dolichoderinae: Tapinomini]

Tapinoma Foerster, 1850a: 43. Type-species: *Tapinoma collina* Foerster, 1850a: 43 (junior synonym of *Formica erratica* Latreille, 1798: 44), by monotypy.

Taxonomic history

Tapinoma in Formicidae: Smith, F. 1858b: 55.

Tapinoma in Formicinae: Mayr, 1855: 372 [Formicidae]; Mayr, 1861: 41 [Formicidae]; Mayr, 1862: 653 (in key) [Formicidae]; Mayr, 1865: 10 [Formicidae]; Dours, 1873: 166 [Formicidae]; André, 1874: 168 [Formicidae]; Forel, 1874: 60 [Formicidae]; André, 1881b: 63 [Formicidae].

Tapinoma in Dolichoderinae: Forel, 1878: 385 [Dolichoderidae]; Emery & Forel, 1879: 454 [Dolichoderidae]; Forel, 1891b: 101 [Dolichoderidae]; Forel, 1895b: 109 [Dolichoderidae]; Dalla Torre, 1893: 164 [Dolichoderinae]; Emery, 1895j: 771; Emery, 1896e: 187 [Dolichoderinae]; Forel, 1899c: 101; Wheeler, W.M. 1910g: 142.

Tapinoma in Dolichoderidae: Ashmead, 1905b: 384.

Tapinoma in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 47; Bolton, 2003: 19, 91.

Tapinoma in Dolichoderinae, Tapinomini: Emery, 1913a: 38; Santschi, 1914b: 118; Arnold, 1915: 152; Emery, 1916b: 214; Forel, 1917: 248; Bondroit, 1918: 89; Wheeler, W.M. 1922a: 690; subsequent authors; Kempf, 1972a: 246; Hölldobler & Wilson, 1990: 17; Brandão, 1991: 380; Jaffe, 1993: 9; Dubovikoff, 2005a: 91 [by implication]; Ward, *et al.* 2010: 361.

Tapinoma as genus: all authors.

Tapinoma as senior synonym of *Micromyrma*: Mayr, 1863: 455; Mayr, 1872: 146; Forel, 1878: 385; Emery & Forel, 1879: 454; Forel, 1891b: 101; Dalla Torre, 1893: 164; Ruzsky, 1905b: 131; Emery, 1913a: 38; Wheeler, W.M. 1922a: 923; Smith, M.R. 1951a: 837; Kempf, 1972a: 247; Bolton, 1973a: 359; Hölldobler & Wilson, 1990: 17; Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 47; Bolton, 2003: 91; Fisher & Bolton, 2007: 65.

Tapinoma as senior synonym of *Neoclystopsenella*: Brown, 1988a: 337; Hölldobler & Wilson, 1990: 17; Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 47; Bolton, 2003: 91; Fisher & Bolton, 2007: 66.

Tapinoma as senior synonym of *Pseudaphomomyrmex*: Fisher & Bolton, 2007: 66.

Tapinoma as senior synonym of *Semonius*: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1995b: 47; Bolton, 2003: 91.

Tapinoma as senior synonym of *Zatapinoma*: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1995b: 48; Bolton, 2003: 91.

[**TAPINOMMA**: incorrect subsequent spelling by Ashmead, 1905b: 384.]

Tapinoma catalogues: Mayr, 1863: 455; Roger, 1863b: 13, 14 (*Tapinoma*, *Micromyrma*); Emery & Forel, 1879: 454 (Europe); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 164 (*Tapinoma*, *Micromyrma*); Emery, 1913a: 38 (*Tapinoma*); Emery, 1913a: 44 (*Semonius*); Wheeler, W.M. 1922a: 923, 927 (Afrotropical *Tapinoma*, *Semonius*); Wheeler, W.M. 1922a: 1034 (Malagasy); Chapman & Capco, 1951: 192, 196 (Asia *Semonius*, *Tapinoma*, *Zatapinoma*); Smith, M.R. 1951a: 837 (North America); Kempf, 1972a: 246 (Neotropical); Smith, D.R. 1979: 1421 (North America); Taylor & Brown, 1985: 106 (Australia); Taylor, 1987a: 77 (Australia, New Caledonia & New Zealand); Brandão, 1991: 380 (Neotropical); Shattuck, 1994: 140; Bolton, 1995b: 399; Fisher & Bolton, 2016: 424 (Afrotropical, Malagasy checklist).

Tapinoma references: Mayr, 1855: 372 (diagnosis); Smith, F. 1858b: 55 (diagnosis); Mayr, 1865: 10 (diagnosis); Mayr, 1867a: 78 (diagnosis); André, 1882b: 222 (Europe & Algeria species key); Bingham, 1903: 304 (India, Sri Lanka & Burma species key); Emery, 1913a: 38 (diagnosis); Emery, 1913a: 44 (*Semonius* diagnosis); Arnold, 1915: 152, 157 (diagnosis, South Africa species key, *Semonius* diagnosis); Emery, 1916b: 216 (Italy species key); Wheeler, W.M. 1922a: 208 (diagnosis); Wheeler, W.M. 1922a: 695 (*Pseudaphomomyrmex* diagnosis, in key); Emery, 1925d: 63 (Palaearctic species key); Kuznetsov-Ugamsky, 1927d: 33 (Turkestan species key); Smith, M.R. 1928a: 311 (North America species key); Kratochvíl, Novák & Snoflák, 1944: 79 (Czechoslovakia species key); Creighton, 1950a: 352 (**Nearctic species key**); Bernard, 1967: 254 (diagnosis, Western Europe species key); van Boven, 1970b: 24 (Netherlands species key); Tarbinsky, 1976: 118 (Kyrgyzstan species key); Kutter, 1977c: 178 (Switzerland species key); Arnol'di & Dlussky, 1978: 547 (former European U.S.S.R. species key); Collingwood, 1978: 87 (Iberian Peninsula species key); Schembri & Collingwood, 1981: 421 (Malta species key); Gösswald, 1985: 317 (Germany species key); Agosti & Collingwood, 1987b: 279 (Balkans species key); Dlussky, *et al.* 1990: 168 (Turkmenistan species key); Shattuck, 1992c: 146 (diagnosis, review of genus); Arakelian, 1994: 72 (Armenia species key); Bolton, 1995a: 1053

(census); Wu, J. & Wang, 1995: 116 (China species key); Collingwood & Agosti, 1996: 360 (Saudi Arabia species key); Seifert, 1996b: 165 (Central Europe species key); Skinner & Allen, 1996: 40 (Britain species key); Collingwood & Prince, 1998: 20 (Portugal species key); Shattuck, 1999: 81 (Australia synopsis); Zhou, 2001b: 151 (China, Guangxi species key); Czechowski, *et al.* 2002: 135 (Poland species key); Seifert, 2007: 149 (North and Central Europe species key); Heterick, 2009: 58 (south-western Australia species key); Yoshimura & Fisher, 2011: 13 (Malagasy males); Seifert, 2012: 146 (Central Europe species key); Sharaf, Aldawood & El Hawagry, 2012: 40 (Saudi Arabia species key); Czechowski, *et al.* 2012: 357 (Poland species key); Sarnat & Economo, 2012: 37 (Fiji Is species key); Baccaro, *et al.* 2015: 142 (genus in Brazil); Fisher & Bolton, 2016: 423 (diagnosis); Radchenko, 2016: 87 (Ukraine species key); García-Avendaño & Guerrero, 2018: 224 (Colombia species key); Guerrero, 2019: 716 (Colombia species key).

TAPINOPTERA [junior synonym of *Technomyrmex*]

Tapinoptera Santschi, 1925g: 348 [as subgenus of *Tapinoma*]. Type-species: *Tapinoma vexatum* Santschi, 1919i: 220 (footnote), by monotypy.

Taxonomic history

Tapinoptera as subgenus of *Tapinoma*: Donisthorpe, 1943g: 731.

Tapinoptera as junior synonym of *Tapinoma*: Hölldobler & Wilson, 1990: 17; Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 48; Bolton, 2003: 91.

Tapinoptera as junior synonym of *Technomyrmex*: Fisher & Bolton, 2007: 66 (in text); Bolton, 2007a: 4.

TATUIDRIS [Agroecomyrmecinae: Agroecomyrmecini]

Tatuidris Brown & Kempf, 1968: 186. Type-species: *Tatuidris tatusia* Brown & Kempf, 1968: 187, by original designation.

Taxonomic history

Tatuidris in Myrmicinae, Agroecomyrmecini: Brown & Kempf, 1968: 186; Kempf, 1972a: 248; Bolton, 1995b: 48; Baroni Urbani & De Andrade, 2007: 75;

Tatuidris in Agroecomyrmecinae, Agroecomyrmecini: Bolton, 2003: 52, 182; Ward, *et al.* 2015: 65.

Tatuidris as genus: all authors.

Tatuidris catalogues: Kempf, 1972a: 248; Bolton, 1995b: 402.

Tatuidris references: Bolton, 1994: 105 (synoptic classification); Bolton, 1998: 68 (anatomy, autapomorphies); Donoso, 2012: 61 (review of genus); Baccaro, *et al.* 2015: 118 (genus in Brazil).

TECHNOMYRMEX [Dolichoderinae: Tapinomini]

Technomyrmex Mayr, 1872: 147. Type-species: *Technomyrmex strenua* Mayr, 1872: 147, by monotypy.

Taxonomic history

Technomyrmex in Dolichoderinae: Forel, 1878: 380 [Dolichoderidae]; Forel, 1891b: 97 [Dolichoderidae]; Dalla Torre, 1893: 166 [Dolichoderinae]; Emery, 1895j: 771; Emery, 1896e: 186 [Dolichoderinae]; Wheeler, W.M. 1910g: 142.

Technomyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 153; Shattuck, 1994: 156; Bolton, 1994: 26; Bolton, 1995b: 48; Bolton, 2003: 19, 92.

Technomyrmex in Dolichoderinae, Tapinomini: Emery, 1913a: 42; Santschi, 1914b: 119; Arnold, 1915: 147; Forel, 1917: 248; Wheeler, W.M. 1922a: 690; subsequent authors; Hölldobler & Wilson, 1990: 17; Jaffe, 1993: 9; Ward, *et al.* 2010: 361.

Technomyrmex as genus: all authors.

Technomyrmex as senior synonym of *Aphantolepis*: Brown, 1953h: 5; Bolton, 1973a: 360; Hölldobler & Wilson, 1990: 17; Shattuck, 1992c: 153; Shattuck, 1994: 156; Bolton, 1994: 26; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 93; Bolton, 2003: 92; Bolton, 2007a: 4.

Technomyrmex as senior synonym of *Engramma*: Shattuck, 1992c: 153; Shattuck, 1994: 156; Bolton, 1994: 26; Bolton, 1995b: 48; Bolton, 2003: 92; Bolton, 2007a: 4.

Technomyrmex as senior synonym of *Tapinoptera*: Fisher & Bolton, 2007: 66 (in text); Bolton, 2007a: 4.

Technomyrmex catalogues: Dalla Torre, 1893: 166; Emery, 1913a: 38, 42 (*Engramma*, *Technomyrmex*); Wheeler, W.M. 1922a: 922, 925 (Afrotropical *Engramma*, *Technomyrmex*); Wheeler, W.M. 1922a: 1034 (Madagascar); Taylor & Brown, 1985: 106 (Australia); Taylor, 1987a: 77 (Australia, New Caledonia & New Zealand); Shattuck, 1994: 156; Bolton, 1995b: 402; Fisher & Bolton, 2016: 426 (Afrotropical, Madagascar checklist).

Technomyrmex references: Forel, 1878: 380 (diagnosis); Bingham, 1903: 301 (India, Sri Lanka & Burma species key); Emery, 1913a: 38 (*Engramma* diagnosis); Emery, 1913a: 42 (*Technomyrmex* diagnosis); Arnold, 1915: 147 (diagnosis, South Africa species key); Wheeler, W.M. 1922a: 201, 209 (*Engramma*, *Technomyrmex* diagnoses); Wheeler, W.M. 1922a: 202 (*Engramma* species key); Shattuck, 1992c: 153 (diagnosis, review of genus); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 118 (China species key); Collingwood & Agosti, 1996: 360 (Saudi Arabia species key); Shattuck, 1999: 83 (Australia synopsis); Zhou, 2001b: 158 (China, Guangxi species key); Bolton, 2007a: 1 (**all species revision, keys**; Afrotropical & West Palaearctic species key: 13; Malagasy species key: 43; East Palaearctic, Oriental, Malesian & Polynesian species key: 59; Austral species key: 108; New World species key: 119); Fernández & Guerrero, 2008: 110 (New World synopsis, key); Terayama, 2009: 200 (Taiwan species key); Yoshimura & Fisher, 2011: 14 (Malagasy males); Sharaf, *et al.* 2011: 15 (Arabian Peninsula species key); Fisher & Bolton, 2016: 426 (diagnosis); Sharaf, *et al.* 2018: 39 (Arabian Peninsula species key); Yamane, Leong & Lin, 2018: 36 (Taiwan species key); Guerrero, 2019: 718 (Colombia species key).

TELEUTOMYRMEX [junior synonym of *Tetramorium*]

Teleutomyrmex Kutter, 1950a: 82. Type-species: *Teleutomyrmex schneideri* Kutter, 1950a: 82, by original designation.

Taxonomic history

Teleutomyrmex in Myrmicinae, Tetramoriini: Kutter, 1950a: 81 [subtribe *Teleutomyrmini*]; subsequent authors; Bolton, 1976: 309; Bolton, 1995b: 48; Bolton, 2003: 226.

Teleutomyrmex as genus: Bolton, 1976: 309; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 48; Bolton, 2003: 63, 226; Kiran, *et al.* 2017: 153.

Teleutomyrmex as junior synonym of *Tetramorium*: Ward, *et al.* 2015: 76.

[Note: some authors would prefer to retain *Teleutomyrmex* as a paraphyletic genus: Seifert, Buschinger, *et al.* 2016: 237. The compiler of this catalogue emphatically supports monophyly, in agreement with Ward, Brady, *et al.* 2016: 489.]

Teleutomyrmex references: Kiran, *et al.* 2017: 153 (all species key).

TEMNOTHORAX [Myrmicinae: Crematogastrini]

Temnothorax Mayr, 1861: 68. Type-species: *Myrmica recedens* Nylander, 1856b: 94, by monotypy.

Taxonomic history

Temnothorax in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

Temnothorax in Myrmicinae: Mayr, 1861: 68 [Myrmicidae]; Mayr, 1865: 21 [Myrmicidae]; Dours, 1873: 168 [Myrmicidae]; Forel, 1874: 82 [Myrmicidae]; Emery & Forel, 1879: 459 [Myrmicidae]; Dalla Torre, 1893: 122 [Myrmicinae].

Temnothorax in Myrmicinae, Leptocephalini: Forel, 1917: 245; Emery, 1924d: 259; Donisthorpe, 1943g: 731.

Temnothorax in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 2003: 70, 252.

Temnothorax in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Formicoxenus* genus group: Blaimer, *et al.* 2018: 5.

Temnothorax as subgenus of *Leptocephalus*: Forel, 1892i: 315; Dalla Torre, 1893: 122; Ruzsky, 1905b: 158; Wheeler, W.M. 1910g: 139; Emery, 1915g: 24; Forel, 1915d: 27; Emery, 1916b: 176; Forel, 1917: 245; Bondroit, 1918: 117; Wheeler, W.M. 1922a: 679; Emery, 1924d: 259; Donisthorpe, 1943g: 731.

Temnothorax as junior synonym of *Leptocephalus*: Forel, 1890a: lxxii; Baroni Urbani, 1971c: 96; Brown, 1973b: 185 [provisional]; Bolton, 1982: 319; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 93; Bolton, 1994: 105; Bolton, 1995b: 48.

