

SYNOPSIS OF FORMICIDAE: THE FAMILY FORMICIDAE

FAMILY FORMICIDAE

Family FORMICIDAE

Formicariae Latreille, 1809: 124. Type-genus: *Formica* Linnaeus, 1758: 579.

Taxonomic history

Formicidae as family: Latreille, 1809: 124 [Formicariae]; Leach, 1815: 147 [Formicarides]; Stephens, 1829: 356 [first spelling as Formicidae]; Haliday, 1836: 331; Westwood, 1839: 217; Swainson & Shuckard, 1840: 171; Nylander, 1846a: 877; Foerster, 1850a: 1 [Formicariae]; Mayr, 1855: 275 [Formicina]; Smith, F. 1857a: 52; Smith, F. 1858b: 1; Mayr, 1861: 21; Mayr, 1865: 6; Heer, 1867: 6 [Formicaria]; Forel, 1870: 307 [Formicinae]; Forel, 1874: 19 [Formicariae]; Dalla Torre, 1893: 1; Forel, 1899c: 1; Ruzsky, 1902d: 5 [Formicarii]; Bingham, 1903: 1; Ruzsky, 1905b: 91 [Formicariae or Formicidae]; Ashmead, 1905b: 384; all subsequent authors.

Subfamilies currently included in Formicidae: Agroecomyrmecinae, Amblyoponinae, Aneuretinae, *Brownimeciinae, Dolichoderinae, Dorylinae, Ectatomminae, *Formiciinae, Formicinae, Heteroponerinae, Leptanillinae, Martialinae, Myrmeciinae, Myrmicinae, Paraponerinae, Ponerinae, Proceratiinae, Pseudomyrmecinae, *Sphecomyrminae.

Family-group name currently excluded from Formicidae: *Armaniidae.

Family-group names unavailable in Formicidae: Alloformicinae, Eucamponotinae, Eudolichoderinae, Eudorylinae, Euformicinae, Eumyrmicinae, Exeuponerinae, Heteroformicinae, Mesocamponotinae, Metadorylinae, Mycetomyrmicinae, Neoattini, Paleoattini, Paleoponerinae, Procamponotinae, Prodolichoderinae, Prodorylinae, Promyrmicinae, Proponerinae, Pseudoponerinae, Rhagiomyrmicinae, Taraxoponerinae.

Genus-group names *incertae sedis* in Formicidae: *Calyptites, Condylodon, *Eoformica, *Fonsecahymen, Hypochira, *Klondikia, *Kohlsimyrma, *Myanmyrma, Noonilla, *Syntaphus.

Genus-group names unavailable in Formicidae: Pseudacantholepis, Sphaeromessor, Sulcomyrmex.

Genus-group names *nomina nuda* in Formicidae: *Ancylognathus*, **Dolichoformica*, *Hypopheidole*, *Leptoxenus*, *Myrmegis*, *Pergandea*, *Salticomorpha*, *Savignyi*, *Titusia*.

Genus-group names excluded from Formicidae: **Cariridris*, **Cretacoformica*, *Formila*, **Myrmicium*, **Palaeomyrmex*, **Promyrmicium*, *Scyphodon*.

Family-group names unavailable in Formicidae

ALLOFORMICINAE

Alloformicinae Emery, 1925b: 9 [as "section" of Formicinae]. Section designated to include tribes Melophorini, Myrmelachistini and Plagiolepidini. Unavailable name; not based on genus rank taxon. Contained material referable to Formicinae: Bolton, 1994: 51.

EUCAMPONOTINAE

Eucamponotinae Forel, 1912i: 88 [as "section" of Camponotinae]. Section designated to include tribes Camponotini, Formicini, Gesomyrmecini, Oecophyllini and Prenolepidini. Unavailable name, not based on genus rank taxon. Contained material referable to Formicinae: Bolton, 1994: 51.

EUDOLICHODERINAE

Eudolichoderinae Forel, 1917: 247 [as "section" of Dolichoderinae]. Section designated to include tribe Tapinomini. Unavailable name, not based on genus rank taxon. Contained material referable to Dolichoderinae: Bolton, 1994: 27.

EUDORYLINAЕ

Eudorylinae Forel, 1917: 239 [as "section" of Dorylinae]. Section designated to include tribe Dorylini. Unavailable name, not based on genus rank taxon. Contained material referable to Dorylinae: Bolton, 1990c: 1358.

EUFORMICINAE

Euformicinae Emery, 1925b: 37 [as "section" of Formicinae]. Section designated to include tribes Brachymyrmeini, Camponotini, Dimorphomyrmecini, Formicini, Gigantiopini, Lasiini, Oecophyllini and Santschiellini. Unavailable name, not based on genus rank taxon. Contained material referable to Formicinae: Bolton, 1994: 51.

EUMYRMICINAE

Eumyrmicinae Emery, 1914a: 35 [as "section" of Myrmicinae]. Section designated to include all Myrmicinae except Metaponini and Pseudomyrmecini. Unavailable name, not based on genus rank taxon. Contained material referable to Myrmicinae: Bolton, 1994: 106.

EXEUPONERINAE

Exeuponerinae Donisthorpe, 1943d: 438 [as "section" of Ponerinae]. Section designated to include only *Pseudoneoponera* (junior synonym of *Pachycondyla*). Unavailable name, not based on genus rank taxon. Contained material referable to Ponerini: Bolton, 1994: 164.

HETEROFORMICINAE

Heteroformicinae Emery, 1925b: 35 [as "section" of Formicinae]. Section designated to include tribes Myrmecorhynchini and Myrmoteratini. Unavailable name; not based on genus rank taxon. Contained material referable to Formicinae: Bolton, 1994: 51.

HETEROPONERINI

Heteroponerini Jaffe, 1993: 8 (as tribe of Ponerinae), and Heteroponerini Fernández, Palacio, et al. 1996: 362 (as tribe of Ponerinae). Unavailable names; in both cases tribe proposed without diagnosis.

MESOCAMPONOTINAE

Mesocamponotinae Forel, 1912i: 88 [as "section" of Camponotinae]. Section designated to include tribes Melophorini and Plagiolepidini. Unavailable name; not based on genus rank taxon. Contained material referable to Formicinae: Bolton, 1994: 51.

METADORYLINAЕ

Metadorylinae Forel, 1917: 240 [as "section" of Dorylinae]. Section designated to include tribes Ecitonini and Leptanillini. Unavailable name; not based on genus rank taxon. Contained material referable to Ecitoninae and Leptanillinae: Bolton, 1990c: 1357; Bolton, 1994: 70.

MYCETOMYRMICINAE

Mycetomyrmicinae Forel, 1917: 246 [as "section" of Myrmicinae]. Section designated to include tribes Attini and Proattini. Unavailable name; not based on genus rank taxon. Contained material referable to Myrmicinae: Bolton, 1994: 106.

NEOATTINI

Neoattini Kusnezov, 1956: 22; Kusnezov, 1964: 62 [as subdivision of tribe Attini]. Designated to include all attine genera except *Apterostigma*, *Mycocepurus*, *Myrmicocrypta*. Unavailable name; not based on genus rank taxon. Contained material referable to Attini: Bolton, 2003: 265. [Neoattini: Sosa-Calvo & Schultz, 2010: 183 (in text); unavailable name.]

PALEOATTINI

Paleoattini Kusnezov, 1956: 22; Kusnezov, 1964: 62 (alternatively spelled Palaeoattini, p. 146) [as subdivision of tribe Attini]. Designated to include genera *Apterostigma*, *Mycocepurus*, *Myrmicocrypta*. Unavailable name; not based on genus rank taxon. Contained material referable to Attini: Bolton, 2003: 265. [Paleoattini: Sosa-Calvo & Schultz, 2010: 183; unavailable name.]

PALEOPONERINAE

Paleoponerinae Forel, 1917: 231 [as "section" of Ponerinae]. Section designated to include tribe Myrmeciini. Unavailable name; not based on genus rank taxon. Contained material referable to Myrmeciini: Bolton, 1994: 73.

PHALACROMYRMECINI

Phalacromyrmecini Wheeler, G.C. & Wheeler, J. 1976b: 60 [as tribe of Myrmicinae], and Phalacromyrmecini Wheeler, G.C. & Wheeler, J. 1985: 258 [as tribe of Myrmicinae]. Unavailable names; in both cases proposed without diagnosis.

PROCAMPONOTINAE

Procamponotinae Forel, 1912i: 88 [as "section" of Camponotinae]. Section designated to include tribe Myrmoteratini. Unavailable name; not based on genus rank taxon. Contained material referable to Myrmoteratini: Bolton, 1994: 51.

PRODOLICHODERINAE

Prodolichoderinae Forel, 1917: 247 [as "section" of Dolichoderinae]. Section designated to include tribes Aneuretini, Dolichoderini and Leptomyrmicini. Unavailable name; not based on genus rank taxon. Contained material referable to Aneuretinae and Dolichoderinae: Bolton, 1994: 15, 27.

PRODORYLINAЕ

Prodorylinae Emery, 1909c: 355 [as "group" of Ponerinae]; Emery, 1911d: 5 [as "sectio" of Ponerinae]. Group designated to include tribe Cerapachyini. Unavailable name; not based on genus rank taxon. Contained material referable to Cerapachyinae: Bolton, 1990a: 66.

PROMYRMICINAE

Promyrmicinae Forel, 1911h: 446 [as "section" of Ponerinae]; Emery, 1921f: 19. Section designated to include tribe Metaponini. Unavailable name; not based on genus rank taxon. Contained material referable to Metaponini: Bolton, 1994: 106.

Promyrmicinae: Forel, 1917: 240 [incorrect expansion of the above unavailable name to include tribes Metaponini and Pseudomyrmini]. Unavailable name.

Promyrmicidae: Bernard, 1951: 1053 [incorrectly treated as family, including only tribe Pseudomyrmini]. Unavailable name.

PROPONERINAE

Proponerinae Emery, 1909c: 355 [as "group" of Ponerinae]; Emery, 1911d: 16 [as "sectio" of Ponerinae]. Group designated to include tribes Amblyoponini and Proceratiini. Unavailable name; not based on genus rank taxon. Contained material referable to Ponerinae: Bolton, 1994: 164.

PSEUDOPONERINAE

Pseudoponerinae LaPolla, Dlussky & Perrichot, 2013: 614 (in table). *Nomen nudum*.

RHAGIOMYRMICINAE

Rhagiomyrmicinae Forel, 1917: 246 [as "section" of Myrmicinae]. Section designated to include tribes Cataulacini, Cephalotini [=Cryptocerini] and Dacetini. Unavailable name; not based on genus rank taxon. Contained material referable to Myrmicinae: Bolton, 1994: 106.

TARAXOPONERINAE

Taraxoponerinae Forel, 1917: 231 [as "section" of Ponerinae]. Section designated to include tribes Ectatommini, Paraponerini, Platythyreini, Proceratiini and Thaumatomyrmecini. Unavailable name; not based on genus rank taxon. Contained material referable to Ponerinae: Bolton, 1994: 164.

Genus-group names *incertae sedis* in Formicidae

Genus **CALYPTITES*

**Calyptites* Scudder, 1877b: 270 [as member of family Braconidae]. Type-species: **Calyptites antediluvianum* Scudder, 1877b: 270, by monotypy.

Taxonomic history

**Calyptites* in Braconidae: Scudder, 1891: 629; Donisthorpe, 1943f: 629.

**Calyptites* in Formicidae: Wheeler, W.M. 1911f: 160.

**Calyptites incertae sedis* in Formicidae: Carpenter, 1930: 21; Brown, 1973b: 179; Bolton, 1995b: 23, 83 (family unresolved).

Genus **CONDYLODON**

Condylodon Lund, 1831a: 131. Type-species: *Condylodon audouini* Lund, 1831a: 132, by monotypy.

Taxonomic history

Condylodon in family Mutillidae?: Swainson & Shuckard, 1840: 173.

Condylodon as junior synonym of *Pseudomyrma*: Dalla Torre, 1893: 55.

Condylodon in Ponerinae?: Emery, 1921f: 28 (footnote).

Condylodon not in Pseudomyrmecinae, dubiously Ponerinae: Ward, 1990: 471.

Condylodon incertae sedis in Ponerinae: Bolton, 1994: 164; Bolton, 1995b: 146.

Condylodon incertae sedis in Formicidae: Bolton, 2003: 263.

Genus ***EOFORMICA**

**Eoformica* Cockerell, 1921: 38. Type-species: **Eoformica eocenica* Cockerell, 1921: 38 (junior synonym of **Liometopum pingue* Scudder, 1877a: 742), by monotypy.

Taxonomic history

**Eoformica incertae sedis* in Ponerinae: Cockerell, 1921: 38.

**Eoformica* in Formicinae, Oecophyllini: Donisthorpe, 1943f: 643.

**Eoformica incertae sedis* in Myrmicinae: Carpenter, 1930: 17; Bolton, 1994: 106; Bolton, 1995b: 188.

**Eoformica incertae sedis* in Formicidae: Dlussky & Rasnitsyn, 2002: 424.

[**Formicites* (collective group name) material absorbed into **Eoformica*: Dlussky & Rasnitsyn, 2002: 424.]

Genus ***FONSECAHYMEN**

**Fonsecahymen* Martins-Neto & Mendes, 2002: 29. Type-species: **Fonsecahymen stigmata* Martins-Neto & Mendes, 2002: 29, by original designation.

Taxonomic history

**Fonsecahymen* related to *Oecophylla*: Martins-Neto & Mendes, 2002: 30.

**Fonsecahymen incertae sedis* in Formicidae: current status (unpublished).

Genus *HYPOCHIRA*

Hypochira Buckley, 1866: 169 [as subgenus of *Formica*]. Type-species: *Formica (Hypochira) subspinosa* Buckley, 1866: 169, by monotypy.

Taxonomic history

Hypochira in Formicinae, Formicini: Donisthorpe, 1943f: 652.

Hypochira incertae sedis in Dolichoderinae: Smith, D.R. 1979: 1422.

Hypochira as junior synonym of *Formica*: Dalla Torre, 1893: 192; Agosti, 1994a: 106.

Hypochira as questionable junior synonym of *Dolichoderus*: Emery, 1895c: 338; Emery, 1925b: 271.

Hypochira incertae sedis in Formicidae: Bolton, 1995b: 31 (unidentifiable taxon).

Genus **KLONDIKIA*

**Klondikia* Dlussky & Rasnitsyn, 2002: 427. Type-species: **Klondikia whiteae* Dlussky & Rasnitsyn, 2002: 427, by original designation.

Taxonomic history

**Klondikia incertae sedis* in Formicidae: Dlussky & Rasnitsyn, 2002: 427.

Genus **KOHLSIMYRMA*

**Kohlsimyrma* Dlussky & Rasnitsyn, 2002: 427. Type-species: **Kohlsimyrma laticeps* Dlussky & Rasnitsyn, 2002: 429, by original designation.

Taxonomic history

**Kohlsimyrma incertae sedis* in Formicidae: Dlussky & Rasnitsyn, 2002: 427.

Genus **MYANMYRMA*

**Myanmyrma* Engel & Grimaldi, 2005: 13. Type-species: **Myanmyrma gracilis* Engel & Grimaldi, 2005: 14, by original designation.

Taxonomic history

**Myanmyrma incertae sedis* in Formicidae: Engel & Grimaldi, 2005: 13; Archibald, Cover & Moreau, 2006: 510.

Genus *NOONILLA*

Noonilla Petersen, 1968: 582. Type-species: *Noonilla copiosa* Petersen, 1968: 585, by original designation.

Taxonomic history

Noonilla in Leptanillinae: Petersen, 1968: 582; Baroni Urbani, 1977c: 482; Dlussky & Fedoseeva, 1988: 79.

Noonilla in Leptanillinae, Leptanillini: Bolton, 1990b: 276; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 1995b: 292.

Noonilla incertae sedis in Formicidae: Ogata, Terayama & Masuko, 1995: 33.

Noonilla references: Baroni Urbani, 1977c: 482 (review of genus); Ogata, Terayama & Masuko, 1995: 33 (review of genus).

Genus ***SYNTAPHUS**

**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: 399.

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

Genus-group names unavailable in Formicidae

Eurhopalothrix Brown & Kempf, 1960: 202; unavailable name, proposed without designation of type-species.

Pseudacantholepis Bernard, 1953b: 256 (attributed to Santschi) [as subgenus of *Acantholepis*]. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Bernard (1953b) are all referable to *Lepisiota*: Bolton, 1995b: 44.

Sphaeromessor Bernard, 1985: 48. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Bernard (1985) are all referable to *Messor*: Bolton, 1995b: 46.

Sulcomyrmex Kratochvíl, 1941: 84 [as subgenus of *Tetramorium*]. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Kratochvíl (1941) are all referable to *Tetramorium*: Bolton, 1976: 359.

Genus-group names *nomina nuda* in FORMICIDAE

ANCYLOGNATHUS

Ancylognathus Lund, 1831a: 121, 135. Type-species: *Ancylognathus lugubris* Lund, 1831a: 121, *nomen nudum*. [Acylognathus material referred to *Eciton*: Smith, F. 1855c: 160.]

***DOLICHOFORMICA**

****Dolichoformica*** Grimaldi & Engel, 2005: 446 (in table), *nomen nudum*. Type-species: **Dolichoformica helferi* Grimaldi & Engel, 2005: 446 (in table), *nomen nudum*.

HYPOPHEIDOLE

Hypopheidole Ashmead, 1905b: 383, *nomen nudum*.

LEPTOXENUS

Leptoxenus Forel, 1917: 245 (attributed to Santschi), *nomen nudum*.

MYRMEGIS

Myrmegis Rafinesque, 1815: 124, *nomen nudum*. [Brown, 1973b: 182, places *Myrmegis* as a junior synonym of *Atta*, because the entry in Rafinesque reads, "6. *Myrmegis* R. *Atta* Latr."]

PERGANDEA

Pergandea Ashmead, 1905b: 382, *nomen nudum*.

SALTICOMORPHA

Salticomorpha Motschoulsky, 1855: 10, *nomen nudum*.

SAVIGNYI

Savignyi Sharaf & Aldawood, in El-Hawagry, et al. 2013: 67 (in list), *nomen nudum*. [Entry in list as *Savignyi savignyi*, error for *Cataglyphis savignyi* (Dufour, 1862: 141).]

TITUSIA

Titusia Ashmead, 1905b: 382, *nomen nudum*.

Genus-group names excluded from Formicidae

The following were originally described as members of Formicidae but are now excluded.

Genus **CARIRIDRIS*

**Cariridris* Brandão & Martins-Neto, 1990: 201. Type-species: **Cariridris bipetiolata* Brandão & Martins-Neto, 1990: 201, by original designation.

Taxonomic history

**Cariridris incertae sedis* in Myrmeciinae: Brandão & Martins-Neto, 1990: 203; Bolton, 1994: 73; Bolton, 1995b: 134.

**Cariridris* in Sphecidae: Verhaagh, 1996: 11; Dlussky & Rasnitsyn, 2002: 418.

**Cariridris incertae sedis* in Hymenoptera, Aculeata: Grimaldi, Agosti & Carpenter, 1997: 7.

Genus **CRETACOFORMICA*

**Cretacoformica* Jell & Duncan, 1986: 190. Type-species: **Cretacoformica explicata* Jell & Duncan, 1986: 191, by original designation.

Taxonomic history

**Cretacoformica incertae sedis* in Formicidae: Jell & Duncan, 1986: 190.

**Cretacoformica* excluded from Formicidae: Naumann, 1993: 355.

**Cretacoformica* dubiously Formicidae: Bolton, 1995b: 25, 166.

**Cretacoformica incertae sedis* in Hymenoptera, Apocrita: Grimaldi, Agosti & Carpenter, 1997: 7.

Genus *FORMILA*

Formila de Romand, 1846: xxxii. Type-species: *Formila chevrolatii* Romand, 1846: xxxii, by monotypy.

Taxonomic history

Formila in Formicidae: de Romand, 1846: xxxii; Dalla Torre, 1893: 193.

Formila in Embolemidae: Muesebeck & Walkley, 1951: 1043.

Genus **MYRMICIUM*

**Myrmicum* Westwood, 1854: 396. Type-species: **Myrmicum heerii* Westwood, 1854: 396, by monotypy.

Taxonomic history

**Myrmicium* in Myrmicinae: Dalla Torre, 1893: 108; Bolton, 1995b: 37 (anachronism).

**Myrmicium* in *Myrmiciidae (Symphyta): Maa, 1949: 17; Rasnitsyn, 1969: 17; Jarzemowski, 1993: 179.

**Myrmicium* in *Pseudosiricidae: Handlirsch, 1906: 577; Abe & Smith, D.R. 1991: 53.

**Myrmicium* as junior synonym of **Pseudosirex*: Handlirsch, 1906: 577.

**Myrmicium* as junior synonym of *Myrmica*: Dalla Torre, 1893: 108; Forel, 1915d: 9.

**Myrmicium* as genus: Westwood, 1854: 396; Maa, 1949: 17; Rasnitsyn, 1969: 17; Jarzemowski, 1993: 179; Bolton, 1995b: 37.

[**Myrmecium*: incorrect subsequent spelling by Dalla Torre, 1893: 108.]

Genus ***PALAEOMYRMEX**

**Palaeomyrmex* Heer, 1865: 91. Type-species: **Palaeomyrmex prodromus* Heer, 1865: 91, by monotypy.

Taxonomic history

**Palaeomyrmex* in Formicidae: Heer, 1865: 91.

**Palaeomyrmex* incertae sedis in Formicidae: Dalla Torre, 1893: 273.

**Palaeomyrmex* in Homoptera: Handlirsch, 1906: 507.

Genus ***PROMYRMICIUM**

**Promyrmicium* Baroni Urbani, 1971b: 362.

Taxonomic history

[Replacement name for **Myrmicium* Heer, 1870: 78; junior homonym of **Myrmicium* Westwood, 1854: 396.]

**Promyrmicium* in Formicidae, Myrmicinae: Baroni Urbani, 1971b: 362; Bolton, 1994: 106 (anachronism).

**Promyrmicium* in Ichneumonidae: Birket-Smith, 1977: 8.

Homonym replaced by ***PROMYRMICIUM**

**Myrmicium* Heer, 1870: 78. Type-species: **Myrmicium boreale* Heer, 1870: 78, by monotypy.

Taxonomic history

[Junior homonym of **Myrmicium* Westwood, 1854: 396 (*Pseudosiricidae).]

Genus **SCYPHODON**

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

Taxonomic history

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: 382.

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

Scyphodon incertae sedis in Hymenoptera, Aculeata: Ogata, Terayama & Masuko, 1995: 33 (excluded from Formicidae).

Scyphodon references: Petersen, 1968: 591 (review of genus); Baroni Urbani, 1977c: 482 (review of genus); Ogata, Terayama & Masuko, 1995: 33 (review of genus).

FAMILY FORMICIDAE REFERENCES, WORLD

WORLD CATALOGUES

Roger, 1863b: 1 (Formicidae); Mayr, 1863: 394 (Formicidae); Dalla Torre, 1893: 1 (Formicidae); Emery, 1910b: 3 (Dorylinae); Emery, 1911d: 2 (Ponerinae); Emery, 1913a: 2 (Dolichoderinae); Emery, 1921f: 3, Emery, 1922e: 95 and Emery, 1924d: 207 (Myrmicinae); Emery, 1925b: 2 (Formicinae); Shattuck, 1994: 1 (Aneuretinae and Dolichoderinae); Bolton, 1995b: 7 (Formicidae).

WORLD SYNOPTIC CLASSIFICATIONS

Forel, 1893a: 161 (Formicidae); Emery, 1895j: 764 (Formicidae); Emery, 1896e: 173 (Formicidae); Ashmead, 1905b: 381 (Formicidae); Wheeler, W.M. 1910g: 134 (Formicidae); Emery, 1910b: 3 (Dorylinae); Emery, 1911d: 2 (Ponerinae); Emery, 1913a: 2 (Dolichoderinae); Forel, 1917: 235 (Formicidae); Emery, 1921f: 3 and Emery, 1922e: 95 (Myrmicinae); Wheeler, W.M. 1922a: 631 (Formicidae); Emery, 1924d: 207 (Myrmicinae); Emery, 1925b: 2 (Formicinae); Brown, 1973b: 165, 178 (Formicidae); Snelling, R.R. 1981: 387 (Formicidae); Wheeler, G.C. & Wheeler, J. 1985: 256 (Formicidae); Dlussky & Fedoseeva, 1988: 77 (Formicidae); Hölldobler & Wilson, 1990: 9 (Formicidae); Bolton, 1994: 12 (Formicidae); Bolton, 2003: 4 (Formicidae); Engel & Grimaldi, 2005: 4 (Formicidae); Ward, 2007a: 549 (Formicidae).

WORLD IDENTIFICATION KEYS

Emery, 1896e: 173 (Formicidae subfamilies and genera); Emery, 1910b: 4 (Dorylinae tribes and genera); Emery, 1911d: 4 (Ponerinae tribes and genera); Emery, 1913a: 6 (Dolichoderinae tribes and genera); Escherich, 1917: 2 (Formicidae subfamilies); Emery, 1921f: 9, 12, 16 (Myrmicinae tribes and genera); Wheeler, W.M. 1922a: 631 (Formicidae subfamilies, tribes and genera); Emery, 1925b: 7 (Formicinae tribes and genera); Clark, 1951: 14 (Formicidae subfamilies); Wheeler, G.C. & Wheeler, J. 1972a: 42 (Formicidae subfamilies); Snelling, R.R. 1981: 386 (Formicidae subfamilies); Hölldobler & Wilson, 1990: 33 (Formicidae subfamilies and genera); Bolton, 1990c: 1361 (Formicidae subfamilies);

Shattuck, 1992c: 20 (Dolichoderinae genera); Ward, 1990: 464 (Pseudomyrmecinae genera); Brothers & Finnamore, 1993: 218 (Formicidae subfamilies); Bolton, 1994: 7 (Formicidae subfamilies and genera); Bolton, 2003: 11 (revision of subfamilies).

MORPHOLOGY OF FORMICIDAE

Forel, 1878: 339 (proventriculus); Janet, 1902: 25 (general anatomy); Pietschker, 1910: 1 (brain structure); Wheeler, W.M. 1910g: 13 (general morphology, anatomy); Emery, 1913c: 577 (venation); Wheeler, W.M. 1918c: 293 (larvae); Janet, 1923: 5 (anatomical drawings synopsis); Bugnion, 1930: 85 (mouthparts); Brown & Nutting, 1950: 113 (venation); Gregg, 1953a: 328 (promesonotal suture motility); Eisner, 1957: 439 (proventriculus); Gotwald, 1969: 1 (mouthparts and gaster); Crozier, 1970: 109 (karyology); Markl, 1973: 258 (stridulitrum); Wheeler, G.C. & Wheeler, J. 1976b: 45 (larvae); Hölldobler & Engel, 1979: 285 and Hölldobler & Engel-Siegel, 1982: 113 (tergal and sternal glands); Imai, Baroni Urbani, Kubota et al. 1984: 5 (karyology); Imai, Brown, Kubota et al. 1984: 66 (karyology); Imai, Kubota, Brown, et al. 1985: 46 (karyology); Hölldobler & Engel-Siegel, 1985: 201 (metapleural gland); Billen, 1986: 165 (Dufour's gland); Wheeler, G.C. & Wheeler, J. 1986e: 684 (larvae); Brown, 1988h: 17 (malpighian tubule numbers); Caetano, 1988: 129 (digestive tract anatomy); Francoeur & Loiselle, 1988a: 333 (strigil, evolution); Hölldobler & Wilson, 1990: 5, 229 (anatomy, exocrine glands); Hashimoto, 1991a: 125 (antennal and labial sensilla); Hashimoto, 1991b: 289 (tibial spurs); Billen, 1993: 4 (exocrine glands); Bolton, 1994: 191 (morphology glossary); Hölldobler, Obermayer & Peeters, 1996: 157 (metatibial gland); Wenseleers, Schoeters, et al. 1998: 121 (cloacal gland); Perrault, 1999: 125 (thoracic anatomy); Perrault, 2004: 291 (anterior metasomal anatomy); Serna & Mackay, 2010: 1 (*Procryptocerus* morphology); Keller, 2011: 1 (phylogenetic analysis of morphology); Keller, et al. 2014: 1 (evolution of thorax architecture).

EVOLUTION AND PHYLOGENY OF FORMICIDAE

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key); Bolton, 2003: 73 (fossil subfamilies synopsis); Dlussky & Rasnitsyn, 2007: 118 (Palaeontological record); Dlussky & Rasnitsyn, 2009: 1024 (European Upper Eocene amber, synopsis of species).

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SYNOPSIS OF FORMICIDAE: SUBFAMILIES ANEURETINAE AND DOLICHODERINAE

(DOLICHODEROMORPHS)

SUBFAMILY ANEURETINAE

Subfamily ANEURETINAE

Aneuretini Emery, 1913a: 6. Type-genus: *Aneuretes* Emery, 1893a: cclxxv.

Taxonomic history

Aneuretinae as junior synonym of Dolichoderinae: Baroni Urbani, 1989: 147.

Aneuretinae as subfamily of Formicidae: Clark, 1951: 16 (footnote); Wilson, Eisner, *et al.* 1956: 93; Wheeler, G.C. & Wheeler, J. 1972a: 40; Snelling, R.R. 1981: 400; Dlussky & Fedoseeva, 1988: 78; Bolton, 1990c: 1361; Hölldobler & Wilson, 1990: 16; Shattuck, 1992b: 201; Baroni Urbani, Bolton & Ward, 1992: 315; Shattuck, 1994: 1; Bolton, 1994: 15; Bolton, 1995b: 9.

Aneuretinae as formicomorph subfamily of Formicidae: Bolton, 2003: 18, 79.

Aneuretinae as formicoid subfamily of Formicidae: Brady, Schultz, et al. 2006: 18173; Moreau, Bell, et al. 2006: 102.

Aneuretinae as formicoid dolichoderomorph subfamily of Formicidae: Ward, 2007a: 556.

Tribes of Aneuretinae: Aneuretini, *Pityomyrmecini.

Genera (extinct) *incertae sedis* in Aneuretinae: **Burmomyrma*, **Cananeureetus*.

Tribe ANEURETINI

Aneuretini Emery, 1913a: 6. Type-genus: *Aneuretus* Emery, 1893a: cclxxv.

Taxonomic history

Aneuretini as tribe of Dolichoderinae: Emery, 1913a: 6; Wheeler, W.M. 1915h: 71; Forel, 1917: 247; Wheeler, W.M. 1922a: 687; Carpenter, 1930: 37; Chapman & Capco, 1951: 181; Brown, 1954e: 29 (in text).

Aneuretini as tribe of Aneuretinae: Wilson, Eisner, et al. 1956: 93 (footnote); Hölldobler & Wilson, 1990: 16; Bolton, 1994: 15; Bolton, 2003: 18.

Genus (extant) of Aneuretini: *Aneuretus*.

Genera (extinct) of Aneuretini: **Aneuretellus*, **Mianeureetus*, **Paraneureetus*, **Protaneureetus*.

Genera of Aneuretini

Genus *ANEURETELLUS

****Aneuretellus*** Dlussky, 1988: 54. Type-species: **Aneuretellus deformis* Dlussky, 1988: 54, by original designation.

Taxonomic history

**Aneuretellus* in Aneuretinae, Aneuretini: Dlussky, 1988: 54; Dlussky & Fedoseeva, 1988: 78; Shattuck, 1994: 1; Bolton, 1994: 15; Bolton, 2003: 80.

**Aneuretellus* as genus: all authors.

****Aneuretellus* catalogues:** Shattuck, 1994: 1; Bolton, 1995b: 63.

Genus ANEURETUS

Aneuretus Emery, 1893a: cclxxv. Type-species: *Aneuretus simoni* Emery, 1893a: cclxxvi, by monotypy.

Taxonomic history

[*Aneuretus* also described as new by Emery, 1893f: 241.]

Aneuretus in Ponerinae: Emery, 1895j: 767; Emery, 1896e: 176.

Aneuretus in Dolichoderinae: Forel, 1895e: 461; Bingham, 1903: 290; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 142.

Aneuretus in Dolichoderinae, Aneuretini: Emery, 1913a: 6; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; Donisthorpe, 1943f: 623; Chapman & Capco, 1951: 181; Brown, 1973b: 169; Baroni Urbani, 1989: 147.

Aneuretus in Aneuretinae, Aneuretini: Clark, 1951: 16 (footnote); Wilson, Eisner, et al. 1956: 93; Snelling, R.R. 1981: 400; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 16; Bolton, 1990c: 1361; Shattuck, 1992b: 201; Baroni Urbani, Bolton & Ward, 1992: 315; Shattuck, 1994: 1; Bolton, 1994: 15; Bolton, 2003: 80.

Aneuretus as genus: all authors.

***Aneuretus* catalogues:** Emery, 1913a: 6; Shattuck, 1994: 1; Bolton, 1995b: 63.

***Aneuretus* and *Aneuretinae* references:** Forel, 1895e: 461 (diagnosis); Bingham, 1903: 290 (diagnosis); Emery, 1913a: 6 (diagnosis); Wilson, Eisner, et al. 1956: 81 (diagnosis, review of subfamily and genus); Eisner, 1957: 453 (proventriculus morphology); Wheeler, G.C. & Wheeler, J. 1972a: 40 (diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 60 (larvae, review & synthesis); Wheeler, G.C. & Wheeler, J. 1985: 258 (synoptic classification); Bolton, 1990c: 1361 (morphology, status); Shattuck, 1992b: 201 (higher classification, phylogeny); Baroni Urbani, Bolton & Ward, 1992: 315 (phylogeny); Bolton, 1994: 15 (diagnosis, synoptic classification); Bolton, 1995a: 1047 (census); Dlussky & Rasnitsyn, 2002: 414 (diagnosis, wingless impression fossils); Bolton, 2003: 18, 79 (diagnosis, synopsis); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell, et al. 2006: 102 (phylogeny); Keller, 2011: 1 (morphology, phylogeny).

Genus ***MIANEURETUS**

****Mianeuretus*** Carpenter, 1930: 38. Type-species: **Mianeuretus mirabilis* Carpenter, 1930: 38, by original designation.

Taxonomic history

**Mianeuretus* in Dolichoderinae, Aneuretini: Carpenter, 1930: 38.

**Mianeuretus* in Aneuretinae, Aneuretini: Wilson, Eisner, Wheeler & Wheeler, 1956: 93 (footnote); Snelling, R.R. 1981: 401; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17; Bolton, 1994: 15; Bolton, 2003: 80.

**Mianeuretus* as genus: all authors.

***Mianeuretus catalogues**: Shattuck, 1994: 2; Bolton, 1995b: 258.

***Mianeuretus references**: Dlussky & Rasnitsyn, 2002: 414 (diagnosis).

Genus ***PARANEURETUS**

***Paraneuretus** Wheeler, W.M. 1915h: 73. Type-species: **Paraneuretus tornquisti* Wheeler, W.M. 1915h: 75, by original designation.

Taxonomic history

[**Paraneuretus* Wheeler, W.M. 1908g: 413; Wheeler, W.M. 1910g: 148; Emery, 1913a: 2; *nomina nuda*.]

**Paraneuretus* in Dolichoderinae, Aneuretini: Wheeler, W.M. 1915h: 73; Donisthorpe, 1943f: 681.

**Paraneuretus* in Aneuretinae, Aneuretini: Wilson, Eisner, Wheeler & Wheeler, 1956: 93 (footnote); Snelling, R.R. 1981: 400; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17; Bolton, 1994: 15; Bolton, 2003: 80.

**Paraneuretus* as genus: all authors.

***Paraneuretus catalogues**: Shattuck, 1994: 2; Bolton, 1995b: 311.

Genus ***PROTANEURETUS**

***Protaneuretus** Wheeler, W.M. 1915h: 71. Type-species: **Protaneuretus succineus* Wheeler, W.M. 1915h: 72, by monotypy.

Taxonomic history

[**Protaneuretus* Wheeler, W.M. 1908g: 413; Wheeler, W.M. 1910g: 148; Emery, 1913a: 2; *nomina nuda*.]

**Protaneuretus* in Dolichoderinae, Aneuretini: Wheeler, W.M. 1915h: 71; Donisthorpe, 1943f: 688.

**Protaneuretus* in Aneuretinae, Aneuretini: Wilson, Eisner, *et al.* 1956: 93 (footnote); Snelling, R.R. 1981: 400; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17; Bolton, 1994: 15; Bolton, 2003: 80.

**Proaneuretus* as genus: all authors.

***Protaneuretus catalogues**: Shattuck, 1994: 2; Bolton, 1995b: 369.

Tribe ***PITYOMYRMECINI**

***Pityomyrmecini** Wheeler, W.M. 1915h: 98. Type-genus: **Pityomyrmex* Wheeler, W.M. 1915h: 98.

Taxonomic history

**Pityomyrmecini* as tribe of Dolichoderinae: Wheeler, W.M. 1915h: 98; Dlussky & Fedoseeva, 1988: 78.

**Pityomyrmecini* as tribe of Formicinae: Donisthorpe, 1943f: 684 (error).

**Pityomyrmecini* as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 2003: 81.

**Pityomyrmecini* as tribe of Aneuretinae: Dlussky & Rasnitsyn, 2009: 1036 [by implication as type-genus transferred to Aneuretinae].