Temnothorax as genus: Mayr, 1863: 456; Roger, 1863b: 30; Mayr, 1865: 20; Dours, 1873: 168; Forel, 1874: 82; Bernard, 1967: 185; Arnol'di & Dlussky, 1978: 543; Dlussky & Fedoseeva, 1988: 79; Atanasov & Dlussky, 1992: 125; Bolton, 2003: 70, 252, 270.

Temnothorax as senior synonym of *Antillaemyrmex*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Chalepoxenus*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Croesomyrmex*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Dichocephalus*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Epimyrma*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Gonepimyrma*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Icocephalus*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Leonomyrma*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Macromischa*: Bolton, 2003: 252, 270.

Temnothorax as senior synonym of *Myrafant*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Myrmammophilus*: Bolton, 2003: 253, 270.

Temnothorax as senior synonym of *Myrmetaerus*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Myrmoxenus*: Ward, *et al.* 2015: 75.

Temnothorax as senior synonym of *Protomognathus*: Ward, *et al.* 2015: 75.

Temnothorax catalogues: Emery, 1924d: 262, 263 (*Myrmoxenus*, *Epimyrma*); Bolton, 1995b: 188 (*Epimyrma*); Fisher & Bolton, 2016: 429 (Afrotropical checklist).

Temnothorax references: Emery, 1916b: 189 (*Epimyrma* Italy species key); Bondroit, 1918: 139 (*Epimyrma* France & Belgium species key); Emery, 1924d: 262, 263 (*Myrmoxenus*, *Epimyrma* diagnoses); Menozzi, 1931c: 36 (*Epimyrma* diagnosis, all species key); Bernard, 1967: 216 (*Epimyrma* diagnosis, Western Europe species key); Kutter, 1973e: 281 (*Epimyrma* species, notes); Kutter, 1977c: 138 (*Epimyrma* Switzerland species key); Buschinger, Fischer, *et al.* 1987: 253 (*Epimyrma* partial revision); Agosti & Collingwood, 1987b: 276 (*Epimyrma* Balkans species key); Buschinger, 1989: 265 (*Epimyrma* evolution, speciation); Seifert, 1996b: 118

(*Myrmoxenus* Central Europe species key); Cagniant & Espadaler, 1997: 268 (*Epimyrma* Morocco species key); Bolton, 2003: 270, 271 (***Temnothorax* genus diagnosis, component species**). Radchenko, 2004: 131 (Eastern Palaearctic species key); Radchenko, 2005b: 193 (North Korea species key); Seifert, 2007: 117, 120 (*Myrmoxenus*, *Leptocephalus*, *Temnothorax* North and Central Europe species key); Terayama, 2009: 181 (Taiwan species key); Zhou, *et al.* 2010: 9 (China species key); Eguchi, *et al.* 2011: 29 (diagnosis, Vietnam synopsis); Czechowski, *et al.* 2012: 366 (Poland species key); Bharti, Gul & Schulz, 2012: 334 (India species key); Snelling, R.R. *et al.* 2014: 80 (California species key); Prebus, 2015: 29 (Afrotropical species key); Salata & Borowiec, 2015c: 139, 147 (Eastern Mediterranean *T. recedens* group, *T. muellerianus* group keys); Csösz, Heinze & Mikó, 2015: 12 (*T. nylanderi* group key); Bharti, Gul & Sasi, 2016: 752 (India species key); Fisher & Bolton, 2016: 428 (diagnosis); Galkowski & Lebas, 2016: 83 (species with body entirely black, key); Radchenko, 2016: 214 (Ukraine species key); Sharaf, Akbar, *et al.* 2017: 10 (Arabian Peninsula species key); Prebus, 2017: 1 (phylogeny, biogeography, natural history); Salata, Borowiec & Trichas, 2018: 801 (Greece: Crete I. species key); Fernández & Serna, 2019: 825 (Colombia species); Salata & Borowiec, 2019b: 86, 91, 121 (Greece species groups, species group key, *T. aveli* group key); Sharaf & Aldawood, 2019b: 607 (Arabian Peninsula species key).

[Note: prior to 2003 *Temnothorax* references are included under *Leptocephalus*.]

TERATANER [Myrmicinae: Crematogastrini]

Terataner Emery, 1912b: 103. Type-species: *Atopomyrmex foreli* Emery, 1899f: 274, by original designation.

Taxonomic history

Terataner in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Santschi, 1914b: 72; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 241 [subtribe Podomyrmini]; subsequent authors.

Terataner in Myrmicinae, Podomyrmini: Dlussky & Fedoseeva, 1988: 79.

Terataner in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 48; Bolton, 2003: 70, 253.

Terataner in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Cataulacus* genus group: Blaimer, *et al.* 2018: 7.

Terataner as genus: all authors.

Terataner as senior synonym of *Tranetera*: Brown, 1973b: 185 [provisional]; Bolton, 1981b: 288; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 48; Bolton, 2003: 253.

***Terataner* catalogues:** Wheeler, W.M. 1922a: 885, 1028 (Afrotropical, Malagasy); Emery, 1924d: 241; Bolton, 1995b: 403; Fisher & Bolton, 2016: 431 (Afrotropical, Malagasy checklist).

***Terataner* references:** Emery, 1924d: 241 (diagnosis); Arnold, 1952b: 129 (review of genus); Bolton, 1973a: 349 (diagnosis); Kugler, C. 1979b: 260 (sting structure); Bolton, 1981b: 288, 290, 297 (diagnosis, **Afrotropical species revision key, Malagasy species key**); Fisher & Bolton, 2016: 430 (diagnosis); Hita Garcia, Fischer, *et al.* 2017: 11 (Madagascar species key).

TERATOMYRMEX [Formicinae: Melophorini]

Teratomyrmex McAreavey, 1957: 54. Type-species: *Teratomyrmex greavesi* McAreavey, 1957: 55, by original designation.

Taxonomic history

Teratomyrmex in Formicinae, Formicini: Wheeler, G.C. & Wheeler, J. 1985: 258.

Teratomyrmex incertae sedis in Formicinae: Dlussky & Fedoseeva, 1988: 77.

Teratomyrnex in Formicinae, Formicini + Lasiini: Hölldobler & Wilson, 1990: 18.
Teratomyrnex in Formicinae, *Formica* genus group: Agosti, 1991: 295.
Teratomyrnex in Formicinae, Lasiini: McAreavey, 1957: 54; Bolton, 1994: 50; Bolton, 1995b: 48; Bolton, 2003: 22, 100.
Teratomyrnex in Formicinae, Melophorini: Ward, Blaimer & Fisher, 2016: 347.
Teratomyrnex as genus: all authors.
[Note: *Teratomyrnex* incorrectly given as a junior synonym of *Pseudolasius* by Tang, J., Li, *et al.* 1995: 111.]
Teratomyrnex catalogues: Taylor & Brown, 1985: 149; Taylor, 1987a: 78; Bolton, 1995b: 403.
Teratomyrnex references: Shattuck, 1999: 116 (synopsis); Shattuck & O'Reilly, 2013: 296 (all species revision, key).

TERMITOPONE [junior synonym of *Neoponera*]

Termitopone Wheeler, W.M. 1936d: 159. Type-species: *Ponera laevigata* Smith, F. 1858b: 98, by original designation.

Taxonomic history

Termitopone in Ponerinae, Ponerini: Donisthorpe, 1943g: 731; Kempf, 1972a: 248.

Termitopone as genus: Kempf, 1972a: 248; Brandão, 1991: 381.

Termitopone as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 39; Bolton, 2003: 168; Mackay & Mackay, 2010: 3.

Termitopone as junior synonym of *Neoponera*: Schmidt, C.A. & Shattuck, 2014: 145.

TETHEAMYRMA [Myrmicinae: Crematogastrini]

Tetheamyrma Bolton, 1991: 9. Type-species: *Tetheamyrma subspongia* Bolton, 1991: 10, by original designation.

Taxonomic history

Tetheamyrma in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 48, 403; Bolton, 2003: 59, 206.

Tetheamyrma in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Mayriella* genus group: Blaimer, *et al.* 2018: 7.

Tetheamyrma as genus: all authors.

Tetheamyrma references: General & Buenavente, 2018: 46 (diagnosis, all species key).

TETRAMORIUM [Myrmicinae: Crematogastrini]

Tetramorium Mayr, 1855: 423. Type-species: *Formica caespitum* Linnaeus, 1758: 581, by subsequent designation of Girard, 1879: 1016.

Taxonomic history

Tetramorium in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

Tetramorium in Myrmicinae: Mayr, 1855: 423 [Myrmicidae]; Mayr, 1861: 61 [Myrmicidae]; Mayr, 1865: 20 [Myrmicidae]; Dours, 1873: 168 [Myrmicidae]; Forel, 1874: 72 [Myrmicidae]; Emery & Forel, 1879: 457 [Myrmicidae]; Dalla Torre, 1893: 130 [Myrmicinae].

Tetramorium in Myrmicinae, Myrmicini: Forel, 1895b: 125; Forel, 1899c: 52; Kusnezov, 1964: 57.

Tetramorium in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Emery, 1896e: 182; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Emery, 1916b: 193; Arnold, 1917: 271; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 275; subsequent

authors; Kempf, 1972a: 249; Bolton, 1976: 359; Bolton, 1980: 194; Brandão, 1991: 381; Bolton, 1995b: 48; Bolton, 2003: 63, 226.

Tetramorium in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Carebara* genus group: Blaimer, *et al.* 2018: 7.

Tetramorium as subgenus of *Myrmica*: Smith, F. 1858b: 117.

Tetramorium as genus: all authors except for Smith, F. 1858b: 117.

Tetramorium as senior synonym of *Acidomyrmex*: Ward, *et al.* 2015: 75 [by implication as *Rhoptromyrmex* synonymised with *Tetramorium*].

Tetramorium as senior synonym of *Anergates*: Ward, *et al.* 2015: 76.

Tetramorium as senior synonym of *Apomyrmex*: Bolton, 2003: 227, 269.

Tetramorium as senior synonym of *Atopula*: Bolton, 1976: 359, 362; Bolton, 1980: 195; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 99; Bolton, 1994: 106; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 227.

Tetramorium as senior synonym of *Decamorium*: Hita Garcia & Fisher, 2014a: 71.

Tetramorium as senior synonym of *Hagioxenus*: Ward, *et al.* 2015: 75 [by implication as *Rhoptromyrmex* synonymised with *Tetramorium*].

Tetramorium as senior synonym of *Ireneella*: Ward, *et al.* 2015: 75 [by implication as *Rhoptromyrmex* synonymised with *Tetramorium*].

Tetramorium as senior synonym of *Lobomyrmex*: Brown, 1973b: 181 [provisional]; Bolton, 1976: 359, 364; Bolton, 1980: 196; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 99; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 227.

Tetramorium as senior synonym of *Macromischoides*: Bolton, 1976: 359, 363; Bolton, 1980: 196; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 99; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 227.

Tetramorium as senior synonym of *Rhoptromyrmex*: Ward, *et al.* 2015: 75.

Tetramorium as senior synonym of *Teleutomyrmex*: Ward, *et al.* 2015: 76.

Tetramorium as senior synonym of *Tetrogmus*: Roger, 1862c: 297; Mayr, 1863: 456; Mayr, 1872: 151; Dours, 1873: 168; Forel, 1891b: 150; Dalla Torre, 1893: 130; Emery, 1924d: 275; Donisthorpe, 1943g: 732; Kempf, 1972a: 249; Bolton, 1973a: 355; Bolton, 1976: 359; Smith, D.R. 1979: 1400; Bolton, 1980: 195; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 99; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 226.

Tetramorium as senior synonym of *Triglyphothrix*: Bolton, 1985: 247; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 382; Ogata, 1991b: 99; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 226.

Tetramorium as senior synonym of *Xiphomyrmex*: Bingham, 1903: 175; Bolton, 1976: 359; Bolton, 1977: 69; Bolton, 1979: 130; Smith, D.R. 1979: 1400; Bolton, 1980: 195; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 381; Ogata, 1991b: 99; Bolton, 1994: 106; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 226.

[*Sulcomyrmex* Kratochvíl, in Novák & Sadil, 1941. Unavailable name; included taxa referable to *Tetramorium* (Bolton, 1976: 359, 364; Bolton, 1980: 196; Ogata, 1991b: 99; Bolton, 1995b: 48; Bolton, 2003: 227).]

Tetramorium catalogues: Mayr, 1863: 456; Roger, 1863b: 26, 27 (*Tetramorium*, *Tetrogmus*); Emery & Forel, 1879: 457 (*Anergates*, *Tetramorium* Europe); Cresson, 1887: 261 (U.S.A.); Dalla Torre, 1893: 64, 130, 135 (*Anergates*, *Tetramorium*, *Triglyphothrix*); Arnold, 1917: 351 (*Rhoptromyrmex* diagnosis, South Africa species key); Wheeler, W.M. 1922a: 886, 889, 893, 906, 908, 909 (Afrotropical *Atopula*, *Macromischoides*, *Tetramorium*, *Decamorium*,

Xiphomyrmex, *Rhopstromyrmex*, *Triglyphothrix*); Wheeler, W.M. 1922a: 1030, 1031, 1032 (Malagasy *Tetramorium*, *Xiphomyrmex*, *Triglyphothrix*); Emery, 1922e: 186, 205, 289, 290 (*Hagioxenus*, *Anergates*, *Rhopstromyrmex*, *R. (Acidomyrmex)*); Emery, 1924d: 242, 272, 275, 286, 289 (*Atopula*, *Triglyphothrix*, *Tetramorium*, *Xiphomyrmex*, *Decamorium*); Chapman & Capco, 1951: 173, 174, 178, 179 (Asia *Tetramorium*, *Acidomyrmex*, *Ireneela*, *Rhopstromyrmex*, *Triglyphothrix*, *Xiphomyrmex*); Smith, M.R. 1951a: 815, 823, 823, 824 (North America *Anergates*, *Tetramorium*, *Triglyphothrix*, *Xiphomyrmex*); Kempf, 1972a: 249, 255 (Neotropical *Tetramorium*, *Triglyphothrix*); Smith, D.R. 1979: 1399, 1400, 1401 (North America *Triglyphothrix*, *Tetramorium*, *Anergates*); Taylor & Brown, 1985: 86, 88 (Australia *Rhopstromyrmex*, *Tetramorium*); Taylor, 1987a: 67, 78 (Australia, New Caledonia & New Zealand *Rhopstromyrmex*, *Tetramorium*); Bolton, 1995b: 63, 168, 377, 403 (*Anergates*, *Decamorium*, *Rhopstromyrmex*, *Teleutomyrmex*, *Tetramorium*); Fisher & Bolton, 2016: 434 (Afrotropical, Malagasy checklist).