**Pityomyrmecini incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

Genus of Pityomyrmecini: **Pityomyrmex*.

Genus ***PITYOMYRMEX**

****Pityomyrmex*** Wheeler, W.M. 1915h: 98. Type-species: **Pityomyrmex tornquisti* Wheeler, W.M. 1915h: 99, by monotypy.

Taxonomic history

**Pityomyrmex* in Dolichoderinae, **Pityomyrmecini*: Wheeler, W.M. 1915h: 98; Dlussky & Fedoseeva, 1988: 78.

**Pityomyrmex* in Formicinae, **Pityomyrmecini*: Donisthorpe, 1943f: 684 (error).

**Pityomyrmex* in Dolichoderinae: Shattuck, 1994: 139; Bolton, 1994: 26; Bolton, 2003: 90.

**Pityomyrmex* in Aneuretinae: Dlussky & Rasnitsyn, 2009: 1036.

**Pityomyrmex incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Pityomyrmex* as genus: all authors.

****Pityomyrmex catalogues***: Shattuck, 1994: 139; Bolton, 1995b: 334.

Genera *incertae sedis* in ANEURETINAE

Genus ***BURMOMYRMA**

****Burmomyrma*** Dlussky, 1996: 87. Type-species: **Burmomyrma rossi* Dlussky, 1996: 87, by original designation.

Taxonomic history

**Burmomyrma* dubiously in Aneuretinae: Dlussky, 1996: 87.

**Burmomyrma incertae sedis* in Aneuretinae: Bolton, 2003: 18, 80.

**Burmomyrma* as genus: all authors.

Genus *CANANEURETUS

***Cananeuretus** Engel & Grimaldi, 2005: 17. Type-species: **Cananeuretus occidentalis* Engel & Grimaldi, 2005: 18, by original designation.

Taxonomic history

**Cananeuretus incertae sedis* in Aneuretinae: Engel & Grimaldi, 2005: 17.

**Cananeuretus* as genus: all authors.

SUBFAMILY DOLICHODERINAE

Subfamily DOLICHODERINAE

Dolichoderidae Forel, 1878: 364. Type-genus: *Dolichoderus* Lund, 1831a: 130.

Taxonomic history

Dolichoderinae as family: Emery, 1894g: 378 [Dolichoderidae]; Ashmead, 1905b: 384 [Dolichoderidae]; Novák & Sadil, 1941: 94 [Dolichoderidae]; Bernard, 1951: 1071 [Dolichoderidae]; Bernard, 1953b: 255 [Dolichoderidae].

Dolichoderinae as tribe of Formicidae: André, 1882a: 127 [Dolichoderidae].

Dolichoderinae as subfamily of Formicidae: Forel, 1878: 364 [Dolichoderidae]; Emery & Forel, 1879a: 454 [Dolichoderidae]; Nasonov, 1889: 26 [Dolichoderidae]; Forel, 1892j: 220 [Dolichoderidae]; Forel, 1893a: 165; Dalla Torre, 1893: 156; Forel, 1895b: 107 [Dolichoderidae]; Emery, 1895j: 771 [subfamily spelled Dolichoderini]; Emery, 1896e: 186; Forel, 1899c: 98; Bingham, 1903: 288; Ruzsky, 1905b: 102; Wheeler, W.M. 1910g: 142; Emery, 1913a: 2; Arnold, 1915: 143; Wheeler, W.M. 1915h: 71; Wheeler, 1915g: 811 [Dolichoderides]; Arnold, 1915: 143; Donisthorpe, 1915d: 178; Forel, 1917: 247; Escherich, 1917: 2 [Dolichoderini]; Bondroit, 1918: 86 [Dolichoderitae]; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 199; Borgmeier, 1923: 80; Karavaiev, 1936: 163; Smith, M.R. 1951a: 833; Clark, 1951: 16; Brown, 1954e: 29; Kempf, 1972a: 266; Wheeler, G.C. & Wheeler, J. 1972a: 41; Brown, 1973b: 169; all subsequent authors.

Dolichoderinae as formicomorph subfamily of Formicidae: Bolton, 2003: 18, 80.

Dolichoderinae as formicoid subfamily of Formicidae: Brady, Schultz, et al. 2006: 18173; Moreau, Bell, et al. 2006: 102.

Dolichoderinae as formicoid dolichoderomorph subfamily of Formicidae: Ward, 2007a: 556.

Dolichoderinae references, world: Forel, 1878: 364, 380 (diagnosis, genera); Dalla Torre, 1893: 156 (catalogue); Emery, 1895j: 771 (synoptic classification); Emery, 1896e: 186 (genera key); Handlirsch, 1907: 869 (*fossil taxa catalogue); Wheeler, W.M. 1910g: 142 (diagnosis); Emery, 1913a: 2, 6 (diagnosis, tribe key, catalogue); Emery, 1913a: 17 (Tapinomini diagnosis, genera key, catalogue); Arnold, 1915: 144, (diagnosis); Gallardo, 1916a: 3 (diagnosis); Forel, 1917: 247 (synoptic classification); Forel, 1921c: 136 (diagnosis); Wheeler, W.M. 1922a: 199, 687, 688 (diagnosis, tribe key, Tapinomini genera key); Brown & Nutting, 1950: 127 (venation, phylogeny); Brown, 1954e: 29 (phylogeny); Pavan, 1955: 135 (gastral organs); Eisner, 1957: 453 (proventriculus morphology); Bernard, 1967: 246 (diagnosis); Gotwald, 1969: 118 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 41 (diagnosis); Brown, 1973b: 169 (genera & distribution); Wheeler, G.C. & Wheeler, J. 1976b: 61 (larvae, review & synthesis); Snelling, R.R. 1981: 401 (synoptic classification); Dazzini Valcurone & Fanfani, 1985: 1 (gastral glands); Wheeler, G.C. & Wheeler, J. 1985: 258 (synoptic classification); Billen, 1986: 173 (Dufour's gland); Billen, 1987: 278 (abdominal glands); Baroni Urbani & Wilson, 1987: 1 (*fossil Leptomyrmecini); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 9 (synoptic classification, genera keys); Baroni Urbani, Bolton & Ward, 1992: 316 (phylogeny); Shattuck, 1992b: 199 (higher classification, phylogeny); Shattuck, 1992c: 20 (revision of subfamily, genera key); Shattuck, 1994: 3 (catalogue); Bolton, 1994: 22 (diagnosis, synoptic classification, genera keys); Shattuck, 1995: 217 (phylogeny, genera); Bolton, 1995a: 1038 (census); Bolton, 1995b: 10 (catalogue); Wenseleers, Schoeters, *et al.*, 1998: 121 (cloacal gland); Brandão, Baroni Urbani, *et al.* 1999: 411 (phylogeny, genera); Chiotis, Jermini & Crozier, 2000: 108 (phylogeny, genera); Dlussky & Rasnitsyn, 2002: 416 (diagnosis for impression fossils); Bolton, 2003: 18, 80 (diagnosis, synopsis); Dubovikoff, 2005a: 91 (tribes of Dolichoderinae); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Ward, Brady, *et al.* 2010: 342 (phylogeny, tribe-rank classification); Keller, 2011: 1 (morphology, phylogeny).

Regional and national faunas with keys: André, 1882a: 127 (Europe & Algeria); Nasonov, 1889: 50 (Russia); Forel, 1891b: 9 (Madagascar genera); Forel, 1895e: 460 (India & Sri Lanka); Bingham, 1903: 288 (India, Sri Lanka & Burma); Ruzsky, 1905b: 102 (Russian Empire); Bondroit, 1910: 488 (Belgium); Wheeler, W.M. 1910g: 560 (North America genera); Stitz, 1914: 77 (Central Europe); Gallardo, 1915: 34 (Argentina genera); Forel, 1915d: 40 (Switzerland); Arnold, 1915: 145 (South Africa); Donisthorpe, 1915d: 178 (Britain); Gallardo, 1916a: 12 (Argentina); Emery, 1916b: 208 (Italy); Wheeler, W.M. 1916m: 589 (U.S.A., Connecticut); Bondroit, 1918: 86 (France & Belgium); Gallardo, 1919b: 253 (Argentina genera); Soudek, 1922: 58 (Czechoslovakia); Stärcke, 1926: 117 (Netherlands); Karavaiev, 1927c: 271 (Ukraine); Donisthorpe, 1927b: 199 (Britain); Menozzi & Russo, 1930: 172 (Dominican Republic); Arnol'di, 1933b: 600 (Russia); Menozzi, 1933b: 90 (Israel genera); Karavaiev, 1936: 164 (Ukraine); Smith, M.R. 1937: 861 (Puerto Rico); Stitz, 1939: 209 (Germany); Kratochvíl, 1941: 94 (Central Europe); Novák & Sadil, 1941: 94 (Central Europe); Cole, 1942: 370 (U.S.A., Utah); Smith, M.R. 1943f: 309 (U.S.A. males); Buren, 1944a: 290 (U.S.A., Iowa); Smith, M.R. 1947f: 592 (U.S.A. genera); Creighton, 1950a: 330 (Nearctic); Kusnezov, 1956: 27 (Argentina); Brown, 1958h: 29 (New Zealand); Kusnezov, 1959: 40 (Neotropical genera); Gregg, 1963: 341 (U.S.A., Colorado); Wheeler, G.C. & Wheeler, J. 1963: 149 (U.S.A., North Dakota); Bernard, 1967: 246 (Western Europe); Wilson & Taylor, 1967: 17 (Polynesia); Bolton, 1973a: 329 (West Africa genera); Bolton & Collingwood, 1975: 3 (Britain); Boven, 1970b: 24 (Netherlands); Snelling, R.R. & Hunt, 1976: 90 (Chile); Tarbinsky, 1976: 118 (Kyrgyzstan); Boven, 1977: 123 (Belgium); Kutter, 1977c: 170 (Switzerland); Arnol'di & Dlussky, 1978: 546 (former European U.S.S.R.); Collingwood, 1978: 80 (Iberian Peninsula); Collingwood, 1979: 32

(Fennoscandia & Denmark); Greenslade, 1979: 28 (South Australia genera); Schembri & Collingwood, 1981: 420 (Malta); Allred, 1982: 443 (U.S.A., Utah); Baroni Urbani, 1984: 80 (Neotropical genera); Gösswald, 1985: 314 (Germany); Collingwood, 1985: 242 (Saudi Arabia); Wheeler, G.C. & Wheeler, J. 1986g: 55 (U.S.A., Nevada); Agosti & Collingwood, 1987b: 278 (Balkans); Dlussky, Soyunov & Zabelin, 1990: 168 (Turkmenistan); Kupyanskaya, 1990: 152 (Far Eastern Russia); Morisita, Kubota, Onoyama, *et al.*, 1991: 2 (Japan); Atanasov & Dlussky, 1992: 49 (Bulgaria); Lattke, in Jaffe, 1993: 147 (Neotropical genera); Arakelian, 1994: 70 (Armenia); Wu, J. & Wang, 1995: 115 (China genera); Kupyanskaya, 1995: 331 (Far Eastern Russia); Collingwood & Agosti, 1996: 359 (Saudi Arabia); Seifert, 1996b: 161 (Central Europe); Skinner & Allen, 1996: 40 (Britain); Collingwood & Prince, 1998: 20 (Portugal); Kim & Kim, 1999: 18 (Korea); Shattuck, 1999: 26, 64 (Australia genera, synopsis); Andersen, 2000: 59 (northern Australia genera); Zhou, 2001b: 149 (China, Guangxi); Czechowski, Radchenko & Czechowska, 2002: 134 (Poland); Aktaç & Radchenko, 2002: 54 (Turkey genera); Yoshimura & Onoyama, 2002: 425 (Japan genera, males); Mackay & Mackay, 2002: 221 (U.S.A., New Mexico); Palacio & Fernández, in Fernández, 2003d: 239 (Neotropical genera); Radchenko, 2005b: 186 (North Korea); Covert, 2005: 102 (U.S.A., Ohio); Clouse, 2007b: 190 (Micronesia); Seifert, 2007: 147 (North and Central Europe); Fisher, 2009: 51 (Malagasy genera); Terayama, 2009: 196 (Taiwan); Heterick, 2009: 28 (south-western Australia genera); Boer, 2010: 14 (Benelux); Yoshimura & Fisher, 2011: 7 (Malagasy males key); General & Alpert, 2012: 70 (Philippines genera key).

Tribes (extant) of Dolichoderinae: Bothriomyrmecini, Dolichoderini, Leptomyrmecini, Tapinomini.

Tribes (extinct) *incertae sedis* in Dolichoderinae: *Miomymecini, *Zherichiniini.

Genera (extinct) *incertae sedis* in Dolichoderinae: **Alloiomma*, **Asymphylomyrmex*, **Elaeomyrmex*, **Elaphrodites*, **Eldermymex*, **Emplastus*, **Eotapinoma*, **Eurymyrmex*, **Kotshkorkia*, **Leptomyrmula*, **Miomymex*, **Petraeomyrmex*, **Proiridomyrmex*, **Protazteca*, **Zherichinius*.

Tribe BOTHRIOMYRMECINI

Bothriomyrmecina Dubovikoff, 2005a: 92. Type-genus: *Bothriomyrmex* Emery, 1869c: 117.

Taxonomic history

Bothriomyrmecina as subtribe of Iridomyrmecini: Dubovikoff, 2005a: 92.

Bothriomyrmecini as tribe of Dolichoderinae: Ward, Brady, *et al.* 2010: 361.

Genera of Bothriomyrmecini: *Arnoldius*, *Bothriomyrmex*, *Chronoxenus*, *Loweriella*, *Ravavy*.

Genera of Bothriomyrmecini

Genus ARNOLDIUS

Arnoldius Dubovikoff, 2005a: 93. Type-species: *Bothriomyrmex flavus* Crawley, 1922c: 27, by original designation.

Taxonomic history

Arnoldius in Dolichoderinae, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 93.

Arnoldius in Dolichoderinae, Bothriomyrmecini: Ward, Brady, *et al.* 2010: 361.

Arnoldius as genus: all authors.

Arnoldius references: Heterick, 2009: 44 (south-western Australia species key).

Genus **BOTHRIOMYRMEX**

Bothriomyrmex Emery, 1869c: 117. Type-species: *Bothriomyrmex costae* Emery, 1869c: 118, by monotypy.

Taxonomic history

Bothriomyrmex in Formicinae: André, 1881b: 64 [Formicidae].

Bothriomyrmex in Dolichoderinae: Forel, 1878: 380 [Dolichoderidae]; Emery & Forel, 1879a: 454 [Dolichoderidae]; Dalla Torre, 1893: 170; Emery, 1895j: 771; Forel, 1895e: 469; Wheeler, W.M. 1910g: 142.

Bothriomyrmex in Dolichoderidae: Ashmead, 1905b: 384.

Bothriomyrmex in Dolichoderinae, Tapinomini: Emery, 1913a: 27; Forel, 1917: 248; Bondroit, 1918: 88; Wheeler, W.M. 1922a: 689; all subsequent authors to the following.

Bothriomyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 54; Bolton, 1994: 26; Bolton, 2003: 84.

Bothriomyrmex in Dolichoderinae, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 92.

Bothriomyrmex in Dolichoderinae, Bothriomyrmecini: Ward, Brady, *et al.* 2010: 361.

Bothriomyrmex as genus: all authors.

Bothriomyrmex catalogues: Emery & Forel, 1879: 454 (Europe); Dalla Torre, 1893: 170; Emery, 1913a: 27; Chapman & Capco, 1951: 187 (Asia); Taylor & Brown, D.R. 1985: 92 (Australia); Taylor, 1987a: 8 (Australia); Shattuck, 1994: 31; Bolton, 1995b: 80.

Bothriomyrmex references: Forel, 1878: 380 (diagnosis); André, 1882b: 218 (Europe & Algeria species); Forel, 1895e: 469 (India & Sri Lanka species key); Bingham, 1903: 305 (India, Sri Lanka & Burma species key); Emery, 1913a: 27 (diagnosis); Wheeler, W.M. 1922a: 690 (subgenera key); Emery, 1925e: 5 (European and Oriental species); Kratochvíl, 1941: 96 (Central Europe species key); Novák & Sadil, 1941: 96 (Central Europe species key); Bernard, 1967: 260 (diagnosis, Western Europe species key); Kutter, 1977c: 175 (Switzerland species key); Arnol'di & Dlussky, 1978: 548 (former European

U.S.S.R. species key); Collingwood, 1978: 87 (Iberian Peninsula species key); Gösswald, 1985: 316 (Germany species key); Agosti & Collingwood, 1987b: 279 (Balkans species key); Shattuck, 1992c: 54 (diagnosis, review of genus); Bolton, 1995a: 1048 (census); Wu, J. & Wang, 1995: 119 (China species key); Seifert, 1996b: 163 (Central Europe species key); Shattuck, 1999: 66 (Australia synopsis); Seifert, 2007: 148 (North and Central Europe species key); Seifert, 2012b: 103 (West European species key).

Genus **CHRONOXENUS**

Chronoxenus Santschi, 1919i: 202 [as subgenus of *Bothriomyrmex*]. Type-species: *Bothriomyrmex myops* Forel, 1895e: 471, by subsequent designation of Donisthorpe, 1944e: 102.

Taxonomic history

Chronoxenus in Dolichoderinae, Tapinomini: Wheeler, W.M. 1922a: 690; all subsequent authors to the following.

Chronoxenus in Dolichoderini, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 92.

Chronoxenus in Dolichoderinae, Bothriomyrmecini: Ward, Brady, *et al.* 2010: 361.

Chronoxenus as subgenus of *Bothriomyrmex*: Santschi, 1919i: 202; Wheeler, W.M. 1922a: 690.

Chronoxenus as junior synonym of *Bothriomyrmex*: Brown, 1973b: 179 [provisional]; Shattuck, 1992c: 54; Bolton, 1994: 26; Shattuck, 1994: 31; Bolton, 1995b: 24; Bolton, 2003: 84.

Chronoxenus as genus: Dubovikoff, 2005a: 92; Ward, Brady, *et al.* 2010: 361.

Genus **LOWERIELLA**

Loweriella Shattuck, 1992c: 126. Type-species: *Loweriella boltoni* Shattuck, 1992c: 129, by original designation.

Taxonomic history

Loweriella in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 126; Bolton, 1994: 26; Bolton, 2003: 90.

Loweriella in Dolichoderinae, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 93.

Loweriella in Dolichoderinae, Bothriomyrmecini: Ward, Brady, *et al.* 2010: 361.

Loweriella as genus: all authors.

Loweriella catalogues: Shattuck, 1994: 130; Bolton, 1995b: 248.

Genus **RAVAVY**

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

Taxonomic history

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

Ravavy as genus: all authors.

Ravavy references: Yoshimura & Fisher, 2011: 12 (Malagasy males).

Tribe DOLICHODERINI

Dolichoderidae Forel, 1878: 364. Type-genus: *Dolichoderus* Lund, 1831a: 130.

Taxonomic history

Dolichoderini as tribe of *Dolichoderinae*: Emery, 1913a: 7; Wheeler, W.M. 1915h: 77; Wheeler, W.M. 1922a: 688; all subsequent authors.

Genus of Dolichoderini: *Dolichoderus*.

Genus DOLICHODERUS

Dolichoderus Lund, 1831a: 130. Type-species: *Formica attelaboides* Fabricius, 1775: 394, by monotypy.

Taxonomic history

Dolichoderus in Formicidae: Smith, F. 1858b: 75.

Dolichoderus in Formicinae: Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 9 [Formicidae].

Dolichoderus in Dolichoderidae: Ashmead, 1905b: 384.

Dolichoderus in Dolichoderinae: Forel, 1878: 386 [Dolichoderidae]; Emery & Forel, 1879a: 455 [Dolichoderidae]; Dalla Torre, 1893: 156; Forel, 1895b: 107 [Dolichoderidae]; Emery, 1895j: 771; Forel, 1895e: 462; Forel, 1899c: 98; Wheeler, W.M. 1910g: 142.

Dolichoderus in Dolichoderinae, Dolichoderini: Emery, 1913a: 7; Wheeler, W.M. 1915h: 77; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; all subsequent authors.

Dolichoderus as genus: all authors.

Junior synonyms of DOLICHODERUS

Hypoclinea Mayr, 1855: 377 (attributed to Foerster). Type-species: *Formica quadripunctata* Linnaeus, 1771: 541, by subsequent designation of Wheeler, W.M. 1911f: 165.

Taxonomic history

Hypoclinea in Formicidae: Smith, F. 1858b: 57.

Hypoclinea in Formicinae: Mayr, 1855: 377 [Formicidae]; Mayr, 1861: 40 [Formicidae]; Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 9 [Formicidae]; Mayr, 1868c: 53 [Formicidae]; André, 1874: 168 [Formicidae].

Hypoclinea in Hypoclineidae: Emery, 1877a: 78.

Hypoclinea in Dolichoderidae: Ashmead, 1905b: 384.

Hypoclinea in Dolichoderinae, Dolichoderini: Emery, 1913a: 18; Forel, 1917: 247; all subsequent authors.

Hypoclinea as genus: Mayr, 1855: 377; Mayr, 1865: 9; Mayr, 1868c: 53; Mayr, 1870b: 953; Smith, 1871a: 310; Ashmead, 1905b: 384; Kempf, 1972a: 118; Lattke, 1987b: 259; Dlussky & Fedoseeva, 1988: 78; Mackay & Vinson, 1989b: 17; Hölldobler & Wilson, 1990: 17; Wu, J. & Wang, 1995: 120.

Hypoclinea as subgenus of *Dolichoderus*: Emery, 1894c: 234; Wheeler, W.M. 1910g: 142; Emery, 1913a: 10; Wheeler, W.M. 1915h: 77; Forel, 1917: 247; Borgmeier, 1923: 84; Clark, 1930b: 252; McAreavey, 1949: 17; Creighton, 1950a: 331; Chapman & Capco, 1951: 182; Kusnezov, 1956: 28; Kusnezov, 1959: 50; Smith, D.R. 1979: 1415; Kupyanskaya, 1990: 154.

Hypoclinea as junior synonym of *Dolichoderus*: Forel, 1878: 386; Emery & Forel, 1879a: 455; Dalla Torre, 1893: 156; Bingham, 1903: 291; Ruzsky, 1905b: 129; Brown, 1973b: 181 [provisional]; Shattuck, 1992c: 66; Mackay, 1993b: 6; Shattuck, 1994: 39; Bolton, 1994: 26; Bolton, 1995b: 31; Bolton, 2003: 85; all subsequent authors.

Monacis Roger, 1862a: 233. Type-species: *Formica bispinosa* Olivier, 1792: 502, by subsequent designation of Wheeler, W.M. 1911f: 167.

Taxonomic history

Monacis in Dolichoderidae: Ashmead, 1905b: 384.

Monacis in Dolichoderinae, Dolichoderini: Emery, 1913a: 9; Forel, 1917: 247; all subsequent authors.

Monacis as genus: Roger, 1862a: 233; Ashmead, 1905b: 384; Brown, 1950e: 249; Kempf, 1959b: 227; Kempf, 1972a: 141; Kempf, 1972c: 253; Dlussky & Fedoseeva, 1988: 78; Mackay & Vinson, 1989b: 20; Hölldobler & Wilson, 1990: 17.

Monacis as subgenus of *Dolichoderus*: Emery, 1894c: 228; Wheeler, W.M. 1910g: 142; Emery, 1913a: 9; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; Borgmeier, 1923: 81; Kusnezov, 1956: 27; Kusnezov, 1959: 50.

Monacis as junior synonym of *Hypoclinea*: Mayr, 1862: 704.

Monacis as junior synonym of *Dolichoderus*: Forel, 1878: 386; Emery & Forel, 1879a: 455; Dalla Torre, 1893: 156; Ruzsky, 1905b: 129; Brown, 1973b: 182 [provisional]; Shattuck, 1992c: 66; Mackay, 1993b: 6; Shattuck, 1994: 39; Bolton, 1994: 26; Bolton, 1995b: 35; Bolton, 2003: 85; all subsequent authors.

Monoceratoclinea Wheeler, W.M. 1935c: 68 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus monoceros* Emery, 1897d: 570, by original designation.

Taxonomic history

Monoceratoclinea as subgenus of *Dolichoderus*: Wheeler, W.M. 1935c: 68.

Monoceratoclinea as genus: Brown, 1950e: 249; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17.

Monoceratoclinea as junior synonym of *Dolichoderus*: Shattuck, 1992c: 66; Shattuck, 1994: 40; Bolton, 1994: 26; Bolton, 1995b: 35; Bolton, 2003: 85; all subsequent authors.

Diceratoclinea Wheeler, W.M. 1935c: 69 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus scabridus* Roger, 1862a: 244, by original designation.

Taxonomic history

Diceratoclinea as subgenus of *Dolichoderus*: Wheeler, W.M. 1935c: 69; Chapman & Capco, 1951: 181.

Diceratoclinea as genus: Brown, 1950e: 249.

Diceratoclinea as junior synonym of *Dolichoderus*: Brown, 1973b: 180 [provisional]; Taylor & Brown, D.R. 1985: 93; Shattuck, 1992c: 66; Shattuck, 1994: 40; Bolton, 1994: 26; Bolton, 1995b: 26; Bolton, 2003: 85; all subsequent authors.

Acanthoclinea Wheeler, W.M. 1935c: 69 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus doriae* Emery, 1887a: 252, by original designation.

Taxonomic history

Acanthoclinea in Dolichoderinae, Dolichoderini: Donisthorpe, 1943f: 618.

Acanthoclinea as subgenus of *Dolichoderus*: Wheeler, W.M. 1935c: 69.

Acanthoclinea as genus: Brown, 1950e: 249.

Acanthoclinea as junior synonym of *Dolichoderus*: Taylor & Brown, D.R. 1985: 93; Shattuck, 1992c: 66; Shattuck, 1994: 40; Bolton, 1994: 26; Bolton, 1995b: 18; Bolton, 2003: 85; all subsequent authors.

Karawajewella Donisthorpe, 1944b: 59.

Taxonomic history

[Replacement name for *Diabolus* Karavaiev, 1926d: 424; junior homonym of *Diabolus* Gray, J.E. 1841: 400 (Mammalia).]

Karawajewella as junior synonym of *Dolichoderus*: Brown, 1973b: 181 [provisional]; Shattuck, 1992c: 66; Shattuck, 1994: 39, 40; Bolton, 1994: 26; Bolton, 1995b: 32; Bolton, 2003: 85; all subsequent authors.

Junior homonym replaced by *Karawajewella*

Diabolus Karavaiev, 1926d: 424 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus (Diabolus) bifurcatus* Karavaiev, 1926d: 425 (junior synonym of *Polyrhachis cuspidatus* Smith, F. 1857a: 63), by original designation.

Taxonomic history

[*Diabolus* Karavaiev junior homonym of *Diabolus* Gray, J.E. 1841: 400 (Mammalia).]

Diabolus as subgenus of *Dolichoderus*: Wheeler, W.M. 1935c: 68.

***Dolichoderus* catalogues:** Roger, 1863b: 10, 14, 15 (*Dolichoderus, Hypoclinea, Monacis*); Mayr, 1863: 407, 423 (*Dolichoderus, Hypoclinea*); Emery & Forel, 1879: 455 (Europe); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 156; Emery, 1913a: 9, 10 (*D. (Monacis)*, *D. (Hypoclinea)*); Chapman & Capco, 1951: 181 (Asia); Smith, M.R. 1951a: 833 (North America); Kempf, 1972a: 98, 118, 141 (Neotropical *Dolichoderus, Hypoclinea, Monacis*); Smith, D.R. 1979: 1415 (North America); Taylor & Brown, D.R. 1985: 93 (Australia); Taylor, 1987a: 24 (Australia, New Caledonia); Brandão, 1991: 340, 347, 356 (Neotropical); Shattuck, 1994: 39; Bolton, 1995b: 172.

***Dolichoderus* references:** Mayr, 1865: 9 (*Dolichoderus, Hypoclinea* diagnoses); Mayr, 1867a: 75 (*Hypoclinea* diagnosis); Mayr, 1868c: 54 (*Baltic Amber species key); Mayr, 1870b: 955 (*Hypoclinea* species key); Mayr, 1876: 79 (Australia species key); André, 1882b: 225 (Europe & Algeria species); Mayr, 1886d: 435 (U.S.A. species key); Forel, 1895e: 462 (India & Sri Lanka species key); Bingham, 1903: 292 (India, Sri Lanka & Burma species key); Wheeler, W.M. 1905d: 306 (North America species key); Emery, 1913a: 7 (diagnosis, subgenera key); Mann, 1916: 460 (Brazil *D. (Dolichoderus)* species key); Wheeler, W.M. 1922a: 688 (subgenera key); Clark, 1930b: 253 (Australia *D. (Hypoclinea)* species key); Creighton, 1950a: 333 (*D. (Hypoclinea)* **Nearctic species key**); Kempf, 1959b: 230 (*Monacis all species revision, key*); Wheeler, J. 1963: 149 (U.S.A., North Dakota species key); Bernard, 1967: 249 (diagnosis); Kempf, 1969: 292 (*D. (Dolichoderus)* **Neotropical species key**); Kempf, 1972c: 253 (*Monacis* species, additions to 1959a key); Harada, 1987: 602 (*Monacis all species key*); Lattke, 1987b: 263 (Neotropical *D. bispinosus* group, key); Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Johnson, 1989a: 5 (U.S.A. species key); Hölldobler & Wilson, 1990: 17 (synoptic classification); Shattuck, 1992c: 66 (diagnosis, review of genus); Mackay, 1993b: 17 (**New World all species revision, key**); Radchenko, 1994b: 112 (South Siberia species key); Bolton, 1995a: 1049 (census); Wu, J. & Wang, 1995: 120 (China species key); Xu, 1995a: 34 (China species key); Shattuck, 1999: 68 (Australia synopsis); Xu, 2001b: 356 (China species key); Zhou, 2001b: 153 (China, Guangxi species key); Dill, 2002: 21, 30 (southeast Asia species groups key, *D. cuspidatus* group revision, key); Dlussky & Rasnitsyn, 2002: 416 (diagnosis for impression fossils); Dlussky, 2002b: 54 (Baltic & Rovno amber species); Dlussky, 2008b: 509 (Europe Eocene amber species key); Heterick, 2009: 45 (south-western Australia species key); Shattuck & Marsden, 2013: 105 (**Australia all species revision, key**).

Tribe LEPTOMYRMECINI

Leptomyrmicini Emery, 1913a: 15. Type-genus: *Leptomyrmex* Mayr, 1862: 652.

Taxonomic history

Leptomyrmicini as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 2003: 19, 81.

Leptomyrmecini as tribe of Dolichoderinae: Emery, 1913a: 15; Wheeler, W.M. 1915d: 262 [Leptomyrmicini]; Forel, 1917: 247; Wheeler, W.M. 1922a: 687; Wheeler, G.C. & Wheeler, J. 1985: 258 [Leptomyrmecini]; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17; Ward, Brady, *et al.* 2010: 361.

Junior synonyms of LEPTOMYRMECINI

Anonychomyrmini Donisthorpe, 1947c: 588. Type-genus: *Anonychomyrma* Donisthorpe, 1947c: 588.

Taxonomic history

Anonychomyrmini as tribe of Dolichoderinae: Donisthorpe, 1947c: 588.

Anonychomyrmini as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 1995b: 9; Bolton, 2003: 19, 81.

Anonychomyrmini as junior synonym of Leptomyrmecini: Ward, Brady, *et al.* 2010: 361 [by implication because type-genus included in Leptomyrmecini].

Iridomyrmecini Dubovikoff, 2005a: 91. Type-genus: *Iridomyrmex* Mayr, 1862: 653.

Taxonomic history

Iridomyrmecini as tribe of Dolichoderinae: Dubovikoff, 2005a: 91.

Iridomyrmecini as junior synonym of Leptomyrmecini: Ward, Brady, *et al.* 2010: 361 [by implication because type-genus included in Leptomyrmecini].

Iridomyrmecina Dubovikoff, 2005a: 92. Type-genus: *Iridomyrmex* Mayr, 1862: 653.

Taxonomic history

Iridomyrmecina as subtribe of Iridomyrmecini: Dubovikoff, 2005a: 92.

Iridomyrmecina as junior synonym of Leptomyrmecini: Ward, Brady, *et al.* 2010: 361 [by implication because type-genus included in Leptomyrmecini].

Genera of Leptomyrmecini: *Anillidris*, *Anonychomyrma*, *Azteca*, **Chronomyrmex*, *Doleromyrma*, *Dorymyrmex*, *Forelius*, *Froggattella*, *Gracilidris*, *Iridomyrmex*, *Leptomyrmex*, *Linepithema*, *Neothriomyrmex*, *Ochetellus*, *Papyrius*, *Philidris*, *Turneria*, **Yantaromyrmex*.

Genera of Leptomyrmecini

Genus *ANILLIDRIS*

Anillidris Santschi, 1936d: 414. Type-species: *Anillidris bruchi* Santschi, 1936d: 414, by original designation.

Taxonomic history

Anillidris in Dolichoderinae, Tapinomini: Donisthorpe, 1943f: 623.

Anillidris in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 33; Bolton, 1994: 26; Bolton, 2003: 83.

Anillidris in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 361.

Anillidris as junior synonym of *Linepithema*: Kusnezov, 1958d: 273; Kusnezov, 1959: 50; Kusnezov, 1964: 65; Kempf, 1972a: 135.

Anillidris as genus: Santschi, 1936d: 414; Brown, 1973b: 178; Shattuck, 1992c: 33; Bolton, 1994: 26; Bolton, 2003: 83; Schmidt, F.A. *et al.* 2013: 25; all subsequent authors.

***Anillidris* catalogues:** Shattuck, 1994: 3; Bolton, 1995b: 20.

***Anillidris* references:** Shattuck, 1992c: 33 (diagnosis, review of genus); Schmidt, F.A. *et al.* 2013: 25 (review of genus).

Genus *ANONYCHOMYRMA*

Anonychomyrma Donisthorpe, 1947c: 588. Type-species: *Anonychomyrma myrmex* Donisthorpe, 1947c: 589, by monotypy.

Taxonomic history

Anonychomyrma in Dolichoderinae, Anonychomyrmini: Donisthorpe, 1947c: 588.

Anonychomyrma in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 37; Bolton, 1994: 19; Bolton, 1995a: 1048; Bolton, 2003: 83.

Anonychomyrma in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 361.

Anonychomyrma as genus: all authors.

***Anonychomyrma* catalogues:** Shattuck, 1994: 3; Bolton, 1995b: 66.

***Anonychomyrma* references:** Shattuck, 1992a: 13 (diagnosis); Shattuck, 1992c: 37 (diagnosis, review of genus); Shattuck, 1999: 64 (Australia synopsis); Heterick, 2009: 43 (south-western Australia species key).

Genus **AZTECA**

Azteca Forel, 1878: 384. Type-species: *Liometopum xanthochroum* Roger, 1863a: 167, by monotypy.

Taxonomic history

[Type-species not *Tapinoma instabilis* Smith, F. 1862b: 31, unjustified subsequent designation (based on inaccurate synonymy) by Wheeler, W.M. 1911f: 159. Type-species not *Azteca muelleri* Emery, 1893b: 131, unjustified subsequent designation by Emery, 1913a: 31; repeated in Wheeler, W.M. 1913a: 78.]

Azteca in Dolichoderinae: Forel, 1878: 384 [Dolichoderidae]; Dalla Torre, 1893: 163; Forel, 1895b: 108; Emery, 1895j: 771; Forel, 1899c: 104; Wheeler, W.M. 1910g: 142.

Azteca in Dolichoderidae: Ashmead, 1905b: 384.

Azteca in Dolichoderinae, Tapinomini: Emery, 1913a: 29; Forel, 1917: 248; Wheeler, W.M. 1922a: 690; Donisthorpe, 1943f: 627; Kempf, 1972a: 29; Dlussky & Fedoseeva, 1988: 77; Jaffe, 1993: 9.

Azteca in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 49; Bolton, 1994: 26; Bolton, 2003: 83.

Azteca in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 361.

Azteca as genus: all authors.

[*Aztecum*: incorrect subsequent spelling by Bertkau, 1879: 13.]

Azteca catalogues: Dalla Torre, 1893: 163; Emery, 1913a: 29; Kempf, 1972a: 29; Brandão, 1991: 329; Shattuck, 1994: 10; Bolton, 1995b: 78.

Azteca references: Emery, 1893b: 127 (species key); Emery, 1913a: 29 (diagnosis); Longino, 1989: 1 (*A. alfari* group on *Cecropia*); Longino, 1991: 1571 (*Cecropia*-inhabiting species key); Shattuck, 1992c: 49 (diagnosis, review of genus); Bolton, 1995a: 1048 (census); Longino, 1996: 131 (Costa Rica stem-inhabiting species key); Longino, 2007: 10 (Costa Rica species keys); Guerrero, *et al.* 2010: 53 (*A. aurita* group key).

Genus ***CHRONOMYRMEX**

***Chronomyrmex** McKellar, Glaiser & Engel, 2013a: 586. Type-species: **Chronomyrmex medicinhatensis* McKellar, Glasier & Engel, 2013a: 588, by original designation.

Taxonomic history

**Chronomyrmex* in Dolichoderinae, Leptomyrmecini: McKellar, Glaiser & Engel, 2013a: 586.

**Chronomyrmex* as genus: all authors.

Genus **DOLEROMYRMA**

Doleromyrma Forel, 1907a: 28 [as subgenus of *Tapinoma*]. Type-species: *Tapinoma (Doleromyrma) darwinianum* Forel, 1907a: 28, by monotypy.

Taxonomic history

Doleromyrma in Dolichoderinae, Tapinomini: Emery, 1913a: 22; Donisthorpe, 1943f: 640; Hölldobler & Wilson, 1990: 17.

Doleromyrma in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 60; Bolton, 1994: 26; Bolton, 2003: 84.

Doleromyrma in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 361.

Doleromyrma as subgenus of *Tapinoma*: Forel, 1907a: 28; Wheeler, W.M. 1910g: 142.

Doleromyrma as subgenus of *Iridomyrmex*: Forel, 1912a: 81.

Doleromyrma as junior synonym of *Iridomyrmex*: Emery, 1913a: 22; Wheeler, W.M. 1922a: 689; subsequent authors to the following.

Doleromyrma as genus: Shattuck, 1992a: 14; Bolton, 1994: 26; Bolton, 2003: 84; all subsequent authors.

Doleromyrma catalogues: Shattuck, 1994: 38; Bolton, 1995b: 172.

Doleromyrma references: Shattuck, 1992a: 14 (diagnosis); Shattuck, 1992c: 60 (diagnosis, review of genus); Bolton, 1995a: 1049 (census); Shattuck, 1999: 67 (Australia synopsis); Heterick, 2009: 44 (south-western Australia species key).

Genus **DORYMYRMEX**

Dorymyrmex Mayr, 1866a: 494. Type-species: *Dorymyrmex flavescens* Mayr, 1866a: 495, by monotypy.

Taxonomic history

Dorymyrmex in Dolichoderinae: Forel, 1878: 383 [Dolichoderidae]; Dalla Torre, 1893: 167; Emery, 1895j: 771; Forel, 1899c: 103; Wheeler, W.M. 1910g: 142; all subsequent authors.

Dorymyrmex in Dolichoderidae: Ashmead, 1905b: 384.

Dorymyrmex in Dolichoderinae, Tapinomini: Emery, 1913a: 36; Forel, 1917: 248; Wheeler, W.M. 1922a: 689; Donisthorpe, 1943f: 640; subsequent authors and Jaffe, 1993: 9.

Dorymyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 77; Bolton, 1994: 26; Bolton, 2003: 86.

Dorymyrmex in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 361.

Dorymyrmex as genus: all authors.

Junior synonyms of *DORYMYRMEX*

Psammomyrma Forel, 1912h: 43 [as subgenus of *Dorymyrmex*]. Type-species: *Dorymyrmex planidens* Mayr, 1868b: 165, by subsequent designation of Wheeler, W.M. 1913a: 82.

Taxonomic history

Psammomyrma as subgenus of *Dorymyrmex*: Forel, 1912h: 43; Kempf, 1972a: 100.

Psammomyrma as junior synonym of *Dorymyrmex*: Forel, 1913b: 350 (in text); Santschi, 1922b: 365; Wheeler, W.M. 1922a: 689; Snelling, R.R. & Hunt, 1976: 93; Shattuck, 1992c: 77; Shattuck, 1994: 73; Bolton, 1994: 26; Bolton, 2003: 86; all subsequent authors.

Conomyrma Forel, 1913b: 350 (in text) [as subgenus of *Dorymyrmex*]. Type-species: *Prenolepis pyramica* Roger, 1863a: 160, by subsequent designation of Santschi, 1922b: 365.

Taxonomic history

Conomyrma in Dolichoderinae, Tapinomini: Forel, 1917: 248; Donisthorpe, 1943f: 634; Jaffe, 1993: 9.

Conomyrma as subgenus of *Dorymyrmex*: Forel, 1913b: 350; Forel, 1917: 248; Santschi, 1922b: 365; Wheeler, W.M. 1922a: 689; Gallardo, 1930: 147; Smith, M.R. 1951a: 837; Smith, M.R. 1958c: 140.

Conomyrma as genus: Kusnezov, 1952g: 429; Kusnezov, 1959: 51; Kusnezov, 1964: 66; Kempf, 1972a: 78; Snelling, R.R. 1973b: 1; Smith, D.R. 1979: 1419; Hölldobler & Wilson, 1990: 17; Jaffe, 1993: 9.

Conomyrma as junior synonym of *Dorymyrmex*: Brown, 1973b: 179 [provisional]; Shattuck, 1992c: 77; Shattuck, 1994: 73; Bolton, 1994: 26; Bolton, 2003: 86; all subsequent authors.

Araucomyrmex Gallardo, 1919b: 249. Type-species: *Dorymyrmex tener* Mayr, 1868b: 166, by original designation.

Taxonomic history

Araucomyrmex in Dolichoderinae, Tapinomini: Wheeler, W.M. 1922a: 689; Donisthorpe, 1943f: 625; Kempf, 1972a: 25; Dlussky & Fedoseeva, 1988: 77.

Araucomyrmex as genus: Gallardo, 1919b: 249; Wheeler, W.M. 1922a: 689; Kusnezov, 1956: 28; Kusnezov, 1959: 51; Kusnezov, 1964: 66; Kempf, 1972a: 25; Snelling, R.R. 1975: 9; Snelling, R.R. & Hunt, 1976: 93; Dlussky & Fedoseeva, 1988: 77.

Araucomyrmex as subgenus of *Dorymyrmex*: Santschi, 1922b: 365; Gallardo, 1930: 147; Kusnezov, 1952g: 428.

Araucomyrmex as junior synonym of *Conomyrma*: Snelling, R.R. 1981: 402.

Araucomyrmex as junior synonym of *Dorymyrmex*: Brown, 1973b: 178 [provisional]; Shattuck, 1992c: 77; Shattuck, 1994: 73; Bolton, 1994: 26; Bolton, 2003: 86; all subsequent authors.

Ammomyrma Santschi, 1922b: 365 [as subgenus of *Dorymyrmex*]. Type-species: *Dorymyrmex exsanguis* Forel, 1912h: 38, by original designation.

Taxonomic history

Ammomyrma as subgenus of *Dorymyrmex*: Santschi, 1922b: 365; Gallardo, 1930: 147; Kempf, 1972a: 100.

Ammomyrma as junior synonym of *Araucomyrmex*: Snelling, R.R. & Hunt, 1976: 93.

Ammomyrma as junior synonym of *Dorymyrmex*: Shattuck, 1992c: 77; Shattuck, 1994: 73; Bolton, 1994: 26; Bolton, 2003: 87; all subsequent authors.

Biconomyrma Kusnezov, 1952g: 429 [as subgenus of *Conomyrma*]. Type-species: *Dorymyrmex pyramicus brunneus* Forel, 1908c: 385 (now *Dorymyrmex brunneus* Forel, 1908c: 385), by subsequent designation of Kusnezov, 1959: 51.

Taxonomic history

Biconomyrma as subgenus of *Conomyrma*: Kusnezov, 1952g: 429.

Biconomyrma as genus: Kusnezov, 1959: 51; Kusnezov, 1964: 67.

Biconomyrma as junior synonym of *Conomyrma*: Smith, M.R. 1958c: 140; Kempf, 1972a: 78.

Biconomyrma as junior synonym of *Dorymyrmex*: Shattuck, 1992c: 78; Shattuck, 1994: 73; Bolton, 1994: 26; Bolton, 2003: 87; all subsequent authors.

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; Shattuck, 1992c: 78; Shattuck, 1994: 74; Bolton, 1994: 26; Bolton, 2003: 87; all subsequent authors.

Dorymyrmex catalogues: Cresson, 1887: 257 (U.S.A.); Dalla Torre, 1893: 167; Emery, 1913a: 36; Smith, M.R. 1951a: 836 (North America); Kempf, 1972a: 25, 78, 99 (Neotropical *Araucomyrmex*, *Conomyrma*, *Dorymyrmex*); Smith, D.R. 1979: 1419 (North America); Brandão, 1991: 327, 338, 340 (Neotropical *Araucomyrmex*, *Conomyrma*, *Dorymyrmex*); Shattuck, 1994: 73; Bolton, 1995b: 181.

Dorymyrmex references: Mayr, G. 1868a: 165 (diagnosis); Forel, 1878: 383 (diagnosis); André, 1903: 364 (species key); Emery, 1913a: 36 (diagnosis); Gallardo, 1916a: 21 (Argentina species key); Santschi, 1922b: 364 (history of genus); Wheeler, W.M. 1922a: 689 (subgenera key); Cole, 1942: 371 (U.S.A.,

Utah species key); Creighton, 1950a: 348 (**Nearctic species key**); Kusnezov, 1952g: 428 (subgenera key); Snelling, R.R. 1973b: 1 (U.S.A. *Conomyrma* species, revision); Snelling, R.R. & Hunt, 1976: 96 (Chile *Araucomyrmex* species key); Allred, 1982: 444 (U.S.A., Utah *Conomyrma* species key); Wheeler, G.C. & Wheeler, J. 1986g: 57 (U.S.A., Nevada *Conomyrma* species key); Trager, 1988: 14 (Southeastern U.S.A. *Conomyrma* species revision, key); Johnson, 1989b: 191 (U.S.A. *Conomyrma* species revision, key); Shattuck, 1992c: 77 (diagnosis, review of genus); Snelling, R.R. 1995: 9 (U.S.A. species revision, key); Bolton, 1995a: 1049 (census); Mackay & Mackay, 2002: 222 (U.S.A., New Mexico species key); Cuezzo & Guerrero, 2011: 4 (Colombia species key).

Genus **FORELIUS**

Forelius Emery, 1888d: 389. Type-species: *Iridomyrmex mccooki* McCook, 1880: 187, by monotypy.

Taxonomic history

Forelius in Dolichoderinae: Dalla Torre, 1893: 168; Emery, 1895j: 771; Forel, 1899c: 102; Wheeler, W.M. 1910g: 142.

Forelius in Dolichoderidae: Ashmead, 1905b: 384.

Forelius in Dolichoderinae, Tapinomini: Emery, 1913a: 35; Forel, 1917: 248; Wheeler, W.M. 1922a: 690; Donisthorpe, 1943f: 645; all subsequent authors and Jaffe, 1993: 9.

Forelius in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 87; Bolton, 1994: 26; Bolton, 2003: 88.

Forelius in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 361.

Forelius as genus: all authors.

Junior synonym of **FORELIUS**

Neoforelius Kusnezov, 1953b: 327. Type-species: *Neoforelius tucumanus* Kusnezov, 1953b: 330 (junior synonym of *Forelius pusillus* Santschi, 1922b: 374), by monotypy.

Taxonomic history

Neoforelius in Dolichoderinae, Tapinomini: Kusnezov, 1953b: 327.

Neoforelius as genus: Kusnezov, 1953b: 327; Kusnezov, 1959: 51; Kusnezov, 1964: 66; Kempf, 1972a: 160; Jaffe, 1993: 9.

Neoforelius as junior synonym of *Forelius*: Shattuck, 1992c: 87; Shattuck, 1994: 91; Bolton, 1994: 26; Cuezzo, 2000: 204; Bolton, 2003: 88; all subsequent authors.

Forelius catalogues: Dalla Torre, 1893: 168; Emery, 1913a: 35; Smith, M.R. 1951a: 836 (North America); Kempf, 1972a: 108, 160 (Neotropical *Forelius*, *Neoforelius*); Smith, D.R. 1979: 1419 (North America); Brandão, 1991: 344; Shattuck, 1994: 91; Bolton, 1995b: 190.

Forelius references: Emery, 1913a: 35 (diagnosis); Gallardo, 1916a: 74 (Argentina species key); Creighton, 1950a: 343 (Nearctic species, review); Kusnezov, 1957b: 16 (Neotropical species key); Wheeler, G.C. & Wheeler, J. 1986g: 56 (U.S.A., Nevada species key); Shattuck, 1992c: 87 (diagnosis, review of genus); Bolton, 1995a: 1049 (census); Cuezzo, 2000: 197 (diagnosis, **all species revision, key**); Mackay & Mackay, 2002: 227 (U.S.A., New Mexico species key); Guerrero & Fernández, 2008: 58 (addition to key).

Genus **FROGGATTELLA**

Froggattella Forel, 1902h: 459. Type-species: *Acantholepis kirbii* Lowne, 1865b: 333, by original designation.

Taxonomic history

Froggattella in Dolichoderinae, Tapinomini: Emery, 1913a: 20; Forel, 1917: 248; Wheeler, W.M. 1922a: 689; Wheeler, W.M. 1936a: 1; all subsequent authors to the following.

Froggattella in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 95; Bolton, 1994: 26; Bolton, 2003: 88.

Froggattella in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Froggattella in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 362.

Froggattella as genus: all authors.

Froggattella catalogues: Emery, 1913a: 20; Taylor & Brown, D.R. 1985: 95; Taylor, 1987a: 28; Shattuck, 1994: 97; Bolton, 1995b: 207.

Froggattella references: Emery, 1913a: 20 (diagnosis); Wheeler, W.M. 1936a: 5 (diagnosis, all species key); Shattuck, 1992c: 95 (diagnosis, review of genus); Bolton, 1995a: 1049 (census); Shattuck, 1996b: 43 (diagnosis, **all species revision, key**); Shattuck, 1999: 71 (Australia synopsis); Heterick, 2009: 48 (south-western Australia species key).

Genus **GRACILIDRIS**

Gracilidris Wild & Cuezzo, 2006: 59. Type-species: *Gracilidris pombero* Wild & Cuezzo, 2006: 62, by original designation.

Taxonomic history

Gracilidris in Dolichoderinae: Wild & Cuezzo, 2006: 57.

Gracilidris in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 362.

Gracilidris as genus: all authors.

Genus **IRIDOMYRMEX**

Iridomyrmex Mayr, 1862: 653 (diagnosis in key), 702. Type-species: *Formica detecta* Smith, F. 1858b: 36 (junior synonym of *Formica purpurea* Smith, F. 1858b: 40), by subsequent designation of Bingham, 1903: 297.

Taxonomic history

Iridomyrmex in Formicinae: Mayr, 1862: 653 (in key) [Formicidae]; Mayr, 1865: 10 [Formicidae].

Iridomyrmex in Dolichoderinae: Forel, 1878: 381 [Dolichoderidae]; Dalla Torre, 1893: 168; Emery, 1895j: 771; Forel, 1899c: 102; Wheeler, W.M. 1910g: 142.

Iridomyrmex in Dolichoderidae: Ashmead, 1905b: 384.

Iridomyrmex in Dolichoderinae, Tapinomini: Emery, 1913a: 21; Wheeler, W.M. 1915h: 86; Arnold, 1915: 145; Forel, 1917: 248; Wheeler, W.M. 1922a: 689; Carpenter, 1930: 50; all subsequent authors; Jaffe, 1993: 9 (anachronism).

Iridomyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 101; Bolton, 1994: 26; Bolton, 2003: 88.

Iridomyrmex in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Iridomyrmex in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 362.

Iridomyrmex as genus: all authors.

***Iridomyrmex* catalogues:** Roger, 1863b: 13; Mayr, 1863: 424; Cresson, 1887: 257 (U.S.A.); Dalla Torre, 1893: 168; Emery, 1913a: 21; Chapman & Capco, 1951: 188 (Asia); Smith, M.R. 1951a: 835 (North America); Kempf, 1972a: 124 (Neotropical); Smith, D.R. 1979: 1417 (North America); Taylor & Brown, D.R. 1985: 96 (Australia); Taylor, 1987a: 30 (Australia, New Caledonia & New Zealand); Shattuck, 1994: 99; Bolton, 1995b: 217.

***Iridomyrmex* references:** Mayr, 1865: 10 (diagnosis); Mayr, 1867a: 76 (diagnosis); Forel, 1878: 381 (diagnosis); Forel, 1895e: 467 (India & Sri Lanka species key); Bingham, 1903: 298 (India, Sri Lanka & Burma species key); Emery, 1913a: 21 (diagnosis); Arnold, 1915: 145 (diagnosis); Creighton, 1950a: 341 (**Nearctic species key**); Bernard, 1967: 250 (diagnosis); Shattuck, 1992a: 14 (diagnosis); Shattuck, 1992c: 101 (diagnosis, review of genus); Shattuck, 1993a: 118 (*I. purpureus* group, key); Shattuck, 1993b: 1306 (*I. calvus* group, key); Bolton, 1995a: 1050 (census); Shattuck, 1996a: 37 (*I. discors* group); Shattuck, 1998: 303 (*I. conifer* group, key); Shattuck, 1999: 72 (Australia synopsis); Andersen, 2007: 24 (Australia species groups); Heterick, 2009: 48 (south-western Australia species key); Heterick & Shattuck, 2011: 22 (diagnosis, **all species revision, key**).

Genus **LEPTOMYRMEX**

Leptomyrmex Mayr, 1862: 652 (diagnosis in key), 695. Type-species: *Formica erythrocephala* Fabricius, 1775: 391, by monotypy.

Taxonomic history

Leptomyrmex in Formicinae: Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 7 [Formicidae].

Leptomyrmex in Dolichoderinae: Forel, 1878: 386 [Dolichoderidae]; Dalla Torre, 1893: 162; Emery, 1895j: 771; Wheeler, W.M. 1910g: 142.

Leptomyrmex in Dolichoderidae: Ashmead, 1905b: 384.

Leptomyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 106; Bolton, 1994: 26; Bolton, 2003: 89.

Leptomyrmex in Dolichoderinae, Leptomyrmecini: Emery, 1913a: 15 [Leptomyrmicini]; Wheeler, W.M. 1915d: 262 [Leptomyrmicini]; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; all subsequent authors except the above; then Ward, Brady, *et al.* 2010: 362.

Leptomyrmex as genus: all authors.

***Leptomyrmex* catalogues:** Roger, 1863b: 10; Mayr, 1863: 426; Dalla Torre, 1893: 162; Emery, 1913a: 15; Chapman & Capco, 1951: 186 (Asia); Taylor & Brown, D.R. 1985: 103 (Australia); Taylor, 1987a: 35 (Australia, New Caledonia); Brandão, 1991: 349; Shattuck, 1994: 115; Bolton, 1995b: 234.

***Leptomyrmex* references:** Mayr, 1865: 7 (diagnosis); Emery, 1913a: 15 (diagnosis); Wheeler, W.M. 1915d: 264 (Australia species key); Wheeler, W.M. 1934c: 80 (all species key); Shattuck, 1992c: 106 (diagnosis, review of genus); Bolton, 1995a: 1050 (census); Shattuck, 1999: 74 (Australia synopsis); Smith, D.J. & Shattuck, 2009: 58 (micro-*Leptomyrmex* all species key); Lucky & Ward, 2010: 1 (diagnosis, macro-*Leptomyrmex* all species revision, key).

Genus **LINEPITHEMA**

LinepitHEMA Mayr, 1866a: 496. Type-species: *LinepitHEMA fuscum* Mayr, 1866a: 497, by monotypy.

Taxonomic history

LinepitHEMA in Dolichoderinae: Forel, 1878: 385 [Dolichoderidae]; Dalla Torre, 1893: 170; Emery, 1895j: 771; Wheeler, W.M. 1910g: 142.

LinepitHEMA in Dolichoderidae: Ashmead, 1905b: 384.

LinepitHEMA in Dolichoderinae, Dolichoderini: Emery, 1913a: 14; Forel, 1917: 247; all subsequent authors to the following.

LinepitHEMA in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 362.

LinepitHEMA as genus: all authors.

***LinepitHEMA* catalogues:** Dalla Torre, 1893: 170; Emery, 1913a: 15; Kempf, 1972a: 135; Brandão, 1991: 354; Shattuck, 1994: 122; Bolton, 1995b: 246.

***LinepitHEMA* references:** Emery, 1913a: 15 (diagnosis); Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Shattuck, 1992a: 16 (diagnosis); Shattuck, 1992c: 114 (diagnosis, review of genus);

Bolton, 1994: 26 (synoptic classification); Bolton, 1995a: 1050 (census); Shattuck, 1999: 76 (Australia synopsis); Wild, 2007a: 19 (diagnosis, **all species revision, key**).

Genus **NEBOTHRIOMYRMEX**

Nebothriomyrmex Dubovikoff, 2004a: 522. Type-species: *Nebothriomyrmex majeri* Dubovikoff, 2004a: 523, by original designation.

Taxonomic history

Nebothriomyrmex in Dolichoderinae: Dubovikoff, 2004a: 522.

Nebothriomyrmex in Dolichoderinae, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 93.

Nebothriomyrmex in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 362.

Nebothriomyrmex as genus: all authors.

Genus **OCHETELLUS**

Ochetellus Shattuck, 1992a: 16. Type-species: *Hypoclinea glabra* Mayr, 1862: 705, by original designation.

Taxonomic history

Ochetellus in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 129; Bolton, 1994: 26; Bolton, 1995a: 105; Bolton, 2003: 90.

Ochetellus in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Ochetellus in Dolichoderinae, Leptomyrmecini: Ward, Brady, *et al.* 2010: 362.

Ochetellus as genus: all authors.

***Ochetellus* catalogues:** Shattuck, 1994: 131.; Bolton, 1995b: 293.

***Ochetellus* references:** Shattuck, 1992c: 129 (diagnosis, review of genus); Shattuck, 1999: 77 (Australia synopsis); Heterick, 2009: 58 (south-western Australia species key); Yoshimura & Fisher, 2011: 10 (Malagasy males).

Genus **PAPYRIUS**

Papyrius Shattuck, 1992a: 17. Type-species: *Iridomyrmex nitida* Mayr, 1862: 702, by original designation.

Taxonomic history

Papyrius in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 134; Bolton, 1994: 26; Bolton, 1995a: 1051; Bolton, 2003: 90.

Papyrius in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Papyrius in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 362.

Papyrius as genus: all authors.

Papyrius catalogues: Shattuck, 1994: 134; Bolton, 1995b: 311.

Papyrius references: Shattuck, 1992c: 134 (diagnosis, review of genus); Shattuck, 1999: 79 (Australia synopsis); Heterick, 2009: 58 (south-western Australia species key).

Genus **PHILIDRIS**

Philidris Shattuck, 1992a: 17. Type-species: *Formica cordata* Smith, F. 1859a: 137, by original designation.

Taxonomic history

Philidris in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 140; Bolton, 1994: 26; Bolton, 2003: 90.

Philidris in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Philidris in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 362.

Philidris as genus: all authors.

Philidris catalogues: Shattuck, 1994: 135; Bolton, 1995b: 334.

Philidris references: Shattuck, 1992c: 140 (diagnosis, review of genus); Bolton, 1995a: 1051 (census); Shattuck, 1999: 80 (Australia synopsis).

Genus **TURNERIA**

Turneria Forel, 1895f: 419. Type-species: *Turneria bidentata* Forel, 1895f: 419, by monotypy.

Taxonomic history

Turneria in Dolichoderidae: Ashmead, 1905b: 384.

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

Turneria in Dolichoderinae, Tapinomini: Emery, 1913a: 21; Forel, 1917: 248; Wheeler, W.M. 1922a: 689; all subsequent authors.

Turneria in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 161; Bolton, 1994: 26; Bolton, 2003: 92.

Turneria in Dolichoderinae, Iridomyrmecini, Iridomyrmecina: Dubovikoff, 2005a: 92.

Turneria in Dolichoderinae, Leptomyrmecini: Ward, Brady, et al. 2010: 362.

Turneria as genus: all authors.

Turneria catalogues: Emery, 1913a: 21; Chapman & Capco, 1951: 196 (Asia); Taylor & Brown, D.R. 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); Bolton, 1995a: 1053 (census); Shattuck, 1999: 84 (Australia synopsis).

Genus ***YANTAROMYRMEX**

***Yantaromyrmex** Dlussky & Dubovikoff, 2013: 307. Type-species: **Hypoclinea geinitzi* Mayr, 1868c: 58, by original designation.

Taxonomic history

**Yantaromyrmex* in Dolichoderinae, Leptomyrmecini [Iridomyrmecini *sensu* Dubovikoff, 2005a: 91]: Dlussky & Dubovikoff, 2013: 306 (in text).

**Yantaromyrmex* as genus: all authors.

***Yantaromyrmex references:** Dlussky & Dubovikoff, 2013: 314 (**all species key**).

Tribe **TAPINOMINI**

Tapinomini Emery, 1913a: 17. Type-genus: *Tapinoma* Foerster, 1850a: 43.

Taxonomic history

Tapinomini as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 1995b: 16; Bolton, 2003: 19.

Tapinomini as tribe of Dolichoderinae: Emery, 1913a: 17; Wheeler, W.M. 1915h: 86; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; subsequent authors to Dlussky & Fedoseeva, 1988: 77; Hölldobler & Wilson, 1990: 17; Jaffe, 1993: 9; Dubovikoff, 2005a: 91; Ward, Brady, et al. 2010: 361.

Junior synonyms of **TAPINOMINI**

Axinidrini Weber, 1941a: 193. Type-genus: *Axinidris* Weber, 1941a: 192.

Taxonomic history

Axinidrini as tribe of Dolichoderinae: Weber, 1941a: 193; Dlussky & Fedoseeva, 1988: 78.

Axinidrini as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 1995b: 9; Bolton, 2003: 19, 81.

Axinidrini as junior synonym of Tapinomini: Ward, Brady, et al. 2010: 361 [by implication, because type-genus included in Tapinomini].

Liometopini Dlussky & Fedoseeva, 1988: 77. Type-genus: *Liometopum* Mayr, 1861: 38.

Taxonomic history

Liometopini as tribe of Dolichoderinae: Dlussky & Fedoseeva, 1988: 77.

Liometopini as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 1995b: 12; Bolton, 2003: 19, 81.

Liometopini as junior synonym of Tapinomini: Ward, Brady, et al. 2010: 361 [by implication, because type-genus included in Tapinomini].

Genera of Tapinomini: *Aptinoma*, *Axinidris*, **Ctenobethylus*, *Ecphorella*, *Liometopum*, *Tapinoma*, *Technomyrmex*.

Genera of Tapinomini

Genus **APTINOMA**

Aptinoma Fisher, 2009: 38. Type-species: *Aptinoma mangabe* Fisher, 2009: 40, by original designation.

Taxonomic history

Aptinoma in Dolichoderinae, Tapinomini: Fisher, 2009: 37; Ward, Brady, et al. 2010: 361.

Aptinoma as genus: all authors.

***Aptinoma* references:** Fisher, 2009: 39 (all species key); Yoshimura & Fisher, 2011: 9 (Malagasy males).

Genus **AXINIDRIS**

Axinidris Weber, 1941a: 192. Type-species: *Axinidris acholli* Weber, 1941a: 193, by original designation.

Taxonomic history

Axinidris in Dolichoderinae, Axinidrini: Weber, 1941a: 193; Donisthorpe, 1943f: 627; Dlussky & Fedoseeva, 1988: 78.

Axinidris in Dolichoderinae, Tapinomini: Hölldobler & Wilson, 1990: 17.

Axinidris in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 42; Bolton, 1994: 26; Bolton, 1995a: 1048; Bolton, 2003: 83.

Axinidris in Dolichoderinae, Tapinomini: Ward, Brady, *et al.* 2010: 361.

Axinidris as genus: all authors.

Axinidris catalogues: Shattuck, 1994: 9; Bolton, 1995b: 77.

Axinidris references: Shattuck, 1991: 105 (diagnosis, **all species revision, key**); Shattuck, 1992c: 42 (diagnosis, review of genus); Snelling, R.R. 2007: 554 (**all species, key**).

Genus ***CTENOBETHYLUIS**

**Ctenobethylus* Brues, 1939: 261 [as member of family Bethylidae]. Type-species: **Ctenobethylus succinalis* Brues, 1939: 262 (junior synonym of *Hypoclinea goepperti* Mayr, 1868c: 56), by original designation.

Taxonomic history

**Ctenobethylus* in Bethylidae: Brues, 1939: 261.

**Ctenobethylus* in Formicidae: Brown, 1977: 213; Hölldobler & Wilson, 1990: 17.

**Ctenobethylus* in Dolichoderinae, Iridomyrmecini, Bothriomyrmecina: Dubovikoff, 2005a: 93.

**Ctenobethylus* in Dolichoderinae, Tapinomini: Ward, Brady, *et al.* 2010: 361.

**Ctenobethylus* as junior synonym of *Iridomyrmex*: Brown, 1977: 213; Hölldobler & Wilson, 1990: 17.

**Ctenobethylus* as junior synonym of *Liometopum*: Shattuck, 1992c: 121; Shattuck, 1994: 128; Bolton, 1994: 26; Bolton, 1995b: 25.

**Ctenobethylus* as genus: Brues, 1939: 261; Dlussky, 1997: 623; Bolton, 2003: 84; Dubovikoff, 2005a: 93; Ward, Brady, *et al.* 2010: 361; all subsequent authors.

Genus **ECPHORELLA**

Ecpophorella Forel, 1909b: 65 [as subgenus of *Tapinoma*]. Type-species: *Tapinoma (Ecpophorella) wellmani* Forel, 1909b: 66, by monotypy.

Taxonomic history

Ecpophorella in Dolichoderinae, Tapinomini: Emery, 1913a: 42; Forel, 1917: 248; all subsequent authors except those below; then Ward, Brady, *et al.* 2010: 361.

Ecpophorella in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 85; Bolton, 1994: 26; Bolton, 2003: 87.

Ecpophorella as subgenus of *Tapinoma*: Forel, 1917: 248; Wheeler, W.M. 1910g: 142; Emery, 1913a: 42; Wheeler, W.M. 1922a: 690.

Ecphorella as genus: Brown, 1973b: 169 [provisional]; Shattuck, 1992c: 85; Bolton, 1994: 26; Bolton, 2003: 87; all subsequent authors.

Ecphorella catalogues: Wheeler, W.M. 1922a: 925; Shattuck, 1994: 90; Bolton, 1995b: 186.

Ecphorella references: Shattuck, 1992c: 85 (diagnosis, review of genus).

Genus *LIOMETOPUM*

Liometopum Mayr, 1861: 38. Type-species: *Formica microcephala* Panzer, 1798: no. 1652, by monotypy.

Taxonomic history

Liometopum in Formicinae: Mayr, 1861: 38 [Formicidae]; Mayr, 1862: 653 (in key) [Formicidae]; Mayr, 1865: 9 [Formicidae]; André, 1874: 168 [Formicidae].

Liometopum in Dolichoderinae: Forel, 1878: 383 [Dolichoderidae]; Emery & Forel, 1879a: 454 [Dolichoderidae]; Dalla Torre, 1893: 163; Emery, 1895j: 771; Forel, 1899c: 104; Wheeler, W.M. 1910g: 142.

Liometopum in Dolichoderidae: Ashmead, 1905b: 384.

Liometopum in Dolichoderinae, Tapinomini: Emery, 1913a: 19; Wheeler, W.M. 1915h: 95; Forel, 1917: 248; Bondroit, 1918: 87; Wheeler, W.M. 1922a: 688; Carpenter, 1930: 46; subsequent authors except those below; then Jaffe, 1993: 9; Ward, Brady, *et al.* 2010: 361.

Liometopum in Dolichoderinae, Liometopini: Dlussky & Fedoseeva, 1988: 77.

Liometopum in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 121; Bolton, 1994: 26; Bolton, 2003: 89.

Liometopum as genus: all authors.

Junior synonym of *LIOMETOPUM*

**Poneropsis* Heer, 1867: 19. Type-species: **Ponera fuliginosa* Heer, 1849: 145 (junior synonym of **Formica imhoffii* Heer, 1849: 138), by subsequent designation of Wheeler, W.M. 1911f: 171.

Taxonomic history

**Poneropsis incertae sedis* in Ponerinae: Dalla Torre, 1893: 52.

**Poneropsis* in Ponerinae: Handlirsch, 1907: 880.

**Poneropsis* in Ponerinae, Ponerini: Donisthorpe, 1943f: 685; all subsequent authors.

**Poneropsis* as genus: all authors to the following.

**Poneropsis* as junior synonym of *Liometopum*: Dlussky & Putyatina, 2014: 245.

***Liometopum* catalogues:** Roger, 1863b: 14; Mayr, 1863: 427; Emery & Forel, 1879: 454 (Europe); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 52, 162 (**Poneropsis*, *Liometopum*); Emery, 1913a: 19; Chapman & Capco, 1951: 192 (Asia); Smith, M.R. 1951a: 835 (North America); Smith, D.R. 1979: 1417 (North America); Shattuck, 1994: 128; Bolton, 1995b: 247, 363 (*Liometopum*, **Poneropsis*).

***Liometopum* references:** Mayr, 1865: 9 (diagnosis); Forel, 1878: 383 (diagnosis); André, 1882b: 220 (Europe & Algeria species); Bingham, 1903: 289 (diagnosis); Wheeler, W.M. 1905e: 322 (North America species); Emery, 1913a: 19 (diagnosis); Creighton, 1950a: 338 (**Nearctic species key**); Gregg, 1963: 438 (U.S.A., Colorado species key); Taylor, 1964: 135 (review of **Poneropsis*); Bernard, 1967: 253 (diagnosis); Wheeler, G.C. & Wheeler, J. 1986g: 55 (U.S.A., Nevada species key); Shattuck, 1992c: 121 (diagnosis, review of genus); Bolton, 1995a: 1050 (census); Mackay & Mackay, 2002: 232 (U.S.A., New Mexico species key); Del Toro, Pacheco & Mackay, 2009: 306 (**all species revision, key**); Dlussky & Putyatina, 2014: 245 (diagnosis, compression fossils).

Genus **TAPINOMA**

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]; André, 1874: 168 [Formicidae]; André, 1881b: 63 [Formicidae].

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

Tapinoma in Dolichoderidae: Ashmead, 1905b: 384.

Tapinoma in Dolichoderinae, Tapinomini: Emery, 1913a: 38; Arnold, 1915: 152; Forel, 1917: 248; Bondroit, 1918: 89; Wheeler, W.M. 1922a: 690; subsequent authors except those below; then Jaffe, 1993: 9; Dubovikoff, 2005a: 91 (implied); Ward, Brady, et al. 2010: 361.

Tapinoma in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 146; Bolton, 1994: 26; Bolton, 2003: 91.

Tapinoma as genus: all authors.

Junior synonyms of **TAPINOMA**

Micromyrma Dufour, 1857: 60. Type-species: *Micromyrma pygmaea* Dufour, 1857: 61, by monotypy.

Taxonomic history

[Type-species not *Formica erratica* Latreille, 1798: 44, unjustified subsequent designation by Wheeler, W.M. 1911f: 167.]

Micromyrma as subgenus of *Tapinoma*: Menozzi, 1925a: 19; Santschi, 1928e: 472; Chapman & Capco, 1951: 192.

Micromyrma as junior synonym of *Tapinoma*: Mayr, 1863: 455; Forel, 1878: 385; Emery & Forel, 1879a: 454; Dalla Torre, 1893: 164; Ruzsky, 1905b: 131; Emery, 1913a: 38; Wheeler, W.M. 1922a: 923; Smith, M.R. 1951a: 837; Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 2003: 91; Fisher & Bolton, 2007: 65.

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; Arnold, 1915: 157; Forel, 1917: 247; Wheeler, W.M. 1922a: 688; all subsequent authors.

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

Pseudaphomomyrmex Wheeler, W.M. 1920: 53. Type-species: *Aphomyrmex* [sic] *emeryi* Ashmead, 1905a: 111, by original designation.

Taxonomic history

Pseudaphomomyrmex in Formicinae, Dimorphomyrmecini: Donisthorpe, 1943g: 721.

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

Pseudaphomomyrmex in Formicinae, Myrmelachistini: Hölldobler & Wilson, 1990: 18.

Pseudaphomomyrmex in Formicinae, Brachymyrmecini: Bolton, 1994: 50.

Pseudaphomomyrmex in Formicinae, Plagiolepidini: Wheeler, W.M. 1922a: 695; Chapman & Capco, 1951: 214; Wheeler, G.C. & Wheeler, J. 1985: 258; Bolton, 2003: 106.

Pseudaphomomyrmex in Dolichoderinae: LaPolla & Longino, 2006: 305.

Pseudaphomomyrmex as junior synonym of *Aphomyrmex*: Emery, 1925b: 44; Donisthorpe, 1943g: 721.

Pseudaphomomyrmex as genus: Wheeler, W.M. 1920: 53; Chapman & Capco, 1951: 214; Bolton, 1994: 50; Bolton, 1995b: 369; Bolton, 2003: 106.

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

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; all subsequent authors.

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

Neoclystospenella Kurian, 1955: 133. Type-species: *Neoclystospenella luffae* Kurian, 1955: 133, by monotypy.

Taxonomic history

Neoclystospenella in Bethylidae: Kurian, 1955: 133.

Neoclystospenella in Dolichoderinae: Brown, 1988a: 337.

Neoclystospenella as junior synonym of *Tapinoma*: Brown, 1988a: 337; Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 2003: 91; Fisher & Bolton, 2007: 66.