Tetramorium references: Mayr, 1861: 61 (diagnosis, Europe species key); Mayr, 1865: 20 (diagnosis); Mayr, 1870b: 972 (all species key); André, 1882c: 278 (Anergates Europe & Algeria); André, 1883a: 285 (Europe & Algeria species key); Emery, 1893e: 214 (*Triglyphothrix* species key); Forel, 1903a: 700, 703 (India & Sri Lanka *Tetramorium*, *Triglyphothrix* species keys); Bingham, 1903: 172, 175 (India, Sri Lanka & Burma *Triglyphothrix*, *Tetramorium* species keys); Ruzsky, 1905b: 517 (Russian Empire species key); Emery, 1909d: 695 (Palaearctic species key); Emery, 1916b: 195 (Italy species key); Arnold, 1917: 271, 275, 334, 345, 349 (diagnosis, South Africa *Tetramorium* (*Tetramorium*), *T. (Triglyphothrix)*, *T. (Xiphomyrmex)*, *T. (Decamorium)*, species keys); Bondroit, 1918: 106 (France & Belgium species key); Mann, 1919: 353 (Papuasia *Triglyphothrix* species key); Wheeler, W.M. 1922a: 187, 190, 193, 196 (*Macromischoides*, *Tetramorium*, *Xiphomyrmex*, *Triglyphothrix* diagnoses); Emery, 1922e: 205 (*Anergates* diagnosis); Emery, 1924d: 242, 272, 275, 286, 289 (*Atopula*, *Triglyphothrix*, *Tetramorium*, *Xiphomyrmex*, *Decamorium* diagnoses); Santschi, 1924b: 210 (*Macromischoides* species key); Arnold, 1926: 241 (South Africa *Tetramorium* (*Tetramorium*) species key); Menozzi, 1933b: 74 (Israel species key); Finzi, 1936: 183 (Egypt species key); Smith, M.R. 1938a: 127 (North America *Xiphomyrmex* species key); Kratochvíl, 1941: 84 (Central Europe species key); Novák & Sadil, 1941: 84 (Central Europe species key); Smith, M.R. 1943b: 2 (North America species key); Kratochvíl, Novák & Šnoflák, 1944: 76, 95 (Central Europe species key); Creighton, 1950a: 241, 290 (*Anergates*, *Tetramorium* **Nearctic species key**: 290; *Xiphomyrmex* **Nearctic species key**: 293); Brown, 1958h: 27 (New Zealand species); Brown, 1964c: 11 (*Rhopstromyrmex* diagnosis, **all species revision, key**); Ettershank, 1966: 157 (*Anergates* diagnosis, review of genus); Bernard, 1967: 227 (*Tetramorium* diagnosis, Western Europe species key); Bernard, 1967: 239, 241 (*Teleutomyrmex*, *Anergates* diagnoses); Alayo, 1974: 18 (Cuba species key); Tarbinsky, 1976: 105 (Kyrgyzstan species key); Bolton, 1976: 297 (*Decamorium* diagnosis, **all species revision, key**); Bolton, 1976: 298 (*Rhopstromyrmex* diagnosis, **all species key**); Bolton, 1976: 310 (*Triglyphothrix* diagnosis, **all species revision**; **Afrotropical species key**: 314, **Oriental, Indo-Australian, Polynesian species key**: 341); Bolton, 1976: 296, 309, 359 (*Anergates*, *Teleutomyrmex*, *Tetramorium* diagnosis, review of genus, synonymy); Bolton, 1977: 69 (*Tetramorium* diagnosis, **Oriental and Indo-Australian, all species revision, key**: 72; **Australian, all species revision, key**: 133); Kutter, 1977c: 150 (Switzerland species key); Arnol'di & Dlussky, 1978: 544 (former European U.S.S.R. species key); Collingwood, 1978: 86 (Iberian Peninsula species key); Collingwood, 1979: 82 (Fennoscandia & Denmark species key); Bolton, 1979: 130 (*Tetramorium* **Malagasy, all species**

revision, key: 132; **New World, all species revision, key:** 159; *T. obtusidens* complex: 177); Bolton, 1980: 195 (diagnosis, review of genus, **Afrotropical, all species revision, key:** 205); Collingwood, 1985: 262 (Saudi Arabia species key); Gösswald, 1985: 311 (Germany species key); Bolton, 1986a: 5 (*Rhoptromyrmex* diagnosis, **review of genus, all species key**); Agosti & Collingwood, 1987b: 277 (Balkans species key); Wang, M., Xiao & Wu, 1988: 264 (China species key); Radchenko & Arakelian, 1990: 371 (Crimea & Caucasus *T. ferox* complex, key); Dlussky, *et al.* 1990: 197 (Turkmenistan species key); Ogata, 1991b: 99 (diagnosis, Japan); Atanasov & Dlussky, 1992: 149 (Bulgaria species key); Radchenko, 1992a: 44 (former U.S.S.R. species key); Morisita, *et al.* 1992: 33 (Japan species key); Arakelian, 1994: 60 (Armenia species key); Radchenko, 1994b: 109 (South Siberia species key); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 79 (China species key); Collingwood & Agosti, 1996: 332 (Saudi Arabia species key); Seifert, 1996b: 158 (Central Europe species key); Cagniant, 1997: 89 (Morocco species key); Dlussky, 1997: 57 (in Baltic amber genera key); Radchenko, *et al.* 1998: 107 (Poland species key); Collingwood & Prince, 1998: 17 (Portugal species key); Sanetra, Güsten & Schulz, 1999: 317 (Italy, species); Shattuck, 1999: 163, 168 (*Rhoptromyrmex*, *Tetramorium* Australia synopsis); Sanetra & Buschinger, 2000: 95 (*Anergates*, *Teleutomyrmex* phylogeny); Chang & He, 2001a: 1 (northwest China species key); Zhou, 2001b: 100 (China, Guangxi species key); Czechowski, *et al.* 2002: 145 (Poland species key); Mackay & Mackay, 2002: 214 (U.S.A., New Mexico species key); Seifert, 2007: 145 (North and Central Europe species key); Csösz, *et al.* 2007: 8 (*T. chefketi* complex key); Terayama, 2009: 162 (Taiwan species key); Heterick, 2009: 177 (south-western Australia species key); Csösz & Schulz, 2010: 12 (*T. ferox* complex key); Hita Garcia, Fischer & Peters, 2010b: 12 (Afrotropical *T. weitzeckeri* species group key); Eguchi, *et al.* 2011: 30 (diagnosis, Vietnam synopsis); Vásquez-Bolaños, *et al.* 2011: 454 (Neotropical *T. tortuosum* group key); Sharaf, Aldawood & Taylor, 2012: 7 (Arabia species key); Hita Garcia & Fisher, 2012a: 10, 31, 57, 91, 113 (Malagasy *T. bessonii*, *T. bonibony*, *T. dysalum*, *T. marginatum*, *T. tsingy* group keys); Bharti & Kumar, 2012b: 29 (India species key); Czechowski, *et al.* 2012: 369 (Poland species key); Sarnat & Economo, 2012: 137 (Fiji Is species key); Hita Garcia & Fisher, 2012b: 8, 14 (Malagasy *T. kelleri*, *T. tortuosum* species groups keys); Hita Garcia & Fisher, 2013: 84 (*T. capillosum* complex key); Hita Garcia & Fisher, 2014a: 77 (*T. decem* group key); Hita Garcia & Fisher, 2014c: 10, 31, 58, 108 (Malagasy *T. naganum*, *T. plesiarum*, *T. schaufussii* groups keys); Hita Garcia & Fischer, 2014: 7 (*T. weitzeckeri* complex key); Hita Garcia & Fisher, 2015: 129 (Malagasy species groups key); Radchenko & Scupola, 2015: 240 (*T. striativentre* group key); Baccaro, *et al.* 2015: 278 (genus in Brazil); Fisher & Bolton, 2016: 433 (diagnosis); Radchenko, 2016: 243 (Ukraine species key); Agavekar, *et al.* 2017: 11, 24, 36 (India species groups key, India *T. inglebyi* group key, India *T. tonganum* group key); Salata & Borowiec, 2017: 306 (Balkans & Turkey *T. semilaeve* complex key); Wagner, *et al.* 2017: 121 (*T. caespitum* complex, key); Mbanyana, *et al.* 2018: 6 (*T. solidum* group key); Fernández & Serna, 2019: 827 (Colombia species key).

TETRAMYRMA [junior synonym of *Nesomyrmex*]

Tetramyrma Forel, 1912m: 766 [as subgenus of *Dilobocondyla*]. Type-species: *Dilobocondyla (Tetramyrma) braunsi* Forel, 1912m: 767, by monotypy.

Taxonomic history

Tetramyrma in Myrmicinae, Tetramoriini: Emery, 1914a: 42; Forel, 1917: 245; Arnold, 1917: 358; Wheeler, W.M. 1922a: 664; Emery, 1924d: 291; Donisthorpe, 1943g: 732; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80.

Tetramyrma in Myrmicinae, Leptocephalini: Bolton, 1976: 292.
Tetramyrma as subgenus of *Dilobocondyla*: Forel, 1912m: 766.
Tetramyrma as genus: Forel, 1913a: 122; Emery, 1914a: 42; Forel, 1917: 245; Arnold, 1917: 358; Wheeler, W.M. 1922a: 664; Emery, 1924d: 291; Donisthorpe, 1943g: 732; Bolton, 1976: 291; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80.
Tetramyrma as junior synonym of *Leptocephalus*: Bolton, 1982: 319; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 93; Bolton, 1994: 105; Bolton, 1995b: 48.
Tetramyrma as junior synonym of *Nesomyrmex*: Bolton, 2003: 249, 272.

TETRAPONERA [Pseudomyrmecinae]

Tetraponera Smith, F. 1852: 44. Type-species: *Tetraponera atrata* Smith, F. 1852: 44 (junior synonym of *Eciton nigrum* Jerdon, 1851: 112), by subsequent designation of Wheeler, W.M. 1911f: 173.

Taxonomic history

Tetraponera in Formicidae, Poneridae: Smith, F. 1857a: 70.

Tetraponera in Myrmicinae: Smith, F. 1877b: 68.

Tetraponera in Myrmicinae, Pseudomyrmecinae: Forel, 1917: 240; Emery, 1921f: 24.

Tetraponera in Pseudomyrmecinae: Wheeler, W.M. 1922a: 654; subsequent authors.

Tetraponera in Pseudomyrmecinae: Taylor & Brown, 1985: 17; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 48; Bolton, 2003: 31, 136.

Tetraponera as junior synonym of *Pseudomyrma*: Smith, F. 1858b: 153; Mayr, 1863: 451; Roger, 1863b: 24; Forel, 1899c: 86.

Tetraponera as junior synonym of *Sima*: Dalla Torre, 1893: 53; Bingham, 1903: 107; Emery, 1917a: 95; Emery, 1921f: 21.

[Note: Dalla Torre, Bingham and Emery give *Sima* as senior synonym, but *Tetraponera* has priority.]

Tetraponera as subgenus of *Sima*: Emery, 1900d: 673; Emery, 1915b: 266; Arnold, 1916: 180; Forel, 1917: 240; Emery, 1921f: 24; Santschi, 1935b: 266.

Tetraponera as genus: Smith, F. 1857a: 70; Smith, F. 1877b: 68; Donisthorpe, 1916b: 244; Wheeler, W.M. 1922a: 654; Bolton, 1973a: 358; Taylor & Brown, 1985: 17; Hölldobler & Wilson, 1990: 12; Ward, 1990: 470; Bolton, 1994: 184; Bolton, 1995b: 48; Dlussky, 1997: 61; Bolton, 2003: 31, 136.

Tetraponera as senior synonym of *Pachysima*: Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 46; Bolton, 2003: 136.

Tetraponera as senior synonym of *Parasima*: Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 46; Bolton, 2003: 136.

Tetraponera as senior synonym of *Sima*: Smith, F. 1877b: 68; Donisthorpe, 1916b: 244; Wheeler, W.M. 1920: 47; Wheeler, W.M. 1922a: 105 (in text); Donisthorpe, 1943g: 726; Bolton, 1973a: 358; Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 46; Bolton, 2003: 136.

Tetraponera as senior synonym of *Viticicola*: Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 46; Bolton, 2003: 136.

Tetraponera catalogues: Roger, 1863b: 25 (*Sima*); Mayr, 1863: 453; Smith, F. 1877b: 68; Dalla Torre, 1893: 53; Emery, 1921f: 23, 23, 25 (*Sima* (*Pachysima*), *S.* (*Sima*), *S.* (*Tetraponera*)); Wheeler, W.M. 1922a: 795, 801 (Afrotropical *Tetraponera*, *Viticicola*, *Pachysima*); Wheeler, W.M. 1922a: 1014 (Malagasy); Taylor & Brown, 1985: 17 (Australia); Taylor, 1987a: 79 (Australia); Bolton, 1995b: 416; Fisher & Bolton, 2016: 441 (Afrotropical, Malagasy checklist).

Tetraponera references: Mayr, 1865: 25 (*Sima* diagnosis); Mayr, 1867a: 82 (*Sima* diagnosis); Mayr, 1868b: 101 (*Baltic Amber species key); Emery, 1899c: 6 (larvae); Emery, 1900d: 673 (Asia & Australia species key); Forel, 1903a: 708 (India & Sri Lanka species key); Bingham, 1903: 107 (India, Sri Lanka & Burma species key); Arnold, 1916: 173 (*Sima* diagnosis, South Africa species key); Emery, 1921f: 22 (subgenera key); Emery, 1921f: 21, 22, 24 (*Sima*, *S.* (*Pachysima*), *S.* (*Tetraponera*) diagnoses); Wheeler, W.M. 1922a: 112 (*Pachysima* species key); Wheeler, W.M. 1922a: 104, 107, 112 (*Tetraponera*, *Viticicola*, *Pachysima* diagnoses); Wu, J. & Wang, 1990: 516 (China species key); Dlussky & Radchenko, 1990: 120 (Vietnam species key); Ward, 1990: 470 (diagnosis, review of genus, phylogeny); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 55 (China species key); Collingwood & Agosti, 1996: 312 (Saudi Arabia species key); Dlussky, 1997: 55 (in Baltic amber genera key); Shattuck, 1999: 208 (Australia synopsis); Zhou, 2001b: 64 (China, Guangxi species key); Ward, 2001: 596 (**Oriental & Australian, all species revision, key**); Xu & Chai, 2004: 64 (China species key); Ward, 2006: 120 (Afrotropical species groups key); Ward, 2006: 123 (*T. ambigua* group key); Ward, 2009: 288 (*T. grandidieri* group key); Dlussky, 2009: 1084 (Eocene amber species key); Terayama, 2009: 128 (Taiwan species key); Eguchi, *et al.* 2011: 31 (diagnosis, Vietnam synopsis); Bharti & Akbar, 2014: 46 (India species key); Fisher & Bolton, 2016: 441 (diagnosis).

TETROGMUS [junior synonym of *Tetramorium*]

Tetrogmus Roger, 1857: 10. Type-species: *Tetrogmus caldarius* Roger, 1857: 12, by monotypy.

Taxonomic history

Tetrogmus as genus: Roger, 1863b: 27.

Tetrogmus as subgenus of *Tetramorium*: Wheeler, W.M. 1910g: 141; Santschi, 1914b: 106.

Tetrogmus as junior synonym of *Tetramorium*: Roger, 1862c: 297; Mayr, 1863: 456; Mayr, 1872: 151; Dours, 1873: 168; Forel, 1891b: 150; Dalla Torre, 1893: 130; Emery, 1924d: 275; Donisthorpe, 1943g: 732; Kempf, 1972a: 249; Bolton, 1973a: 355; Bolton, 1976: 359; Smith, D.R. 1979: 1400; Bolton, 1980: 195; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 99; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 226.

[*TETROGINUS*: incorrect subsequent spelling by Wheeler, W.M. 1933a: 59.]

**THANACOMYRMEX* [Myrmicinae: Crematogastrini]

**Thanacomyrmex* Chény, *et al.* 2019: 591. Type-species: **Thanacomyrmex hoffeinsorum* Chény, *et al.* 2019: 592, by original designation.

Taxonomic history

**Thanacomyrmex* in Myrmicinae, Crematogastrini: Chény, *et al.* 2019: 595 (in text).

THAUMATOMYRMEX [Ponerinae: Ponerini]

Thaumatomyrmex Mayr, 1887: 530. Type-species: *Thaumatomyrmex mutilatus* Mayr, 1887: 531, by monotypy.

Taxonomic history

Thaumatomyrmex in Ponerinae: Dalla Torre, 1893: 46 [Ponerinae]; Emery, 1896e: 176 [Ponerinae].

Thaumatomyrmex in Pachycondylinae, Cylindromyrmecini: Ashmead, 1905b: 382.