Tapinoma catalogues: Roger, 1863b: 13, 14 (*Tapinoma, Micromyrma*); Mayr, 1863: 455; Emery & Forel, 1879: 454 (Europe); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 164; Emery, 1913a: 38 (*Tapinoma*); Emery, 1913a: 44 (*Semonius*); Wheeler, W.M. 1922a: 923, 927 (Afrotropical *Tapinoma*, *Semonius*); Wheeler, W.M. 1922a: 1034 (Madagascar); 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, D.R. 1985: 106 (Australia); Taylor, 1987a: 77 (Australia, New Caledonia & New Zealand); Brandão, 1991: 380 (Neotropical); Shattuck, 1994: 140; Bolton, 1995b: 399.

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); 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); 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, Soyunov & Zabelin, 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, Radchenko & Czechowska, 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 (Madagascar males); Seifert, 2012: 146 (Central Europe species key); Sharaf, Aldawood & El Hawagry, 2012: 40 (Saudi Arabia species key); Czechowski, Radchenko, *et al.* 2012: 357 (Poland species key); Sarnat & Economo, 2012: 37 (Fiji Is species key).

Genus **TECHNOMYRMEX**

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

Taxonomic history

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

Technomyrmex in Dolichoderinae, Tapinomini: Emery, 1913a: 42; Arnold, 1915: 147; Forel, 1917: 248; Wheeler, W.M. 1922a: 690; subsequent authors except those below; then Jaffe, 1993: 9; Ward, Brady, *et al.* 2010: 361.

Technomyrmex in Dolichoderinae, Dolichoderini: Shattuck, 1992c: 153; Bolton, 1994: 26; Bolton, 2003: 92.

Technomyrmex as genus: all authors.

Junior synonyms of **TECHNOMYRMEX**

Engramma Forel, 1905b: 180. Type-species: *Engramma lujae* Forel, 1905b: 181, by monotypy.

Taxonomic history

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

Engramma in Dolichoderinae, Tapinomini: Emery, 1913a: 38; Forel, 1917: 248; Wheeler, W.M. 1922a: 690; all subsequent authors.

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

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

Taxonomic history

Tapinoptera as junior synonym of *Tapinoma*: Shattuck, 1992c: 146; Shattuck, 1994: 140; Bolton, 1994: 26; Bolton, 2003: 91.

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

Aphantolepis Wheeler, W.M. 1930d: 44. Type-species: *Aphantolepis quadricolor* Wheeler, W.M. 1930d: 44, by monotypy.

Taxonomic history

Aphantolepis in Formicinae, Lasiini: Wheeler, W.M. 1930d: 44.

Aphantolepis in Formicinae, Prenolepidini: Donisthorpe, 1943f: 624.

Aphantolepis as junior synonym of *Technomyrmex*: Brown, 1953h: 5; Shattuck, 1992c: 153; Shattuck, 1994: 156; Bolton, 1994: 26; Bolton, 2003: 92; 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, D.R. 1985: 106 (Australia); Taylor, 1987a: 77 (Australia, New Caledonia & New Zealand); Shattuck, 1994: 156; Bolton, 1995b: 402.

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).

Tribes (extinct) *incertae sedis* in DOLICHODERINAE

Tribe ***MIOMYRMECINI**

***Miomymicini** Carpenter, 1930: 51. Type-genus: **Miomymex* Carpenter, 1930: 51.

Taxonomic history

*Miomymicini as tribe of Dolichoderinae: Carpenter, 1930: 51.

*Miomymicini as junior synonym of Dolichoderinae: Bolton, 1994: 26; Bolton, 2003: 81.

Genus of *Miomymecini: **Miomymrmex*.

Genus *MIOMYRMEX

**Miomymrmex* Carpenter, 1930: 51. Type-species: **Formica impacta* Cockerell, 1927: 165, by original designation.

Taxonomic history

**Miomymrmex* in Dolichoderinae, Miomymecini: Carpenter, 1930: 51.

**Miomymrmex* in Dolichoderinae, Tapinomini: Hölldobler & Wilson, 1990: 17.

**Miomymrmex* in Dolichoderinae: Shattuck, 1994: 131; Bolton, 1994: 26; Bolton, 2003: 90.

**Miomymrmex incertae sedis* in Dolichoderinae: Ward, Brady, *et al.* 2010: 362.

**Miomymrmex* as genus: all authors.

****Miomymrmex catalogues*:** Shattuck, 1994: 131; Bolton, 1995b: 258.

Tribe *ZHERICHINIINI

**Zherichiniini* Dlussky, 1988: 56. Type-genus: **Zherichinius* Dlussky, 1988: 57.

Taxonomic history

**Zherichiniini* as tribe of Dolichoderinae: Dlussky, 1988: 56; Dlussky & Fedoseeva, 1988: 77.

**Zherichiniini* as junior synonym of Dolichoderinae: Shattuck, 1992c: 5; Bolton, 1994: 26; Bolton, 2003: 81.

Genus of *Zherichiniini: **Zherichinius*.

Genus *ZHERICHINIUS

**Zherichinius* Dlussky, 1988: 57. Type-species: **Zherichinius horribilis* Dlussky, 1988: 57, by original designation.

Taxonomic history

**Zherichinius* in Dolichoderinae, **Zherichiniini*: Dlussky, 1988: 57; Dlussky & Fedoseeva, 1988: 77.

**Zherichinius* in Dolichoderinae: Shattuck, 1994: 170; Bolton, 1994: 26; Bolton, 2003: 92.

**Zherichinius incertae sedis* in Dolichoderinae: Ward, Brady, *et al.* 2010: 362.

**Zherichinius* as genus: all authors.

***Zherichinius** catalogues: Shattuck, 1994: 170; Bolton, 1995b: 427.

Genera (extinct) *incertae sedis* in DOLICHODERINAE

Genus ***ALLOIOMMA**

***Alloiomma** Zhang, 1989: 282. Type-species: **Alloiomma changweiensis* Zhang, 1989: 282, by original designation.

Taxonomic history

**Alloiomma* in Dolichoderinae: Zhang, 1989: 282; Bolton, 2003: 82.

**Alloiomma incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Alloiomma* as genus: all authors.

Genus ***ASYMPHYLOMYRMEX**

***Asymphylomyrmex** Wheeler, W.M. 1915h: 96. Type-species: **Asymphylomyrmex balticus* Wheeler, W.M. 1915h: 97, by monotypy.

Taxonomic history

**Asymphylomyrmex* in Dolichoderinae, Tapinomini: Wheeler, W.M. 1915h: 96; Donisthorpe, 1943f: 626; Hölldobler & Wilson, 1990: 17.

**Asymphylomyrmex* in Dolichoderinae, Liometopini: Dlussky & Fedoseeva, 1988: 77.

**Asymphylomyrmex* in Dolichoderinae: Bolton, 1994: 26 Shattuck, 1994: 8; Bolton, 2003: 83.

**Asymphylomyrmex incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Asymphylomyrmex* as genus: all authors.

***Asymphylomyrmex** catalogues: Shattuck, 1994: 8; Bolton, 1995b: 75.

Genus ***ELAEOMYRMEX**

***Elaeomyrmex** Carpenter, 1930: 48. Type-species: **Elaeomyrmex gracilis* Carpenter, 1930: 48, by original designation.

Taxonomic history

**Elaeomyrmex* in Dolichoderinae, Tapinomini: Carpenter, 1930: 48; subsequent authors to the following.

**Elaeomyrmex* in Dolichoderinae: Shattuck, 1994: 91; Bolton, 1994: 26; Bolton, 2003: 87.

**Elaeomyrmex incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Elaeomyrmex* as genus: all authors.

**Elaeomyrmex* catalogues: Shattuck, 1994: 91; Bolton, 1995b: 187.

Genus ***ELAPHRODITES**

**Elaphrodites* Zhang, 1989: 284. Type-species: **Elaphrodites scutulatus* Zhang, 1989: 284, by original designation.

Taxonomic history

**Elaphrodites* in Dolichoderinae: Zhang, 1989: 284; Bolton, 2003: 87.

**Elaphrodites incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Elaphrodites* as genus: all authors.

Genus ***ELDERMYRMEX**

**Eldermyrmex* Shattuck, in Heterick & Shattuck, 2011: 170. Type-species: **Iridomyrmex oblongiceps* Wheeler, W.M. 1915h: 93, by original designation.

Taxonomic history

**Eldermyrmex* in Dolichoderinae: Shattuck, in Hetrick & Shattuck, 2011: 170.

**Eldermyrmex* as genus: all authors.

Genus ***EMPLASTUS**

**Emplastus* Donisthorpe, 1920: 86. Type-species: **Emplastus emeryi* Donisthorpe, 1920: 86, by original designation.

Taxonomic history

**Emplastus* in Ponerinae, Ponerini: Donisthorpe, 1920: 86; Bolton, 1994: 164.

**Emplastus* in Dolichoderinae: Bolton, 2003: 87; Dlussky & Putyatina, 2014: 242.

**Emplastus incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Emplastus* as genus: all authors.

**Emplastus* catalogue: Bolton, 1995b: 188.

**Emplastus* references: Dlussky & Putyatina, 2014: 242 (diagnosis).

Genus **EOTAPINOMA*

**Eotapinoma* Dlussky, 1988: 54. Type-species: **Eotapinoma gracilis* Dlussky, 1988: 55, by original designation.

Taxonomic history

**Eotapinoma* in Dolichoderinae, Tapinomini: Dlussky, 1988: 54; Dlussky & Fedoseeva, 1988: 77.

**Eotapinoma* in Dolichoderinae: Shattuck, 1994: 91; Bolton, 1994: 26; Bolton, 2003: 88.

**Eotapinoma incertae sedis* in Dolichoderinae: Ward, Brady, *et al.* 2010: 362.

**Eotapinoma* as genus: all authors.

****Eotapinoma catalogues***: Shattuck, 1994: 91; Bolton, 1995b: 188.

Genus **EURYMYRMEX*

**Eurymyrmex* Zhang, Sun & Zhang, 1994: 167 (English translation: 286). Type-species: **Eurymyrmex geologicus* Zhang, Sun & Zhang, 1994: 167, by original designation.

Taxonomic history

**Eurymyrmex* in Dolichoderinae: Zhang, Sun & Zhang, 1994: 167.

**Eurymyrmex incertae sedis* in Dolichoderinae: Ward, Brady, *et al.* 2010: 362.

**Eurymyrmex* as genus: all authors.

Genus **KOTSHKORKIA*

**Kotshkorkia* Dlussky, 1981b: 71. Type-species: **Kotshkorkia laticeps* Dlussky, 1981b: 71, by original designation.

Taxonomic history

**Kotshkorkia incertae sedis* in Formicinae: Hölldobler & Wilson, 1990: 19 (error).

**Kotshkorkia* in Dolichoderinae: Dlussky & Fedoseeva, 1988: 78; Bolton, 1994: 26; Bolton, 2003: 89.

**Kotshkorkia incertae sedis* in Dolichoderinae: Hölldobler & Wilson, 1990: 17; Ward, Brady, *et al.* 2010: 362.

**Kotshkorkia* as genus: all authors.

****Kotshkorkia catalogues***: Shattuck, 1994: 115; Bolton, 1995b: 219.

Genus **LEPTOMYRMULA*

**Leptomyrmula* Emery, 1913a: 16 (footnote). Type-species: **Leptomyrmex maravignae* Emery, 1891a: 152, by monotypy.

Taxonomic history

**Leptomyrmula* in Dolichoderinae, Leptomyrmecini: Wheeler, W.M. 1915d: 262 [Leptomyrmicini]; subsequent authors to the following.

**Leptomyrmula* in Dolichoderinae, Dolichoderini: Bolton, 1994: 26; Bolton, 2003: 89.

**Leptomyrmula incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Leptomyrmula* as genus: all authors.

**Leptomyrmula* catalogues: Shattuck, 1994: 121; Bolton, 1995b: 235.

Genus ***PETRAEOMYRMEX**

**Petraeomyrmex* Carpenter, 1930: 55. Type-species: **Petraeomyrmex minimus* Carpenter, 1930: 55, by original designation.

Taxonomic history

**Petraeomyrmex* in Dolichoderinae, Tapinomini: Hölldobler & Wilson, 1990: 17.

**Petraeomyrmex* in Dolichoderinae: Shattuck, 1994: 135; Bolton, 1994: 26; Bolton, 2003: 90.

**Petraeomyrmex incertae sedis* in Dolichoderinae: Carpenter, 1930: 55; Ward, Brady, et al. 2010: 362.

**Petraeomyrmex* as genus: all authors.

**Petraeomyrmex* catalogues: Shattuck, 1994: 135; Bolton, 1995b: 316.

Genus ***PROIRIDOMYRMEX**

**Proiridomyrmex* Dlussky & Rasnitsyn, 2002: 416. Type-species: **Proiridomyrmex vetulus* Dlussky & Rasnitsyn, 2002: 416, by original designation.

Taxonomic history

**Proiridomyrmex* in Dolichoderinae: Dlussky & Rasnitsyn, 2002: 416.

**Proiridomyrmex incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Proiridomyrmex* as genus: all authors.

Genus ***PROTAZTECA**

**Protazteca* Carpenter, 1930: 41. Type-species: **Protazteca elongata* Carpenter, 1930: 43, by original designation.

Taxonomic history

**Protazteca* in Dolichoderinae, Tapinomini: Carpenter, 1930: 41; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 17.

**Protazteca* in Dolichoderinae: Shattuck, 1994: 139; Bolton, 1994: 26; Bolton, 2003: 91.

**Protazteca incertae sedis* in Dolichoderinae: Ward, Brady, et al. 2010: 362.

**Protazteca* as genus: all authors.

***Protazteca catalogues:** Shattuck, 1994: 139; Bolton, 1995b: 369.

SYNOPSIS OF FORMICIDAE: SUBFAMILY FORMICINAE (FORMICOMORPHS)

SUBFAMILY FORMICINAE

Subfamily FORMICINAE

Formicariae Latreille, 1809: 124. Type-genus: *Formica* Linnaeus, 1758: 579.

Taxonomic history

Formicinae as group name: Latreille, 1809: 124 [Formicariae]; Lepeletier de Saint-Fargeau, 1835: 197 [Formicites]; Nylander, 1846a: 877 [Formicae].

Formicinae as family: Smith, F. 1858b: 1 [Formicidae]; Smith, F. 1861b: 36 [Formicidae]; Smith, 1871a: 302 [Formicidae]; André, 1882a: 125 [Formicidae]; Saunders, 1896: 18 [Formicidae]; Novák & Sadil, 1941: 97 [Formicidae]; Bernard, 1951: 1073 [Formicidae]; Bernard, 1953b: 256 [Formicidae].

Formicinae as tribe of Formicidae: André, 1874: 167 [Formicidae].

Formicinae as subfamily of Formicidae: Mayr, 1855: 286, 299 [Formicidae]; Mayr, 1861: 21 [Formicidae]; Mayr, 1862: 651 [Formicidae]; Mayr, 1865: 6 [Formicidae]; Mayr, 1868c: 24 [Formicidae]; Forel, 1870: 307 [Formicidae]; Forel, 1874: 21 [Formicidae]; Emery, 1877a: 70 [Formicidae]; André, 1881b: 54 [Formicidae]; Ashmead, 1905b: 384; Bondroit, 1918: 17 [Formicidae]; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 210; Emery, 1925b: 2; Karavaiev, 1936: 172; Clark, 1951: 16; Brown, 1954e: 29; Kempf, 1972a: 266; Brown, 1973b: 169; all subsequent authors.

Formicinae as formicomorph subfamily of Formicidae: Bolton, 2003: 20, 93.

Formicinae as formicoid subfamily of Formicidae: Brady, Schultz, et al. 2006: 18173; Moreau, Bell, et al. 2006: 102.

Formicinae as formicoid formicomorph subfamily of Formicidae: Ward, 2007a: 556.

Formicinae references, world: Mayr, 1862: 651 (genera key); Mayr, 1865: 6 (diagnosis); Handlirsch, 1907: 859 (*fossil taxa catalogue); Dalla Torre, 1893: 171 (catalogue); Emery, 1895j: 772 (synoptic classification); Emery, 1896e: 187 (genera key); Wheeler, W.M. 1910g: 143 (diagnosis); Forel, 1912i: 88 (tribes key); Forel, 1917: 248 (synoptic classification); Arnold, 1920a: 551 (diagnosis); Forel, 1921c: 139 (diagnosis); Wheeler, W.M. 1922a: 210, 691 (diagnosis, tribes key); Emery, 1925b: 2 (diagnosis, tribe key, catalogue); Brown & Nutting, 1950: 127 (venation, phylogeny); Eisner, 1957: 465 (proventriculus morphology); Hung & Brown, 1966: 198 (gastric apex, structure); Bernard, 1967: 267 (diagnosis); Gotwald, 1969: 120 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 41 (diagnosis); Brown, 1973b: 169 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 62 (larvae, review & synthesis); Snelling, R.R. 1981: 402 (synoptic classification); Wheeler, G.C. & Wheeler, J. 1985: 258 (synoptic classification); Billen, 1986: 173 (Dufour's gland); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 9 (synoptic classification, genera keys); Agosti, 1991: 295 (genus group diagnoses); Shattuck, 1992b: 201 (phylogeny); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1994: 42 (diagnosis, synoptic classification, genera keys); Bolton, 1995a: 1039 (census); Bolton, 1995b: 11 (catalogue); Wenseleers, Schoeters, et al. 1998: 121 (cloacal gland); Dlussky & Rasnitsyn, 2002: 417 (diagnosis for impression fossils); Bolton, 2003: 20, 93 (diagnosis, synopsis); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell, et al. 2006: 102 (phylogeny); Keller, 2011: 1 (morphology, phylogeny).

Regional and national faunas with keys: Mayr, 1855: 299 (Austria); Mayr, 1861: 25 (Europe); Mayr, 1868c: 25 (*Baltic Amber); André, 1874: 167 (Europe); Forel, 1874: 22 (Switzerland); Saunders, E. 1880: 203 (Britain); André, 1882a: 126 (Europe & Algeria); Provancher, 1887: 225 (Canada); Cresson, 1887: 94 (U.S.A. genera); Nasonov, 1889: 50 (Russia); Forel, 1891b: 8 (Madagascar genera); Lameere, 1892: 62 (Belgium); Forel, 1892j: 220 (India & Sri Lanka); Bingham, 1903: 308 (India, Sri Lanka & Burma); Ruzsky, 1905b: 100 (Russian Empire); Wasmann, 1906: 7 (Luxemburg); Bondroit, 1910: 481 (Belgium); Wheeler, W.M. 1910g: 560 (North America genera); Stitz, 1914: 80 (Central Europe); Gallardo, 1915: 35 (Argentina genera); Forel, 1915d: 45 (Switzerland); Donisthorpe, 1915d: 184 (Britain); Emery, 1916b: 216 (Italy); Wheeler, W.M. 1916m: 590 (U.S.A., Connecticut); Bondroit, 1918: 17 (France & Belgium); Arnold, 1920a: 552 (South Africa); Kutter, 1920b: 134 (Switzerland); Soudek, 1922: 61 (Czechoslovakia); Lomnicki, 1925a: 160 (Poland); Stärcke, 1926: 118, 146 (Netherlands); Karavaiev, 1927c: 273 (Ukraine); Donisthorpe, 1927b: 205 (Britain); Menozzi & Russo, 1930: 172 (Dominican Republic); Arnol'di, 1933b: 601 (Russia); Menozzi, 1933b: 90 (Israel genera); Karavaiev, 1936: 173 (Ukraine); Smith, M.R. 1937: 865 (Puerto Rico); Stitz, 1939: 230 (Germany); Kratochvíl, 1941: 97 (Central Europe); Novák & Sadil, 1941: 97 (Central Europe); Cole, 1942: 373 (U.S.A., Utah); Smith, M.R. 1943f: 309 (U.S.A., males); Buren, 1944a: 292 (U.S.A., Iowa); Holgersen, 1943b: 173 (Norway); Holgersen, 1944: 199 (Norway); Smith, M.R. 1947f: 599 (U.S.A. genera); Boven, 1947: 181 (Belgium); Creighton, 1950a: 355 (Nearctic); Kusnezov, 1956: 31 (Argentina); Brown, 1958h: 42 (New Zealand); Boven, 1959: 11 (Netherlands); Gregg, 1963: 447 (U.S.A., Colorado); Wheeler, G.C. & Wheeler, J. 1963: 160 (U.S.A., North Dakota); Collingwood, 1964: 104 (Britain); Bernard, 1967: 268 (Western Europe); Wilson & Taylor, 1967: 17 (Polynesia); Boven, 1970b: 26 (Netherlands); Kempf, 1972a: 266 (Neotropical, synoptic classification); Bolton, 1973a: 329 (West Africa genera); Bolton & Collingwood,

1975: 3 (Britain); Snelling & Hunt, 1976: 104 (Chile); Tarbinsky, 1976: 126 (Kyrgyzstan); Boven, 1977: 126 (Belgium); Kutter, 1977c: 183 (Switzerland); Arnol'di & Dlussky, 1978: 548 (former European U.S.S.R.); Collingwood, 1978: 88 (Iberian Peninsula); Collingwood, 1979: 85 (Fennoscandia & Denmark); Greenslade, 1979: 32 (South Australia genera); Schembri & Collingwood, 1981: 436 (Malta); Prins, 1983: 8 (Southern Africa genera); Allred, 1982: 444 (U.S.A., Utah); Verhaeghe, Deligne, et al., 1984: 106 (Belgium genera); Baroni Urbani, 1984: 81 (Neotropical genera); Gösswald, 1985: 263 (Germany); Collingwood, 1985: 273 (Saudi Arabia); Wheeler, G.C. & Wheeler, J. 1986g: 58 (U.S.A., Nevada); Nilsson & Douwes, 1987: 68 (Norway); Agosti & Collingwood, 1987b: 279 (Balkans); Dlussky, Soyunov & Zabelin, 1990: 124 (Turkmenistan); Kupyanskaya, 1990: 162 (Far Eastern Russia); Morisita, Kubota, Onoyama, et al., 1991: 10 (Japan); Atanasov & Dlussky, 1992: 49 (Bulgaria); Shattuck, 1992b: 199 (higher classification, phylogeny); Lattke, in Jaffe, 1993: 150 (Neotropical genera); Arakelian, 1994: 76 (Armenia); Wu, J. & Wang, 1995: 125 (China genera); Kupyanskaya, 1995: 332 (Far Eastern Russia); Collingwood & Agosti, 1996: 361 (Saudi Arabia); Seifert, 1996b: 166 (Central Europe); Skinner & Allen, 1996: 41 (Britain); Collingwood & Prince, 1998: 21 (Portugal); Shattuck, 1999: 25, 86 (Australia genera, synopsis); Andersen, 2000: 68 (northern Australia genera); Zhou, 2001b: 165 (China, Guangxi); Czechowski, Radchenko & Czechowska, 2002: 147 (Poland); Aktaç & Radchenko, 2002: 54 (Turkey genera); Yoshimura & Onoyama, 2002: 425 (Japan genera, males); Mackay & Mackay, 2002: 236 (U.S.A., New Mexico); Palacio & Fernández, in Fernández, 2003d: 242 (Neotropical genera); Radchenko, 2005b: 187 (North Korea); Coovett, 2005: 113 (U.S.A., Ohio); Clouse, 2007b: 190 (Micronesia); Seifert, 2007: 150 (North and Central Europe); Terayama, 2009: 202 (Taiwan); Heterick, 2009: 30 (south-western Australia genera); Boer, 2010: 17 (Benelux); General & Alpert, 2012: 71 (Philippines genera key).

Tribes of Formicinae: Camponotini, Formicini, Gesomyrmecini, Gigantiopini, Lasiini, Melophorini, Myrmecorhynchini, Myrmoteratini, Notostigmatini, Oecophyllini, Plagiolepidini.

Genera (extinct) *incertae sedis* in Formicinae: **Attopsis*, **Camponotites*, **Drymomyrmex*, **Heeridris*, **Imhoffia*, **Kyromyrma*, **Leucotaphus*, **Protrechina*.

Hong (2002) genera (extinct) *incertae sedis* in Formicinae: **Curtipalpus*, **Eoleptocerites*, **Eurytarsites*, **Fushuniformica*, **Huaxiaformica*, **Leptogasteritus*, **Liaoformica*, **Longiformica*, **Magnogasterites*, **Orbicapitia*, **Ovalicapito*, **Ovaligastrula*, **Sinoformica*, **Sinotenuicapito*, **Wilsonia* (unresolved junior homonym).

Tribe LASIINI

Lasiini Ashmead, 1905b: 384. Type-genus: *Lasius* Fabricius, 1804: 415.

Taxonomic history

Lasiini as junior synonym of Formicini: Wheeler, W.M. 1922a: 698; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1985: 258; Hölldobler & Wilson, 1990: 18.

Lasiini as tribe of Formicinae: Ashmead, 1905b: 384; Emery, 1925b: 212; Karavaiev, 1936: 192; Dlussky & Fedoseeva, 1988: 77; Jaffe 1993: 12; Bolton, 1994: 50; Bolton, 2003: 21, 94 (diagnosis, synopsis).

Junior synonym of LASIINI

Acanthomyopsini Donisthorpe, 1943f: 618. Type-genus: *Acanthomyops* Mayr, 1862: 699.

Taxonomic history

Acanthomyopsini as tribe of Formicinae: Donisthorpe, 1943f: 618; Donisthorpe, 1947c: 593; Donisthorpe, 1947d: 192; Donisthorpe, 1948d: 604; Donisthorpe, 1949c: 756; Donisthorpe, 1950e: 1063.

Acanthomyopsini as junior synonym of Lasiini: Bolton, 1994: 50; Bolton, 2003: 21, 94.

Lasiini references: Wheeler, W.M. 1922a: 940, 1037 (Afrotropical, Malagasy catalogues); Emery, 1925b: 212 (diagnosis, genera key, catalogue); Hölldobler & Wilson, 1990: 18 (synoptic classification); Brandão, 1991: 393 (Neotropical synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 1995a: 1039 (census); Bolton, 1995b: 12 (catalogue); Bolton, 2003: 21, 94 (diagnosis, synopsis).

Genera (extant) of Lasiini: *Acropyga*, *Anoplolepis*, *Cladomyrma*, *Lasiophanes*, *Lasius*, *Myrmecocystus*, *Prolasius*, *Stigmacros*, *Teratomyrmex*.

Genus (extinct) of Lasiini: **Glaiphyromyrmex*.

Genera of Lasiini

Genus ACROPYGA

Acropyga Roger, 1862a: 242. Type-species: *Acropyga acutiventris* Roger, 1862a: 243, by monotypy.

Taxonomic history

Acropyga in Camponotinae: Forel, 1878: 379 [Camponotidae]; Dalla Torre, 1893: 174.

Acropyga in Camponotinae, Plagiolepidini: Forel, 1886f: 212; Forel, 1893a: 165; Forel, 1895b: 107; Emery, 1895j: 771; Wheeler, W.M. 1910g: 143; Forel, 1912i: 88; Forel, 1917: 249.

Acropyga in Formicinae, Plagiolepidini: Ashmead, 1905b: 384; Wheeler, W.M. 1922a: 695; Emery, 1925b: 27; all subsequent authors except the two following.

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

Acropyga in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Acropyga in Formicinae, Lasiini: Bolton, 2003: 22, 94.

Acropyga as junior synonym of *Plagiolepis*: Mayr, 1863: 394.

Acropyga as genus: Roger, 1862a: 242; Smith, F. 1871a: 319; Forel, 1878: 379; all subsequent authors.

Junior synonyms 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 except below; Bolton, 1994: 51; Bolton, 2003: 95.

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

Atopodon Forel, 1912m: 771 [as subgenus of *Acropyga*]. Type-species: *Acropyga (Atopodon) inezae* Forel, 1912m: 772, by subsequent designation of Wheeler, W.M. 1913a: 79.

Taxonomic history

[*Atopodon* also described as new by Forel, 1913k: 100.]

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

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

Atopodon as subgenus of *Rhizomyrma*: Forel, 1917: 249.

Atopodon as genus: Wheeler, W.M. 1922a: 695.

Atopodon as subgenus of *Acropyga*: Forel, 1912m: 771; Forel, 1913k: 100; Emery, 1925b: 30; subsequent authors except below; Bolton, 1994: 51; Bolton, 2003: 95.

Atopodon as junior synonym of *Acropyga*: Brown, 1973b: 178 [provisional]; Hölldobler & Wilson, 1990: 18; LaPolla, 2004a: 16.

Malacomyrma Emery, 1922d: 109 [as subgenus of *Acropyga*]. Type-species: *Acropyga silvestrii* Emery, 1915g: 21, by monotypy.

Taxonomic history

Malacomyrma in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Malacomyrma as subgenus of *Acropyga*: Emery, 1922d: 109; Emery, 1925b: 30; subsequent authors except below; Bolton, 1994: 51; Bolton, 2003: 95.

Malacomyrma as junior synonym of *Acropyga*: Brown, 1973b: 182 [provisional]; Hölldobler & Wilson, 1990: 18; LaPolla, 2004a: 16.

Acropyga catalogues: Roger, 1863b: 11; Dalla Torre, 1893: 174; Wheeler, W.M. 1922a: 928 (Afrotropical); Emery, 1925b: 29, 30 (A. (*Rhizomyrma*, *Atopodon*, *Malacomyrma*)); Chapman & Capco, 1951: 210 (Asia); Kempf, 1972a: 16 (Neotropical); Smith, D.R. 1979: 1423 (North America); Taylor & Brown, D.R. 1985: 107 (Australia); Taylor, 1987a: 5 (Australia); Bolton, 1995b: 57.

Acropyga references: Forel, 1878: 379 (diagnosis); Bingham, 1903: 332 (diagnosis); Emery, 1925b: 27 (diagnosis, subgenera key); Emery, 1925b: 29, 30 (A. (*Rhizomyrma*, *Atopodon*, *Malacomyrma*) diagnoses); Weber, 1944: 91 (Neotropical A. (*Rhizomyrma*) species key); Morisita, Kubota, et al., 1991: 14 (Japan species key); Wang, C. & Wu, 1992a: 227 (China species key); Bolton, 1995a: 1047 (census); Shattuck, 1999: 86 (Australia synopsis); Terayama, Fellowes & Zhou, 2002: 22 (diagnosis, East Asian species key); LaPolla, 2004a: 16 (diagnosis, **all species revision; New World species key: 23; Old World species key: 27**); LaPolla & Fisher, 2005: 601 (**Afrotropical species, revised key**); LaPolla, Schultz, et al. 2006: 197 (phylogeny); Terayama, 2009: 204 (Taiwan species key); Heterick, 2009: 60 (south-western Australia species key).

Genus **ANOPOLEPIS**

Anopolepis Santschi, 1914b: 123 [as subgenus of *Plagiolepis*]. Type-species: *Formica longipes* Jerdon, 1851: 122 (junior primary homonym of *Formica longipes* Latreille, 1802c: 233. *Formica gracilipes* Smith, F. 1857a: 55 first available replacement name: Bolton, 1995b: 67), by monotypy.

Taxonomic history

Anopolepis in Camponotinae, Plagiolepidini: Forel, 1917: 249; Arnold, 1922: 593.

Anopolepis in Formicinae, Plagiolepidini: Wheeler, W.M. 1922a: 696; Emery, 1925b: 16; Santschi, 1926a: 13; all subsequent authors except the following.

Anopolepis in Formicinae [part in *Oecophylla* genus group, part in *Pseudolasius* genus group]: Agosti, 1991: 295, 296.

Anopolepis in Formicinae, Lasiini: Bolton, 2003: 22, 95.

Anopolepis as subgenus of *Plagiolepis*: Santschi, 1914b: 123; Forel, 1917: 249; Arnold, 1922: 593; Wheeler, W.M. 1922a: 696, 931.

Anopolepis as genus: Emery, 1925b: 16; Santschi, 1926a: 13; all subsequent authors.

Junior synonym of **ANOPOLEPIS**

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.

Zealleyella as junior synonym of *Anoplolepis*: Brown, 1973b: 185 [provisional]; Bolton, 2003: 96, 267.

***Anoplolepis* catalogues:** Dalla Torre, 1893: 172 (as part of *Plagiolepis*); Wheeler, W.M. 1922a: 931, 1036 (Afrotropical, Malagasy); Emery, 1925b: 16; Chapman & Capco, 1951: 213 (Asia); Kempf, 1972a: 22 (Neotropical); Taylor & Brown, D.R. 1985: 108 (Australia); Bolton, 1995b: 66; Bolton, 2003: 267.

***Anoplolepis* references:** [Prior to 2003 references also include *Tapinolepis*.]

Arnold, 1922: 593 (South Africa, species); Emery, 1925b: 16 (diagnosis); Santschi, 1926a: 13 (subgenera diagnoses); Santschi, 1937g: 83 (subgenera key); Prins, 1982: 235 (South Africa A. (*Zealleyella*) partial revision, key); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Bolton, 1995a: 1048 (census); Collingwood & Agosti, 1996: 362 (Saudi Arabia species key); Shattuck, 1999: 88 (Australia synopsis); Bolton, 2003: 267 (diagnosis).

Genus **CLADOMYRMA**

Cladomyrma Wheeler, W.M. 1920: 53. Type-species: *Aphomomyrmex hewitti* Wheeler, W.M. 1910c: 132, by original designation.

Taxonomic history

Cladomyrma in Formicinae, Dimorphomyrmecini: Emery, 1925b: 45 [subtribe Brachymyrmecini]; Donisthorpe, 1937a: 620; Donisthorpe, 1943f: 633.

Cladomyrma in Formicinae, Myrmelachistini: Wheeler, W.M. 1922a: 697; Chapman & Capco, 1951: 208; Hölldobler & Wilson, 1990: 18.

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

Cladomyrma in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Cladomyrma in Formicinae, Brachymyrmecini: Wheeler, W.M. 1929a: 12; Wheeler, G.C. & Wheeler, J. 1985: 258; Bolton, 1994: 50.

Cladomyrma in Formicinae, Lasiini: Bolton, 2003: 22, 96.

Cladomyrma as genus: all authors.

***Cladomyrma* catalogues:** Emery, 1925b: 45; Chapman & Capco, 1951: 208 (Asia); Bolton, 1995b: 145.

***Cladomyrma* references:** Emery, 1925b: 45 (diagnosis); Agosti, 1991: 293 (diagnosis, **all species revision, key**); Bolton, 1995a: 1048 (census); Agosti, Moog & Maschwitz, 1999: 6 (**all species revision, key**).

Genus ****GLAPHYROMYRMEX***

****Glaphyromymex*** Wheeler, W.M. 1915h: 131. Type-species: **Glaphyromymex oligocenicus* Wheeler, W.M. 1915h: 132, by monotypy.

Taxonomic history

**Glaphyromymex* in Camponotinae, Formicini: Wheeler, W.M. 1915h: 131.

**Glaphyromymex* in Formicinae, Formicini: Donisthorpe, 1943f: 647; Dlussky, 1967: 86; Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50; all subsequent authors to the following.

**Glaphyromymex* in Formicinae, Lasiini: Dlussky, 2008a: 46 (in text).

**Glaphyromymex* as genus: all authors.

Genus ***LASIOPHANES***

Lasiophanes Emery, 1895i: 16 [as subgenus of *Melophorus*]. Type-species: *Formica nigriventris* Spinola, 1851a: 239 (junior primary homonym; replacement name: *Formica atriventris* Smith, F. 1858b: 51), by subsequent designation of Wheeler, W.M. 1911f: 165.

Taxonomic history

Lasiophanes in Camponotinae, Melophorini: Forel, 1917: 248.

Lasiophanes in Formicinae, Melophorini: Wheeler, W.M. 1922a: 695; Emery, 1925b: 12; Wheeler, W.M. 1935c: 70; all subsequent authors except the following.

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

Lasiophanes in Formicinae, Lasiini: Bolton, 2003: 22, 96.

Lasiophanes as subgenus of *Melophorus*: Emery, 1895i: 16; Wheeler, W.M. 1910g: 143; Forel, 1917: 248; Emery, 1922a: 90; Emery, 1925b: 12; Donisthorpe, 1943f: 655.

Lasiophanes as genus: Wheeler, W.M. 1922a: 695; Wheeler, W.M. 1935c: 71; Kusnezov, 1952c: 90; Kusnezov, 1956: 31; Kempf, 1972a: 128; Snelling & Hunt, 1976: 104; all subsequent authors.

***Lasiophanes* catalogues:** Emery, 1925b: 12; Kempf, 1972a: 128; Bolton, 1995b: 220.

***Lasiophanes* references:** Emery, 1922a: 91 (species key); Emery, 1925b: 12 (diagnosis); Kusnezov, 1956: 31 (Argentina species key); Snelling & Hunt, 1976: 104 (**all species key**); Bolton, 1995a: 1050 (census).

Genus *LASIUS*

Lasius Fabricius, 1804: 415. Type-species: *Formica nigra* Linnaeus, 1758: 580, by subsequent designation of Bingham, 1903: 338.

Taxonomic history

[*Lasius* Jurine, 1801: 164 (Apidae), resurrected by Morice & Durrant, 1915: 421, subsequently suppressed by Act of Commission.]

Lasius in Formicinae: Mayr, 1861: 49 [Formicidae]; Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 8 [Formicidae]; Mayr, 1868c: 42 [Formicidae].

Lasius in Camponotinae: Forel, 1878: 374 [Camponotidae]; Emery & Forel, 1879a: 452 [Camponotidae]; Forel, 1886f: 206; Dalla Torre, 1893: 181.

Lasius in Camponotinae, Camponotini: Forel, 1886f: 206.

Lasius in Camponotinae, Formicini: Forel, 1893a: 165; Forel, 1895b: 103; Emery, 1895j: 772; Forel, 1899c: 127; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Wheeler, W.M. 1915h: 120.

Lasius in Formicinae, Formicini: Wheeler, W.M. 1922a: 698; Carpenter, 1930: 58; Chapman & Capco, 1951: 201; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1976b: 101; Wheeler, G.C. & Wheeler, J. 1985: 258.

Lasius in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 655.

Lasius in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Lasius in Formicinae, Lasiini: Ashmead, 1905b: 384; Emery, 1925b: 226; all subsequent authors except the entries above; Bolton, 1994: 50; Bolton, 2003: 22, 96.

Lasius as junior synonym of *Acanthomyops*: Forel, 1916: 460; Donisthorpe, 1916c: 276; Morice & Durrant, 1917: 442; Donisthorpe, 1927b: 206; Donisthorpe, 1937d: 132; Donisthorpe, 1943f: 655; Donisthorpe, 1946g: 91.

Lasius as junior synonym of *Formicina*: Emery, 1916a: 61; Emery, 1916b: 239; Emery, 1917a: 96; Wheeler, W.M. 1916k: 170; Bondroit, 1918: 19.

Lasius as genus: Fabricius, 1804: 415; Wheeler, W.M. 1916k: 172; Emery, 1925b: 226; Wilson, 1955a: 11; all subsequent authors.

Junior synonyms of *LASIUS*

Donisthorpea Morice & Durrant, 1915: 423. Type-species: *Formica nigra* Linnaeus, 1758: 580, by original designation.

Taxonomic history

[Unnecessary replacement name for *Lasius* Fabricius.]

Donisthorpea in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 640; Donisthorpe, 1946g: 91.

Donisthorpea as genus: Morice & Durrant, 1915: 423; Donisthorpe, 1915d: 184.

Donisthorpea as subgenus of *Formicina*: Emery, 1916a: 11; Emery, 1916b: 240.

Donisthorpea as subgenus of *Acanthomyops*: Donisthorpe, 1927b: 229; Donisthorpe, 1943f: 640; Donisthorpe, 1946g: 91.

Donisthorpea as junior synonym of *Acanthomyops*: Forel, 1916: 460; Morice & Durrant, 1917: 442; Donisthorpe, 1927b: 209.

Donisthorpea as junior synonym of *Lasius*: Wheeler, W.M. 1916k: 172; Emery, 1925b: 226; Wilson, 1955a: 11. [*Lasius* and *Donisthorpea* share the same type-species; synonymy is therefore absolute.]

**Tylolasius* Zhang, 1989: 295. Type-species: **Tylolasius inflatus* Zhang, 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.

Subgenera of LASIUS include the nominal plus the following.

Subgenus *LASIUS (ACANTHOMYOPS)*

Acanthomyops Mayr, 1862: 652 (diagnosis in key), 699. Type-species: *Formica clavigera* Roger, 1862a: 241, by monotypy.

Taxonomic history

Acanthomyops in Formicinae: Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 8 [Formicidae].

Acanthomyops in Camponotinae, Formicini: Wheeler, W.M. 1910g: 143; Forel, 1917: 249.

Acanthomyops in Formicinae, Formicini: Wheeler, W.M. 1922a: 698; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1976b: 101; Wheeler, G.C. & Wheeler, J. 1985: 258; Jaffe, 1993: 14.

Acanthomyops in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 618.

Acanthomyops in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Acanthomyops in Formicinae, Lasiini: Ashmead, 1905b: 384 (misspelled as *Acanthomyrmex*); Emery, 1925b: 236; all subsequent authors except for those above.

Acanthomyops as junior synonym of *Lasius*: Mayr, 1866b: 888; Dalla Torre, 1893: 181.

Acanthomyops as subgenus of *Formicina*: Emery, 1916a: 11; Forel, 1917: 249.

Acanthomyops as genus: Mayr, 1862: 699; Donisthorpe, 1927b: 209; Donisthorpe, 1943f: 618; Creighton, 1950a: 426; Smith, M.R. 1958c: 150; Wing, 1968: 47; Bolton, 1994: 50; Bolton, 2003: 94.

Acanthomyops as subgenus of *Lasius*: Emery, 1893i: 642; Wheeler, W.M. 1910g: 143; Wheeler, W.M. 1916k: 172; Wheeler, W.M. 1922a: 698; Emery, 1925b: 236; Buren, 1950: 188; Smith, M.R. 1951a: 852; Gregg, 1963: 453; Ward, 2005: 13.

Subgenus **LASIUS (DENDROLASIUS)**

Dendrolasius Ruzsky, 1912: 630 [as subgenus of *Lasius*]. Type-species: *Formica fuliginosa* Latreille, 1798: 36, by monotypy.

Taxonomic history

[*Dendrolasius* also described as new by Ruzsky, 1914a: 59.]

Dendrolasius as subgenus of *Formicina*: Forel, 1917: 249.

Dendrolasius as subgenus of *Acanthomyops*: Donisthorpe, 1927b: 211; Donisthorpe, 1943f: 637.

Dendrolasius as subgenus of *Lasius*: Ruzsky, 1912: 630; Wheeler, W.M. 1922a: 698; Emery, 1925b: 235; Wilson, 1955a: 14; all subsequent authors except the following.

Dendrolasius as junior synonym of *Lasius*: Brown, 1973b: 180 [provisional].

Subgenus **LASIUS (CHTHONOLASIUS)**

Chthonolasius Ruzsky, 1912: 630 [as subgenus of *Lasius*]. Type-species: *Formica umbrata* Nylander, 1846b: 1048, by subsequent designation of Emery, 1925b: 232.

Taxonomic history

[*Chthonolasius* also described as new by Ruzsky, 1914a: 59. The claim by some authors (e.g. Emery, 1916a: 11; Donisthorpe, 1941f: 37; Donisthorpe, 1943f: 633) that Ruzsky nominated *Formica flava* Fabricius, 1782: 491 as type-species is incorrect. Ruzsky (1912: 630) included those species "with the appearance of the yellow *Lasius* (*Las. flavus* D.G.) and its closely related species, and races (*Las. carniolicus*, *Las. umbratus*, *Las. myops*, *Las. mixtus*)". This is not a direct nomination of a type-species, nor is De Geer (= D.G.) the author of *flavus*: Bolton, 1995b: 24.]

Chthonolasius justified emendation of spelling: Wheeler, W.M. 1916k: 170.

Chthonolasius as junior synonym of *Formicina*: Wheeler, W.M. 1916k: 172; Emery, 1916a: 11.

Chthonolasius as subgenus of *Acanthomyops*: Donisthorpe, 1927b: 254.

Chthonolasius as subgenus of *Lasius*: Ruzsky, 1912: 630; Ruzsky, 1914a: 59; Wheeler, W.M. 1922a: 698; Emery, 1925b: 231; Wilson, 1955a: 13; all subsequent authors except the following.

Chthonolasius as junior synonym of *Lasius*: Brown, 1973b: 179 [provisional].

Subgenus **LASIUS (CAUTOLASIUS)**

Cautolasius Wilson, 1955a: 13 [as subgenus of *Lasius*]. Type-species: *Formica flava* Fabricius, 1782: 491, by original designation.

Taxonomic history

Cautolasius as junior synonym of *Lasius*: Brown, 1973b: 179 [provisional].

Cautolasius as subgenus of *Lasius*: Bolton, 2003: 97.

Subgenus *LASIUS (AUSTROLASIUS)*

Austrolasius Faber, 1967: 74 [as subgenus of *Lasius*]. Type-species: *Lasius carniolicus* Mayr, 1861: 51, by original designation.

Taxonomic history

Austrolasius as junior synonym of *Lasius*: Brown, 1973b: 179 [provisional].

Austrolasius as subgenus of *Lasius*: Bolton, 2003: 97.

***Lasius* catalogues:** Roger, 1863b: 11; Mayr, 1863: 394, 425; Emery & Forel, 1879: 452 (Europe); Cresson, 1887: 257 (U.S.A.); Dalla Torre, 1893: 181; Emery, 1925b: 226, 231, 235, 236 (*L. (Lasius)*, *L. (Chthonolasius)*, *L. (Dendrolasius)*, *L. (Acanthomyops)*); Chapman & Capco, 1951: 201 (Asia); Smith, M.R. 1951a: 850 (North America); Smith, D.R. 1979: 1435, 1440 (North America *Lasius*, *Acanthomyops*); Bolton, 1995b: 53, 221 (*Acanthomyops*, *Lasius*).

***Lasius* references:** Mayr, 1861: 49 (Europe species key); Mayr, 1865: 8 (diagnosis); Mayr, 1867a: 74 (diagnosis); André, 1874: 179 (Europe species key); Forel, 1874: 46 (Switzerland species key); Forel, 1878: 374 (diagnosis); André, 1882b: 191 (Europe & Algeria species key); Provancher, 1887: 236 (Canada species key); Nasonov, 1889: 64 (Russia species key); Emery, 1893i: 637 (North America species key); Bingham, 1903: 339 (India species key); Ruzsky, 1905b: 264 (Russian Empire species key); Wasmann, 1906: 10 (Luxemburg species key); Bondroit, 1910: 484 (Belgium species key); Wheeler, W.M. 1910e: 237 (North America *L. umbratus* forms, key); Stitz, 1914: 82 (Central Europe species key); Donisthorpe, 1915d: 188 (Britain species key); Emery, 1916b: 243 (Italy species key); Wheeler, W.M. 1916m: 591 (U.S.A., Connecticut species key); Bondroit, 1918: 19 (France & Belgium species key); Wheeler, W.M. 1922a: 698 (subgenera key); Emery, 1925b: 226 (diagnosis, subgenera key); Emery, 1925b: 231 (*L. (Chthonolasius)* diagnosis); Emery, 1925b: 235 (*L. (Dendrolasius)* diagnosis); Emery, 1925b: 236 (*L. (Acanthomyops)* diagnosis); Kuznetsov-Ugamsky, 1927e: 186 (Turkestan species key); Karavaiev, 1927c: 277 (Ukraine species key); Donisthorpe, 1927b: 206 (Britain species key); Arnol'di, 1933b: 602 (Russia species key); Karavaiev, 1936: 193 (Ukraine species key); Stärcke, 1937: 57 (Europe *L. umbratus* group, key); Menozzi, 1939a: 313 (Himalaya & Tibet species key); Stitz, 1939: 267 (Germany species key); Kratochvíl, 1941: 100 (Central Europe species key); Novák & Sadil, 1941: 100 (Central Europe species key); Cole, 1942: 373 (U.S.A., Utah species key); Holgersen, 1943b: 174 (Norway species key); Holgersen, 1944: 199 (Norway species key); Buren, 1944a: 296 (U.S.A., Iowa species key); Stärcke, 1944a: 157 (Europe *L. niger* group, key); Boven, 1947: 184 (Belgium species key); Creighton, 1950a: 418 (*Lasius Nearctic species key*: 418; *Acanthomyops Nearctic species key*: 428); Buren, 1950: 188 (*Acanthomyops queens*, key); Wilson, 1955a: 13 (subgenera review); Wilson, 1955a: 26 (*Lasius all species revision*; *Nearctic species key*: 26; *Palaearctic species key*: 28); Boven, 1959: 11 (Netherlands species key); Wheeler, G.C. & Wheeler, J. 1963: 177 (U.S.A., North Dakota *Lasius* species key); Wheeler, G.C. & Wheeler, J. 1963: 195 (U.S.A., North Dakota *Acanthomyops* species key); Gregg,

1963: 453 (U.S.A., Colorado species key); Collingwood, 1963: 155 (Europe *L. umbratus* group species key); Collingwood, 1964: 107 (Britain species key); Bernard, 1967: 349 (diagnosis, Western Europe species key); Wing, 1968: 53 (*Acanthomyops* diagnosis, **all species revision, key**); Bourne, 1973: 19 (Britain species key); Boven, 1970b: 28 (Netherlands species key); Bolton & Collingwood, 1975: 7 (Britain species key); Tarbinsky, 1976: 133 (Kyrgyzstan species key); Boven, 1977: 135 (Belgium species key); Kutter, 1977c: 208 (Switzerland species key); Arnol'di & Dlussky, 1978: 555 (former European U.S.S.R. species key); Collingwood, 1978: 89 (Iberian Peninsula species key); Collingwood, 1979: 92 (Fennoscandia & Denmark species key); Yamauchi, 1979: 147 (Japan species keys); Allred, 1982: 444 (U.S.A., Utah *Acanthomyops* species key); Allred, 1982: 450 (U.S.A., Utah *Lasius* species key); Collingwood, 1982: 283 (Himalayan species key); Gösswald, 1985: 268 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 64 (U.S.A., Nevada *Lasius* species key); Wheeler, G.C. & Wheeler, J. 1986g: 68 (U.S.A., Nevada *Acanthomyops* species key); Nilsson & Douwes, 1987: 70 (Norway species key); Agosti & Collingwood, 1987b: 281 (Balkans species key); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Seifert, 1988a: 143 (Europe *L. (Chthonolasius)* species key); Kupyanskaya, 1989: 781 (East Palaearctic *L. (Dendrolasius)* species key); Dlussky, Soyunov & Zabelin, 1990: 158 (Turkmenistan species key); Seifert, 1990: 1 (supplement to European *L. (Chthonolasius)*); Agosti & Bolton, 1990b: 149 (characters); Kupyanskaya, 1990: 211 (Far Eastern Russia species key); Morisita, Kubota, Onoyama, et al., 1991: 24 (Japan species key); Agosti, 1991: 295 (*Lasius* genus group diagnosis); Seifert, 1992b: 48 (Palaearctic *L. (Lasius)* species key); Atanasov & Dlussky, 1992: 232 (Bulgaria species key); Arakelian, 1994: 111 (Armenia species key); Radchenko, 1994b: 114 (South Siberia species key); Bolton, 1995a: 1050 (census); Douwes, 1995: 92 (Sweden species key); Kupyanskaya, 1995: 361 (Far Eastern Russia species key); Wu, J. & Wang, 1995: 153 (China species key); Seifert, 1996b: 179 (Central Europe species key); Skinner & Allen, 1996: 42 (Britain species key); Collingwood & Prince, 1998: 22 (Portugal species key); Zhou, 2001b: 187 (China, Guangxi species key); Blacker & Collingwood, 2002: 44 (British species key); Czechowski, Radchenko & Czechowska, 2002: 154 (Poland species key); Mackay & Mackay, 2002: 237 (U.S.A., New Mexico *Acanthomyops* species key); Mackay & Mackay, 2002: 331 (U.S.A., New Mexico *Lasius* species key); Radchenko, 2005a: 93 (East Palaearctic *L. (Dendrolasius)* species key); Radchenko, 2005b: 190 (North Korea species key); Seifert, 2007: 159 (North and Central Europe species key); Terayama, 2009: 207 (Taiwan species key); Dlussky, 2011: 218 (European Late Eocene species key); Czechowski, Radchenko, et al. 2012: 382 (Poland species key); Bharti & Gul, 2013: 56 (Indian Himalayas species key); Dlussky & Putyatina, 2014: 261 (diagnosis, compression fossils).

Genus **MYRMECOCYSTUS**

Myrmecocystus Wesmael, 1838: 770. Type-species: *Myrmecocystus mexicanus* Wesmael, 1838: 770, by monotypy.

Taxonomic history

Myrmecocystus in Camponotinae: Forel, 1878: 372 [Camponotidae]; Emery & Forel, 1879a: 449 [Camponotidae]; Dalla Torre, 1893: 216.

Myrmecocystus in Camponotinae, Camponotini: Forel, 1886f: 201.

Myrmecocystus in Camponotinae, Formicini: Forel, 1893a: 165; Emery, 1895j: 772; Forel, 1899c: 129; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 250.

Myrmecocystus in Formicinae, Formicini: Wheeler, W.M. 1922a: 699; Chapman & Capco, 1951: 203; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1976b: 101; Wheeler, G.C. & Wheeler, J. 1985: 258; Jaffe, 1993: 14.

Myrmecocystus in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 665.

Myrmecocystus in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Myrmecocystus in Formicinae, Lasiini: Ashmead, 1905b: 384; Emery, 1925b: 238; subsequent authors except the above; Smith, D.R. 1979: 1445; Bolton, 1994: 50; Bolton, 2003: 98.

Myrmecocystus as junior synonym of *Cataglyphis*: Roger, 1863b: 12; Mayr, 1863: 431.

Myrmecocystus as genus: Forel, 1878: 372; all subsequent authors.

Junior synonyms of *MYRMECOCYSTUS*

Endiodiotes Snelling, R.R. 1976: 25 [as subgenus of *Myrmecocystus*]. Type-species: *Myrmecocystus melliger* Forel, 1886f: 201, by original designation.

Taxonomic history

Endiodiotes as junior synonym of *Myrmecocystus*: Snelling, R.R. 1981: 403.

Eremnocystus Snelling, R.R. 1976: 92 [as subgenus of *Myrmecocystus*]. Type-species: *Myrmecocystus creightoni* Snelling, R.R. 1971a: 6, by original designation.

Taxonomic history

Eremnocystus as junior synonym of *Myrmecocystus*: Snelling, R.R. 1981: 403.

***Myrmecocystus* catalogues:** Roger, 1863b: 12; Mayr, 1863: 431; Cresson, 1887: 255 (U.S.A.); Dalla Torre, 1893: 216; Emery, 1925b: 238; Smith, M.R. 1951a: 854 (North America); Smith, D.R. 1979: 1445 (North America); Bolton, 1995b: 274.

***Myrmecocystus* references:** Forel, 1878: 372 (diagnosis); Wheeler, W.M. 1912d: 173 (all species key); Emery, 1925b: 238 (diagnosis); Cole, 1942: 385 (U.S.A., Utah species key); Creighton, 1950a: 440 (**Nearctic species key**); Gregg, 1963: 643 (U.S.A., Colorado species key); Snelling, R.R. 1969a: 6 (*M. melliger* complex, key); Snelling, R.R. 1976: 22, 25, 27, 93, 115 (diagnosis, **all species revision, keys**); Snelling, R.R. 1982b: 77, 83 (supplements to 1976 keys); Allred, 1982: 451 (U.S.A., Utah species key); Wheeler, G.C. & Wheeler, J. 1986g: 69 (U.S.A., Nevada species key); Drusky & Fedoseeva, 1988: 77 (synoptic classification); Bolton, 1995a: 1050 (census); Mackay & Mackay, 2002: 344 (U.S.A., New Mexico species key).

Genus *PROLASIUS*

Prolasius Forel, 1892c: 331 [as subgenus of *Lasius*]. Type-species: *Formica advena* Smith, F. 1862c: 53, by monotypy.

Taxonomic history

Prolasius in Camponotinae, Melophorini: Forel, 1917: 248.

Prolasius in Formicinae, Melophorini: Wheeler, W.M. 1922a: 695; Emery, 1925b: 13; Wheeler, W.M. 1935c: 71; Donisthorpe, 1943f: 687; McAreavey, 1947: 9; subsequent authors except the following.

Prolasius in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

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

Prolasius as subgenus of *Lasius*: Forel, 1892c: 331; Dalla Torre, 1893: 181; Wheeler, W.M. 1910g: 143;

Prolasius as subgenus of *Melophorus*: Forel, 1917: 248; Emery, 1925b: 13; Donisthorpe, 1943f: 687.

Prolasius as genus: Wheeler, W.M. 1922a: 695; Clark, 1934c: 66; Wheeler, W.M. 1935c: 71; McAreavey, 1947: 9; all subsequent authors.

Prolasius catalogues: Dalla Torre, 1893: 181 (as part of *Lasius*); Emery, 1925b: 13 (*Melophorus (Prolasius)*); Taylor & Brown, D.R. 1985: 142 (Australia); Taylor, 1987a: 65 (Australia, New Zealand); Bolton, 1995b: 368.

Prolasius references: Emery, 1925b: 13 (*Melophorus (Prolasius)* diagnosis); McAreavey, 1947: 9 (diagnosis, **all species key**); Bolton, 1995a: 1052 (census); Shattuck, 1999: 110 (Australia synopsis); Heterick, 2009: 111 (south-western Australia species key).

Genus **STIGMACROS**

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 (error).

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

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

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; McAreavey, 1957: 7; all subsequent authors.

Junior homonym replaced by *STIGMACROS*

Acrostigma Forel, 1902h: 477 [as subgenus of *Acantholepis*]. Type-species: *Acantholepis (Acrostigma) froggatti* Forel, 1902h: 478, by subsequent designation of Wheeler, W.M. 1911f: 158.

Taxonomic history

[Junior homonym of **Acrostigma* Emery, 1891a: 149 (Formicidae).]

Junior synonyms of *STIGMACROS*

Hagiostigmacros McAreavey, 1957: 19 [as subgenus of *Stigmacros*]. Type-species: *Stigmacros barretti* Santschi, 1928e: 477, by original designation.

Taxonomic history

Hagiostigmacros as junior synonym of *Stigmacros*: Brown, 1973b: 181 [provisional]; Taylor & Brown, D.R. 1985: 145; all subsequent authors.

Chariostigmacros McAreavey, 1957: 23 [as subgenus of *Stigmacros*]. Type-species: *Stigmacros (Chariostigmacros) hirsuta* McAreavey, 1957: 23, by original designation.

Taxonomic history

Chariostigmacros as junior synonym of *Stigmacros*: Brown, 1973b: 179 [provisional]; Taylor & Brown, D.R. 1985: 145; all subsequent authors.

Pseudostigmacros McAreavey, 1957: 24 [as subgenus of *Stigmacros*]. Type-species: *Stigmacros (Pseudostigmacros) inermis* McAreavey, 1957: 24, by original designation.

Taxonomic history

Pseudostigmacros as junior synonym of *Stigmacros*: Brown, 1973b: 184 [provisional]; Taylor & Brown, D.R. 1985: 145; all subsequent authors.

Campostigmacros McAreavey, 1957: 25 [as subgenus of *Stigmacros*]. Type-species: *Acantholepis aemula* Forel, 1907h: 298, by original designation.

Taxonomic history

Campostigmacros as junior synonym of *Stigmacros*: Brown, 1973b: 179 [provisional]; Taylor & Brown, D.R. 1985: 145; all subsequent authors.

Cyrtostigmacros McAreavey, 1957: 35 [as subgenus of *Stigmacros*]. Type-species: *Acantholepis (Acrostigma) australis* Forel, 1902h: 479, by original designation.

Taxonomic history

Cyrtostigmacros as junior synonym of *Stigmacros*: Brown, 1973b: 179 [provisional]; Taylor & Brown, D.R. 1985: 145; all subsequent authors.

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

***Stigmacros* references:** Emery, 1925b: 34 (diagnosis); McAreavey, 1957: 7 (diagnosis, **all species revision, key**); Bolton, 1995a: 1053 (census); Shattuck, 1999: 114 (Australia synopsis); Heterick, 2009: 112 (south-western Australia species key).

Genus **TERATOMYRMEX**

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.

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

Teratomyrmex in Formicinae, Lasiini: McAreavey, 1957: 54; Bolton, 1994: 50; Bolton, 2003: 22, 100.

Teratomyrmex as genus: all authors.

***Teratomyrmex* catalogues:** Taylor & Brown, D.R. 1985: 149; Taylor, 1987a: 78; Bolton, 1995b: 403.

***Teratomyrmex* references:** Shattuck, 1999: 116 (synopsis); Shattuck & O'Reilly, 2013: 296 (**all species revision, key**).

Tribe **PLAGIOLEPIDINI**

Plagiolepisii Forel, 1886f: 212. Type-genus: *Plagiolepis* Mayr, 1861: 42.

Taxonomic history

Plagiolepidini as tribe of Camponotinae: Forel, 1886f: 212 [Plagiolepisii]; Forel, 1891b: 95 [Plagiolepisii]; Forel, 1893a: 165 [Plagiolepisii]; Emery, 1893i: 635 [Plagiolepidii]; Emery, 1895j: 771 [Plagiolepidii]; Forel, 1899c: 123 [Plagiolepidii]; Ruzsky, 1905b: 110 [Plagiolepidii]; Wheeler, W.M. 1910g: 143 [Plagiolepidii]; Wheeler, W.M. 1915h: 100; Forel, 1917: 249; Arnold, 1920a: 554.

Plagiolepidini as tribe of Formicinae: Ashmead, 1905b: 384; Bondroit, 1918: 18; Wheeler, W.M. 1922a: 693; Emery, 1925b: 15; Santschi, 1926a: 13; all subsequent authors.

Junior synonyms of PLAGIOLEPIDINI

Prenolepidii Forel, 1912i: 89 [tribe of Camponotinae]. Type-genus: *Prenolepis* Mayr, 1861: 52.

Taxonomic history

Prenolepidii as tribe of Camponotinae: Wheeler, W.M. 1915h: 100 [Prenolepidini]; Emery, 1916b: 237 [Prenolepidini]; Forel, 1917: 249 [Prenolepidini]; Arnold, 1922: 605 [Prenolepidini].

Prenolepidii as tribe of Formicinae: Bondroit, 1918: 18 [Prenolepidini]; Wheeler, W.M. 1922a: 692 [Prenolepidini]; Chapman & Capco, 1951: 214; Hölldobler & Wilson, 1990: 18.

Prenolepidii as junior synonym of Lasiini: Emery, 1925b: 212; subsequent authors except for the above; Bolton, 1994: 50; Bolton, 2003: 22, 100.

Myrmelachistini Forel, 1912i: 89 (diagnosis in key). Type-genus: *Myrmelachista* Roger, 1863a: 162.

Taxonomic history

Myrmelachistini as tribe of Camponotinae: Forel, 1912i: 89; Forel, 1917: 249; Arnold, 1920a: 552.

Myrmelachistini as tribe of Formicinae: Wheeler, W.M. 1922a: 693; Emery, 1925b: 31; all subsequent authors to the following.

Myrmelachistini as junior synonym of Plagiolepidini: Bolton, 2003: 22, 100.

Brachymyrmicini Emery, 1925b: 40. Type-genus: *Brachymyrmex* Mayr, 1868b: 163.

Taxonomic history

Brachymyrmicini as subtribe of Dimorphomyrmicini: Emery, 1925b: 40 [Brachymyrmicini].

Brachymyrmicini as tribe of Formicinae: Wheeler, W.M. 1929a: 12 (in text); Wheeler, G.C. & Wheeler, J. 1976b: 64; Wheeler, G.C. & Wheeler, J. 1985: 258 [Brachymyrmecini]; Jaffe 1993: 12; Bolton, 1994: 50.

Brachymyrmicini as junior synonym of Plagiolepidini: Bolton, 2003: 22, 100.

Bregmatomyrminii Wheeler, W.M. 1929b: 5. Type-genus: *Bregmatomyrma* Wheeler, W.M. 1929b: 3.

Taxonomic history

Bregmatomyrminii as tribe of Formicinae: Wheeler, W.M. 1929b: 5; Bolton, 1994: 50 [Bregmatomyrmini].

Bregmatomyrminii as junior synonym of Plagiolepidini: Bolton, 2003: 22, 100.

Plagiolepidini references: Forel, 1893a: 165 (synoptic classification); Emery, 1895j: 771 (synoptic classification); Forel, 1917: 249 (synoptic classification); Wheeler, W.M. 1922a: 695, 696, 697 (Plagiolepidini, Myrmelachistini, Prenolepidini genera keys); Wheeler, W.M. 1922a: 928, 1035 (Afrotropical, Malagasy catalogues); Emery, 1925b: 15 (diagnosis, genera key, catalogue); Santschi, 1926a: 13 (genera, synopsis); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 64 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 18 (synoptic classification); Brandão, 1991: 393 (Neotropical fauna, synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 1995a: 1039 (census); Bolton, 1995b: 9, 14 (catalogue); Bolton, 2003: 22, 100 (diagnosis, synopsis); LaPolla, Brady & Shattuck, 2010a: 118 (*Prenolepis* genus group revision, phylogeny, key to genera); LaPolla & Dlussky, 2010: 258 (*Prenolepis* genus group fossils); LaPolla, Kallal & Brady, 2012: 203 (*Prenolepis* genus group, key to genera).

Genera of Plagiolepidini: *Agraulomyrmex*, *Aphomomyrmex*, *Brachymyrmex*, *Bregmatomyrma*, *Euprenolepis*, *Lepisiota*, *Myrmelachista*, *Nylanderia*, *Paraparatrechina*, *Paratrechina*, *Petalomyrmex*, *Plagiolepis*, *Prenolepis*, *Pseudolasius*, *Tapinolepis*, *Zatania*.

Genera of Plagiolepidini

Genus **AGRAULOMYRMEX**

Agraulomyrmex Prins, 1983: 2. Type-species: *Agraulomyrmex meridionalis* Prins, 1983: 2, by original designation.

Taxonomic history

Agraulomyrmex in Formicinae, Plagiolepidini: Prins, 1983: 2; Bolton, 1994: 51; Bolton, 2003: 23.

Agraulomyrmex as genus: all authors.

***Agraulomyrmex* catalogue:** Bolton, 1995b: 61.

Genus **APHOMOMYRMEX**

Aphomomyrmex Emery, 1899e: 493. Type-species: *Aphomomyrmex afer* Emery, 1899e: 494, by subsequent designation of Wheeler, W.M. 1911f: 159.

Taxonomic history

Aphomomyrmex in Formicinae, Plagiolepidini: Ashmead, 1905b: 384.

Aphomomyrmex in Camponotinae, Plagiolepidini: Wheeler, W.M. 1910g: 143.

Aphomomyrmex in Camponotinae, Myrmelachistini: Forel, 1912i: 89; Forel, 1917: 249; Arnold, 1920a: 552.

Aphomomyrmex in Formicinae, Dimorphomyrmecini: Emery, 1925b: 44 [subtribe Brachymyrmecini]; Donisthorpe, 1943f: 624.

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

Aphomomyrmex in Formicinae, Myrmelachistini: Wheeler, W.M. 1922a: 697; Hölldobler & Wilson, 1990: 18.

Aphomomyrmex in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Aphomomyrmex in Formicinae, Brachymyrmecini: Wheeler, W.M. 1929a: 12; Wheeler, G.C. & Wheeler, J. 1985: 258; Bolton, 1994: 50.

Aphomomyrmex in Formicinae, Plagiolepidini: Bolton, 2003: 23, 101.

Aphomomyrmex as genus: all authors.

[*Aphomomyrmex*: incorrect subsequent spelling by Ashmead, 1905a: 111.]

***Aphomomyrmex* catalogues:** Wheeler, W.M. 1922a: 940; Emery, 1925b: 44; Bolton, 1995b: 74.

***Aphomomyrmex* references:** Arnold, 1920a: 552 (South Africa); Emery, 1925b: 44 (diagnosis); Snelling, R.R. 1979b: 3 (review of genus).

Genus **BRACHYMYRMEX**

Brachymyrmex Mayr, 1868b: 163. Type-species: *Brachymyrmex patagonicus* Mayr, 1868b: 164, by monotypy.

Taxonomic history

Brachymyrmex in Camponotinae: Forel, 1878: 375 [Camponotidae]; Dalla Torre, 1893: 174.

Brachymyrmex in Camponotinae, Plagiolepidini: Forel, 1893a: 165; Forel, 1895b: 106; Emery, 1895j: 771; Forel, 1899c: 123; Wheeler, W.M. 1910g: 143.

Brachymyrmex in Formicinae, Plagiolepidini: Ashmead, 1905b: 384.

Brachymyrmex in Camponotinae, Myrmelachistini: Forel, 1912i: 89.

Brachymyrmex in Formicinae, Dimorphomyrmecini: Emery, 1925b: 40 [subtribe Brachymyrmecini]; Donisthorpe, 1943f: 628.

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

Brachymyrmex in Formicinae, Myrmelachistini: Wheeler, W.M. 1922a: 697; Hölldobler & Wilson, 1990: 18.

Brachymyrmex in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Brachymyrmex in Formicinae, Brachymyrmeini: Wheeler, W.M. 1929a: 12; Kempf, 1972a: 37; Wheeler, G.C. & Wheeler, J. 1985: 258; Jaffe, 1993: 13; Bolton, 1994: 50.

Brachymyrmex in Formicinae, Plagiolepidini: Bolton, 2003: 23, 101.

Brachymyrmex as genus: all authors.

Junior synonym of *BRACHYMYRMEX*

Bryscha Santschi, 1923b: 652 [as subgenus of *Brachymyrmex*]. Type-species: *Brachymyrmex pilipes* Mayr, 1887: 524, by original designation.

Taxonomic history

Bryscha as junior synonym of *Brachymyrmex*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1424; all subsequent authors.

Brachymyrmex catalogues: Cresson, 1887: 255 (U.S.A.); Dalla Torre, 1893: 174; Wheeler, W.M. 1922a: 1036 (Malagasy); Emery, 1925b: 40, 43; Smith, M.R. 1951a: 838 (North America); Kempf, 1972a: 37 (Neotropical); Smith, D.R. 1979: 1424 (North America); Brandão, 1991: 331 (Neotropical); Bolton, 1995b: 81.

Brachymyrmex references: Forel, 1878: 375 (diagnosis); André, 1882b: 214 (Europe & Algeria species); Santschi, 1923b: 652 (diagnosis, all species key); Emery, 1925b: 40, 43 (diagnosis, (*B.* (*Bryscha*) diagnosis); Creighton, 1950a: 356 (North America species, review); Bernard, 1967: 279 (diagnosis); Alayo, 1974: 26 (Cuba species key); Bolton, 1995a: 1048 (census); Quirán, et al. 2004: 275 (diagnosis); Ortiz, C.M. & Fernández, 2014: 29 (species with tumuliform metathoracic spiracles key).

Genus *BREGMATOMYRMA*

Bregmatomyrma Wheeler, W.M. 1929b: 3. Type-species: *Bregmatomyrma carnosa* Wheeler, W.M. 1929b: 4, by original designation.

Taxonomic history

Bregmatomyrma in Formicinae, Bregmatomyrmini: Wheeler, W.M. 1929b: 5 [Bregmatomyrminii]; all subsequent authors except those below; Bolton, 1994: 50.

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

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

Bregmatomyrma in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Bregmatomyrma in Formicinae, Plagiolepidini: Bolton, 2003: 23, 102.

Bregmatomyrma as genus: all authors.

[*Bregmatomyrmex*: incorrect subsequent spelling by Wheeler, G.C. & Wheeler, J. 1985: 259.]

***Bregmatomyrma* catalogue:** Bolton, 1995b: 82.

Genus **EUPRENOLEPIS**

Euprenolepis Emery, 1906b: 134 [as subgenus of *Prenolepis*]. Type-species: *Prenolepis procera* Emery, 1900d: 699, by original designation.

Taxonomic history

Euprenolepis in Camponotinae, Formicini: Wheeler, W.M. 1910g: 143.

Euprenolepis in Camponotinae, Prenolepidini: Forel, 1917: 249.

Euprenolepis in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 645.

Euprenolepis in Formicinae, Brachymyrmeceini: Wheeler, G.C. & Wheeler, J. 1985: 258.

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

Euprenolepis in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Euprenolepis in Formicinae, Lasiini: Emery, 1925b: 223; Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50.

Euprenolepis in Formicinae, Plagiolepidini: Bolton, 2003: 23, 102.

Euprenolepis in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 124.

Euprenolepis as subgenus of *Prenolepis*: Emery, 1906b: 134; Wheeler, W.M. 1910g: 143; Forel, 1917: 249; Wheeler, W.M. 1922a: 697.

Euprenolepis as subgenus of *Paratrechina*: Emery, 1925b: 223; Donisthorpe, 1943f: 645; Chapman & Capco, 1951: 218.

Euprenolepis as genus: Brown, 1953h: 6; Bolton, 1994: 50; LaPolla, 2009: 6.

Junior synonym of **EUPRENOLEPIS**

Chapmanella Wheeler, W.M. 1930d: 41. Type-species: *Chapmanella negrosensis* Wheeler, W.M. 1930d: 42, by original designation.

Taxonomic history

Chapmanella in Formicinae, Lasiini: Wheeler, W.M. 1930d: 44.

Chapmanella in Formicinae, Prenolepidini: Donisthorpe, 1943f: 632; Chapman & Capco, 1951: 214.

Chapmanella as junior synonym of *Euprenolepis*: Brown, 1953h: 6; all subsequent authors.

***Euprenolepis* catalogues:** Emery, 1925b: 223; Chapman & Capco, 1951: 214; Bolton, 1995b: 189.

***Euprenolepis* references:** Emery, 1925b: 223 (diagnosis); Bolton, 1995a: 1049 (census); LaPolla, 2009: 6 (diagnosis, **all species revision, key**); LaPolla, Brady & Shattuck, 2010a: 124 (diagnosis, synopsis).