Thaumatomyrmex in Ponerinae, Ectatommini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135.

Thaumatomyrmex in Ponerinae, Thaumatomyrmecini: Emery, 1901a: 36 [Thaumatomyrmecini]; Emery, 1911d: 48; Forel, 1917: 236; Wheeler, W.M. 1922a: 644; Donisthorpe, 1943g:

732; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164; Bolton, 1995b: 48; Bolton, 2003: 44, 171.

Thaumatomyrmex in Ponerinae, Ponerini: Forel, 1895b: 111; Kempf, 1972a: 250; Kempf, 1975b: 95; Brandão, 1991: 381; Jaffe, 1993: 8; in Ponerini, *Pachycondyla* genus group: Schmidt, C.A. & Shattuck, 2014: 159.

Thaumatomyrmex as genus: all authors.

***Thaumatomyrmex* catalogues:** Dalla Torre, 1893: 46; Emery, 1911d: 48; Kempf, 1972a: 250; Bolton, 1995b: 420; ; Schmidt, C.A. & Shattuck, 2014: 161 (species checklist).

***Thaumatomyrmex* references:** Emery, 1911d: 48 (diagnosis); Weber, 1939a: 98 (all species key); Weber, 1942b: 68 (all species key); Smith, M.R. 1944b: 98 (all species key); Kempf, 1975b: 95 (tribe revision, **all species revision, key**); Wheeler, G.C. & Wheeler, J. 1976b: 49 (larvae, review & synthesis); Longino, 1988: 35 (**all species revision**, diagnostics); Bolton, 1994: 164 (synoptic classification); Bolton, 2003: 44, 171 (diagnosis, synopsis); Baroni Urbani & De Andrade, 2003a: 276 (Cuba species key); Mackay, Mackay, *et al.* 2008: 211 (**all species key**); Jahyny, *et al.* 2008: 335 (Colombia species key); Schmidt, C.A. & Shattuck, 2014: 159 (diagnosis, synopsis); Baccaro, *et al.* 2015: 340 (genus in Brazil); Fernández & Guerrero, 2019: 547 (Colombia species key).

THEMPSONYRMEX: incorrect subsequent spelling of *Champsomyrmex*.

THERYELLA [junior synonym of *Stenamma*]

Theryella Santschi, 1921d: 68. Type-species: *Theryella myops* Santschi, 1921d: 68 (junior synonym of *Stenamma punctiventre* Emery, 1908c: 309), by monotypy.

Taxonomic history

Theryella as genus: Wheeler, W.M. 1922a: 677 (footnote); Donisthorpe, 1943g: 732.

Theryella as junior synonym of *Stenamma*: Santschi, 1923a: 136; Smith, D.R. 1979: 1357; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 80; Bolton, 1995b: 48; Bolton, 2003: 205.
[*Theryella* as junior synonym of *Proatta*: Snelling, R.R. 1981: 395 (error).]

THLIPSEPINOTUS [subgenus of *Camponotus*]

Thlipsepinotus Santschi, 1928e: 483 [as subgenus of *Camponotus*]. Type-species: *Camponotus claripes* Mayr, 1876: 64, by original designation.

Taxonomic history

Thlipsepinotus as subgenus of *Camponotus*: Santschi, 1928e: 483; subsequent authors; Bolton, 1995b: 48; Bolton, 2003: 119.

***Thlipsepinotus* references:** included under *Camponotus*.

[Note: world list of species in *C. (Thlipsepinotus)*: Bolton, 1995b: 131.]

TINGIMYRMEX [junior synonym of *Strumigenys*]

Tingimyrmex Mann, 1926: 104 [as subgenus of *Strumigenys*]. Type-species: *Strumigenys (Tingimyrmex) mirabilis* Mann, 1926: 105, by monotypy.

Taxonomic history

Tingimyrmex in Myrmicinae, Dacetini, Strumigeniti: Brown & Wilson, 1959b: 282; Brandão, 1991: 391.

Tingimyrmex in Myrmicinae, Dacetini: Brown, 1948e: 111; Donisthorpe, 1943g: 732; Brown, 1948e: 111; Kempf, 1972a: 250; Hölldobler & Wilson, 1990: 16; Bolton, 1995b: 48.

Tingimyrmex as subgenus of *Strumigenys*: Mann, 1926: 104; Donisthorpe, 1943g: 732.

Tingimyrmex as genus: Donisthorpe, 1943g: 732; Brown, 1948e: 111; Brown & Wilson, 1959b: 282; Kempf, 1972a: 250; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 391; Bolton, 1995b: 48.

Tingimyrmex as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91; Bolton, 2003: 189.

Tingimyrmex as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 101.

***TITANOMYRMA** [*Formiciinae]

**Titanomyrma* Archibald, *et al.* 2011: 3680. Type-species: **Formicium giganteum* Lutz, 1986: 190, by original designation.

Taxonomic history

**Titanomyrma* in *Formiciinae: Archibald, *et al.* 2011: 3680.

TITUSIA [*Nomen nudum*]

Titusia Ashmead, 1905b: 382. *Nomen nudum*.

Titusia as *nomen nudum*: Bolton, 2003: 266.

TOMOGNATHUS [junior homonym, replaced by *Harpagoxenus*]

Tomognathus Mayr, 1861: 56. Type-species: *Myrmica sublaevis* Nylander, 1849: 33, by monotypy.

Taxonomic history

[Junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]

Tomognathus in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

Tomognathus in Myrmicinae: Mayr, 1861: 56 [Myrmicidae]; Mayr, 1865: 23 [Myrmicidae]; Dours, 1873: 170 [Myrmicidae]; Emery & Forel, 1879: 457 [Myrmicidae]; Dalla Torre, 1893: 64 [Myrmicinae]; Emery, 1896e: 184 [Myrmicinae].

Tomognathus in Myrmicinae, Formicoxenini: Forel, 1893a: 165.

Tomognathus in Myrmicinae, Myrmicini: Emery, 1895j: 769.

Tomognathus as genus: Mayr, 1863: 457; Roger, 1863b: 26; Mayr, 1865: 23; Dours, 1873: 170; Emery & Forel, 1879: 457; Emery, 1877a: 81; Dalla Torre, 1893: 64; Emery, 1895j: 769; Emery, 1896e: 184.

Harpagoxenus Forel, 1893a: 167, replacement name for *Tomognathus* Mayr.

TRACHYMESOPUS [junior synonym of *Pseudoponera*]

Trachymesopus Emery, 1911d: 84 [as subgenus of *Euponera*]. Type-species: *Formica stigma* Fabricius, 1804: 400, by original designation.

Taxonomic history

Trachymesopus in Ponerinae, Ponerini: Emery, 1911d: 84; subsequent authors.

Trachymesopus as subgenus of *Euponera*: Emery, 1911d: 84; Santschi, 1914b: 50; Arnold, 1915: 74; Emery, 1916b: 104; Forel, 1917: 237; Wheeler, W.M. 1922a: 649; Borgmeier, 1923: 72; Donisthorpe, 1943g: 733; Creighton, 1950a: 46; Chapman & Capco, 1951: 65; Smith, M.R. 1951a: 786; Bernard, 1953b: 195; Viana & Haedo Rossi, 1957: 109.

Trachymesopus as genus: Wilson, 1958d: 352; Kempf, 1960f: 423; Brown, 1963: 6; Kempf, 1972a: 251; Bolton, 1973a: 340; Taylor & Brown, 1985: 52; Ogata, 1987: 114; Dlussky & Fedoseeva, 1988: 78; Brandão, 1991: 382.

Trachymesopus as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Tang, J., Li, et al. 1995: 39; Mackay & Mackay, 2010: 3.

Trachymesopus as junior synonym of *Pseudoponera*: Bolton, 1995b: 48; Bolton, 2003: 168; Schmidt, C.A. & Shattuck, 2014: 205.

[Note: type-species of *Pseudoponera* and *Trachymesopus* are synonymous; *Pseudoponera* has priority.]

[**TRACHYPONERA**: incorrect subsequent spelling by Santschi, 1928a: 43.]

TRACHYMYRMEX [Myrmicinae: Attini]

Trachymyrmex Forel, 1893e: 600 [as subgenus of *Atta*]. Type-species: *Atta septentrionalis* McCook, 1881a: 362, by subsequent designation of Wheeler, W.M. 1911f: 174.

Taxonomic history

Trachymyrmex in Cryptoceridae, Attinae: Ashmead, 1905b: 383.

Trachymyrmex in Myrmicinae, Attini: Forel, 1893e: 600; Emery, 1895j: 770; Emery, 1913b: 251; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 344; subsequent authors; Bolton, 1995b: 48; Bolton, 2003: 57, 200; Ward, et al. 2015: 77.

Trachymyrmex as subgenus of *Atta*: Forel, 1893e: 600 Emery, 1895j: 770; Forel, 1893e: 600; Forel, 1899c: 30; Wheeler, W.M. 1907c: 670; Wheeler, W.M. 1910g: 141.

Trachymyrmex as subgenus of *Cyphomyrmex*: Emery, 1913b: 251; Emery, 1924d: 344; Donisthorpe, 1943g: 733.

Trachymyrmex as subgenus of *Acromyrmex*: Forel, 1917: 247.

Trachymyrmex as genus: Ashmead, 1905b: 383; Gallardo, 1916b: 242; Gallardo, 1916d: 318; Wheeler, W.M. 1916c: 11; Luederwaldt, 1918: 39; Wheeler, W.M. 1922a: 669; Borgmeier, 1927c: 128; Borgmeier, 1950b: 384; Kusnezov, 1964: 63; Kempf, 1972a: 252; Brandão, 1991: 382; subsequent authors; Bolton, 1995b: 48; Bolton, 2003: 57, 200; Solomon, Rabeling, et al. 2019: 950.

Trachymyrmex catalogues: Emery, 1924d: 344; Smith, M.R. 1951a: 830 (North America); Kempf, 1972a: 252 (Neotropical); Smith, D.R. 1979: 1411 (North America); Brandão, 1991: 382 (Neotropical); Bolton, 1995b: 420.

Trachymyrmex references: Wheeler, W.M. 1911g: 248 (all species key); Emery, 1924d: 344 (diagnosis); Creighton, 1950a: 320 (**Nearctic species key**); Bolton, 1995a: 1053 (census); Mackay & Mackay, 2002: 38 (U.S.A., New Mexico species key); Mayhé-Nunes & Brandão, 2002: 672 (diagnosis, *T. opulentus* group key); Mayhé-Nunes & Brandão, 2005: 274 (*T. iheringi* group key); Brandão & Mayhé-Nunes, 2007: 72 (species group phylogeny). Mayhé-Nunes & Brandão, 2007: 4 (*T. jamaicensis* group key); Rabeling, et al. 2007: 4 (**Nearctic species revision, key**); Baccaro, et al. 2015: 264 (genus in Brazil); Sánchez-Peña, et al. 2017: 87 (Nearctic species key); Fernández & Serna, 2019: 877 (Colombia species key); Solomon, Rabeling, et al. 2019: 939, 948, 950 (phylogeny, species list, diagnosis).

[Note: prior to Solomon, Rabeling, et al. 2019: 939, references to species of *Mycetomoellerius* and *Paratrachymyrmex* are included here.]

TRACHYPHEIDOLE [junior synonym of *Pheidole*]

Trachypheidole Emery, 1915i: 190 [as subgenus of *Pheidole*]. Type-species: *Pheidole bicornis* Forel, 1899c: 74, by original designation.

Taxonomic history

Trachypheidole as subgenus of *Pheidole*: Forel, 1917: 241; Emery, 1922e: 111; Wheeler, W.M. 1922a: 673; subsequent authors; Kempf, 1972a: 205.

Trachypheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 89; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 54; Bolton, 2003: 235; Wilson, 2003: 6.

TRACHYPONERA: incorrect subsequent spelling of *Trachymesopus*.

TRANETERA [junior synonym of *Terataner*]

Tranetera Arnold, 1952b: 130 [as subgenus of *Terataner*]. Type-species: *Atopomyrmex bottegoi* Emery, 1896i: 155, by original designation.

Taxonomic history

Tranetera as junior synonym of *Terataner*: Brown, 1973b: 185 [provisional]; Bolton, 1981b: 288; Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 48; Bolton, 2003: 253.

TRANOPELTA [Myrmicinae: Attini]

Tranopelta Mayr, 1866a: 512. Type-species: *Tranopelta gilva* Mayr, 1866a: 514, by monotypy.

Taxonomic history

Tranopelta in Myrmicinae: Mayr, 1866a: 512 [Myrmicidae]; Dalla Torre, 1893: 74 [Myrmicinae].

Tranopelta in Myrmicidae, Pheidolidae: Emery, 1877a: 81.

Tranopelta in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Tranopelta in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Forel, 1899c: 79; Wheeler, W.M. 1910g: 140; Emery, 1914a: 41 [subtribe Solenopsidini]; Forel, 1917: 243; Emery, 1922e: 192 [subtribe Solenopsidini]; Wheeler, W.M. 1922a: 663; subsequent authors; Kempf, 1972a: 255; Jaffe, 1993: 10; Bolton, 2003: 61, 219.

Tranopelta in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81.

Tranopelta in Myrmicinae, *Megalomyrmecini*: Dlussky & Fedoseeva, 1988: 80.

Tranopelta in Myrmicinae, Ochetomyrmecini: Bolton, 1994: 106; Bolton, 1995b: 48.

Tranopelta in Myrmicinae, Attini: Ward, et al. 2015: 77.

Tranopelta as genus: all authors.

Tranopelta catalogues: Dalla Torre, 1893: 74; Emery, 1919b: 61; Emery, 1922e: 192; Ettershank, 1966: 107; Kempf, 1972a: 255; Bolton, 1995b: 421.

Tranopelta references: Emery, 1922e: 192 (diagnosis); Ettershank, 1966: 107 (diagnosis, review of genus); Bolton, 1987: 266 (notes); Fernández, 2003c: 646 (**all species revision, key**); Baccaro, et al. 2015: 266 (genus in Brazil); Fernández & Serna, 2019: 879 (Colombia species key).

TRANOPELTOIDES [junior synonym of *Crematogaster* (*Orthocrema*)]

Tranopeltoides Wheeler, W.M. 1922e: 10. Type-species: *Tranopelta huberi* Forel, 1907e: 5, by original designation.

Taxonomic history

Tranopeltoides in Myrmicinae, Solenopsidini: Donisthorpe, 1943g: 733; Kusnezov, 1957a: 270.

Tranopeltoides as genus: Donisthorpe, 1943g: 733; Kusnezov, 1957a: 270.

Tranopeltoides as junior synonym of *Crematogaster*: Kempf, 1960c: 173; Kempf, 1972a: 81; Bolton, 1973a: 342; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 125; Bolton, 1995b: 48; Tang, J., Li, et al. 1995: 64.

Tranopeltoides as junior synonym of *Crematogaster (Orthocrema)*: Bolton, 2003: 239; Blaimer, 2012c: 52.

TRAPEZIOPELTA [junior synonym of *Myopias*]

Trapeziopelta Mayr, 1862: 713 (diagnosis in key), 715. Type-species: *Ponera maligna* Smith, F. 1861b: 44, by monotypy.

Taxonomic history

Trapeziopelta in Ponerinae: Mayr, 1862: 713 (in key) [Poneridae]; Mayr, 1865: 11 [Poneridae]; Dalla Torre, 1893: 43 [Ponerinae]; Emery, 1896e: 178 [Ponerinae].

Trapeziopelta in Ponerinae, Ponerini: Emery, 1895j: 767; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 93 [subtribe Plectroctenini]; Forel, 1917: 238 [subtribe Plectroctenini]; Wheeler, W.M. 1922a: 650; subsequent authors.

Trapeziopelta as genus: Mayr, 1863: 457; Roger, 1863b: 19; Mayr, 1865: 11; Dalla Torre, 1893: 43; Emery, 1896e: 178; Emery, 1911d: 93; Forel, 1917: 238; Donisthorpe, 1943g: 733; Wheeler, G.C. & Wheeler, J. 1985: 256.

Trapeziopelta as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 390.

Trapeziopelta as junior synonym of *Myopias*: Willey & Brown, 1983: 249; Hölldobler & Wilson, 1990: 11; Bolton, 1994: 164; Bolton, 1995b: 48; Bolton, 2003: 164; Schmidt, C.A. & Shattuck, 2014: 111.

TRENEOPONE: incorrect subsequent spelling of *Ireneopone*.

TRIANGULINODA [junior synonym of *Pseudomyrmex*]

Triangulinoda Enzmann, E.V. 1944: 61 [as "branch" of *Pseudomyrma*]. Type-species: *Pseudomyrma spinicola* Emery, 1890b: 64, by original designation.

Taxonomic history

Triangulinoda as junior synonym of *Pseudomyrmex*: Ward, 1990: 469; Bolton, 1995b: 48.

TRICHOMELOPHORUS [junior synonym of *Melophorus*]

Trichomelophorus Wheeler, W.M. 1935c: 71 [as subgenus of *Melophorus*]. Type-species: *Melophorus hirsutus* Forel, 1902h: 488, by original designation.

Taxonomic history

Trichomelophorus as subgenus of *Melophorus*: Donisthorpe, 1943g: 733.

Trichomelophorus as junior synonym of *Melophorus*: Brown, 1955d: 474; Hölldobler & Wilson, 1990: 17; Bolton, 1995b: 48; Bolton, 2003: 131; Heterick, *et al.* 2017: 22.

TRICHOMYRMEX [Myrmicinae: Crematogastrini]

Trichomyrmex Mayr, 1865: 19. Type-species: *Trichomyrmex rogeri* Mayr, 1865: 19 (footnote), by monotypy.

Taxonomic history

Trichomyrmex in Myrmicinae: Myrmicinae: Emery, 1877a: 81.

Trichomyrmex in Myrmicinae: Mayr, 1865: 19 [Myrmicinae]; Dalla Torre, 1893: 72 [Myrmicinae].

Trichomyrmex in Myrmicinae, Myrmicini: Wheeler, W.M. 1910g: 140.

Trichomyrmex in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243 [subtribe Monomoriini]; Emery, 1922e: 185 [subtribe Monomoriini]; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 733.

Trichomyrmex in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Podomyrma* genus group: Blaimer, *et al.* 2018: 7.

Trichomyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1973a: 351; Smith, D.R. 1979: 1381; Bolton, 1987: 287, 296; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 104; Bolton, 1995b: 48; Tang, J., Li, *et al.* 1995: 68; Bolton, 2003: 211.

Trichomyrmex as genus: Emery, 1877a: 81; Mayr, 1865: 19; Dalla Torre, 1893: 72 Emery, 1914a: 41; Forel, 1917: 243; Emery, 1922e: 185; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 733; Ward, *et al.* 2015: 76.

Trichomyrmex as senior synonym of *Equestrimessor*: Ward, *et al.* 2015: 76.

Trichomyrmex as senior synonym of *Holcomyrmex*: Ward, *et al.* 2015: 76.

Trichomyrmex as senior synonym of *Isolcomyrmex*: Ward, *et al.* 2015: 76.

Trichomyrmex as senior synonym of *Parholcomyrmex*: Ward, *et al.* 2015: 76.

***Trichomyrmex* catalogues:** Fisher & Bolton, 2016: 445 (Afrotropical, Malagasy checklist)

***Trichomyrmex* references:** Bolton, 1987: 320, 322 (Afrotropical *scabriceps* and *destructor* groups, as part of *Monomorium*); Radchenko, 1997f: 211 *M. scabriceps* group revision, key); Heterick, 2006: 96 (Malagasy *destructor* group, as part of *Monomorium*); Fisher & Bolton, 2016: 443 (diagnosis); Sharaf, Salman, *et al.* 2016a: 4 (Arabia species key); Fernández & Serna, 2019: 827 (Colombia species).

[Note: prior to 2015 references to *Trichomyrmex* are included under *Monomorium*, except for those noted here.]

TRICHOSCAPA [junior synonym of *Strumigenys*]

Trichoscapa Emery, 1869b: 24 [as subgenus of *Strumigenys*]. Type-species: *Strumigenys (Trichoscapa) membranifera* Emery, 1869b: 24, by monotypy.

Taxonomic history

Trichoscapa in Myrmicinae: Emery & Forel, 1879: 464 [Myrmicinae]; Dalla Torre, 1893: 145.

Trichoscapa in Myrmicinae, Dacetini, *Strumigeniti*: Brown & Wilson, 1959b: 283; Brandão, 1991: 391.

Trichoscapa in Myrmicinae, Dacetini: Forel, 1917: 246; Wheeler, W.M. 1922a: 668; Emery, 1924d: 323; Donisthorpe, 1943g: 734; Brown, 1948e: 112; Kempf, 1972a: 255; Smith, D.R. 1979: 1408; Bolton, 1983: 319; Hölldobler & Wilson, 1990: 16; Bolton, 1995b: 49.

Trichoscapa as subgenus of *Strumigenys*: Emery & Forel, 1879: 464; Forel, 1917: 246; Creighton, 1950a: 304.

Trichoscapa as genus: Donisthorpe, 1943g: 734; Brown, 1948e: 112; Brown & Wilson, 1959b: 283; Kempf, 1972a: 255; Bolton, 1973a: 345; Smith, D.R. 1979: 1408; Bolton, 1983: 319; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 391; Ogata, 1991b: 136; Bolton, 1995b: 49.

Trichoscapa as junior synonym of *Cephaloxys*: Emery, 1916b: 204; Wheeler, W.M. 1922a: 668; Emery, 1924d: 323; Donisthorpe, 1943g: 734.

Trichoscapa as junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 90; Bolton, 2003: 188.

Trichoscapa as junior synonym of *Strumigenys*: Dalla Torre, 1893: 145; Forel, 1899c: 42; Baroni Urbani & De Andrade, 1994: 13; Baroni Urbani & De Andrade, 2007: 101.

TRICYTARUS [junior synonym of *Meranoplus*]

Tricytarus Donisthorpe, 1947d: 187. Type-species: *Tricytarus parviumgulatus* Donisthorpe, 1947d: 188, by original designation.

Taxonomic history

Tricytarus incertae sedis in Formicidae: Wheeler, G.C. & Wheeler, J. 1985: 259.

Tricytarus incertae sedis in Myrmicinae: Hölldobler & Wilson, 1990: 16.

Tricytarus in Myrmicinae, Formicoxenini?: Bolton, 1994: 105; Bolton, 1995b: 49, 422; Bolton, 2003: 70, 254.

Tricytarus as an unidentifiable taxon: Bolton, 2003: 70, 254.

[Note: Bolton, 2003: 254, comments that *Tricytarus* is an unrecognisable taxon: a male-based genus, description inadequate. Type-material not present in California Academy of Sciences, San Francisco, U.S.A., nor in The Natural History Museum, London, U.K.; presumed lost.]

Tricytarus as junior synonym of *Meranoplus*: Boudinot, 2014: 96.

TRIGLYPHOTHRIX [junior synonym of *Tetramorium*]

Triglyphothrix Forel, 1890b: cvi. Type-species: *Triglyphothrix walshi* Forel, 1890b: cvii, by monotypy.

Taxonomic history

Triglyphothrix in Myrmicinae: Dalla Torre, 1893: 135 [Myrmicinae].

Triglyphothrix in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Emery, 1896e: 182; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 272; subsequent authors.

Triglyphothrix as subgenus of *Tetramorium*: Arnold, 1917: 274; Arnold, 1926: 272.

Triglyphothrix as genus: Forel, 1890b: cvi. Emery, 1893e: 214; Dalla Torre, 1893: 135; Emery, 1895j: 770; Emery, 1896e: 182; Forel, 1903a: 703; Bingham, 1903: 171; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Santschi, 1914b: 107; Forel, 1917: 245; Wheeler, W.M. 1922a: 196; Emery, 1924d: 272; Donisthorpe, 1943g: 734; Creighton, 1950a: 285; Smith, M.R. 1951a: 823; Chapman & Capco, 1951: 178; Bernard, 1953b: 248; Kempf, 1972a: 255; Bolton, 1973a: 356; Bolton, 1976: 310; Smith, D.R. 1979: 1399; Wheeler, G.C. & Wheeler, J. 1985: 257; Taylor & Brown, 1985: 91.

Triglyphothrix as junior synonym of *Tetramorium*: Bolton, 1985: 247; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 381; Ogata, 1991b: 99; Bolton, 1994: 106; Bolton, 1995b: 49; Tang, J., Li, et al. 1995: 78; Bolton, 2003: 226.

[**TRIGLYPHOTRIX**: incorrect subsequent spelling by Santschi, 1914b: 107, Chapman & Capco, 1951: 178.]

TRIGONOGASTER [junior homonym; replaced by *Recurvidris*]

Trigonogaster Forel, 1890b: cviii. Type-species: *Trigonogaster recurvispinosus* Forel, 1890b: cix, by monotypy.

[Note: in Wheeler, W.M. 1911f: 174, the type-species of *Trigonogaster* has been omitted and the type-species of *Triglyphothrix* inadvertently repeated from the previous entry; printer's error, corrected in Wheeler, W.M. 1913a: 79.]

Taxonomic history

[Junior homonym of *Trigonogaster* Guérin-Méneville, 1844b: 1149 (Hymenoptera, Pteromalidae).]

Trigonogaster in Myrmicinae: Dalla Torre, 1893: 72 [Myrmicinae]; Emery, 1896e: 185 [Myrmicinae].

Trigonogaster in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139.

Trigonogaster in Myrmicinae, Leptocephalacini: Emery, 1914a: 42.

Trigonogaster in Myrmicinae, in Solenopsidini: Wheeler, W.M. 1922a: 663.

Trigonogaster in Myrmicinae, Pheidologetini: Emery, 1915i: 192 [subtribe Lophomyrmicini]; Forel, 1917: 243; Emery, 1924d: 210 [subtribe Lophomyrmicini].

Trigonogaster incertae sedis in Myrmicinae: Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81.

Trigonogaster as genus: Dalla Torre, 1893: 72; Emery, 1895j: 769; Emery, 1896e: 185; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139; Emery, 1914a: 42; Wheeler, W.M. 1922a: 663; Emery, 1915i: 192; Forel, 1917: 243; Emery, 1924d: 210; Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 116.

Recurvidris Bolton, 1992: 36, replacement name for *Trigonogaster* Forel.

TROPIDOMYRMEX [Myrmicinae: Solenopsidini]

Tropidomyrmex Silva, R.R. et al. 2009: 34. Type-species: *Tropidomyrmex elianae* Silva, R.R. et al. 2009: 39, by original designation.

Taxonomic history

Tropidomyrmex in Myrmicinae, Solenopsidini: Silva, R.R. et al. 2009: 46; Ward, et al. 2015: 77.

Tropidomyrmex as genus: all authors.

Tropidomyrmex references: Baccaro, et al. 2015: 304 (genus in Brazil).

TURNERIA [Dolichoderinae: Leptomyrmecini]

Turneria Forel, 1895f: 419. Type-species: *Turneria bidentata* Forel, 1895f: 419, by monotypy.

Taxonomic history

Turneria in Dolichoderidae: Ashmead, 1905b: 384.

Turneria in Dolichoderinae: Emery, 1896e: 186 [Dolichoderinae]; Wheeler, W.M. 1910g: 142; Shattuck, 1992c: 161; Shattuck, 1994: 169; Bolton, 1994: 26; Bolton, 1995b: 49; Bolton, 2003: 19, 92.

Turneria in Dolichoderinae, Tapinomini: Emery, 1913a: 21; Forel, 1917: 248; Wheeler, W.M. 1922a: 689; subsequent authors; Hölldobler & Wilson, 1990: 17.

Turneria in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Turneria in Dolichoderinae, Leptomyrmecini: Ward, et al. 2010: 362.

Turneria as genus: all authors.

Turneria catalogues: Emery, 1913a: 21; Chapman & Capco, 1951: 196 (Asia); Taylor & Brown, 1985: 107 (Australia); Taylor, 1987a: 80 (Australia); Shattuck, 1994: 169; Bolton, 1995b: 422.

Turneria references: Emery, 1913a: 21 (diagnosis); Mann, 1919: 362 (all species key); Shattuck, 1990: 101 (diagnosis, **all species revision, key**); Shattuck, 1992c: 161 (diagnosis, review of genus); Shattuck, 1999: 84 (Australia synopsis).

***TYLOLASIUS** [junior synonym of *Lasius*]

**Tylolasius* Zhang, J. 1989: 295. Type-species: **Tylolasius inflatus* Zhang, J. 1989: 296, by original designation.

Taxonomic history

**Tylolasius incertae sedis* in Formicinae: Bolton, 2003: 28, 131.

**Tylolasius* as junior synonym of *Lasius*: Hong, Wu & Ren, 2001: 348.

TYPHLATTA [junior synonym of *Aenictus*]

Typhlatta Smith, F. 1857a: 79. Type-species: *Typhlatta laeviceps* Smith, F. 1857a: 79, by monotypy.

Taxonomic history

Typhlatta in Myrmicinae: Smith, F. 1857a: 79 [Myrmicidae]; Mayr, 1865: 17 [Myrmicidae] Mayr, 1866a: 505 [Myrmicidae]; Smith, F. 1871a: 333 [Myrmicidae].

Typhlatta in Attidae: Smith, F. 1862a: 49.

Typhlatta in Dorylinae: Forel, 1878: 365 (footnote) [Dorylidae].

Typhlatta as genus: Mayr, 1863: 457; Roger, 1863b: 36; Mayr, 1865: 17; Mayr, 1866a: 505; Mayr, 1872: 151; Mayr, 1879: 668.

Typhlatta as subgenus of *Aenictus*: Wheeler, W.M. 1930g: 198; Donisthorpe, 1943g: 734; Chapman & Capco, 1951: 12.

Typhlatta as junior synonym of *Aenictus*: Forel, 1890b: ciii; Dalla Torre, 1893: 7; Bingham, 1903: 6; Emery, 1910b: 28; Wilson, 1964a: 444; Bolton, 1973a: 357; Hölldobler & Wilson, 1990: 11; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 42; Bolton, 2003: 147; Borowiec, M.L. 2016: 78.

TYPHLOMYRMEX [Ectatomminae: Typhlomyrmecini]

Typhlomyrmex Mayr, 1862: 714 (diagnosis in key), 736. Type-species: *Typhlomyrmex rogenhoferi* Mayr, 1862: 737, by monotypy.

Taxonomic history

[*Typhlomyrmex* Gistel, 1856: 447. *Nomen nudum*, discussed by Wheeler, W.M. 1911c: 858, Brown, 1965c: 66.]

Typhlomyrmex in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 15 [Poneridae]; Dalla Torre, 1893: 16 [Ponerinae]; Emery, 1896e: 178 [Ponerinae].

Typhlomyrmex in Ponerinae, Ponerini: Forel, 1895b: 111; Forel, 1899c: 2.

Typhlomyrmex in Ponerinae, Ectatommini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 33 [subtribe Typhlomyrmecini]; Forel, 1917: 236; Gallardo, 1918b: 13; Wheeler, W.M. 1922a: 642; Donisthorpe, 1943g: 734.

Typhlomyrmex in Ponerinae, Typhlomyrmecini: Brown, 1965c: 65; Kempf, 1972a: 256; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10; Brandão, 1991: 383; Jaffe, 1993: 8; Bolton, 1994: 164; Bolton, 1995b: 49.