Genus **LEPISIOTA**

Lepisiota Santschi, 1926a: 15 [as subgenus of *Acantholepis*]. Type-species: *Plagiolepis rothneyi* Forel, 1894c: 415, by original designation.

Taxonomic history

[*Lepisiota* first available replacement name for *Acantholepis* Mayr, 1861 (junior homonym of *Acantholepis* Kroyer, 1846: 98 (Pisces)): Bolton, 1995b: 33.]

Lepisiota in Formicinae, Plagiolepidini: Bolton, 1994: 51; Bolton, 2003: 23.

[*Lepisiota* incorrectly as junior synonym of *Acanthomyrmex*: Brown, 1973b: 181; Snelling, R.R. 1981: 397. In both publications *Acanthomyrmex* is an error for *Acantholepis*.]

Junior homonym replaced by **LEPISIOTA**

Acantholepis Mayr, 1861: 42. Type-species: *Hypoclinea frauenfeldi* Mayr, 1855: 378, by monotypy.

Taxonomic history

[Junior homonym of *Acantholepis* Kroyer, 1846: 98 (Pisces)].

Acantholepis in Formicinae: Mayr, 1861: 42 [Formicinae]; Mayr, 1862: 652 [Formicidae]; Mayr, 1865: 9 [Formicidae].

Acantholepis in Camponotinae: Forel, 1878: 378 [Camponotidae]; Emery & Forel, 1879a: 453 [Camponotidae]; Dalla Torre, 1893: 171.

Acantholepis in Camponotinae, Plagiolepidini: Forel, 1886f: 212; Forel, 1893a: 165; Emery, 1895j: 771; Wheeler, W.M. 1910g: 143; Forel, 1912i: 88; Forel, 1917: 249; Arnold, 1920a: 554.

Acantholepis in Formicinae, Plagiolepidini: Ashmead, 1905b: 384; Wheeler, W.M. 1922a: 696; Emery, 1925b: 23; Santschi, 1926a: 15; all subsequent authors except the following.

Acantholepis in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Acantholepis as genus: all authors to Bolton, 1995b: 33.

[*Achantilepis*: incorrect subsequent spelling by Santschi, 1935b: 274.]

[*Pseudacantholepis* Bernard, 1953b: 256 (attributed to Santschi) [as subgenus of *Acantholepis*]. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Bernard (1953b) are all referable to *Lepisiota*: Bolton, 1995b: 44.]

Junior synonym of *LEPISIOTA*

Baroniurbania Pagliano & Scaramozzino, 1990: 4. Unnecessary replacement name for *Acantholepis* Mayr (junior homonym).

Taxonomic history

Baroniurbania as junior synonym of *Lepisiota*: Bolton, 1994: 51; Bolton, 2003: 102.

Baroniurbania as subgenus of *Lepisiota*: Dietrich, 2004: 324.

***Lepisiota* catalogues:** [References prior to Bolton, 1995b: 44, refer to genus as *Acantholepis*.] Roger, 1863b: 11; Mayr, 1863: 394; Emery & Forel, 1879: 453 (Europe); Dalla Torre, 1893: 171; Wheeler, W.M. 1922a: 934, 1036 (Afrotropical, Malagasy); Emery, 1925b: 23; Chapman & Capco, 1951: 209 (Asia); Bolton, 1995b: 226.

***Lepisiota* references:** [References prior to Bolton, 1995b: 44, refer to genus as *Acantholepis*.] Mayr, 1865: 9 (diagnosis); Forel, 1878: 378 (diagnosis); André, 1882b: 210 (Europe & Algeria species key); Forel, 1892a: 41 (all species key); Forel, 1894c: 411 (India & Sri Lanka species key); Bingham, 1903: 315 (India, Sri Lanka & Burma species key); Arnold, 1920a: 554 (diagnosis, South Africa species key); Wheeler, W.M. 1922a: 214 (diagnosis); Emery, 1925b: 23 (diagnosis); Kuznetsov-Ugamsky, 1929c: 480 (Turkestan species key); Finzi, 1936: 188 (Egypt species key); Collingwood, 1985: 292 (Saudi Arabia species key); Agosti & Collingwood, 1987b: 281 (Balkans species key); Atanasov & Dlussky, 1992: 205 (Bulgaria species key); Xu, 1994c: 232 (China species key); Arakelian, 1994: 80 (Armenia species key); Bolton, 1995a: 1050 (census); Wu, J. & Wang, 1995: 128 (China species key); Collingwood & Agosti, 1996: 363 (Saudi Arabia species key); Zhou, 2001b: 167 (China, Guangxi species key).

Genus **MYRMELACHISTA**

Myrmelachista Roger, 1863a: 162. Type-species: *Myrmelachista kraatzii* Roger, 1863a: 163, by monotypy.

Taxonomic history

Myrmelachista in Formicinae: Mayr, 1865: 10 [Formicidae].

Myrmelachista in Camponotinae: Forel, 1878: 367 [Camponotidae]; Dalla Torre, 1893: 174.

Myrmelachista in Camponotinae, Plagiolepidini: Forel, 1886f: 214; Forel, 1893a: 165; Forel, 1895b: 106; Emery, 1895j: 771; Forel, 1899c: 124; Wheeler, W.M. 1910g: 143.

Myrmelachista in Camponotinae, Myrmelachistini: Forel, 1912i: 89; Forel, 1917: 249.

Myrmelachista in Formicinae, Myrmelachistini: Wheeler, W.M. 1922a: 696; Emery, 1925b: 32; all subsequent authors except the following.

Myrmelachista in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Myrmelachista in Formicinae, Plagiolepidini: Ashmead, 1905b: 384; Bolton, 2003: 23, 103.

Myrmelachista as genus: all authors.

Junior synonyms of *MYRMELACHISTA*

Neaphomus Menozzi, 1935c: 324 [as subgenus of *Aphomomyrmex*]. Type-species: *Aphomomyrmex (Neaphomus) goetschi* Menozzi, 1935c: 324, by monotypy.

Taxonomic history

Neaphomus in Formicinae, Dimorphomyrmecini: Donisthorpe, 1943f: 673.

Neaphomus in Formicinae, Myrmelachistini: Kempf, 1972a: 152; Dlussky & Fedoseeva, 1988: 77.

Neaphomus as genus: Kempf, 1972a: 152; Dlussky & Fedoseeva, 1988: 77.

Neaphomus as junior synonym of *Myrmelachista*: Brown, 1973b: 183 [provisional]; Snelling & Hunt, 1976: 110; all subsequent authors except the above.

Hincksidris Donisthorpe, 1944b: 59 [as subgenus of *Myrmelachista*].

Taxonomic history

[Replacement name for *Decamera* Roger, 1863a: 166; junior homonym of *Decamera* Mulsant, 1842: 503 (Coleoptera).]

Hincksidris as junior synonym of *Myrmelachista*: Brown, 1973b: 181 [provisional]; Snelling & Hunt, 1976: 110; all subsequent authors.

Junior homonym replaced by *Hincksidris*

Decamera Roger, 1863a: 166. Type-species: *Decamera nigella* Roger, 1863a: 167, by monotypy.

Taxonomic history

[*Decamera* Roger junior homonym of *Decamera* Mulsant, 1842: 503 (Coleoptera).]

Decamera in Formicinae: Mayr, 1865: 10 [Formicidae].

Decamera in Camponotinae, Myrmelachistini: Forel, 1917: 249.

Decamera as junior synonym of *Myrmelachista*: Forel, 1878: 376; Mayr, 1887: 525; Dalla Torre, 1893: 174.

Decamera as subgenus of *Myrmelachista*: Forel, 1886f: 214; Forel, 1917: 249; Wheeler, W.M. 1922a: 696; Emery, 1925b: 32; Donisthorpe, 1943f: 637.

Myrmelachista catalogues: Roger, 1863b: 11; Mayr, 1863: 429; Dalla Torre, 1893: 174; Emery, 1925b: 31, 32 (*M. (Myrmelachista)*, *M. (Decamera)*); Kempf, 1972a: 147, 152 (*Myrmelachista*, *Neaphomus*); Smith, D.R. 1979: 1423 (North America); Bolton, 1995b: 275.

Myrmelachista references: Mayr, 1865: 10 (*Myrmelachista*, *Decamera* diagnoses); Forel, 1878: 376 (diagnosis); Mayr, 1887: 526 (species key); Forel, 1917: 249 (synoptic classification); Wheeler, W.M. 1922a: 696 (genera, subgenera key); Emery, 1925b: 31 (diagnosis); Emery, 1925b: 32 (*M. (Decamera)* diagnosis); Wheeler, W.M. 1934g: 188 (*M. (Myrmelachista)* species key); Alayo, 1974: 26 (Cuba species key); Snelling & Hunt, 1976: 110 (Chile species key); Wheeler, G.C. & Wheeler, J. 1976b: 65 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 18 (synoptic classification); Bolton, 1995a: 1051 (census); Longino, 2006a: 10 (Costa Rica species keys).

Genus **NYLANDERIA**

Nylanderia Emery, 1906b: 133 [as subgenus of *Prenolepis*]. Type-species: *Formica vividula* Nylander, 1846a: 900, by original designation.

Taxonomic history

Nylanderia in Camponotinae, Formicini: Wheeler, W.M. 1910g: 143.

Nylanderia in Camponotinae, Prenolepidini: Forel, 1917: 249.

Nylanderia in Formicinae, Prenolepidini: Wheeler, W.M. 1922a: 697; Chapman & Capco, 1951: 214.

Nylanderia in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 676.

Nylanderia in Formicinae, Lasiini: Kempf, 1972a: 166.

Nylanderia in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 126.

Nylanderia as subgenus of *Prenolepis*: Emery, 1906b: 133; Wheeler, W.M. 1910g: 143; Forel, 1917: 249; Wheeler, W.M. 1922a: 697.

Nylanderia as subgenus of *Paratrechina*: Emery, 1925b: 217; Creighton, 1950a: 405; Smith, D.R. 1979: 1443.

Nylanderia as junior synonym of *Paratrechina*: Brown, 1973b: 183 [provisional]; Trager, 1984b: 51.

Nylanderia as genus: Wheeler, W.M. 1936b: 210; Donisthorpe, 1943f: 676; Chapman & Capco, 1951: 214; Kempf, 1972a: 166; LaPolla, Brady & Shattuck, 2010a: 126.

Junior synonym of **NYLANDERIA**

Andragnathus Emery, 1922d: 111. Type-species: *Andragnathus hubrechti* Emery, 1922d: 111, by monotypy.

Taxonomic history

Andragnathus in Formicinae, Lasiini: Emery, 1925b: 224.

Andragnathus in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 622.

Andragnathus in Formicinae, Formicini: Chapman & Capco, 1951: 197.

Andragnathus in Formicinae, Myrmelachistini: Wheeler, G.C. & Wheeler, J. 1985: 258.

Andragnathus as junior synonym of *Paratrechina*: Agosti & Bolton, 1990a: 75; Bolton, 2003: 104.

Andragnathus as junior synonym of *Nylanderia*: LaPolla, Brady & Shattuck, 2010a: 126.

***Nylanderia* catalogues:** Dalla Torre, 1893: 177 (as part of *Prenolepis*); Wheeler, W.M. 1922a: 941, 1037 (Afrotropical, Malagasy *Paratrechina* (*Nylanderia*)); Emery, 1925b: 217 (*Paratrechina* (*Nylanderia*)); Chapman & Capco, 1951: 197, 214 (Asia *Andragnathus*, *Nylanderia*); Smith, M.R. 1951a: 848 (North America *Paratrechina* (*Nylanderia*)); Kempf, 1972a: 166 (Neotropical); Smith, D.R. 1979: 1443 (North America *Paratrechina* (*Nylanderia*)); Taylor & Brown, D.R. 1985: 129 (Australia, as part of *Paratrechina*); Taylor, 1987a: 52 (Australia, New Caledonia & New Zealand, as part of *Paratrechina*); Brandão, 1991: 365 (Neotropical, as part of *Paratrechina*); Bolton, 1995b: 312 (as part of *Paratrechina*).

***Nylanderia* references:** [For references prior to 2010, see also under *Paratrechina*.] Emery, 1925b: 217, 224 (*Paratrechina* (*Nylanderia*), *Andragnathus* diagnoses); LaPolla, Brady & Shattuck, 2010a: 126 (diagnosis, status, synopsis); LaPolla, Brady & Shattuck, 2011: 4 (diagnosis, phylogeny, notes); LaPolla, Hawkes & Fisher, 2011: 13 (**Afrotropical species revision, key**); Kallal & LaPolla, 2012: 7 (**Nearctic species revision, key**); Sarnat & Economo, 2012: 64 (Fiji Is species key).

Genus **PARAPARATRECHINA**

Paraparatrechina Donisthorpe, 1947d: 192 [as subgenus of *Paratrechina*]. Type-species: *Paratrechina (Paraparatrechina) pallida* Donisthorpe, 1947d: 192, by monotypy.

Taxonomic history

Paraparatrechina in Acanthomyopsini: Donisthorpe, 1947d: 192.

Paraparatrechina in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 127.

Paraparatrechina as junior synonym of *Paratrechina*: Brown, 1973b: 183 [provisional]; Trager, 1984b: 58.

Paraparatrechina as genus: LaPolla, Brady & Shattuck, 2010a: 128.

***Paraparatrechina* catalogue:** Bolton, 1995b: 312 (as part of *Paratrechina*).

Paraparatrechina references: [For references prior to 2010 see under *Paratrechina*.] LaPolla, Brady & Shattuck, 2010a: 128 (diagnosis, status, synopsis); LaPolla, Cheng & Fisher, 2010: 3 (**Afrotropical and Malagasy species revision, key**); LaPolla & Fisher, 2014: 141 (**Afrotropical and Malagasy species key**).

Genus **PARATRECHINA**

Paratrechina Motschoulsky, 1863: 13. Type-species: *Paratrechina currans* Motschoulsky, 1863: 14 (junior synonym of *Formica longicornis* Latreille, 1802c: 113), by subsequent designation of Wheeler, W.M. 1911f: 170.

Taxonomic history

Paratrechina in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 682.

Paratrechina in Formicinae, Prenolepidini: Chapman & Capco, 1951: 218; Hölldobler & Wilson, 1990: 18.

Paratrechina in Formicinae, Myrmelachistinini: Wheeler, G.C. & Wheeler, J. 1970: 652; Wheeler, G.C. & Wheeler, J. 1976b: 101.

Paratrechina in Formicinae, Brachymyrmecini: Wheeler, G.C. & Wheeler, J. 1985: 258.

Paratrechina in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Paratrechina in Formicinae, Lasiini: Emery, 1925b: 216; Stitz, 1939: 379; Bernard, 1953b: 257; Kempf, 1972a: 182; Smith, D.R. 1979: 1442; Dlussky & Fedoseeva, 1988: 77; Jaffe, 1993: 14; Bolton, 1994: 50.

Paratrechina in Formicinae, Plagiolepidini: Bolton, 2003: 23, 104.

Paratrechina in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 128.

Paratrechina as junior synonym of *Prenolepis*: Dalla Torre, 1893: 177; Wheeler, W.M. 1922a: 940.

Paratrechina as genus: Emery, 1925b: 216; all subsequent authors.

Paratrechina catalogues: Dalla Torre, 1893: 177 (as part of *Prenolepis*); Emery, 1925b: 216; Chapman & Capco, 1951: 218 (Asia); Kempf, 1972a: 182 (Neotropical); Smith, D.R. 1979: 1442 (North America); Taylor & Brown, D.R. 1985: 129 (Australia); Bolton, 1995b: 312.

Paratrechina references: [References prior to 2010 also include *Nylanderia* and *Paraparatrechina*.] André, 1882b: 203 (Europe & Algeria species key); Forel, 1894c: 406 (India & Sri Lanka species key); Emery, 1925b: 216 (diagnosis); Finzi, 1936: 191 (Egypt species key); Buren, 1944a: 295 (U.S.A., Iowa species key); Creighton, 1950a: 404 (**Nearctic species key**); Kusnezov, 1956: 32 (Argentina species key); Bernard, 1967: 347 (diagnosis, Western Europe species key); Alayo, 1974: 26 (Cuba species key); Arnol'di & Dlussky, 1978: 556 (former European U.S.S.R. species key); Trager, 1984b: 65 (**Nearctic species revision, key**); Wheeler, G.C. & Wheeler, J. 1986g: 64 (U.S.A., Nevada species key); Collingwood, 1985: 298 (Saudi Arabia species key); Morisita, Kubota, *et al.* 1991: 20 (Japan species key); Bolton, 1995a: 1051 (census); Wu, J. & Wang, 1995: 150 (China species key); Collingwood & Agosti, 1996: 369 (Saudi Arabia species key); Terayama, 1999c: 50 (Japan species key); Shattuck, 1999:

104 (Australia synopsis); Zhou, 2001b: 177 (China, Guangxi species key); Mackay & Mackay, 2002: 354 (U.S.A., New Mexico species key); Terayama, 2009: 210 (Taiwan species key); Heterick, 2009: 104 (south-western Australia species key); LaPolla, Brady & Shattuck, 2010a: 127 (diagnosis, synopsis); LaPolla, Hawkes & Fisher, 2013: 75 (**all species key**).

Genus **PETALOMYRMEX**

Petalomyrmex Snelling, R.R. 1979b: 5. Type-species: *Petalomyrmex phylax* Snelling, R.R. 1979b: 5, by original designation.

Taxonomic history

Petalomyrmex in Formicinae, Myrmelachistini: Hölldobler & Wilson, 1990: 18.

Petalomyrmex in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Petalomyrmex in Formicinae, Brachymyrmecini: Wheeler, G.C. & Wheeler, J. 1985: 258; Bolton, 1994: 50.

Petalomyrmex in Formicinae, Plagiolepidini: Bolton, 2003: 23, 104.

Petalomyrmex as genus: all authors.

Petalomyrmex catalogue: Bolton, 1995b: 316.

Genus **PLAGIOLEPIS**

Plagiolepis Mayr, 1861: 42. Type-species: *Formica pygmaea* Latreille, 1798: 45, by monotypy.

Taxonomic history

Plagiolepis in Formicinae: Mayr, 1861: 42 [Formicinae]; Mayr, 1862: 652 [Formicidae]; Mayr, 1865: 7 [Formicidae]; Mayr, 1868c: 36 [Formicidae].

Plagiolepis in Camponotinae: Forel, 1878: 378 [Camponotidae]; Emery & Forel, 1879a: 453 [Camponotidae]; Dalla Torre, 1893: 172.

Plagiolepis in Camponotinae, Plagiolepidini: Forel, 1886f: 212; Forel, 1893a: 165; Emery, 1895j: 771; Wheeler, W.M. 1910g: 143; Forel, 1912i: 88; Wheeler, W.M. 1915h: 100; Forel, 1917: 249; Arnold, 1920a: 578.

Plagiolepis in Formicinae, Plagiolepidini: Ashmead, 1905b: 384; Bondroit, 1918: 18; Wheeler, W.M. 1922a: 696; Emery, 1925b: 19; Santschi, 1926a: 14; all subsequent authors except the one below; Bolton, 2003: 23, 105.

Plagiolepis in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Plagiolepis as genus: all authors.

Junior synonyms of **PLAGIOLEPIS**

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

Taxonomic history

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

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

**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.

**Rhopalomyrmex* as genus: all authors to the following.

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

Anacantholepis Santschi, 1914e: 36 [as subgenus of *Plagiolepis*]. Type-species: *Plagiolepis (Anacantholepis) decora* Santschi, 1914e: 36, by original designation.

Taxonomic history

Anacantholepis as genus: Chapman & Capco, 1951: 212.

Anacantholepis as subgenus of *Plagiolepis*: Santschi, 1914e: 36 Forel, 1917: 249; Arnold, 1922: 581; Wheeler, W.M. 1922a: 696; Emery, 1925b: 22; Bolton, 1994: 51.

Anacantholepis as junior synonym of *Plagiolepis*: Brown, 1973b: 178 [provisional]; Bolton, 2003: 105, 268.

Aporomyrmex Faber, 1969: 52. Type-species: *Aporomyrmex ampeloni* Faber, 1969: 54, by original designation.

Taxonomic history

Aporomyrmex in Formicinae, Plagiolepidini: Faber, 1969: 52 (by implication).

Aporomyrmex as junior synonym of *Plagiolepis*: Brown, 1973b: 178 [provisional]; Bolton, 1994: 51; all subsequent authors.

Paraplagiolepis Faber, 1969: 65 [as subgenus of *Plagiolepis*]. Type-species: *Plagiolepis xene* Stärcke, 1936: 279, by monotypy.

Taxonomic history

Paraplagiolepis as junior synonym of *Plagiolepis*: Brown, 1973b: 183 [provisional]; Bolton, 1994: 51; all subsequent authors.

Plagiolepis catalogues: Roger, 1863b: 11; Mayr, 1863: 442; Emery & Forel, 1879: 453 (Europe); Dalla Torre, 1893: 172, 175 (*Plagiolepis*, **Rhopalomyrmex*); Wheeler, W.M. 1922a: 928, 930, 1035 (Afrotropical *P.* (*Plagiolepis*), *P.* (*Anacantholepis*), Malagasy); Emery, 1925b: 19, 22 (*P.* (*Plagiolepis*)), *P.* (*Anacantholepis*)); Chapman & Capco, 1951: 212, 213 (Asia *Anacantholepis*, *Plagiolepis*); Kempf, 1972a: 205 (Neotropical); Smith, D.R. 1979: 1422 (North America); Taylor & Brown, D.R. 1985: 130 (Australia); Taylor, 1987a: 55 (Australia, New Caledonia); Bolton, 1995b: 334.

Plagiolepis references: Mayr, 1865: 7 (diagnosis); Mayr, 1867a: 73 (diagnosis); Forel, 1878: 376, 378 (**Rhopalomyrmex*, *Plagiolepis* diagnoses); André, 1882b: 208 (Europe & Algeria species key); Forel, 1894c: 414 (India & Sri Lanka species key); Bingham, 1903: 320 (India, Sri Lanka & Burma species key); Arnold, 1920a: 578 (diagnosis, subgenera key); Arnold, 1922: 579 (South Africa species key); Wheeler, W.M. 1922a: 211, 696 (diagnosis, subgenera key); Emery, 1925b: 19, 22 (*P.* (*Plagiolepis*)), *P.* (*Anacantholepis*) diagnoses); Stitz, 1939: 231 (Germany species key); Kratochvíl, 1941: 98 (Central Europe species key); Novák & Sadil, 1941: 98 (Central Europe species key); Bernard, 1967: 272 (diagnosis, Western Europe species key); Kutter, 1977c: 185 (Switzerland species key); Collingwood, 1978: 89 (Iberian Peninsula species key); Gösswald, 1985: 264 (Germany species key); Collingwood, 1985: 297 (Saudi Arabia species key); Agosti & Collingwood, 1987b: 280 (Balkans species key); Radchenko, 1989b: 153 (European former U.S.S.R. species key); Dlussky, Soyunov & Zabelin, 1990: 161 (Turkmenistan species key); Morisita, Kubota, et al. 1991: 16 (Japan species key); Atanasov & Dlussky, 1992: 201 (Bulgaria species key); Arakelian, 1994: 78 (Armenia species key); Bolton, 1995a: 1052 (census); Wu, J. & Wang, 1995: 130 (China species key); Radchenko, 1996a: 178 (Central & Southern Palaearctic species key); Collingwood & Agosti, 1996: 362 (Saudi Arabia species key); Seifert, 1996b: 178 (Central Europe species key); Collingwood & Prince, 1998: 22 (Portugal species key); Shattuck, 1999: 106 (Australia synopsis); Seifert, 2007: 158 (North and Central Europe species key); Terayama, 2009: 213 (Taiwan species key); Heterick, 2009: 106 (south-western Australia species key); Dlussky, 2010: 72 (Eocene European amber species key); Sharaf, Aldawood & Taylor, 2011: 208 (Arabian Peninsula species key).

Genus **PRENOLEPIS**

Prenolepis Mayr, 1861: 52. Type-species: *Tapinoma nitens* Mayr, 1853a: 144, by subsequent designation of Bingham, 1903: 325.

Taxonomic history

[Type-species not *Formica imparis* Say, 1836: 287, unjustified subsequent designation by Emery, 1906b: 134, repeated in Wheeler, W.M. 1911f: 171 and Wheeler, W.M. 1922a: 940.]

Prenolepis in Formicinae: Mayr, 1861: 52 [Formicidae]; Mayr, 1862: 652 [Formicidae]; Mayr, 1865: 7 [Formicidae]; Mayr, 1868c: 32 [Formicidae].

Prenolepis in Camponotinae: Forel, 1878: 377 [Camponotidae]; Emery & Forel, 1879a: 453 [Camponotidae]; Dalla Torre, 1893: 177.

Prenolepis in Camponotinae, Camponotini: Forel, 1886f: 209.

Prenolepis in Camponotinae, Formicini: Forel, 1893a: 165; Forel, 1895b: 103; Emery, 1895j: 772; Forel, 1899c: 125; Wheeler, W.M. 1910g: 143.

Prenolepis in Formicinae, Plagiolepidini: Ashmead, 1905b: 384.

Prenolepis in Camponotinae, Prenolepidini: Forel, 1912i: 89; Wheeler, W.M. 1915h: 117; Forel, 1917: 249; Arnold, 1922: 605.

Prenolepis in Formicinae, Prenolepidini: Wheeler, W.M. 1922a: 697; Chapman & Capco, 1951: 219; Hölldobler & Wilson, 1990: 18.

Prenolepis in Formicinae, Acanthomyopsini: Donisthorpe, 1943f: 685.

Prenolepis in Formicinae, Brachymyrmecini: Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1976b: 101; Wheeler, G.C. & Wheeler, J. 1985: 258.

Prenolepis in Formicinae, Lasiini: Emery, 1925b: 224; Stitz, 1939: 379; Kempf, 1972a: 209; Smith, D.R. 1979: 1444; Dlussky & Fedoseeva, 1988: 77; Jaffe, 1993: 14; Bolton, 1994: 50.

Prenolepis in Formicinae, *Lasius* genus group: Agosti, 1991: 296.

Prenolepis in Formicinae, Plagiolepidini: Bolton, 2003: 23, 105.

Prenolepis in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 129.

Prenolepis as genus: all authors.

***Prenolepis* catalogues:** Roger, 1863b: 10; Mayr, 1863: 451; Emery & Forel, 1879: 453 (Europe); Cresson, 1887: 257 (U.S.A.); Dalla Torre, 1893: 177; Wheeler, W.M. 1922a: 940 (Afrotropical); Emery, 1925b: 224; Chapman & Capco, 1951: 219 (Asia); Smith, M.R. 1951a: 849 (North America); Kempf, 1972a: 209 (Neotropical); Smith, D.R. 1979: 1442 (North America); Bolton, 1995b: 363.

***Prenolepis* references:** Mayr, 1865: 7 (diagnosis); Mayr, 1867a: 71 (diagnosis); Mayr, 1870b: 947 (all species key); Forel, 1878: 377 (diagnosis); André, 1882b: 203 (Europe & Algeria species key); Bingham, 1903: 326 (India, Sri Lanka & Burma species key); Emery, 1910a: 127 (Palaearctic species key); Arnold, 1922: 605 (diagnosis); Wheeler, W.M. 1922a: 216, 69 (diagnosis, subgenera key); Emery, 1925b: 224 (diagnosis); Creighton, 1950a: 410 (Nearctic species review); Bolton, 1995a: 1052 (census); Wu, J. & Wang, 1995: 137 (China species key); Xu, 1995c: 338 (Southern & Eastern Asia species key); Fontenla Rizo, 2000: 81 (Antilles Is species key); Zhou, 2001b: 170 (China, Guangxi species key); Wang, W. & Wu, 2007: 721 (China species key); LaPolla, Brady & Shattuck, 2010a: 129 (diagnosis, synopsis).

Genus **PSEUDOLASIUS**

Pseudolasius Emery, 1887a: 244. Type-species: *Formica familiaris* Smith, F. 1860a: 68, by subsequent designation of Bingham, 1903: 337.

Taxonomic history

Pseudolasius in Camponotinae: Dalla Torre, 1893: 180.

Pseudolasius in Camponotinae, Formicini: Forel, 1893a: 165; Emery, 1895j: 772; Forel, 1912i: 89; Wheeler, W.M. 1910g: 143; Wheeler, W.M. 1915h: 133; Forel, 1917: 249.

Pseudolasius in Formicinae, Formicini: Wheeler, W.M. 1922a: 698; Chapman & Capco, 1951: 203; Wheeler, G.C. & Wheeler, J. 1985: 258.

Pseudolasius in Formicinae, Acanthomyopsini: Donisthorpe, 1943g: 722.

Pseudolasius in Formicinae, Lasiini: Emery, 1925b: 214; all subsequent authors except the post-1925 entries above and below; Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50.

Pseudolasius in Formicinae, *Pseudolasius* genus group: Agosti, 1991: 296.

Pseudolasius in Formicinae, Plagiolepidini: Bolton, 2003: 23, 106.

Pseudolasius in Formicinae, *Prenolepis* genus group: LaPolla, Brady & Shattuck, 2010a: 129.

Pseudolasius as genus: all authors.

Junior synonym of *PSEUDOLASIUS*

Nesolasius Wheeler, W.M. 1935b: 50 [as subgenus of *Pseudolasius*]. Type-species: *Pseudolasius (Nesolasius) typhlops* Wheeler, W.M. 1935b: 50, by original designation.

Taxonomic history

Nesolasius as junior synonym of *Pseudolasius*: Brown, 1973b: 183 [provisional]; Bolton, 1994: 50; all subsequent authors.

***Pseudolasius* catalogues:** Dalla Torre, 1893: 180; Wheeler, W.M. 1922a: 943 (Afrotropical); Emery, 1925b: 214; Chapman & Capco, 1951: 203 (Asia); Taylor & Brown, D.R. 1985: 144 (Australia); Taylor, 1987a: 66 (Australia); Bolton, 1995b: 369.

***Pseudolasius* references:** Bingham, 1903: 337 (diagnosis); Emery, 1911a: 214 (all species key); Wheeler, W.M. 1922a: 218 (diagnosis); Emery, 1925b: 214 (diagnosis); Menozzi, 1924b: 226 (Afrotropical species key); Agosti, 1991: 296 (*Pseudolasius* genus group diagnosis); Bolton, 1995a: 1052 (census); Wu, J. & Wang, 1995: 134 (China species key); Xu, 1997: 2 (China species key); Shattuck, 1999: 112 (Australia synopsis); Zhou, 2001b: 184 (China, Guangxi species key); LaPolla, 2004b: 97 (Afrotropical species key); LaPolla, Brady & Shattuck, 2010a: 129 (diagnosis).

Genus *TAPINOLEPIS*

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.

Tapinolepis as junior synonym of *Anoplolepis*: Brown, 1973b: 185 [provisional].

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

Junior synonym of TAPINOLEPIS

Mesanoplolepis Santschi, 1926a: 14 [as subgenus of *Anoplolepis*]. Type-species: *Plagiolepis simulans* Santschi, 1908: 531, by original designation.

Taxonomic history

Mesanoplolepis as junior synonym of *Anoplolepis*: Brown, 1973b: 182 [provisional].

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

***Tapinolepis* catalogues:** Bolton, 1995b: 66 (as part of *Anopolepis*); Bolton, 2003: 368 (list of species).

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

Genus ZATANIA

Zatania LaPolla, Kallal & Brady, 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, Kallal & Brady, 2012: 204.

Zatania as genus: all authors.

***Zatania* references:** LaPolla, Kallal & Brady, 2012: 206 (diagnosis, **all species key**).

Tribe MYRMOTERATINI

Myrmoteratii Emery, 1895j: 772. Type-genus: *Myrmoteras* Forel, 1893f: 607.

Taxonomic history

Myrmoteratini as tribe of Camponotinae: Emery, 1895j: 772 [Myrmoteratii]; Ruzsky, 1905b: 110 [Mymoteratii]; Wheeler, W.M. 1910g: 143 [Myrmoteratii].

Myrmoteratini as tribe of Gesomyrmicinae: Ashmead, 1905b: 384.

Myrmoteratini as tribe of Formicinae: Wheeler, W.M. 1922a: 692; Emery, 1925b: 36; all subsequent authors.

Junior synonym of MYRMOTERATINI

Myrmoteratini Forel, 1912i: 88. Type-genus: *Myrmoteras* Forel, 1893f: 607.

Taxonomic history

Myrmoteratini as tribe of Camponotinae: Forel, 1912i: 88; Forel, 1917: 248.

Myrmoteratini as junior homonym and junior synonym of Myrmoteratini Emery: Bolton, 1995b: 13.

Genus of Myrmoteratini: *Myrmoteras*.

Genus *MYRMOTERAS*

Myrmoteras Forel, 1893f: 607. Type-species: *Myrmoteras binghamii* Forel, 1893f: 608, by monotypy.

Taxonomic history

[*Myrmoteras* also described as new by Forel, 1894c: 418.]

Myrmoteras in Camponotinae: Forel, 1894c: 420.

Myrmoteras in Camponotinae, Myrmoteratini: Emery, 1895j: 772; Wheeler, W.M. 1910g: 143; Forel, 1917: 248.

Myrmoteras in Gesomyrmicinae, Myrmoteratini: Ashmead, 1905b: 384.

Myrmoteras in Formicinae, Myrmoteratini: Wheeler, W.M. 1922a: 694; Emery, 1925b: 36; all subsequent authors except the following.

Myrmoteras in Formicinae, *Oecophylla* genus group: Agosti, 1991: 295.

Myrmoteras as genus: all authors.

Subgenera of *MYRMOTERAS* include the nominal plus the following.

Subgenus *MYRMOTERAS (MYAGROTERAS)*

Myagroteras Moffett, 1985b: 31 [as subgenus of *Myrmoteras*]. Type-species: *Myrmoteras donisthorpei* Wheeler, W.M. 1916b: 14, by original designation.

***Myrmoteras* catalogues:** Emery, 1925b: 36; Chapman & Capco, 1951: 209 (Asia); Bolton, 1995b: 287.

Myrmoteras references: Bingham, 1903: 313 (diagnosis); Emery, 1925b: 36 (diagnosis); Creighton, 1930a: 184 (all species key); Wheeler, W.M. 1933e: 75 (all species key); Gregg, 1954: 25 (**all species key**); Moffett, 1985b: 17 (diagnosis, **all species revision, key**); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Agosti, 1992: 405 (diagnosis, review of genus, **Malesian species key**); Bolton, 1995a: 1051 (census); Bolton, 2003: 23, 107 (diagnosis, synopsis); Zettel & Sorger, 2011: 62 (Philippines species key); Bui, et al. 2013: 545 (Indo-Chinese Peninsula species key).

Tribe GESOMYRMECINI

Gesomyrmicinae Ashmead, 1905b: 384. Type-genus: *Gesomyrmex* Mayr, 1868c: 50.

Taxonomic history

Gesomyrmecini as subfamily of Formicidae: Ashmead, 1905b: 384 [Gesomyrmicinae].

Gesomyrmecini as tribe of Formicinae: Wheeler, G.C. & Wheeler, J. 1976b: 62; Wheeler, G.C. & Wheeler, J. 1985: 258; Bolton, 1994: 50; Bolton, 2003: 23, 107.

Junior synonyms of GESOMYRMECINI

Dimorphomyrmii Emery, 1895j: 772. Type-genus: *Dimorphomyrmex* André, 1892b: 49 (junior synonym of *Gesomyrmex* Mayr, 1868c: 50).

Taxonomic history

Dimorphomyrmii as tribe of Camponotinae: Emery, 1895j: 772; Ruzsky, 1905b: 110; Wheeler, W.M. 1910g: 143; Forel, 1917: 232 [Dimorphomyrmicini].

Dimorphomyrmii as tribe of Formicinae: Wheeler, W.M. 1922a: 693 [Dimorphomyrmicini]; Emery, 1925b: 39 [Dimorphomyrmicini incorrectly as senior synonym of Gesomyrmecini]; Engel & Grimaldi, 2005: 4 [Dimorphomyrmecini incorrectly as senior synonym of Gesomyrmecini. The latter retains priority over Dimorphomyrmii under Article 40.2 of the International Code of Zoological Nomenclature (4th Edition), 1999: 46.]

Dimorphomyrmii as junior synonym of Gesomyrmecini: Wheeler, W.M. 1929a: 12; all subsequent authors except the above; Bolton, 2003: 108.

Gesomyrmini Forel, 1912i: 89 (diagnosis in key). Type-genus: *Gesomyrmex* Mayr, 1868c: 50.

Taxonomic history

Gesomyrmini as tribe of Camponotinae: Forel, 1912i: 89; Wheeler, W.M. 1915h: 107; Forel, 1917: 249 [Gesomyrmicini]; Wheeler, W.M. 1922a: 693 [Gesomyrmicini].

Gesomyrmini as tribe of Formicinae: Chapman & Capco, 1951: 208 [Gesomyrmicini]; Dlussky & Fedoseeva, 1988: 77 [Gesomyrmini].

Gesomyrmini as junior synonym of Gesomyrmecini Ashmead: Bolton, 1994: 50.

Santschiellini Forel, 1917: 232. Type-genus: *Santschiella* Forel, 1916: 434.