Typhlomyrmex in Ectatomminae, Typhlomyrmecini: Bolton, 2003: 46, 176; Feitosa & Prada-Achiardi, 2019: 677.

Typhlomyrmex as genus: all authors.

***Typhlomyrmex* catalogues:** Mayr, 1863: 457; Roger, 1863b: 21; Dalla Torre, 1893: 16; Emery, 1911d: 33; Kempf, 1972a: 256; Bolton, 1995b: 422.

***Typhlomyrmex* references:** Mayr, 1865: 15 (diagnosis); Emery, 1911d: 32 (subtribe, genus diagnoses); Gallardo, 1918b: 14 (Argentina species key); Wheeler, W.M. 1925a: 3 (all species key); Brown, 1953a: 104 (review of tribe); Brown, 1965c: 66, 77 (review of tribe and genus, **all species revision, key**); Wheeler, G.C. & Wheeler, J. 1976b: 48 (larvae, review & synthesis); Wheeler, G.C. & Wheeler, J. 1985: 256 (synoptic classification); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Bolton, 1994: 164 (synoptic classification); Bolton, 2003: 46, 176 (diagnosis, synopsis); Lacau, *et al.* 2008: 250 (Colombia species key); Baccaro, *et al.* 2015: 174 (genus in Brazil); Feitosa & Prada-Achiardi, 2019: 677 (Colombia species key).

TYPHLOPONE [junior synonym of *Dorylus*]

Typhlopone Westwood, 1839: 219. Type-species: *Typhlopone fulva* Westwood, 1839: 219, by subsequent designation of Emery, 1895j: 701.

Taxonomic history

Typhlopone in Dorylidae: Shuckard, 1840b: 262.

Typhlopone in Poneridae: Smith, F. 1858b: 110; Smith, F. 1871a: 324.

Typhlopone in Ponerinae: Nylander, 1856b: 76 [Ponerineae]; Smith, F. 1857a: 70 [Poneridae]; Mayr, 1861: 52 [Poneridae]; Mayr, 1862: 714 (in key) [Poneridae]; André, 1874: 170 [Poneridae].

Typhlopone in Dorylinae: Mayr, 1865: 16 [Dorylidae]; Dours, 1873: 167 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae].

Typhlopone in Myrmicinae: Emery & Forel, 1879: 465 [Myrmicidae].

Typhlopone in Dorylidae, Dorylinae, Dorylini: Ashmead, 1905b: 381.

Typhlopone in Dorylinae, Dorylini: Emery, 1910b: 12; subsequent authors.

Typhlopone as genus: Westwood, 1839: 219; Shuckard, 1840b: 262; Lucas, H. 1849: 302; Nylander, 1856b: 76; Smith, F. 1858b: 110; Mayr, 1861: 52; Mayr, 1862: 737; Mayr, 1863: 457; Roger, 1863b: 20; Mayr, 1865: 16; Mayr, 1872: 151; Dours, 1873: 167; Emery & Forel, 1879: 465; Ashmead, 1905b: 381; Ashmead, 1906: 26.

Typhlopone as subgenus of *Labidus*: Shuckard, 1840b: 265; Savage, 1849: 201.

Typhlopone as subgenus of *Dorylus*: Emery, 1895j: 701; Forel, 1901a: 464; Emery, 1910b: 12; Wheeler, W.M. 1910g: 137; Santschi, 1914b: 63; Arnold, 1915: 125; Forel, 1917: 239; Wheeler, W.M. 1922a: 634; subsequent authors; Bolton, 1995b: 49; Bolton, 2003: 148.

Typhlopone as junior synonym of *Dorylus*: Dalla Torre, 1893: 9; Bingham, 1903: 1; Brown, 1973b: 185 [provisional]; Hölldobler & Wilson, 1990: 11; Tang, J., Li, et al. 1995: 43; Borowiec, M.L. 2016: 112.

[**TYPHLOPONA**: incorrect subsequent spelling by Lucas, H. 1849: 302, Nylander, 1856b: 76.]

[**TYPHLOPONAE**: incorrect subsequent spelling by Dours, 1873: 167.]

[**TYPHLAPONE**: incorrect subsequent spelling by Ashmead, 1905b: 381.]

[Note: world list of species in former subgenus *D.* (*Typhlopone*): Emery, 1910b: 12; Bolton, 1995b: 181.]

TYPHLOTERAS [junior synonym of *Centromyrmex*]

Typhloteras Karavaiev, 1925b: 128. Type-species: *Typhloteras hamulatum* Karavaiev, 1925b: 129, by monotypy.

Taxonomic history

Typhloteras in Ponerinae, Ponerini: Donisthorpe, 1943g: 734; Chapman & Capco, 1951: 76.

Typhloteras as genus: Donisthorpe, 1943g: 734; Chapman & Capco, 1951: 76.

Typhloteras as junior synonym of *Centromyrmex*: Brown, 1953c: 8; Bolton, 1973a: 335; Hölldobler & Wilson, 1990: 11; Bolton, 1995b: 49; Tang, J., Li, et al. 1995: 33; Bolton, 2003: 161; Bolton & Fisher, 2008c: 4; Schmidt, C.A. & Shattuck, 2014: 165.

TYRANNOMYRMEX [Myrmicinae: Solenopsidini]

Tyrannomyrmex Fernández, 2003a: 2. Type-species: *Tyrannomyrmex rex* Fernández, 2003a: 3, by original designation.

Taxonomic history

Tyrannomyrmex incertae sedis in Myrmicinae: Fernández, 2003a: 2.

Tyrannomyrmex related to *Monomorium* (hence Solenopsidini): Alpert, 2013: 289.

Tyrannomyrmex in Myrmicinae, Solenopsidini: Ward, *et al.* 2015: 77.
Tyrannomyrmex references: Alpert, 2013: 287 (**all species key**).

***USOMYRMA** [Dolichoderinae: Leptomyrmecini]

**Usomyrma* Dlussky, *et al.* 2014: 932. Type-species: **Usomyrma mirabilis* Dlussky, *et al.* 2014: 932, by original designation.

Taxonomic history

**Usomyrma* in Dolichoderinae, Leptomyrmecini, *Leptomyrmex* genus group: Dlussky, *et al.* 2014: 937 (in text).

VEROMESSOR [Myrmicinae: Stenammini]

Veromessor Forel, 1917: 235 [as subgenus of *Novomessor*]. Type-species: *Aphaenogaster andrei* Mayr, 1886d: 448, by subsequent designation of Emery, 1921f: 67.

Taxonomic history

Veromessor in Myrmicinae, Pheidolini: Wheeler, W.M. 1922a: 661; subsequent authors.

Veromessor in Myrmicinae, Myrmicini: Kempf, 1972a: 257.

Veromessor in Myrmicinae, in Stenammini: Ward, *et al.* 2015: 76.

Veromessor as subgenus of *Novomessor*: Forel, 1917: 235; Emery, 1921f: 67; Donisthorpe, 1943g: 735.

Veromessor as junior synonym of *Messor*: Bolton, 1982: 338; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 86; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 53; Bolton, 2003: 231.

Veromessor as genus: Wheeler, W.M. 1922a: 661; Wheeler, W.M. & Creighton, 1934: 354; Creighton, 1950a: 157; Smith, M.R. 1951a: 799; Kusnezov, 1952b: 10 (in key); Kempf, 1972a: 257; Smith, D.R. 1979: 1364; Wheeler, G.C. & Wheeler, J. 1986g: 38; Ward, *et al.* 2015: 73.

Veromessor as senior synonym of *Lobognathus*: Brown, 1949a: 49; Smith, D.R. 1979: 1364; Bolton, 1995b: 49; Bolton, 2003: 232.

Veromessor catalogues: Emery, 1921f: 67; Smith, M.R. 1951a: 799 (North America *Veromessor*); Kempf, 1972a: 257 (Neotropical *Veromessor*); Smith, D.R. 1979: 1364 (North America *Veromessor*); Bolton, 1995b: 252 (as part of *Messor*).

Veromessor references: Emery, 1921f: 67 (diagnosis); Wheeler, W.M. & Creighton, 1934: 360 (species key); Creighton, 1950a: 158 (**Nearctic species key**); Smith, M.R. 1956a: 36 (U.S.A. species key); Wheeler, G.C. & Wheeler, J. 1986g: 38 (U.S.A., Nevada species key);

VICINOPONE [Dorylinae]

Vicinopone Bolton & Fisher, 2012: 72. Type-species: *Simopone conciliatrix* Brown, 1975: 79, by original designation.

Taxonomic history

Vicinopone in Cerapachyinae, Cerapachyini: Bolton & Fisher, 2012: 72.

Vicinopone in Dorylinae: Brady, *et al.* 2014: 4 (in figure); Borowiec, M.L. 2016: 230.

Vicinopone references: Fisher & Bolton, 2016: 445 (diagnosis, checklist).

VITICICOLA [junior synonym of *Tetraponera*]

Viticicola Wheeler, W.M. 1919i: 130 (in text). Type-species: *Sima tessmanni* Stitz, 1910: 131, by original designation.

Taxonomic history

[*Viticicola* also as new in Wheeler, W.M. 1920: 53.]

Viticicola in Pseudomyrminae: Wheeler, W.M. 1922a: 107, 654.

Viticicola as genus: Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 107, 654; Donisthorpe, 1943g: 735; Bolton, 1973a: 359.

Viticicola as junior synonym of *Tetraponera*: Brown, 1973b: 185 [provisional]; Ward, 1990: 470; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 49; Tang, J., Li, et al. 1995: 46; Bolton, 2003: 136.

[**VITICOLA**: incorrect subsequent spelling by Donisthorpe, 1943g: 735.]

VITSIKA [Myrmicinae: Crematogastrini]

Vitsika Bolton & Fisher, 2014: 68. Type-species: *Vitsika crebra* Bolton & Fisher, 2014: 78, by original designation.

Taxonomic history

Vitsika in Myrmicinae, *Eutetramorium* genus group: Bolton & Fisher, 2014: 8.

Vitsika in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77; in Crematogastrini, *Podomyrma* genus group: Blaimer, et al. 2018: 7.

Vitsika as genus: all authors.

Vitsika as senior synonym of *Myrmisaraka*: Fisher & Bolton, 2016: 447.

Vitsika references: Bolton & Fisher, 2014: 72 (diagnosis, **all species key**); Bolton & Fisher, 2014: 33 (*Myrmisaraka* diagnosis, all species key); Fisher & Bolton, 2016: 449 (diagnosis, checklist).

VOLLENHOVENIA: unjustified emendation of *Vollenhovia*.

VOLLENHOVIA [Myrmicinae: Crematogastrini]

Vollenhovia Mayr, 1865: 21. Type-species: *Vollenhovia punctatostriata* Mayr, 1865: 21 (footnote), by monotypy.

Taxonomic history

Vollenhovia in Myrmicidae, Pheidolidae: Emery, 1877a: 81.

Vollenhovia in Myrmicinae: Mayr, 1865: 21 [Myrmicidae]; Dalla Torre, 1893: 61 [Myrmicinae]; Emery, 1896e: 183 [Myrmicinae].

Vollenhovia in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139; Wheeler, W.M. 1915h: 51.

Vollenhovia in Myrmicinae, Stenammini: Ashmead, 1905b: 383; Bolton, 2003: 59, 206.

Vollenhovia in Myrmicinae, Myrmecinini: Emery, 1912b: 105.

Vollenhovia in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 163 [subtribe Monomoriini]; Wheeler, W.M. 1922a: 662; subsequent authors.

Vollenhovia incertae sedis in Myrmicinae: Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81.

Vollenhovia in Myrmicinae, Metaponini: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105; Bolton, 1995b: 49.

Vollenhovia in Myrmicinae, Crematogastrini: Ward, et al. 2015: 77; in Crematogastrini, *Vollenhovia* genus group: Blaimer, et al. 2018: 7.

Vollenhovia as genus: all authors.

Vollenhovia as senior synonym of *Aratromyrmex*: Baroni Urbani, 1980: 96; Bolton, 1995b: 49; Bolton, 2003: 206.

Vollenhovia as senior synonym of *Dorothea*: Ettershank, 1966: 146; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 114; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 63; Bolton, 2003: 206.

Vollenhovia as senior synonym of *Dyomorium*: Ettershank, 1966: 146; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 114; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 63; Bolton, 2003: 206.

Vollenhovia as senior synonym of *Heteromyrmex*: Ettershank, 1966: 146; Hölldobler & Wilson, 1990: 16; Ogata, 1991b: 114; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 63; Bolton, 2003: 206.

Vollenhovia as senior synonym of **Propodomyrma*: Wheeler, W.M. 1915h: 51; Emery, 1922e: 163; Donisthorpe, 1943f: 688; Hölldobler & Wilson, 1990: 16; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 63; Bolton, 2003: 206.

[**VOLLENHOVENIA**: unjustified emendation of spelling by Dalla Torre, 1893: 61.]

[Note: *Vollenhovenia* was treated as a junior synonym of *Vollenhovia* by Forel, 1893a: 166, Emery, 1922e: 163, Hölldobler & Wilson, 1990: 16, Bolton, 1995b: 49, Bolton, 2003: 206; the name is best regarded as an unjustified emendation.]

[**VOLLENCHOVIA**: incorrect subsequent spelling by Ashmead, 1905b: 383.]

Vollenhovia catalogues: Dalla Torre, 1893: 61; Emery, 1922e: 163; Wheeler, W.M. 1922a: 1026 (Malagasy); Chapman & Capco, 1951: 135, 169, 174 (Asia *Aratromyrmex*, *Vollenhovia*, *Dyomorium*); Ettershank, 1966: 146; Taylor & Brown, 1985: 92 (Australia); Taylor, 1987a: 80 (Australia, New Caledonia); Bolton, 1995b: 422; Fisher & Bolton, 2016: 452 (Malagasy checklist).

Vollenhovia references: Mayr, 1867a: 94 (diagnosis); Bingham, 1903: 213 (diagnosis); Emery, 1922e: 163 (diagnosis); Ettershank, 1966: 146 (diagnosis, review of genus); Ogata, 1991b: 114 (diagnosis, Japan); Taylor, 1991b: 612 (Australia species key); Morisita, *et al.* 1992: 48 (Japan species key); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 106 (China species key); Dlussky, 1997: 56 (in Baltic amber genera key); Terayama & Kinomura, 1997: 1 (Japan species key); Shattuck, 1999: 171 (Australia synopsis); Terayama, 2009: 147 (Taiwan species key); Eguchi, *et al.* 2011: 31 (diagnosis, Vietnam synopsis); Sarnat & Economo, 2012: 144 (Fiji Is species key); Fisher & Bolton, 2016: 450 (diagnosis).

VOMBISIDRIS [Myrmicinae: Crematogastrini]

Vombisidris Bolton, 1991: 1. Type-species: *Vombisidris philax* Bolton, 1991: 6, by original designation.

Taxonomic history

Vombisidris in Myrmicinae, Leptothoracini: Bolton, 1991: 2.

Vombisidris in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 49; Bolton, 2003: 70, 253.

Vombisidris in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Formicoxenus* genus group: Blaimer, *et al.* 2018: 5.

Vombisidris as genus: all authors.

Vombisidris catalogues: Taylor & Brown, 1985: 65 (Australia, as *Leptothorax*); Bolton, 1995b: 423.

Vombisidris references: Taylor, 1989b: 605 (Australia species key, as *Lepto thorax*); Bolton, 1991: 2 (**all species revision, key**); Shattuck, 1999: 172 (Australia synopsis); Eguchi, *et al.* 2011: 31 (diagnosis, Vietnam synopsis); Xu & Yu, 2012: 1497 (**all species key**).