Taxonomic history

Santschiellini as tribe of Camponotinae: Forel, 1917: 232.

Santschiellini as tribe of Formicinae: Wheeler, W.M. 1922a: 692; Emery, 1925b: 48; all subsequent authors to the following.

Santschiellini as junior synonym of Gesomyrmecini: Bolton, 2003: 23, 108.

***Sicelomyrmicini** Wheeler, W.M. 1929a: 12. Type-genus: **Sicilomyrmex* Wheeler, W.M. 1915h: 111.

Taxonomic history

*Sicelomyrmicini as tribe of Formicinae: Wheeler, W.M. 1929a: 12; Brown & Carpenter, 1979: 423 [**Sicilomyrmecini*]; Bolton, 1994: 51.

*Sicelomyrmicini as junior synonym of Gesomyrmecini: Bolton, 2003: 23, 108.

Gesomyrmecini references: Emery, 1925b: 39 (diagnosis, genera key); Bolton, 1994: 50 (synoptic classification); Bolton, 2003: 23, 107 (diagnosis, synopsis).

Genera (extant) of Gesomyrmecini: *Gesomyrmex*, *Santschiella*.

Genus (extinct) of Gesomyrmecini: **Sicilomyrmex*.

Genus *incertae sedis* in Gesomyrmecini: **Prodromorphomyrmex*.

Genera of Gesomyrmecini

Genus **GESOMYRMEX**

Gesomyrmex Mayr, 1868c: 50. Type-species: **Gesomyrmex hoernesii* Mayr, 1868c: 52, by monotypy.

Taxonomic history

Gesomyrmex in Formicinae: Mayr, 1868c: 50 [Formicidae].

Gesomyrmex in Camponotinae: Forel, 1878: 367 [Camponotidae]; Dalla Torre, 1893: 175.

Gesomyrmex in Camponotinae, Camponotini: Forel, 1893a: 165.

Gesomyrmex in Camponotinae, Oecophyllini: Emery, 1895j: 772; Wheeler, W.M. 1910g: 143.

Gesomyrmex in Gesomyrmicinae, Gesomyrmecini: Ashmead, 1905b: 384.

Gesomyrmex in Camponotinae, *Gesomyrmecini*: Forel, 1912i: 89; Wheeler, W.M. 1915h: 107; Forel, 1917: 249.

Gesomyrmex in Formicinae, *Dimorphomyrmecini*: Emery, 1925b: 47; Donisthorpe, 1943f: 647.

Gesomyrmex in Formicinae, *Gesomyrmecini*: Wheeler, W.M. 1922a: 697; Wheeler, W.M. 1929a: 12; all subsequent authors except below; Bolton, 1994: 50; Bolton, 2003: 24, 108.

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

Gesomyrmex as genus: all authors.

[*Gaesomyrmex* Dalla Torre, 1893: 175, unjustified emendation of *Gesomyrmex*. *Gaesomyrmex* as junior synonym of *Gesomyrmex*: Forel, 1893a: 167.]

Junior synonym of GESOMYRMEX

Dimorphomyrmex André, 1892b: 49. Type-species: *Dimorphomyrmex janeti* André, 1892b: 51 (junior synonym of *Gesomyrmex chaperi* André, 1892b: 47), by monotypy.

Taxonomic history

Dimorphomyrmex in Camponotinae: Dalla Torre, 1893: 176.

Dimorphomyrmex in Camponotinae, Camponotini: Forel, 1893a: 165.

Dimorphomyrmex in Camponotinae, *Dimorphomyrmecini*: Emery, 1895j: 772; Wheeler, W.M. 1910g: 143; Forel, 1917: 248.

Dimorphomyrmex in Gesomyrmecinae, *Gesomyrmecini*: Ashmead, 1905b: 384.

Dimorphomyrmex in Camponotinae, *Gesomyrmecini*: Forel, 1912i: 89.

Dimorphomyrmex in Camponotinae, Oecophyllini: Wheeler, W.M. 1915h: 104.

Dimorphomyrmex in Formicinae, *Dimorphomyrmecini*: Wheeler, W.M. 1922a: 694; Emery, 1925b: 46; Donisthorpe, 1943f: 639.

Dimorphomyrmex as genus: all authors to the following.

Dimorphomyrmex as junior synonym of *Gesomyrmex*: Wheeler, W.M. 1929a: 1; all subsequent authors.

***Gesomyrmex* catalogues:** Dalla Torre, 1893: 175, 176 (*Gesomyrmex*, *Dimorphomyrmex*); Emery, 1925b: 46, 47 (*Dimorphomyrmex*, *Gesomyrmex*); Wheeler, W.M. 1929a: 10; Chapman & Capco, 1951: 208 (Asia); Bolton, 1995b: 207.

***Gesomyrmex* references:** Forel, 1878: 376 (diagnosis); Emery, 1925b: 46, 47 (*Dimorphomyrmex*, *Gesomyrmex* diagnoses); Cole, 1949: 76 (all species key); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 62 (larvae, review & synthesis); Dlussky, Wappler &

Wedmann, 2009: 5, 13 (diagnosis of genus, queens key); Dlussky & Putyatina, 2014: 250 (diagnosis, compression fossils).

Genus **SANTSCHIELLA**

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, Santschiellini: Wheeler, W.M. 1922a: 694, 928; Emery, 1925b: 48; subsequent authors to the following.

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

Santschiella as genus: all authors.

Santschiella catalogues: Emery, 1925b: 48; Bolton, 1995b: 382.

Santschiella references: Emery, 1925b: 48 (diagnosis).

Genus ***SICLOMYRMEX**

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

Taxonomic history

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

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

Sicilomyrmex in Formicinae, **Sicilomyrmecini*: Wheeler, W.M. 1929a: 12; Brown & Carpenter, 1979: 423; Bolton, 1994: 51.

**Sicilomyrmex* in Formicinae, Gesomyrmecini: Donisthorpe, 1943g: 725; Dlussky & Fedoseeva, 1988: 77; Bolton, 2003: 24, 109.

**Sicilomyrmex* as genus: all authors.

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

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

Genus *incertae sedis* in Gesomyrmecini

Genus *PRODIMORPHOMYRMEX

**Prodromorphomyrmex* Wheeler, W.M. 1915h: 111. Type-species: **Prodromorphomyrmex primigenius* Wheeler, W.M. 1915h: 112, by monotypy.

Taxonomic history

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

**Prodromorphomyrmex* in Formicinae, Brachymyrmecini: Wheeler, W.M. 1929a: 12.

**Prodromorphomyrmex* in Formicinae, Gesomyrmecini: Donisthorpe, 1943f: 687; Dlussky & Fedoseeva, 1988: 77 [Gesomyrmini]; Bolton, 1994: 50; Bolton, 2003: 24, 109 (*incertae sedis*).

**Prodromorphomyrmex* as genus: all authors.

Tribe MYRMECORHYNCHINI

Myrmecorhynchini Wheeler, W.M. 1917f: 19. Type-genus: *Myrmecorhynchus* André, 1896b: 253.

Taxonomic history

Myrmecorhynchini (emended spelling): Emery, 1925b: 35.

Myrmecorhynchini as tribe of Camponotinae: Wheeler, W.M. 1917f: 19 [Myrmecorhynchini].

Myrmecorhynchini as junior synonym of Melophorini: Wheeler, W.M. 1935c: 69 (in text); Brown, 1955d: 471; Bolton, 1994: 50.

Myrmecorhynchini as tribe of Formicinae: Emery, 1925b: 35; Wheeler, G.C. & Wheeler, J. 1970: 651; Wheeler, G.C. & Wheeler, J. 1976b: 64; Wheeler, G.C. & Wheeler, J. 1985: 258; Hölldobler & Wilson, 1990: 17; Bolton, 2003: 24, 109.

Myrmecorhynchini references: Emery, 1925b: 35 (diagnosis, catalogue); Wheeler, W.M. 1922a: 694 (genera key, as part of Melophorini); Brown, 1955d: 471 (review of tribe, as part of Melophorini); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 64 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 17 (synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 2003: 24, 109 (diagnosis, synopsis).

Genera of Myrmecorhynchini: *Myrmecorhynchus*, *Notoncus*, *Pseudonotoncus*.

Genera of Myrmecorhynchini

Genus MYRMECORHYNCHUS

Myrmecorhynchus André, 1896b: 253. Type-species: *Myrmecorhynchus emeryi* André, 1896b: 254, by monotypy.

Taxonomic history

Myrmecorhynchus in Camponotinae, Camponotini: Wheeler, W.M. 1910g: 144.

Myrmecorhynchus in Camponotinae, Oecophyllini: Forel, 1912i: 89; Forel, 1917: 250.

Myrmecorhynchus in Camponotinae, Myrmecorhynchini: Wheeler, W.M. 1917f: 19.

Myrmecorhynchus in Formicinae, Myrmecorhynchini: Emery, 1925b: 35; Wheeler, G.C. & Wheeler, J. 1985: 258.

Myrmecorhynchus in Formicinae, Melophorini: Wheeler, W.M. 1922a: 694; Wheeler, W.M. 1935c: 71; all subsequent authors except the following.

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

Myrmecorhynchus in Formicinae, Myrmecorhynchini: Bolton, 2003: 24, 109.

Myrmecorhynchus as genus: all authors.

***Myrmecorhynchus* catalogues:** Emery, 1925b: 35; Taylor & Brown, D.R. 1985: 125; Taylor, 1987a: 47; Bolton, 1995b: 275.

***Myrmecorhynchus* references:** Wheeler, W.M. 1917f: 15 (diagnosis, review of genus); Emery, 1925b: 35 (diagnosis); Shattuck, 1999: 97 (synopsis).

Genus **NOTONCUS**

Notoncus Emery, 1895g: 352. Type-species: *Camponotus ectatommoides* Forel, 1892c: 333, by original designation.

Taxonomic history

Notoncus in Camponotinae, Plagiolepidini: Emery, 1895j: 772; Wheeler, W.M. 1910g: 143.

Notoncus in Formicinae, Plagiolepidini: Ashmead, 1905b: 384.

Notoncus in Camponotinae, Melophorini: Forel, 1912i: 88; Forel, 1917: 248.

Notoncus in Formicinae, Melophorini: Wheeler, W.M. 1922a: 694; Emery, 1925b: 14; Wheeler, W.M. 1935c: 71; Donisthorpe, 1943f: 675; Brown, 1955d: 477 all subsequent authors except the following.

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

Notoncus in Formicinae, Myrmecorhynchini: Bolton, 2003: 24, 110.

Notoncus as genus: all authors.

Junior synonym of *NOTONCUS*

Diodontolepis Wheeler, W.M. 1920: 53. Type-species: *Melophorus spinisquamis* André, 1896b: 254, by original designation.

Taxonomic history

Diodontolepis in Formicinae, Melophorini: Wheeler, W.M. 1922a: 694; Emery, 1925b: 11; Wheeler, W.M. 1935c: 71; all subsequent authors.

Diodontolepis as junior synonym of *Melophorus*: Emery, 1925b: 11.

Diodontolepis as genus: Wheeler, W.M. 1920: 53; Wheeler, W.M. 1935c: 71; Donisthorpe, 1943f: 639; Wheeler, G.C. & Wheeler, J. 1985: 258.

Diodontolepis as junior synonym of *Notoncus*: Brown, 1955d: 477; Taylor & Brown, D.R. 1985: 125; Taylor, 1987a: 47; Taylor, 1992a: 61; Bolton, 1994: 50.

***Notoncus* catalogues:** Emery, 1925b: 14; Taylor & Brown, D.R. 1985: 125; Taylor, 1987a: 47; Bolton, 1995b: 292.

***Notoncus* references:** Emery, 1925b: 14 (diagnosis); Brown, 1955d: 477 (**all species revision, key**); Taylor, 1992a: 61 (review, partial key); Shattuck, 1999: 99 (Australia synopsis); Heterick, 2009: 103 (south-western Australia species key).

Genus *PSEUDONOTONCUS*

Pseudonotoncus Clark, 1934c: 64. Type-species: *Pseudonotoncus hirsutus* Clark, 1934c: 65, by original designation.

Taxonomic history

Pseudonotoncus in Formicinae, Melophorini: Wheeler, W.M. 1935c: 71; all subsequent authors except the following.

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

Pseudonotoncus in Formicinae, Myrmecorhynchini: Bolton, 2003: 24, 110.

Pseudonotoncus as genus: all authors.

***Pseudonotoncus* catalogues:** Taylor & Brown, D.R. 1985: 144; Taylor, 1987a: 66; Bolton, 1995b: 377.

***Pseudonotoncus* references:** Shattuck, 1999: 113 (synopsis); Shattuck & O'Reilly, 2013: 289 (**all species revision, key**).

Tribe OECOPHYLLINI

Oecophyllii Emery, 1895j: 772. Type-genus: *Oecophylla* Smith, F. 1860b: 101.

Taxonomic history

Oecophyllini as tribe of Camponotinae: Emery, 1895j: 772 [Oecophyllii]; Ruzsky, 1905b: 110 [Oecophyllii]; Wheeler, W.M. 1910g: 143 [Oecophyllii]; Ashmead, 1905b: 384; Wheeler, W.M. 1915h: 100; Arnold, 1922: 608.

Oecophyllini as tribe of Formicinae: Wheeler, W.M. 1922a: 693; Emery, 1925b: 49; all subsequent authors.

Junior synonym of OECOPHYLLINI

Oecophyllini Forel, 1912i: 89 (diagnosis in key). Type-genus: *Oecophylla* Smith, F. 1860b: 101.

Taxonomic history

Oecophyllini as tribe of Camponotinae: Forel, 1912i: 89; Wheeler, W.M. 1915h: 113; Forel, 1917: 250.

Oecophyllini Forel as junior homonym and junior synonym of Oecophyllii Emery: Bolton, 1995b: 14.

Genus of Oecophyllini: *Oecophylla*.

Genus OECOPHYLLA

Oecophylla Smith, F. 1860b: 101. Type-species: *Formica virescens* Fabricius, 1775: 392 (junior synonym of *Formica smaragdina* Fabricius, 1775: 828), by subsequent designation of Bingham, 1903: 310.

Taxonomic history

Oecophylla in Formicinae: Mayr, 1862: 651 [Formicidae]; Mayr, 1865: 7 [Formicidae]; Mayr, 1868c: 30 [Formicidae].

Oecophylla in Camponotinae: Forel, 1878: 361 [Camponotidae]; Dalla Torre, 1893: 176.

Oecophylla in Camponotinae, Camponotini: Forel, 1886f: 199; Forel, 1893a: 165.

Oecophylla in Camponotinae, Oecophyllini: Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Wheeler, W.M. 1915h: 113; Forel, 1917: 250; Arnold, 1922: 608.

Oecophylla in Formicinae, Oecophyllini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 50; all subsequent authors except the following.

Oecophylla in Formicinae, *Oecophylla* genus group: Agosti, 1991: 295.

Oecophylla as genus: all authors.

[*Decophylla*: incorrect subsequent spelling by Forel, 1893a: 165.]

***Oecophylla* catalogues:** Roger, 1863b: 10; Mayr, 1863: 438; Dalla Torre, 1893: 176; Wheeler, W.M. 1922a: 945 (Afrotropical); Emery, 1925b: 49; Chapman & Capco, 1951: 220 (Asia); Taylor & Brown, D.R. 1985: 127 (Australia); Taylor, 1987a: 49 (Australia); Bolton, 1995b: 298.

***Oecophylla* references:** Mayr, 1862: 693 (diagnosis); Mayr, 1865: 7 (diagnosis); Mayr, 1867a: 70 (diagnosis); Forel, 1878: 371 (diagnosis); Emery, 1895j: 772 (synoptic classification); Bingham, 1903: 310 (diagnosis); Arnold, 1922: 608 (diagnosis); Forel, 1917: 250 (synoptic classification); Wheeler, W.M. 1922a: 224, 228 (diagnosis, species key); Emery, 1925b: 49 (diagnosis); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 63 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Agosti, 1991: 295 (*Oecophylla* genus group diagnosis); Bolton, 1994: 51 (synoptic classification); Bolton, 1995a: 1051 (census); Shattuck, 1999: 102 (Australia synopsis); Bolton, 2003: 25, 110 (diagnosis, synopsis); Dlussky, Wappler & Wedmann, 2008: 615 (review of fossil species); Dlussky & Putyatina, 2014: 251 (diagnosis, compression fossils).

Tribe **GIGANTIOPINI**

Gigantiopini Ashmead, 1905b: 384. Type-genus: *Gigantiops* Roger, 1863b: 11.

Taxonomic history

Gigantiopini as tribe of Gesomyrmicinae: Ashmead, 1905b: 384.

Gigantiopini as tribe of Formicinae: Wheeler, W.M. 1922a: 692; Emery, 1925b: 48; all subsequent authors.

Genus of Gigantiopini: *Gigantiops*.

Genus **GIGANTIOPS**

Gigantiops Roger, 1863b: 11. Type-species: *Formica destructor* Fabricius, 1804: 402, by monotypy.

Taxonomic history

Gigantiops in Formicinae: Mayr, 1865: 9 [Formicidae].

Gigantiops in Camponotinae: Forel, 1878: 370 [Camponotidae]; Dalla Torre, 1893: 175.

Gigantiops in Gesomyrmicinae, Gigantiopini: Ashmead, 1905b: 384.

Gigantiops in Camponotinae, Oecophyllini: Emery, 1895j: 772; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Forel, 1917: 250.

Gigantiops in Formicinae, Gigantiopini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 48; all subsequent authors except the one below; Bolton, 1994: 50; Bolton, 2003: 26, 111.

Gigantiops in Formicinae, *Oecophylla* genus group: Agosti, 1991: 295.

Gigantiops as genus: all authors.

Gigantiops catalogues: Roger, 1863b: 11; Dalla Torre, 1893: 175; Emery, 1925b: 48; Kempf, 1972a: 110; Bolton, 1995b: 207.

Gigantiops references: Mayr, 1865: 9 (diagnosis); Forel, 1878: 370 (diagnosis); Emery, 1925b: 48 (diagnosis); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 63 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 2003: 25, 111 (diagnosis, synopsis).

Tribe CAMPONOTINI

Camponotidae Forel, 1878: 364. Type-genus: *Camponotus* Mayr, 1861: 35.

Taxonomic history

Camponotini as subfamily of Formicidae: Forel, 1878: 364 [Camponotidae]; Forel, 1879a: 56 [Camponotidae]; Nasonov, 1889: 9 [Camponotidae]; Forel, 1891b: 13 [Camponotidae]; Forel, 1892j: 219 [Camponotidae]; Forel, 1893a: 165 [Camponotinae]; Dalla Torre, 1893: 171 [Camponotinae]; Emery, 1895j: 771 [subfamily spelled Camponotini]; Emery, 1896d: 187 [Camponotinae]; Forel, 1899c: 123 [Camponotinae]; Bingham, 1903: 308 [Camponotinae]; Ashmead, 1905b: 384 [Camponotinae]; Ruzsky, 1905b: 109 [Camponotinae]; Wheeler, W.M. 1910g: 143 [Camponotinae]; Forel, 1912i: 87 [Camponotinae]; Forel, 1915d: 45 [Camponotinae]; Donisthorpe, 1915d: 184 [Camponotinae]; Escherich, 1917: 2 [Camponotini]; Forel, 1917: 248 [Camponotinae]; Arnold, 1920a: 551 [Camponotinae]; Soudek, 1922: 61 [Camponotinae].

Camponotini as tribe of Formicidae: André, 1882a: 126 [Camponotidae].

Camponotini as family: Emery, 1894g: 372 [Camponotidae].

Camponotini as tribe of Camponotidae: Forel, 1886f: 141 [Camponotii]; Forel, 1891b: 13 [Camponotii].

Camponotini as tribe of Camponotinae: Forel, 1893a: 165 [Camponotii]; Forel, 1895b: 101 [Camponoti]; Emery, 1895j: 772 [Camponotii]; Forel, 1899c: 130 [Camponotii]; Ruzsky, 1902d: 4 [subfamily spelled Camponotini]; Ruzsky, 1905b: 110 [Camponotii]; Wheeler, W.M. 1910g: 144 [Camponotii].

Camponotini as tribe of Camponotinae: Ashmead, 1905b: 384; Wheeler, 1915g: 813 [Camponotides]; Wheeler, W.M. 1915h: 135; Forel, 1915d: 45; Forel, 1917: 250; Arnold, 1922: 610; Soudek, 1922: 61.

Camponotini as tribe of Formicinae: Bondroit, 1918: 65; Wheeler, W.M. 1922a: 693; Emery, 1925b: 53; all subsequent authors.

Junior synonyms of CAMPONOTINI

Polyrhachidini Ashmead, 1905b: 384. Type-genus: *Polyrhachis* Smith, F. 1857a: 58.

Taxonomic history

Polyrhachidini as tribe of Camponotinae: Ashmead, 1905b: 384.

Polyrhachidini as junior synonym of Camponotini: Bolton, 1994: 50.

***Paleosminthuridae** Pierce & Gibron, 1962: 146. Type-genus: ***Paleosminthurus** Pierce & Gibron, 1962: 146.

Taxonomic history

*Paleosminthuridae as family of Collembola: Pierce & Gibron, 1962: 146.

*Paleosminthuridae *incertae sedis* in Formicidae: Najt, 1987: 152.

*Paleosminthuridae *incertae sedis* as subfamily of Formicidae: Bolton, 1994: 187
[*Paleosminthurinae]; Bolton, 2003: 76, 263.

*Paleosminthuridae as junior synonym of Camponotini: Snelling (pers. comm. to B. Bolton, 2004).
[Synonymy remained unpublished at Snelling's death in 2008.]

Camponotini references: Forel, 1878: 364, 367 (diagnosis, genus groups); Forel, 1893a: 165 (diagnosis, synoptic classification); Forel, 1917: 250 (synoptic classification); Wheeler, W.M. 1922a: 700 (genera, key); Emery, 1925b: 53 (diagnosis, genera key); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 65 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 18 (synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 1995a: 1039 (census); Bolton, 2003: 26, 111 (diagnosis, synopsis).

Genera (extant) of Camponotini: *Calomyrmex*, *Camponotus*, *Echinopla*, *Forelophilus*, *Opisthopsis*, *Overbeckia*, *Phasmomyrmex*, *Polyrhachis*.

Genera (extinct) of Camponotini: **Chimaeromyrma*, **Pseudocamponotus*.

Genera of Camponotini

Genus **CALOMYRMEX**

Calomyrmex Emery, 1895j: 772. Type-species: *Formica laevissima* Smith, F. 1859a: 138, by monotypy.

Taxonomic history

Calomyrmex in Camponotinae, Camponotini: Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 250.

Calomyrmex in Formicinae, Camponotini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 174; all subsequent authors except the following.

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

Calomyrmex as genus: all authors.

Calomyrmex catalogues: Emery, 1896d: 378; Emery, 1898a: 227 (additions to 1896d); Emery, 1925b: 174; Chapman & Capco, 1951: 220 (Asia); Taylor & Brown, D.R. 1985: 108 (Australia); Taylor, 1987a: 10 (Australia); Bolton, 1995b: 82.

Calomyrmex references: Emery, 1925b: 174 (diagnosis); Bolton, 1995a: 1048 (census); Shattuck, 1999: 89 (Australia synopsis); Bolton, 2003: 112 (synopsis); Heterick, 2009: 60 (south-western Australia species key).

Genus **CAMPONOTUS**

Camponotus Mayr, 1861: 35. Type-species: *Formica ligniperda* Latreille, 1802c: 88, by subsequent designation of Bingham, 1903: 347.

Taxonomic history

[Type-species not *Formica herculeana* Linnaeus, 1758: 579, unjustified subsequent designation by Forel, 1914a: 259, repeated in Arnold, 1922: 612.]

Camponotus in Formicinae: Mayr, 1861: 35 [Formicidae]; Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 6 [Formicidae]; Mayr, 1868c: 26 [Formicidae].

Camponotus in Camponotinae: Forel, 1878: 367 [Camponotidae]; Emery & Forel, 1879a: 447 [Camponotidae]; Forel, 1892j: 223 [Camponotidae]; Dalla Torre, 1893: 219.

Camponotus in Camponotinae, Camponotini: Forel, 1886f: 141; Forel, 1893a: 165; Forel, 1895b: 101; Emery, 1895j: 772; Forel, 1899c: 130; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Wheeler, W.M. 1915h: 138; Forel, 1917: 250; Arnold, 1922: 610.

Camponotus in Formicinae, Camponotini: Bondroit, 1918: 65; Wheeler, W.M. 1922a: 703; Emery, 1925b: 59; all subsequent authors except the following.

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

Camponotus as subgenus of *Formica*: Smith, F. 1871a: 306.

Camponotus as genus: all authors except the entry above.

Junior synonyms of **CAMPONOTUS**

***Paleosminthurus** Pierce & Gibron, 1962: 146. Type-species: **Paleosminthurus juliae* Pierce & Gibron, 1962: 147, by monotypy.

Taxonomic history

- **Paleosminthurus* in Collembola, family *Paleosminthuridae: Pierce & Gibron, 1962: 146.
- **Paleosminthurus incertae sedis* in Formicidae: Najt, 1987: 152.
- **Paleosminthurus incertae sedis* in Formicinae: Hölldobler & Wilson, 1990: 18.
- **Paleosminthurus* in *Paleosmithurinae: Bolton, 1994: 187 [provisional subfamily status]; Bolton, 1995b: 14, 311; Bolton, 2003: 76, 263.
- **Paleosminthurus* as junior synonym of *Camponotus*: Snelling (pers. comm. to B. Bolton, 2004). [Synonymy remained unpublished at his death in 2008.]

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

Taxonomic history

- **Shanwangella* as junior synonym of *Camponotus*: Hong & Wu, 2000: 20.

Subgenera of *CAMPONOTUS* include the nominal plus the following.

[Note: all the subgenera were given as provisional junior synonyms of *Camponotus* by Brown, 1973b: 179–185. Brown's list was repeated in Hölldobler & Wilson, 1990: 18 but with all subgenera listed as junior synonyms; subgeneric status was reinstated in Bolton, 1994: 50. These consecutive entries are not repeated individually below.]

Subgenus **CAMPONOTUS (COLOBOPSIS)**

Colobopsis Mayr, 1861: 38. Type-species: *Formica truncata* Spinola, 1808: 244, by subsequent designation of Bingham, 1903: 342.

Taxonomic history

Colobopsis in Formicinae: Mayr, 1861: 38 [Formicidae]; Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 7 [Formicidae].

Colobopsis in Camponotinae: Forel, 1878: 368 [Camponotidae]; Emery & Forel, 1897: 449 [Camponotidae].

Colobopsis in Camponotinae, Camponotini: Forel, 1886f: 193; Emery, 1895j: 772; Ashmead, 1905b: 384.

Colobopsis in Formicinae, Camponotini: Bondroit, 1918: 65; Emery, 1925b: 144; all subsequent authors.

Colobopsis as genus: Mayr, 1861: 38; Mayr, 1862: 652; Mayr, 1865: 7; Mayr, 1870b: 940; Forel, 1878: 368; Forel, 1879a: 125; Emery & Forel, 1879a: 449; André, 1882b: 159; Bingham, 1903: 342; Forel, 1886f: 193; Ashmead, 1905b: 384; Bondroit, 1918: 66; Jaffe, 1993: 14.

Colobopsis as subgenus of *Camponotus*: Emery, 1889b: 517; Dalla Torre, 1893: 219; Forel, 1893a: 165; Forel, 1893b: 435; Emery, 1895j: 772; Wheeler, W.M. 1904b: 139; Wheeler, W.M. 1910g: 144; Forel, 1912i: 90; Forel, 1914a: 263; Forel, 1917: 251; Emery, 1920b: 247; Arnold, 1922: 613; Wheeler, W.M. 1922a: 708; Emery, 1925b: 144; Donisthorpe, 1943f: 634; Creighton, 1950a: 390; Chapman & Capco, 1951: 222; Kempf, 1972a: 42; Smith, D.R., 1979: 1433; Bolton, 1994: 50.

Junior synonyms of *CAMPONOTUS (COLOBOPSIS)*

Condylomyrma Santschi, 1928c: 72 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Condylomyrma) bryani* Santschi, 1928c: 72, by monotypy.

Taxonomic history

Condylomyrma as subgenus of *Camponotus*: Santschi, 1928c: 72.

Condylomyrma as junior synonym of *Colobopsis*: Wheeler, W.M. 1934e: 422 (in text).

[*Campylomyrma*: incorrect subsequent spelling by Wheeler, W.M. 1934e: 421 (in text).]

Dolophra Wu, J. & Wang, 1994: 35. Type-species: *Dolophra politae* Wu, J. & Wang, 1994: 37, by original designation.

Taxonomic history

Dolophra as genus: Wu, J. & Wang, 1994: 35; Wu, J. & Wang, 1995: 158.

Dolophra as junior synonym of *Camponotus*: Bolton, 1995b: 27.

Dolophra as junior synonym of *Camponotus (Colobopsis)*: Bolton, 2003: 113, 268.

Subgenus *CAMPONOTUS (MAYRIA)*

Mayria Forel, 1878: 369. Type-species: *Mayria madagascarensis* Forel, 1886c: civ (junior secondary homonym in *Camponotus*; replacement name: *Camponotus (Mayria) repens* Forel, 1897c: 187), by monotypy.

Taxonomic history

Mayria in Camponotinae: Forel, 1878: 369 [Camponotidae]; Dalla Torre, 1893: 219.

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

Mayria as genus: Dalla Torre, 1893: 219.

Mayria as subgenus of *Camponotus*: Forel, 1894e: 227; Forel, 1914a: 262; Forel, 1917: 251; Wheeler, W.M. 1922a: 706; Emery, 1925b: 121; all subsequent authors.

Junior synonym of *CAMPONOTUS (MAYRIA)*

Myrmosaga Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Camponotus kelleri* Forel, 1886f: 186, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Camponotus quadrimaculatus* Forel, 1886c: cii, unjustified subsequent designation by Forel, 1914a: 260; repeated in Arnold, 1922: 613.]

Myrmosaga as subgenus of *Camponotus* Forel, 1912i: 92; Forel, 1914a: 260; Forel, 1917: 250; Emery, 1920b: 241; Arnold, 1922: 613; Wheeler, W.M. 1922a: 706; all subsequent authors.

Myrmosaga as junior synonym of *Mayria*: Emery, 1925b: 121.

Subgenus *CAMPONOTUS (RHINOMYRMEX)*

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.

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; 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; all subsequent authors.

Subgenus *CAMPONOTUS (DENDROMYRMEX)*

Dendromyrmex Emery, 1895j: 772. Type-species: *Formica chartifex* Smith, F. 1860c: 68, by subsequent designation of Wheeler, W.M. 1911f: 161.

Taxonomic history

Dendromyrmex in Camponotinae, Camponotini: Emery, 1895j: 772; Ashmead, 1905b: 384; Forel, 1912i: 89; Wheeler, W.M. 1910g: 144; Forel, 1917: 250.

Dendromyrmex in Formicinae, Camponotini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 172; all subsequent authors except the following.

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

Dendromyrmex as subgenus of *Camponotus*: Fernández, 2002: 51.

Subgenus *CAMPONOTUS (DINOMYRMEX)*

Dinomyrmex Ashmead, 1905b: 384. Type-species: *Formica gigas* Latreille, 1802c: 105, by original designation.

Taxonomic history

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

Dinomyrmex as genus: Ashmead, 1905b: 384.

Dinomyrmex as subgenus of *Camponotus*: Forel, 1913b: 350; Forel, 1914a: 259; Forel, 1917: 250; Emery, 1920b: 236; Arnold, 1922: 612; Wheeler, W.M. 1922a: 704; Emery, 1925b: 69; all subsequent authors.

Junior synonym of *CAMPONOTUS (DINOMYRMEX)*

Myrmogigas Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Formica gigas* Latreille, 1802c: 105, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

Myrmogigas as subgenus of *Camponotus*: Forel, 1912i: 91.

Myrmogigas as junior synonym of *Dinomyrmex*: Forel, 1913b: 350 (in text); Forel, 1914a: 259; Wheeler, W.M. 1922a: 704. [*Dinomyrmex* and *Myrmogigas* share the same type-species, synonymy is therefore absolute.]

Subgenus *CAMPONOTUS (TANAEMYRMEX)*

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; all subsequent authors.

Junior synonym of *CAMPONOTUS (TANAEMYRMEX)*

Myrmoturba Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Formica maculata* Fabricius, 1782: 491, by subsequent designation of Wheeler, W.M. 1913a: 82.

Taxonomic history

Myrmoturba as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 259; Forel, 1917: 250; Emery, 1920b: 235; Arnold, 1922: 612; Wheeler, W.M. 1922a: 704.

Myrmoturba as junior synonym of *Tanaemyrmex*: Emery, 1925b: 75; all subsequent authors.

Subgenus **CAMPONOTUS (ORTHONOTOMYRMEX)**

Orthonotomyrmex Ashmead, 1906: 31.

Taxonomic history

[Replacement name for *Orthonotus* Ashmead, 1905b: 384; junior homonym of *Orthonotus* Westwood, in Stephens, 1829: 344 (Hemiptera). Type-species not *Formica lateralis* Olivier, 1792: 497, unjustified subsequent designation by Forel, 1914a: 264; repeated in Arnold, 1922: 613.]

Orthonotomyrmex as subgenus of *Camponotus*: Forel, 1913i: 350 (in text); Forel, 1914a: 264; Forel, 1917: 251; Emery, 1920b: 244; Santschi, 1921f: 310; Arnold, 1922: 613; Wheeler, W.M. 1922a: 707; Emery, 1925b: 124; all subsequent authors.

Junior homonym replaced by **ORTHONOTOMYRMEX**

Orthonotus Ashmead, 1905b: 384. Type-species: *Formica sericea* Fabricius, 1798: 279, by original designation.

Taxonomic history

[Junior homonym of *Orthonotus* Westwood, in Stephens, 1829: 344 (Hemiptera).]

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

Subgenus **CAMPONOTUS (MYRMAMBLYS)**

Myrmamblys Forel, 1912i: 90 [as subgenus of *Camponotus*]. Type-species: *Camponotus reticulatus* Roger, 1863a: 139, by subsequent designation of Wheeler, W.M. 1913a: 80.

Taxonomic history

[Type-species not *Camponotus fastigatus* Roger, 1863b: 5, unjustified subsequent designation by Forel, 1914a: 263; repeated in Arnold, 1922: 613.]

Myrmamblys as subgenus of *Camponotus*: Forel, 1912i: 90; Forel, 1914a: 263; Forel, 1917: 251; Emery, 1920b: 248; Santschi, 1921f: 311; Arnold, 1922: 613; Wheeler, W.M. 1922a: 708; Emery, 1925b: 136; Santschi, 1926c: 601; all subsequent authors.

Subgenus **CAMPONOTUS (MYRMOTHRIX)**

Myrmothrix Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Formica abdominalis* Fabricius, 1804: 409 (junior primary homonym; replacement name: *Formica atriceps* Smith, F. 1858b: 44), by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Formica rufipes* Fabricius, 1775: 391, unjustified subsequent designation by Forel, 1914a: 260.]

Myrmothrix as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 260; Forel, 1917: 250; Emery, 1920b: 236; Emery, 1925b: 107; all subsequent authors.

Subgenus **CAMPONOTUS (MYRMOSERICUS)**

Myrmosericus Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Formica rufoglaucha* Jerdon, 1851: 124, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

Myrmosericus as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 259; Forel, 1917: 250; Emery, 1920b: 236; Arnold, 1922: 613; Wheeler, W.M. 1922a: 704; Emery, 1925b: 104; all subsequent authors.

[Note: Donisthorpe, 1932c: 445, states that *C. cinerascens* (type-species of *Myrmosaurus*) belongs in subgenus *Myrmosericus*. If so then *Myrmosaurus* would fall as a junior synonym of *Myrmosericus*.]

Subgenus **CAMPONOTUS (MYRMOPHYMA)**

Myrmophyма Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Camponotus capito* Mayr, 1876: 64, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Formica quadrisecta* Smith, F. 1858b: 28, unjustified subsequent designation by Forel, 1914a: 261; repeated in Arnold, 1922: 612.]

Myrmophyма as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 261; Forel, 1917: 250; Emery, 1920b: 239; Arnold, 1922: 612; Wheeler, W.M. 1922a: 706; Emery, 1925b: 109; all subsequent authors.

Junior synonym of **CAMPONOTUS (MYRMOPHYMA)**

Myrmocamelus Forel, 1914a: 261 [as subgenus of *Camponotus*]. Type-species: *Formica ephippium* Smith, F. 1858b: 39, by original designation.

Taxonomic history

[Type-species not *Camponotus gambeyi* Emery, 1883: 145, unjustified subsequent designation by Forel, 1922: 101. *Myrmocamelus* also described as new by Forel, 1915b: 102.]

Myrmocamelus as subgenus of *Camponotus*: Forel, 1914a: 261; Forel, 1915b: 102; Forel, 1917: 250; Forel, 1922: 101.

Myrmocamelus as junior synonym of *Myrmophyма*: Emery, 1920b: 257; Wheeler, W.M. 1921a: 18; Emery, 1925b: 109.