WADEURA [junior synonym of *Cryptopone*]

Wadeura Weber, 1939a: 102. Type-species: *Wadeura guianensis* Weber, 1939a: 103, by original designation.

Taxonomic history

Wadeura in Ponerinae, Ponerini: Donisthorpe, 1943g: 735; Kempf, 1972a: 257.

Wadeura as genus: Donisthorpe, 1943g: 735; Kempf, 1972a: 257.

Wadeura as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 39; Bolton, 2003: 168; Mackay & Mackay, 2010: 3.

Wadeura as junior synonym of *Cryptopone*: Schmidt, C.A. & Shattuck, 2014: 182.

WASMANNIA [Myrmicinae: Attini]

Wasmannia Forel, 1893g: 383. Type-species: *Tetramorium auropunctatum* Roger, 1863a: 182, by subsequent designation of Wheeler, W.M. 1911f: 174.

Taxonomic history

[Also recorded as new by Forel, 1895b: 126.]

Wasmannia in Myrmicinae: Forel, 1893g: 383.

Wasmannia in Myrmicinae, Myrmicini: Forel, 1895b: 126; Forel, 1899c: 54.

Wasmannia in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Wasmannia in Myrmicinae, Tetramoriini: Wheeler, W.M. 1910g: 141.

Wasmannia in Myrmicinae, Ochetomyrmecini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664, 912; Emery, 1924d: 293; subsequent authors; Kempf, 1972a: 257.

Wasmannia incertae sedis in Myrmicinae: Kempf, 1975c: 358; Jaffe, 1993: 12.

Wasmannia in Myrmicinae, Blepharidattini: Bolton, 1994: 105; Bolton, 1995b: 49; Bolton, 2003: 57, 201.

Wasmannia in Myrmicinae, Attini: Emery, 1895j: 770; Emery, 1896e: 181; Ward, *et al.* 2015: 77.

Wasmannia as junior synonym of *Ochetomyrmex*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1402.

Wasmannia as genus: all authors except Brown, 1973b: 185; Smith, D.R. 1979: 1402.
Wasmannia as senior synonym of *Hercynia*: Brown, 1948d: 102; Bolton, 1973a: 350; Hölldobler & Wilson, 1990: 16; Bolton, 1995b: 49; Bolton, 2003: 201.

[**WASSMANNIA**: incorrect subsequent spelling by Luederwaldt, 1918: 40.]

Wasmannia catalogues: Wheeler, W.M. 1922a: 912 (Afrotropical); Emery, 1924d: 293; Smith, M.R. 1951a: 824 (North America); Kempf, 1972a: 257; Taylor, 1987a: 81 (New Caledonia); Brandão, 1991: 383; Bolton, 1995b: 423; Fisher & Bolton, 2016: 453 (Afrotropical checklist).

Wasmannia references: Emery, 1924d: 293 (diagnosis,); Kusnezov, 1952e: 181 (Argentina species key); Kempf, 1975c: 357; Bolton, 1994: 100, 102; Longino & Fernández, 2007: 273 (**all species revision, key**); Cuezzo, *et al.* 2015: 248 (**all species key**); Baccaro, *et al.* 2015: 268 (genus in Brazil); Fisher & Bolton, 2016: 452 (diagnosis); Fernández & Serna, 2019: 881 (Colombia species key).

WEBERIDRIS [junior synonym of *Calyptomyrmex*]

Weberidris Donisthorpe, 1949a: 281. Type-species: *Weberidris rufobrunnea* Donisthorpe, 1949a: 281 (junior synonym of *Calyptomyrmex beccarii* Emery, 1887b: 472), by original designation.

Taxonomic history

Weberidris in Myrmicinae, Dacetini: Donisthorpe, 1949a: 281.

Weberidris as junior synonym of *Calyptomyrmex*: Donisthorpe, 1949f: 186; Brown, 1949f: 84; Bolton, 1973a: 347; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 49; Bolton, 2003: 202.

WEBERISTRUMA [junior synonym of *Strumigenys*]

Weberistruma Brown, 1948e: 106 [as subgenus of *Smithistruma*]. Type-species: *Strumigenys (Cephaloxys) leptothrix* Wheeler, W.M. 1929g: 55, by original designation.

Taxonomic history

Weberistruma in Myrmicinae, Dacetini, Strumigeniti: Brown & Wilson, 1959b: 282.

Weberistruma in Myrmicinae, Dacetini: Brown, 1948e: 106.

Weberistruma as genus: Brown, 1949d: 7; Brown, 1953g: 24; Brown & Wilson, 1959b: 282.

Weberistruma as junior synonym of *Smithistruma*: Brown, 1973a: 35 (in text); Smith, D.R. 1979: 1405; Bolton, 1983: 274; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 132; Bolton, 1995b: 49.

Weberistruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91; Bolton, 2003: 189.

Weberistruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 102.

WESSONISTRUMA [junior synonym of *Strumigenys*]

Wessonistruma Brown, 1948e: 106 [as subgenus of *Smithistruma*]. Type-species: *Strumigenys pergandei* Emery, 1895c: 326, by original designation.

Taxonomic history

Wessonistruma in Myrmicinae, Dacetini: Brown, 1948e: 106.

Wessonistruma as junior synonym of *Smithistruma*: Brown, 1973a: 35 (in text); Smith, D.R. 1979: 1405; Bolton, 1983: 274; Hölldobler & Wilson, 1990: 15; Ogata, 1991b: 132; Bolton, 1995b: 49.

Wessonistruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91; Bolton, 2003: 189.

Wessonistruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 102.

WHEELERIA [junior homonym; replaced by (i) *Santschia* and (ii) *Wheeleriella*]

Wheeleria Forel, 1905b: 171 (date of publication 31.viii.1905). Type-species: *Wheeleria santschii* Forel, 1905b: 171, by monotypy.

Taxonomic history

[Junior homonym of *Wheeleria* Tutt, 1905: 37 (date of publication 15.ii.1905) (Lepidoptera).]

Santschia Forel, 1906a: 65, **first replacement name** for *Wheeleria* Forel.

Wheeleriella Forel, 1907f: 145, **second replacement name** for *Wheeleria* Forel.

WHEELERIELLA [junior synonym of *Monomorium*]

Wheeleriella Forel, 1907f: 145.

Taxonomic history

[Second replacement name for *Wheeleria* Forel, 1905b: 171; junior homonym of *Wheeleria* Tutt, 1905: 37 (Lepidoptera).]

Wheeleriella in Myrmicinae, Myrmicini: Wheeler, W.M. 1910g: 139.

Wheeleriella in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 186 [subtribe Monomoriini]; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 735.

Wheeleriella as genus: Wheeler, W.M. 1910g: 139; Emery, 1914a: 41; Forel, 1917: 243; Emery, 1922e: 186; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 735.

Wheeleriella as junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1973a: 352; Smith, D.R. 1979: 1381; Bolton, 1987: 287, 291; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 104; Bolton, 1995b: 49; Tang, J., Li, et al. 1995: 68; Bolton, 2003: 212.

WHEELERIMYRMEX [junior synonym of *Megalomyrmex*]

Wheelerimyrmex Mann, 1922: 29 [as subgenus of *Megalomyrmex*]. Type-species: *Megalomyrmex silvestrii* Wheeler, W.M. 1909b: 235, by original designation.

Taxonomic history

Wheelerimyrmex as subgenus of *Megalomyrmex*: Donisthorpe, 1943g: 735.

Wheelerimyrmex as junior synonym of *Megalomyrmex*: Ettershank, 1966: 101; Kempf, 1972a: 139; Brandão, 1990: 415; Hölldobler & Wilson, 1990: 14; Bolton, 1995b: 49; Bolton, 2003: 210.

WHEELERIPONE [junior synonym of *Gnamptogenys*]

Wheeleripone Mann, 1919: 282. Type-species: *Wheeleripone albiclava* Mann, 1919: 283, by original designation.

Taxonomic history

Wheeleripone in Ponerinae, Ectatommini: Wheeler, W.M. 1922a: 642; Donisthorpe, 1943g: 736.

Wheeleripone as genus: Wheeler, W.M. 1922a: 642; Donisthorpe, 1943g: 736.

Wheeleripone as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; Smith, D.R. 1979: 1337; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 49; Bolton, 2003: 174.

WILLOWSIELLA [junior synonym of *Stereomyrmex*]

Willowsiella Wheeler, W.M. 1934a: 174. Type-species: *Willowsiella dispar* Wheeler, W.M. 1934a: 175, by original designation.

Taxonomic history

Willowsiella in Myrmicinae, Meranoplini: Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 6 (in key); Donisthorpe, 1943g: 736; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16.

Willowsiella in Myrmicinae, Leptocephalini: Taylor, 1991a: 294.

Willowsiella in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 49.

Willowsiella as genus: Wheeler, W.M. 1935a: 6 (in key); Donisthorpe, 1943g: 736; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Taylor, 1991a: 294; Bolton, 1994: 105; Bolton, 1995b: 49.

Willowsiella as junior synonym of *Stereomyrmex*: Bolton, 2003: 252, 273.

***WILSONIA** [*incertae sedis* in Formicinae]

**Wilsonia* Hong, 2002: 608. Type-species: **Wilsonia megagastrosa* Hong, 2002: 608, by original designation.

Taxonomic history

[**Wilsonia* Hong, 2002, unresolved junior homonym of *Wilsonia* Bonaparte, 1838 “List Birds Eur. Amer., 23” (Aves); reference from *Nomenclator Zoologicus*, publication not seen.]

**Wilsonia* in Formicinae: Hong, 2002: 608.

**Wilsonia incertae sedis* in Formicinae: Ward, Blaimer & Fisher, 2016: 349.

WOITKOWSKIA [junior synonym of *Neivamyrmex*]

Woitkowskia Enzmann, E.V. 1952: 443. Type-species: *Woitkowskia connectens* Enzmann, E.V. 1952: 443 (junior synonym of *Labidus walkerii* Westwood, 1842: 77), by original designation.

Taxonomic history

Woitkowskia as junior synonym of *Neivamyrmex*: Borgmeier, 1955: 277; Kempf, 1972a: 152; Smith, D.R. 1979: 1329; subsequent authors; Hölldobler & Wilson, 1990: 12; Bolton, 1995b: 49; Bolton, 2003: 145.

***WUMYRMEX** [*incertae sedis* in Myrmicinae]

**Wumyrmex* Hong, 2002: 566. Type-species: **Wumyrmex furvis* Hong, 2002: 556, by original designation.

Taxonomic history

**Wumyrmex* in Myrmicinae: Hong, 2002: 566.

**Wumyrmex incertae sedis* in Myrmicinae: Ward, *et al.* 2015: 77.

XENHYBOMA [junior synonym of *Monomorium*]

Xenhyboma Santschi, 1919g: 405. Type-species: *Xenhyboma mystes* Santschi, 1919g: 405 (junior synonym of *Monomorium medinae* Forel, 1892g: 454), by monotypy.

Taxonomic history

Xenhyboma in Myrmicinae, Solenopsidini: Donisthorpe, 1943g: 736.

Xenhyboma as genus: Donisthorpe, 1943g: 736.

Xenhyboma as junior synonym of *Monomorium*: Ettershank, 1966: 82 [provisional]; Bolton, 1973a: 352; Smith, D.R. 1979: 1381; Espadaler, 1982b: 112; Bolton, 1987: 287, 293; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 105; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 68; Bolton, 2003: 213.

XENOAPHAENOGASTER [junior synonym of *Pheidole*]

Xenoaphaenogaster Baroni Urbani, 1964b: 50. Type-species: *Xenoaphaenogaster inquilina* Baroni Urbani, 1964b: 50 (junior synonym of *Myrmica pallidula* Nylander, 1849: 42), by original designation.

Taxonomic history

Xenoaphaenogaster as junior synonym of *Monomorium*: Brown, 1973b: 185 [provisional].

Xenoaphaenogaster as junior synonym of *Pheidole*: Bolton, 1987: 291 (in text); Hölldobler & Wilson, 1990: 15; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 54; Bolton, 2003: 235.

XENOMETRA [junior synonym of *Cardiocondyla*]

Xenometra Emery, 1917a: 96. Type-species: *Xenometra monilicornis* Emery, 1917a: 96 (junior synonym of *Cardiocondyla emeryi* Forel, 1881: 5), by monotypy.

Taxonomic history

Xenometra in Myrmicinae, Cardiocondylini: Emery, 1922e: 126; Wheeler, W.M. 1922a: 661; Kempf, 1972a: 259.

Xenometra as genus: Emery, 1922e: 126; Wheeler, W.M. 1922a: 661; Donisthorpe, 1943g: 736; Kempf, 1972a: 259.

Xenometra as junior synonym of *Cardiocondyla*: Baroni Urbani, 1973: 199; Marikovsky & Yakushkin, 1974: 60; Smith, D.R. 1979: 1375; Bolton, 1982: 309; Hölldobler & Wilson, 1990: 12; Brandão, 1991: 336; Ogata, 1991b: 97; Bolton, 1995b: 49; Bolton, 2003: 244.

XENOMYRMEX [Myrmicinae: Crematogastrini]

Xenomyrmex Forel, 1885a: 369. Type-species: *Xenomyrmex stollii* Forel, 1885a: 370, by monotypy.

Taxonomic history

Xenomyrmex in Myrmicinae: Dalla Torre, 1893: 64 [Myrmicinae]; Emery, 1896e: 183 [Myrmicinae].

Xenomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Forel, 1899c: 52; Wheeler, W.M. 1910g: 139.

Xenomyrmex in Myrmicinae, Stenammini: Ashmead, 1905b: 383.

Xenomyrmex in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 188 [subtribe Monomoriini]; Wheeler, W.M. 1922a: 663; Wheeler, W.M. 1931a: 131; subsequent authors; Smith, D.R. 1979: 1384.

Xenomyrmex incertae sedis in Myrmicinae: Ettershank, 1966: 81.

Xenomyrmex in Myrmicinae, Archaeomyrmecini?: Brandão, 1991: 391.

Xenomyrmex in Myrmicinae, Myrmecinini: Kempf, 1972a: 259; Dlussky & Fedoseeva, 1988: 79; Jaffe, 1993: 11.

Xenomyrmex in Myrmicinae, Metaponini?: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105; Bolton, 1995b: 49.

Xenomyrmex in Myrmicinae, Formicoxenini: Forel, 1893a: 165; Bolton, 2003: 70, 254.

Xenomyrmex in Myrmicinae, Crematogastrini: Ward, *et al.* 2015: 77; in Crematogastrini, *Cataulacus* genus group: Blaimer, *et al.* 2018: 7.

Xenomyrmex as genus: all authors.

Xenomyrmex as senior synonym of *Myrmecinella*: Wheeler, W.M. 1931a: 129; Kempf, 1972a: 259; Hölldobler & Wilson, 1990: 16; Bolton, 2003: 254.

Xenomyrmex catalogues: Dalla Torre, 1893: 64; Emery, 1922e: 188; Smith, M.R. 1951a: 811 (North America); Ettershank, 1966: 150; Smith, D.R. 1979: 1384 (North America); Bolton, 1995b: 424.

Xenomyrmex references: Emery, 1922e: 188 (diagnosis); Wheeler, W.M. 1931a: 129 (diagnosis, all species key); Creighton, 1957c: 6 (**all species key**); Ettershank, 1966: 150 (diagnosis, review of genus); Baccaro, *et al.* 2015: 280 (genus in Brazil); Fernández & Serna, 2019: 828 (Colombia species).

XEROLITOR [Myrmicinae: Attini]

Xerolitor Sosa-Calvo, Schultz, *et al.* 2018: 555. Type-species: *Mycetosoritis explicata* Kempf, 1968b: 401, by original designation.

Taxonomic history

Xerolitor in Myrmicinae, Attini, *Attina*: Sosa-Calvo, Schultz, *et al.* 2018: 549.

XEROMYRMEX [junior synonym of *Monomorium*]

Xeromyrmex Emery, 1915i: 190 [as subgenus of *Monomorium*]. Type-species: *Formica salomonis* Linnaeus, 1758: 580, by original designation.

Taxonomic history

Xeromyrmex as subgenus of *Monomorium*: Emery, 1916b: 161; Forel, 1917: 242; Emery, 1922e: 175; Wheeler, W.M. 1922a: 677; Donisthorpe, 1943g: 736.

Xeromyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1973a: 352; Smith, D.R. 1979: 1381; Bolton, 1987: 287, 294; Hölldobler & Wilson, 1990: 14; Ogata, 1991b: 104; Bolton, 1995b: 49; Tang, J., Li, *et al.* 1995: 68; Bolton, 2003: 212.

XIPHOCREMA [junior synonym of *Crematogaster* (*Crematogaster*)]

Xiphocrema Forel, 1913k: 80 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster tetricantha* Emery, 1887b: 467, by subsequent designation of Emery, 1922e: 138.

Taxonomic history

Xiphocrema as genus: Soulié, 1964: 398; Soulié, 1965: 79.

Xiphocrema as junior synonym of *Crematogaster*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13; Ogata, 1991b: 125; Tang, J., Li, *et al.* 1995: 64.

Xiphocrema as subgenus of *Crematogaster*: Forel, 1913k: 80; Forel, 1917: 242; Emery, 1922e: 138; Wheeler, W.M. 1922a: 662; subsequent authors; Bolton, 1995b: 50; Bolton, 2003: 239.

Xiphocrema as junior synonym of *C. (Crematogaster)*: Blaimer, 2012c: 53.

[Note: world list of species in former subgenus *C. (Xiphocrema)*: Bolton, 1995b: 166.]

XIPHOMYRMEX [junior synonym of *Tetramorium*]

Xiphomyrmex Forel, 1887: 385 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Xiphomyrmex) kelleri* Forel, 1887: 385, by subsequent designation of Wheeler, W.M. 1911f: 175.

Taxonomic history

Xiphomyrmex in Myrmicinae: Dalla Torre, 1893: 130;

Xiphomyrmex in Myrmicinae, Myrmicini: Ashmead, 1905b: 383;

Xiphomyrmex in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Emery, 1896e: 183; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 286; subsequent authors.

Xiphomyrmex as subgenus of *Tetramorium*: Dalla Torre, 1893: 130; Emery, 1893f: 246; Forel, 1899c: 53; Forel, 1901b: 11; Forel, 1903a: 700; Wheeler, W.M. 1910g: 141; Santschi, 1914b: 106; Arnold, 1917: 274; Arnold, 1926: 277.

Xiphomyrmex as genus: Emery, 1895j: 770; Emery, 1896e: 183; Ashmead, 1905b: 383; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 193; Emery, 1924d: 286; Smith, M.R. 1938a: 126; Donisthorpe, 1943g: 736; Creighton, 1950a: 293; Smith, M.R. 1951a: 824; Chapman & Capco, 1951: 179; Bernard, 1953b: 250; Bolton, 1973a: 356; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80.

Xiphomyrmex as junior synonym of *Tetramorium*: Bingham, 1903: 175; Bolton, 1976: 359; Bolton, 1977: 69; Bolton, 1979: 130; Smith, D.R. 1979: 1400; Bolton, 1980: 195;

Hölldobler & Wilson, 1990: 16; Brandão, 1991: 381; Ogata, 1991b: 99; Bolton, 1994: 106; Bolton, 1995b: 50; Tang, J., Li, *et al.* 1995: 78; Bolton, 2003: 226.

XIPHOPELTA [junior synonym of *Mesoponera*]

Xiphopelta Forel, 1913a: 108 [as subgenus of *Ponera*]. Type-species: *Ponera (Xiphopelta) arnoldi* Forel, 1913a: 108 (junior synonym of *Ponera elisae rotundata* Emery, 1895h: 20), by monotypy.

Taxonomic history

Xiphopelta in Ponerinae, Ponerini: Forel, 1917: 237 [subtribe Pachycondylini].

Xiphopelta as subgenus of *Ponera*: Forel, 1913a: 108; Donisthorpe, 1943g: 737.

Xiphopelta as subgenus of *Euponera*: Forel, 1917: 237; Emery, 1919c: 106; Bernard, 1953b: 191.

Xiphopelta as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 1995b: 50; Tang, J., Li, *et al.* 1995: 39; Bolton, 2003: 168; Mackay & Mackay, 2010: 3.

Xiphopelta as junior synonym of *Mesoponera*: Wheeler, W.M. 1922a: 775; Schmidt, C.A. & Shattuck, 2014: 107.

[*HIPHOELTA*: incorrect subsequent spelling by Forel, 1913a: 108 (in text).]

XYMMER [Amblyoponinae]

Xymmer Santschi, 1914d: 311 [as subgenus of *Stigmatomma*]. Type-species: *Stigmatomma (Xymmer) muticum* Santschi, 1914d: 311, by monotypy.

Taxonomic history

Xymmer in Ponerinae, Amblyoponini: Forel, 1917: 235.

Xymmer in Amblyoponinae: Bolton, 2003: 154.

Xymmer as subgenus of *Stigmatomma*: Santschi, 1914d: 311; Forel, 1917: 235; Emery, 1919c: 106; Donisthorpe, 1943g: 737.

Xymmer as subgenus of *Amblyopone*: Clark, 1934b: 27.

Xymmer as junior synonym of *Stigmatomma*: Brown, 1949c: 87.

Xymmer as junior synonym of *Amblyopone*: Brown, 1960a: 155; Bolton, 1973a: 330; Smith, D.R. 1979: 1334; Ogata, 1987: 103; Hölldobler & Wilson, 1990: 9; Bolton, 1995b: 50; Tang, J., Li, *et al.* 1995: 24; Bolton, 2003: 154.

Xymmer as genus: Wheeler, W.M. 1922a: 641 (in key); Yoshimura & Fisher, 2012a: 19.

[*XIMMER*: incorrect subsequent spelling by Emery, 1919c: 106.]

Xymmer catalogues: Wheeler, W.M. 1922a: 758; Fisher & Bolton, 2016: 454 (Afrotropical checklist).

Xymmer references: Ward & Fisher, 2016: 689 (phylogeny).

**YANTAROMYRMEX* [Dolichoderinae: Leptomyrmecini]

**Yantaromyrmex* Drussky & Dubovikoff, 2013: 307. Type-species: **Hypoclinea geinitzi* Mayr, 1868b: 58, by original designation.

Taxonomic history

**Yantaromyrmex* in Dolichoderinae, Leptomyrmecini [Iridomyrmecini *sensu* Dubovikoff, 2005a: 91]: Drussky & Dubovikoff, 2013: 306 (in text).

***Yantaromyrmex references:** Drussky & Dubovikoff, 2013: 314 (all species key).

YAVNELLA [Leptanillinae: Leptanillini]

Yavnella Kugler, J. 1987: 52. Type-species: *Yavnella argamani* Kugler, J. 1987: 53, by original designation.

Taxonomic history

Yavnella in Leptanillinae, Leptanillini: Kugler, J. 1987: 52; Bolton, 1990b: 277; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 1995b: 50; Bolton, 2003: 40, 152.

Yavnella catalogues: Bolton, 1995b: 424.

Yavnella references: Ogata, *et al.* 1995: 32 (review of genus).

***YPRESIOMYRMA** [*incertae sedis* in Myrmeciinae]

***Ypresiomyrma** Archibald, *et al.* 2006: 492. Type-species: ***Ypresiomyrma orbiculata** Archibald, *et al.* 2006: 492, by original designation.

Taxonomic history

***Ypresiomyrma incertae sedis** in Myrmeciinae: Archibald, *et al.* 2006: 492.

***Ypresiomyrma incertae sedis** in Formicidae: *sensu* Baroni Urbani, 2008: 6.

YUNODORYLUS [Dorylinae]

Yunodorylus Xu, 2000b: 297. Type-species: *Yunodorylus sexspinus* Xu, 2000b: 298, by original designation.

Taxonomic history

Yunodorylus in Dorylinae: Xu, 2000b: 297.

Yunodorylus in Cerapachyinae, Cerapachyini: Bolton, 2003: 141, 268; Borowiec, M.L. 2009: 57.

Yunodorylus in Dorylinae: Brady, *et al.* 2014: 4 (in figure); Borowiec, M.L. 2016: 232.

Yunodorylus as junior synonym of *Cerapachys*: Bolton, 2003: 141, 268; Borowiec, M.L. 2009: 57.

Yunodorylus as genus: Borowiec, M.L. 2016: 232.

Yunodorylus catalogues: Borowiec, M.L. 2016: 237 (species checklist).

Yunodorylus references: Brady, *et al.* 2014: 4 (phylogeny); Borowiec, M.L. 2016: 232 (diagnosis).

ZACRYPTOCERUS [junior synonym of *Cephalotes*]

Zacryptocerus Wheeler, W.M. 1911f: 175 (and also footnote). Type-species: *Cryptocerus clypeatus* Fabricius, 1804: 420, by original designation.

Taxonomic history

[*Zacryptocerus* Ashmead, 1905b: 384. *Nomen nudum*. Based on a non-existent type-species: *Cryptocerus multistrigus* Ashmead, 1905b: 384. *Nomen nudum*, attributed to Smith, F. (Emery, 1906a: 718, Wheeler, W.M. 1911f: 175).]

Zacryptocerus in Myrmicinae, Cryptocerini: Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 304; subsequent authors; Dlussky & Fedoseeva, 1988: 79.

Zacryptocerus in Myrmicinae, Cephalotini: Kempf, 1951: 133; Kempf, 1972a: 259; Smith, D.R. 1979: 1402; subsequent authors; Bolton, 1995b: 50.

Zacryptocerus as subgenus of *Cryptocerus*: Wheeler, W.M. 1916d: 326.

Zacryptocerus as genus: Emery, 1915i: 192; Santschi, 1916e: 283; Emery, 1924d: 304; Donisthorpe, 1943g: 737; Kempf, 1951: 136; Kempf, 1972a: 259; Kempf, 1973c: 460; Smith, D.R. 1979: 1402; Hölldobler & Wilson, 1990: 16; Brandão, 1991: 383; Bolton, 1995b: 50.

Zacryptocerus as junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59; Bolton, 2003: 195.

ZASPHINCTUS [Dorylinae]

Zasphinctus Wheeler, W.M. 1918a: 219 [as subgenus of *Eusphinctus*]. Type-species: *Sphinctomyrmex turneri* Forel, 1900b: 70, by monotypy.

Taxonomic history

Zasphinctus in Dorylinae: Borowiec, M.L. 2016: 237.

Zasphinctus as subgenus of *Eusphinctus*: Wheeler, W.M. 1918a: 219; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943g: 737.

Zasphinctus as junior synonym of *Sphinctomyrmex*: Brown, 1973b: 185 [provisional]; Brown, 1975: 31; Hölldobler & Wilson, 1990: 10; Bolton, 1995b: 50; Bolton, 2003: 142.

Zasphinctus as genus: Borowiec, M.L. 2016: 237.

Zasphinctus as senior synonym of *Aethiopopone*: Borowiec, M.L. 2016: 237.

Zasphinctus as senior synonym of *Nothosphinctus*: Borowiec, M.L. 2016: 237.

***Zasphinctus* catalogues:** Borowiec, M.L. 2016: 242 (species checklist); Fisher & Bolton, 2016: 457 (Afrotropical checklist).

***Zasphinctus* references:** Borowiec, M.L. 2016: 237 (diagnosis); Fisher & Bolton, 2016: 456 (diagnosis); Hita Garcia, Fischer, *et al.* 2017b: 51 (Afrotropical species key).

ZATANIA [Formicinae: Lasiini]

Zatania LaPolla, *et al.* 2012: 204. Type-species: *Paratrechina (Nylanderia) cisipa* Smith, D.R. & Lavigne, 1973: 184, by original designation.

Taxonomic history

Zatania in Formicinae, *Prenolepis* genus group: LaPolla, *et al.* 2012: 204.

Zatania in Formicinae, Lasiini: Ward, Blaimer & Fisher, 2016: 347.

Zatania as genus: all authors.

***Zatania* references:** LaPolla, *et al.* 2012: 206 (diagnosis, **all species key**).

ZATAPINOMA [junior synonym of *Tapinoma*]

Zatapinoma Wheeler, W.M. 1928a: 20. Type-species: *Zatapinoma annandalei* Wheeler, W.M. 1928a: 20, by original designation.

Taxonomic history

Zatapinoma in Dolichoderinae, Tapinomini: Donisthorpe, 1943g: 737; subsequent authors; Hölldobler & Wilson, 1990: 17.

Zatapinoma as genus: Donisthorpe, 1943g: 737; Hölldobler & Wilson, 1990: 17.

Zatapinoma as junior synonym of *Tapinoma*: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 1995b: 50; Bolton, 2003: 91; Fisher & Bolton, 2007: 66.

ZEALLEYELLA [junior synonym of *Anoplolepis*]

Zealleyella Arnold, 1922: 579 (diagnosis in key) [as subgenus of *Plagiolepis*]. Type-species: *Formica custodiens* Smith, F. 1858b: 33, by subsequent designation of Santschi, 1926a: 14.

Taxonomic history

Zealleyella as subgenus of *Plagiolepis*: Arnold, 1922: 579.

Zealleyella as subgenus of *Anoplolepis*: Santschi, 1926a: 14; Bolton, 1995b: 50.

Zealleyella as junior synonym of *Anoplolepis*: Donisthorpe, 1943g: 737; Brown, 1973b: 185 [provisional]; Hölldobler & Wilson, 1990: 18; Bolton, 2003: 96, 267.

***ZHANGIDRIS** [*incertae sedis* in Myrmicinae]

**Zhangidris* Bolton, 2003: 259.

Taxonomic history

[Replacement name for **Heteromyrmex* Zhang, 1989: 271; junior homonym of *Heteromyrmex* Wheeler, W.M. 1920: 53 (Formicidae).]

**Zhangidris incertae sedis* in Myrmicinae: Bolton, 2003: 73, 259; Ward, *et al.* 2015: 77.

***ZHERICHINIUS** [Dolichoderinae: *Zherichiniini]

**Zherichinius* Dlussky, 1988: 57. Type-species: **Zherichinius horribilis* Dlussky, 1988: 57, by original designation.

Taxonomic history

**Zherichinius* in Dolichoderinae: Shattuck, 1994: 170; Bolton, 1994: 26; Bolton, 1995b: 50; Bolton, 2003: 92.

**Zherichinius incertae sedis* in Dolichoderinae: Ward, *et al.* 2010: 362.

**Zherichinius* in Dolichoderinae, *Zherichiniini: Dlussky, 1988: 57; Dlussky & Fedoseeva, 1988: 77; Borysenko, 2017: 19, 92.

**Zherichinius* as genus: all authors.

***Zherichinius catalogues**: Shattuck, 1994: 170; Bolton, 1995b: 427.

***ZIGRASIMECIA** [*Sphecomyrminae: *Zigrasimeciini]

**Zigrasimecia* Barden & Grimaldi, 2013: 407. Type-species: **Zigrasimecia tonsora* Barden & Grimaldi, 2013: 407, by original designation.

Taxonomic history

**Zigrasimecia* in *Sphecomyrminae: Barden & Grimaldi, 2013: 410.

**Zigrasimecia* in *Sphecomyrminae, *Sphecomyrmini: Perrichot, 2014: 166.

**Zigrasimecia* in *Sphecomyrminae, *Zigrasimeciini: Borysenko, 2017: 18.

**Zigrasimecia* as genus: all authors.

***Zigrasimecia references**: Barden, 2017: 2 (checklist).