Subgenus *CAMPONOTUS (MYRMOTREMA)*

Myrmotrema Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Camponotus foraminosus* Forel, 1879a: 87, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

Myrmotrema as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 262; Forel, 1917: 250; Emery, 1920b: 245; Arnold, 1922: 613; Wheeler, W.M. 1922a: 707; Emery, 1925b: 130; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOBRACHYS)*

Myrmobrachys Forel, 1912i: 91 [as subgenus of *Camponotus*]. Type-species: *Formica senex* Smith, F. 1858b: 47, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

Myrmobrachys as subgenus of *Camponotus*: Forel, 1912i: 91; Forel, 1914a: 262; Forel, 1917: 251; Emery, 1920b: 251; Wheeler, W.M. 1922a: 709; Emery, 1925b: 161; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMENTOMA)*

Myrmentoma Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Formica lateralis* Olivier, 1792: 497, by subsequent designation of Wheeler, W.M. 1913a: 80.

Taxonomic history

Myrmentoma as junior synonym of *Orthonotomyrmex*: Forel, 1913b: 350 (in text); Forel, 1914a: 264; Wheeler, W.M. 1922a: 970.

Myrmentoma as subgenus of *Camponotus*: Forel, 1912i: 92; Emery, 1920b: 243; Wheeler, W.M. 1922a: 707; Emery, 1925a: 62; Emery, 1925b: 116; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOSPHINCTA)*

Myrmosphincta Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Formica sexguttata* Fabricius, 1793: 354, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Formica cinerascens* Fabricius, 1787: 308, unjustified subsequent designation by Forel, 1914a: 265; repeated in Arnold, 1922: 614.]

Myrmosphincta as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 265; Forel, 1917: 251; Emery, 1920b: 238; Santschi, 1921f: 311 (misspelled as *Myrmospinctus*); Arnold, 1922: 614; Wheeler, W.M. 1922a: 708; Emery, 1925b: 151; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOTARSUS)*

Myrmotarsus Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Formica mistura* Smith, F. 1857a: 53, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Formica irritabilis* Smith, F. 1857a: 56, unjustified subsequent designation by Forel, 1914a: 260.]

Myrmotarsus as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 260; Forel, 1917: 250; Emery, 1920b: 238; Wheeler, W.M. 1922a: 705; Emery, 1925b: 134; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMEPOMIS)*

Myrmepomis Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Formica sericeiventris* Guérin-Méneville, 1838: 205, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Formica fulvopilosa* De Geer, 1778: 613, unjustified subsequent designation by Forel, 1914a: 265; repeated in Arnold, 1922: 614.]

Myrmepomis as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 265; Forel, 1917: 251; Emery, 1920b: 245; Arnold, 1922: 614; Wheeler, W.M. 1922a: 705; Emery, 1925b: 170; all subsequent authors.

Junior synonym of *CAMPONOTUS (MYRMEPOMIS)*

Myrmolophus Emery, 1920b: 237 [as subgenus of *Camponotus*]. Type-species: *Formica sericeiventris* Guérin-Méneville, 1838: 205, by original designation.

Taxonomic history

Myrmolophus as subgenus of *Camponotus*: Emery, 1920b: 237.

Myrmolophus as junior synonym of *Myrmepomis*: Wheeler, W.M. 1921a: 17; Wheeler, W.M. 1922a: 705; Emery, 1925b: 170. [*Myrmepomis* and *Myrmolophus* share the same type-species, synonymy is therefore absolute.]

Subgenus *CAMPONOTUS (MYRMOGONIA)*

Myrmogonia Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Camponotus laminatus* Mayr, 1866a: 489, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

Myrmogonia as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 261; Forel, 1917: 250; Emery, 1920b: 240; Wheeler, W.M. 1922a: 706; Emery, 1925b: 143; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMEURYNOTA)*

Myrmeurynota Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Camponotus eurynotus* Forel, 1907a: 35, by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Camponotus gilviventris* Roger, 1863a: 145, unjustified subsequent designation by Forel, 1914a: 266.]

Myrmeurynota as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 266; Forel, 1917: 251; Emery, 1920b: 251; Wheeler, W.M. 1922a: 710; Emery, 1925b: 167; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOPSAMMA)*

Myrmopsamma Forel, 1914a: 261 [as subgenus of *Camponotus*]. Type-species: *Camponotus mystaceus* Emery, 1886: 356, by original designation.

Taxonomic history

Myrmopsamma as subgenus of *Camponotus*: Forel, 1914a: 261; Forel, 1917: 250; Emery, 1920b: 246; Arnold, 1922: 612; Wheeler, W.M. 1922a: 708; Emery, 1925b: 70; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOMALIS)*

Myrmomalis Forel, 1914a: 263 [as subgenus of *Camponotus*]. Type-species: *Camponotus depressus* Mayr, 1866a: 487, by original designation.

Taxonomic history

Myrmomalis as subgenus of *Camponotus*: Forel, 1914a: 263; Forel, 1917: 251; Emery, 1920b: 251; Wheeler, W.M. 1922a: 710; Emery, 1925b: 169; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOPLATYS)*

Myrmoplatys Forel, 1916: 460 [as subgenus of *Camponotus*]. Type-species: *Camponotus korthalsiae* Emery, 1887a: 220, by original designation.

Taxonomic history

Myrmoplatys as genus: Wheeler, W.M. 1936e: 219 (in text); Donisthorpe, 1943f: 670.

Myrmoplatys as subgenus of *Camponotus*: Forel, 1916: 460; Forel, 1917: 251; Emery, 1920b: 238; Wheeler, W.M. 1922a: 705; Emery, 1925b: 135; Bolton, 1994: 50.

Subgenus *CAMPONOTUS (MYRMAPHAENUS)*

Myrmaphaenus Emery, 1920b: 237 [as subgenus of *Camponotus*]. Type-species: *Camponotus leydigi* Forel, 1886f: 169, by original designation.

Taxonomic history

Myrmaphaenus as subgenus of *Camponotus*: Emery, 1920b: 237; Santschi, 1921f: 311; Wheeler, W.M. 1922a: 705; Emery, 1925b: 152; all subsequent authors.

Junior synonyms of *CAMPONOTUS (MYRMAPHAENUS)*

Paracolobopsis Emery, 1920b: 249 [as subgenus of *Camponotus*]. Type-species: *Camponotus salvini* Forel, 1899c: 153, by original designation.

Taxonomic history

Paracolobopsis as subgenus of *Camponotus*: Emery, 1920b: 249; Wheeler, W.M. 1922a: 709; Santschi, 1922c: 120.

Paracolobopsis as junior synonym of *Myrmaphaenus*: Emery, 1925b: 152; Kempf, 1972a: 44.

Neomyrmamblys Wheeler, W.M. 1921a: 19 [as subgenus of *Camponotus*]. Type-species: *Camponotus fastigatus* Roger, 1863b: 5, by subsequent designation of Santschi, 1921f: 311.

Taxonomic history

Neomyrmamblys as subgenus of *Camponotus*: Wheeler, W.M. 1921a: 19; Santschi, 1921f: 311; Wheeler, W.M. 1922a: 708.

Neomyrmamblys as junior synonym of *Myrmaphaenus*: Emery, 1925b: 152; Kempf, 1972a: 44.

Subgenus *CAMPONOTUS (MYRMONESITES)*

Myrmonesites Emery, 1920b: 242 [as subgenus of *Camponotus*]. Type-species: *Camponotus putatus* Forel, 1892I: 234, by original designation.

Taxonomic history

Myrmonesites as subgenus of *Camponotus*: Emery, 1920b: 242; Wheeler, W.M. 1922a: 706; Emery, 1925b: 123.

[*Myrmensites*: incorrect subsequent spelling by Donisthorpe, 1943f: 666.]

Subgenus *CAMPONOTUS (MYRMOPYTIA)*

Myrmopytia Emery, 1920b: 243 [as subgenus of *Camponotus*]. Type-species: *Camponotus imitator* Forel, 1891b: 209, by original designation.

Taxonomic history

Myrmopytia as subgenus of *Camponotus*: Emery, 1920b: 243; Wheeler, W.M. 1922a: 707; Emery, 1925b: 114; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOTEMNUS)*

Myrmotemnus Emery, 1920b: 246 [as subgenus of *Camponotus*]. Type-species: *Camponotus moeschi* Forel, 1910d: 129, by original designation.

Taxonomic history

Myrmotemnus as junior synonym of *Myrmamblys*: Wheeler, W.M. 1921a: 19; Wheeler, W.M. 1922a: 708; Emery, 1925b: 137; Donisthorpe, 1943f: 671 (anachronism).

Myrmotemnus as subgenus of *Camponotus*: Emery, 1920b: 246; Santschi, 1926c: 601.

Subgenus *CAMPONOTUS (PSEUDOCOLOBOPSIS)*

Pseudocolobopsis Emery, 1920b: 249 [as subgenus of *Camponotus*]. Type-species: *Formica macrocephala* Erichson, 1842: 259, by original designation.

Taxonomic history

Pseudocolobopsis as subgenus of *Camponotus*: Emery, 1920b: 249; Santschi, 1921f: 311; Wheeler, W.M. 1922a: 709; Emery, 1925b: 157; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOSTENUS)*

Myrmostenus Emery, 1920b: 250 [as subgenus of *Camponotus*]. Type-species: *Camponotus mirabilis* Emery, 1903: 80, by original designation.

Taxonomic history

Myrmostenus as subgenus of *Camponotus*: Emery, 1920b: 250; Wheeler, W.M. 1922a: 709; Emery, 1925b: 161; all subsequent authors.

Subgenus *CAMPONOTUS (HYPERCOLOBOPSIS)*

Hypercolobopsis Emery, 1920b: 250 [as subgenus of *Camponotus*]. Type-species: *Colobopsis paradoxa* Mayr, 1866b: 887, by original designation.

Taxonomic history

Hypercolobopsis as subgenus of *Camponotus*: Emery, 1920b: 250; Wheeler, W.M. 1922a: 709; Emery, 1925b: 160; all subsequent authors.

Junior synonym of *CAMPONOTUS (HYPERCOLOBOPSIS)*

Neocolobopsis Borgmeier, 1928b: 65 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Neocolobopsis) scrobifer* Borgmeier, 1928b: 66 (junior synonym of *Camponotus (Colobopsis?) coriolanus* Forel, 1912i: 84), by original designation.

Taxonomic history

Neocolobopsis as subgenus of *Camponotus* Borgmeier, 1928b: 65.

Neocolobopsis as junior synonym of *Hypercolobopsis*: Kempf, 1968b: 411; Kempf, 1972a: 43.

Subgenus **CAMPONOTUS (MYRMOPIROMIS)**

Myrmoppiromis Wheeler, W.M. 1921a: 17 [as subgenus of *Camponotus*]. Type-species: *Formica fulvopilosa* De Geer, 1778: 613, by subsequent designation of Wheeler, W.M. 1922a: 707.

Taxonomic history

Myrmoppiromis as subgenus of *Camponotus*: Wheeler, W.M. 1921a: 17; Wheeler, W.M. 1922a: 707; Emery, 1925b: 1127.

Subgenus **CAMPONOTUS (MYRMOSAULUS)**

Myrmosaulus Wheeler, W.M. 1921a: 18 [as subgenus of *Camponotus*]. Type-species: *Formica cinerascens* Fabricius, 1787: 308, by subsequent designation of Wheeler, W.M. 1922a: 705.

Taxonomic history

[Type-species not *Formica singularis* Smith, F. 1858b: 27, unjustified subsequent designation by Emery, 1925b: 113, repeated in Donisthorpe, 1943f: 670.]

[Note: Donisthorpe, 1932c: 445, states that *C. cinerascens* belongs in subgenus *Myrmosericus*. If so then *Myrmosaulus* would fall as a junior synonym of *Myrmosericus*.]

Myrmosaulus as subgenus of *Camponotus*: Wheeler, W.M. 1921a: 18; Wheeler, W.M. 1922a: 705; Emery, 1925b: 112; all subsequent authors.

Subgenus **CAMPONOTUS (MYRMOCLADOECUS)**

Myrmocladoeucus Wheeler, W.M. 1921a: 19 [as subgenus of *Camponotus*]. Type-species: *Camponotus latangulus* Roger, 1863a: 142, by subsequent designation of Wheeler, W.M. 1922a: 709.

Taxonomic history

Myrmocladoeucus as subgenus of *Camponotus*: Wheeler, W.M. 1921a: 19; Wheeler, W.M. 1922a: 709; Emery, 1925b: 166; all subsequent authors.

Subgenus **CAMPONOTUS (MANNIELLA)**

Manniella Wheeler, W.M. 1921a: 19 [as subgenus of *Camponotus*]. Type-species: *Camponotus sphaericus* Roger, 1863a: 146, by original designation.

Taxonomic history

Manniella subgenus of *Camponotus*: Wheeler, W.M. 1921a: 19; Wheeler, W.M. 1922a: 710; Emery, 1925b: 159; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMISOLEPIS)*

Myrmisolepis Santschi, 1921f: 310 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Orthonotomyrmex) epinotalis* Santschi, 1916b: 508, by original designation.

Taxonomic history

Myrmisolepis as subgenus of *Camponotus*: Emery, 1925b: 133; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOPELTA)*

Myrmopelta Santschi, 1921f: 310 [as subgenus of *Camponotus*]. Type-species: *Camponotus barbarossa arminius* Forel, 1910e: 457, by original designation.

Taxonomic history

Myrmopelta as junior synonym of *Myrmamblys*: Emery, 1925b: 137.

Myrmopelta as subgenus of *Camponotus*: Wheeler, W.M. 1922a: 704 (footnote); Santschi, 1926a: 16; Santschi, 1926c: 603; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOPLATYPUS)*

Myrmoplatypus Santschi, 1921f: 311 [as subgenus of *Camponotus*]. Type-species: *Camponotus platytarsus* Roger, 1863a: 150, by original designation.

Taxonomic history

Myrmoplatypus as subgenus of *Camponotus*: Emery, 1925b: 169; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMEPINOTUS)*

Myrmepinotus Santschi, 1921f: 312 [as subgenus of *Camponotus*]. Type-species: *Camponotus echinoploides* Forel, 1891b: 51, by original designation.

Taxonomic history

Myrmepinotus as subgenus of *Camponotus*: Emery, 1925b: 126; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMOXYGENYS)*

Myrmoxygenys Emery, 1925b: 70 [as subgenus of *Camponotus*]. Type-species: *Camponotus caesar* Forel, 1886f: 162, by monotypy.

Taxonomic history

Myrmoxxygenys as subgenus of *Camponotus*: Emery, 1925b: 70; all subsequent authors.

Subgenus *CAMPONOTUS (KARAVAIEVIA)*

Karavaievia Emery, 1925b: 115 [as subgenus of *Camponotus*]. Type-species: *Camponotus exsectus* Emery, 1900d: 709, by original designation.

Taxonomic history

Karavaievia as subgenus of *Camponotus*: Emery, 1925b: 115; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMODIRACHIS)*

Myrmodirachis Emery, 1925b: 168 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Myrmeurnota) heathi* Mann, 1916: 481, by original designation.

Taxonomic history

Myrmodirachis as subgenus of *Camponotus*: Emery, 1925b: 168; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMESPERA)*

Myrmespera Santschi, 1926b: 249 (footnote) [as subgenus of *Camponotus*]. Type-species: *Camponotus (Myrmespera) debellator* Santschi, 1926b: 247, by subsequent designation of Santschi, 1926c: 604.

Taxonomic history

Myrmespera as subgenus of *Camponotus*: Santschi, 1926b: 247; Santschi, 1926c: 603; all subsequent authors.

Subgenus *CAMPONOTUS (PARAMYRMAMBLYS)*

Paramyrmamblys Santschi, 1926c: 604 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Myrmamblys) ostiarius* Forel, 1914d: 258, by original designation.

Taxonomic history

Paramyrmamblys as subgenus of *Camponotus*: Santschi, 1926c: 604; all subsequent authors.

Subgenus *CAMPONOTUS (MYRMACRHAPHE)*

Myrmacrhaphes Santschi, 1926c: 607 [as subgenus of *Camponotus*]. Type-species: *Camponotus conradti* Forel, 1914d: 256, by original designation.

Taxonomic history

Myrmacrhaphes as subgenus of *Camponotus*: Santschi, 1926c: 607; all subsequent authors.

Subgenus **CAMPONOTUS (THLIPSEPINOTUS)**

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; all subsequent authors.

Subgenus **CAMPONOTUS (MYRMOPALPELLA)**

Myrmopalpella Stärcke, 1934: 30 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Myrmophincta) megalonyx* Wheeler, W.M. 1919e: 114, by monotypy.

Taxonomic history

Myrmopalpella as genus: Wheeler, W.M. 1936e: 219 (in text); Donisthorpe, 1943f: 669.

Myrmopalpella as subgenus of *Camponotus*: Bolton, 1995b: 37.

Camponotus catalogues: Roger, 1863b: 1, 9 (*Camponotus, Colobopsis*); Mayr, 1863: 397, 403 (*Camponotus, Colobopsis*); Emery & Forel, 1879: 447, 449 (Europe *Camponotus, Colobopsis*); Cresson, 1887: 255 (U.S.A. *Camponotus, Colobopsis*); Dalla Torre, 1893: 219 (*Rhinomyrmex, Mayria, Camponotus*); Emery, 1896d: 378; Forel, 1914a: 266 (species listed by subgenus); Wheeler, W.M. 1922a: 948, 1039 (Afrotropical, Malagasy); Emery, 1925b: 59; Emery, 1925b: 69 (*C. (Dinomyrmex)*); Emery, 1925b: 70 (*C. (Myrmoxxygenys)* & *C. (Myrmopsamma)*); Emery, 1925b: 71 (*C. (Camponotus)*); Emery, 1925b: 75 (*C. (Tanaemyrmex)*); Emery, 1925b: 104 (*C. (Myrmosericus)*); Emery, 1925b: 107 (*C. (Myrmothrix)*); Emery, 1925b: 109 (*C. (Myrmophyma)*); Emery, 1925b: 112 (*C. (Myrmosaurus)*); Emery, 1925b: 114 (*C. (Myrmopygia)*); Emery, 1925b: 115 (*C. (Karavaievia)*); Emery, 1925b: 116 (*C. (Myrmentoma)*); Emery, 1925b: 121 (*C. (Mayria)*); Emery, 1925b: 123 (*C. (Myrmunesites)*); Emery, 1925b: 124 (*C. (Orthonotomyrmex)*); Emery, 1925b: 126 (*C. (Myrmepinotus)*); Emery, 1925b: 127 (*C. (Myrmopiromis)*); Emery, 1925b: 130 (*C. (Myrmotrema)*); Emery, 1925b: 133 (*C. (Myrmisolepis)*); Emery, 1925b: 134 (*C. (Myrmotarsus)*); Emery, 1925b: 135 (*C. (Myrmoplatys)*); Emery, 1925b: 136 (*C. (Myrmamblyx)*); Emery, 1925b: 142 (*C. (Rhinomyrmex)*); Emery, 1925b: 143 (*C. (Myrmogonia)*); Emery, 1925b: 144 (*C. (Colobopsis)*); Emery, 1925b: 151 (*C. (Myrmophincta)*); Emery, 1925b: 152 (*C. (Myrmaphaenus)*); Emery, 1925b: 157 (*C. (Pseudocolobopsis)*); Emery, 1925b: 159 (*C. (Manniella)*); Emery, 1925b: 160 (*C. (Hypercolobopsis)*); Emery, 1925b: 161 (*C. (Myrmostenus)* & *C. (Myrmobrachys)*); Emery, 1925b: 166 (*C. (Myrmocladoeclus)*); Emery, 1925b: 167 (*C. (Myrmeurynota)*); Emery, 1925b: 168 (*C. (Myrmadirachis)*); Emery, 1925b: 169 (*C. (Myrmomalis)* & *C. (Myrmoplatypus)*); Emery, 1925b: 170 (*C. (Myrmepomis)*); Emery, 1925b: 172 (*Dendromyrmex*)); Chapman & Capco, 1951: 220 (Asia); Smith, M.R. 1951a: 839 (North America); Kempf, 1972a: 42, 95 (Neotropical *Camponotus, Dendromyrmex*); Smith, D.R. 1979: 1424 (North America); Taylor & Brown, D.R. 1985: 109 (Australia); Taylor, 1987a: 10, 16 (Australia, New Caledonia, New Zealand); Bolton, 1995b: 83, 169 (*Camponotus, Dendromyrmex*).

***Camponotus* references:** Mayr, 1861: 35 (Europe species key); Mayr, 1865: 6, 7 (*Camponotus*, *Colobopsis* diagnosis); Mayr, 1867a: 67 (*Colobopsis* diagnosis); Mayr, 1868c: 27 (*Baltic Amber species key); Mayr, 1870a: 373 (Colombia + Panama (= New Grenada) species key); Mayr, 1870b: 941 (*Colobopsis* species key); André, 1874: 175 (Europe species key); Forel, 1874: 38 (Switzerland species key); Mayr, 1876: 58 (Australia species key); Mayr, 1878: 869 (all *Dendromyrmex* species key (as part of *Camponotus*)); Forel, 1878: 367, 368 (*Camponotus*, *Colobopsis* diagnoses); André, 1882a: 138 (Europe & Algeria species key); André, 1882b: 159 (Europe & Algeria *Colobopsis* species key); Provancher, 1887: 228 (Canada species key); Nasonov, 1889: 57 (Russia species key); Forel, 1891b: 71, 216 (Madagascar species key); Forel, 1892j: 223 (India & Sri Lanka species key); Emery, 1893i: 667 (North America species key); Forel, 1893b: 435 (India & Sri Lanka C. (*Colobopsis*) species key); Emery, 1895j: 772 (synoptic classification); Emery, 1896d: 370 (species groups); Emery, 1898a: 225 (additions to 1896d catalogue); Emery, 1903 (South America species key); Bingham, 1903: 343, 348 (India, Sri Lanka & Burma *Colobopsis*, *Camponotus* species keys); Ruzsky, 1905b: 185 (Russian Empire species key); Emery, 1908a: 183 (Palaearctic C. *herculeanus* & C. *maculatus* groups species key); Bondroit, 1910: 486 (Belgium species key); Wheeler, W.M. 1910d: 297 (North America species key); Forel, 1914a: 259, 266 (subgenera diagnoses); Stitz, 1914: 94 (Central Europe species key); Santschi, 1915c: 266 (C. (*Myrmotrema*) species key); Emery, 1916b: 227 (Italy species key); Wheeler, W.M. 1916m: 600 (U.S.A., Connecticut species key); Mann, 1916: 489 (*Dendromyrmex*, all species key); Bondroit, 1918 (France & Belgium species key); Emery, 1920b: 235 (subgenera, diagnoses); Emery, 1920c: 8 (Old World C. *maculatus* group, checklist & key); Wheeler, W.M. 1921a: 16 (subgenera, notes); Santschi, 1921f: 310 (subgenera, notes); Mann, 1921: 489, 499 (Fiji Is C. (*Myrmogonia*) & C. (*Colobopsis*) species keys); Wheeler, W.M. 1922a: 704 (subgenera synopsis); Wheeler, W.M. 1922a: 232 (diagnosis); Arnold, 1922: 610, 612, 619, 662, 673 (diagnosis, South Africa subgenera synopsis, South Africa C. (*Tanaemyrmex*), C. (*Myrmophyma*), C. (*Myrmopsamma*) species keys); Arnold, 1924: 683, 700, 709, 724, 735 (South Africa C. (*Myrmosericus*), C. (*Myrmamblys*), C. (*Orthonotomyrmex*), C. (*Myrmotrema*), C. (*Myrmepomis*) species keys); Emery, 1925a: 62 (Palaearctic C. *lateralis* group, key); Emery, 1925b: 59 (diagnosis, subgenera key); Emery, 1925b: 69 (C. (*Dinomyrmex*) diagnosis); Emery, 1925b: 70 (C. (*Myrmoxygenys*) & C. (*Myrmopsamma*) diagnoses); Emery, 1925b: 71 (C. (*Camponotus*) diagnosis); Emery, 1925b: 75 (C. (*Tanaemyrmex*) diagnosis); Emery, 1925b: 104 (C. (*Myrmosericus*) diagnosis); Emery, 1925b: 107 (C. (*Myrmothrix*) diagnosis); Emery, 1925b: 109 (C. (*Myrmophyma*) diagnosis); Emery, 1925b: 112 (C. (*Myrmosaulus*) diagnosis); Emery, 1925b: 114 (C. (*Myrmopytia*) diagnosis); Emery, 1925b: 115 (C. (*Karavaievia*) diagnosis); Emery, 1925b: 116 (C. (*Myrmentoma*) diagnosis); Emery, 1925b: 121 (C. (*Mayria*) diagnosis); Emery, 1925b: 123 (C. (*Myrmonesites*) diagnosis); Emery, 1925b: 124 (C. (*Orthonotomyrmex*) diagnosis); Emery, 1925b: 126 (C. (*Myrmepinotus*) diagnosis); Emery, 1925b: 127 (C. (*Myrmopiromis*) diagnosis); Emery, 1925b: 130 (C. (*Myrmotrema*) diagnosis); Emery, 1925b: 133 (C. (*Myrmisolepis*) diagnosis); Emery, 1925b: 134 (C. (*Myrmotarsus*) diagnosis); Emery, 1925b: 135 (C. (*Myrmoplatys*) diagnosis); Emery, 1925b: 136 (C. (*Myrmamblys*) diagnosis); Emery, 1925b: 142 (C. (*Rhinomyrmex*) diagnosis); Emery, 1925b: 143 (C. (*Myrmogonia*) diagnosis); Emery, 1925b: 144 (C. (*Colobopsis*) diagnosis); Emery, 1925b: 151 (C. (*Myrmosphincta*) diagnosis); Emery, 1925b: 152 (C. (*Myrmaphaenus*) diagnosis); Emery, 1925b: 157 (C. (*Pseudocolobopsis*) diagnosis); Emery, 1925b: 159 (C. (*Manniella*) diagnosis); Emery, 1925b: 160 (C. (*Hypercolobopsis*) diagnosis); Emery, 1925b: 161 (C. (*Myrmostenus*) & C. (*Myrmobrachys*) diagnoses); Emery, 1925b: 166 (C. (*Myrmocladoeucus*) diagnosis); Emery, 1925b: 167 (C. (*Myrmeurnota*) diagnosis); Emery, 1925b: 168 (C. (*Myrmadirachis*) diagnosis); Emery, 1925b: 169 (C. (*Myrmomalis*) & C. (*Myrmoplatypus*) diagnoses); Emery, 1925b: 170 (C. (*Myrmepomis*) diagnosis); Emery, 1925b: 172 (*Dendromyrmex* diagnosis); Santschi, 1926a: 16, 21 (C. (*Myrmopelta*) diagnosis, species key); Karavaiev, 1927c: 275 (Ukraine species key); Arnol'di, 1933b: 601 (Russia species key); Menozzi, 1933b: 81 (Israel species key); Menozzi, 1935c: 330 (Chile species key); Karavaiev, 1936: 175 (Ukraine species key); Finzi, 1936:

190 (Egypt species key); Menozzi, 1939a: 316 (Himalaya & Tibet species key); Stitz, 1939: 236 (Germany species key); Kratochvíl, 1941: 109 (Central Europe species key); Novák & Sadil, 1941: 109 (Central Europe species key); Cole, 1942: 387 (U.S.A., Utah species key); Donisthorpe, 1932g: 248 (*C. (Orthonotomymex)* notes); Holgersen, 1943b: 174 (Norway species key); Holgersen, 1944: 199 (Norway species key); Buren, 1944a: 293 (U.S.A., Iowa species key); Creighton, 1950a: 362 (**Nearctic species keys**); Yasumatsu & Brown, 1951: 29 (*C. herculeanus* complex); Kusnezov, 1952d: 192 (Argentina species key); Yasumatsu & Brown, 1957: 45 (*C. herculeanus* complex); Pisarski, 1961a: 175 (Poland species key); Gregg, 1963: 655 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 163 (U.S.A., North Dakota species key); Arnol'di, 1967: 1817 (former U.S.S.R. *C. (Camponotus)* species key); Bernard, 1967: 330 (diagnosis, Western Europe species key); Hashmi, 1973: 1 (*C. (Myrmothrix)* all species revision, key); Alayo, 1974: 27 (Cuba species key); Snelling & Hunt, 1976: 117 (Chile species key); Tarbinsky, 1976: 144 (Kyrgyzstan species key); Boven, 1977: 130 (Belgium species key); Kutter, 1977c: 191 (Switzerland species key); Arnol'di & Dlussky, 1978: 551 (former European U.S.S.R. species key); Collingwood, 1978: 90 (Iberian Peninsula species key); Collingwood, 1979: 87 (Fennoscandia & Denmark species key); Allred, 1982: 445 (U.S.A., Utah species key); Gösswald, 1985: 264 (Germany species key); Collingwood, 1985: 275 (Saudi Arabia species key); Dumper, 1986: 571 (*C. (Karavaievia)* species key); Wheeler, G.C. & Wheeler, J. 1986g: 60 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 282 (Balkans species key); Snelling, R.R. 1988: 57 (*C. (Myrmentoma)* **Nearctic species key**); Wang, C., Xiao & Wu, 1989a: 222 (China species key); Dlussky, Soyunov & Zabelin, 1990: 125 (Turkmenistan species key); Kupyanskaya, 1990: 164 (Far Eastern Russia species key); Brandão, 1991: 332 (Neotropical catalogue); Morisita, Kubota, Onoyama, et al. 1991: 38 (Japan species key); Terayama, 1991: 165 (Japan *C. (Paramyrmamblys)* species); Atanasov & Dlussky, 1992: 207 (Bulgaria species key); Wang, C. & Wu, 1994: 28 (China species key); Radchenko, 1994b: 116 (South Siberia species key); Arakelian, 1994: 82 (Armenia species key); Bolton, 1995a: 1048 (census); Douwes, 1995: 92 (Sweden species key); Dumper, Maschwitz, Weissflog et al. 1995: 104 (*C. (Karavaievia)* species key); Kupyanskaya, 1995: 352 (Far Eastern Russia species key); Wu, J. & Wang, 1995: 168 (China species key); Collingwood & Agosti, 1996: 370 (Saudi Arabia species key); Seifert, 1996b: 170 (Central Europe species key); Radchenko, 1996b: 1195 (Asiatic Palaearctic species key); Cagniant, 1996b: 87 (Morocco species key); McArthur & Adams, 1996: 18 (Australia *C. nigriceps* group, key); Mackay, 1997: 194 (*C. (Myrmostenus)* species key); Mackay & Mackay, 1997b: 319 (*C. montivagus* complex, key); Snelling, R.R. 2000: 607 (*C. montivagus* complex, key); Robertson & Zachariades, 1997: 2 (*C. fulvopilosus* group, key); Snelling & Torres, 1998: 9 (Puerto Rico & Virgin Is species key); Collingwood & Prince, 1998: 24 (Portugal species key); Terayama, 1999b: 27 (Japan species key); Shattuck, 1999: 91 (Australia synopsis); Zhou, 2001b: 200 (China, Guangxi species key); McArthur & Shattuck, 2001: 27 (Australia *C. macrocephalus* group, key); Czechowski, Radchenko & Czechowska, 2002: 153 (Poland species key); Fernández, 2002: 58 (*C. (Dendromyrmex)* diagnosis, all species revision, key); Mackay & Mackay, 2002: 248 (U.S.A., New Mexico species key); Shattuck & McArthur, 2002: 65 (Australia *C. wiederkehrli* group key); Bolton, 2003: 112 (synopsis); Shattuck, 2005: 3 (*C. aureopilus* group key); Radchenko, 2005b: 188 (North Korea species key); Hansen & Klotz, 2005: 75 (North American "Carpenter Ants" key); Snelling, R.R. 2006: 96 (U.S.A. *C. festinatus* complex key); Karmaly & Narendran, 2006: 29 (India species key); Dumper, Maschwitz & Weissflog, 2006: 77 (*C. (Karavaievia)* species key); Seifert, 2007: 152 (North and Central Europe species key); Andersen, 2007: 32 (Australia species groups); McArthur, 2007a: 290 (Australia species key); Shattuck & Janda, 2009: 252 (*C. aureopilus* group key); Mackay & Delsinne, 2009: 496 (New World *C. maculatus* complex key); Terayama, 2009: 216 (Taiwan species key); Heterick, 2009: 60 (south-western Australia species key); Ionescu-Hirsch, 2010: 59 (Israel species key); McArthur, 2010: 18 (south Australia species key); Karaman, C. et al. 2011: 191 (Turkey, Kaz Mountains species key); McArthur, 2012: 9 (*C. (Colobopsis)* species review); Czechowski, Radchenko, et al. 2012: 380 (Poland species key); Sarnat & Economo,

2012: 44 (Fiji Is species key); Karaman & Aktaç, 2013: 49 (Turkey species key); Dlussky & Putyatina, 2014: 249 (diagnosis, compression fossils).

Genus ***CHIMAEROMYRMA**

****Chimaeromyrma*** Dlussky, 1988: 58. Type-species: **Chimaeromyrma brachycephala* Dlussky, 1988: 60, by original designation.

Taxonomic history

**Chimaeromyrma incertae sedis* in Formicinae: Dlussky, 1988: 58.

**Chimaeromyrma* in Formicinae, Camponotini: Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50.

**Chimaeromyrma* as genus: all authors.

****Chimaeromyrma catalogue***: Bolton, 1995b: 145.

Genus **ECHINOPLA**

Echinopla Smith, F. 1857a: 79. Type-species: *Echinopla melanarctos* Smith, F. 1857a: 79, by subsequent designation of Wheeler, W.M. 1911f: 162.

Taxonomic history

Echinopla in Formicidae, Cryptoceridae: Smith, F. 1857a: 79.

Echinopla in Poneridae, Cryptoceridae: Smith, F. 1858b: 197.

Echinopla in Cryptoceridae: Smith, F. 1862a: 50.

Echinopla in Formicidae: Smith, F. 1862d: 415.

Echinopla in Formicinae: Mayr, 1862: 652 (in key) [Formicidae]; Mayr, 1865: 7 [Formicidae].

Echinopla in Camponotinae: Forel, 1878: 367 [Camponotidae]; Dalla Torre, 1893: 272.

Echinopla in Camponotinae, Polyrhachidini: Ashmead, 1905b: 384.

Echinopla in Camponotinae, Camponotini: Forel, 1886f: 199; Forel, 1893a: 165; Emery, 1895j: 772; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 251.

Echinopla in Formicinae, Camponotini: Wheeler, W.M. 1922a: 701; Emery, 1925b: 210; all subsequent authors except the following.

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

Echinopla as genus: all authors.

Junior synonym of **ECHINOPLA**

Mesoxena Smith, F. 1860b: 106. Type-species: *Mesoxena mistura* Smith, F. 1860b: 107, by monotypy.

Taxonomic history

Mesoxena in Ponerinae: Smith, F. 1860b: 106 [Poneridae]; Smith, F. 1871a: 324 [Poneridae]; Dalla Torre, 1893: 27.

Mesoxena in Formicinae: Mayr, 1865: 10 [Formicidae].

Mesoxena in Formicinae, Plagiolepidini: Ashmead, 1905b: 384.

Mesoxena in Formicinae, Camponotini: Forel, 1878: 369 [Camponotidae]; Emery, 1911a: 249; Emery, 1925b: 212; all subsequent authors.

Mesoxena as genus: all authors to Bolton, 1994: 50.

Mesoxena as junior synonym of *Echinopla*: Brown, 1973b: 182 [provisional]; Bolton, 1994: 50; Bolton, 2003: 121.

***Echinopla* catalogues:** Smith, F. 1862d: 415; Roger, 1863b: 9, 21; Mayr, 1863: 408, 428 (*Echinopla, Mesoxena*); Emery, 1896d: 382; Emery, 1898a: 231 (additions to 1896d); Emery, 1925b: 211, 212 (*Echinopla, Mesoxena*); Chapman & Capco, 1951: 253, 256 (Asia *Echinopla, Mesoxena*); Taylor & Brown, D.R. 1985: 122 (Australia); Taylor, 1987a: 24 (Australia); Bolton, 1995b: 183.

***Echinopla* references:** Smith, F. 1858b: 197 (diagnosis); Mayr, 1865: 7, 10 (*Echinopla, Mesoxena* diagnoses); Mayr, 1867a: 65 (diagnosis); Forel, 1878: 368 (diagnosis); Emery, 1925b: 210, 212 (*Echinopla, Mesoxena* diagnoses); Bolton, 1995a: 1049 (census); Shattuck, 1999: 95 (Australia synopsis).

Genus **FORELOPHILUS**

Forelophilus Kutter, 1931b: 193. Type-species: *Forelophilus overbecki* Kutter, 1931b: 193, by monotypy.

Taxonomic history

Forelophilus in Formicinae, Camponotini: Donisthorpe, 1943f: 646; all subsequent authors except below; Bolton, 1994: 50.

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

Forelophilus as genus: all authors.

***Forelophilus* catalogue:** Bolton, 1995b: 190.

***Forelophilus* references:** Zettel & Zimmermann, 2007: 19 (diagnosis, **all species revision, key**).

Genus ***OPISTHOPSIS***

Opisthopsis Dalla Torre, 1893: 219.

Taxonomic history

[Replacement name for *Myrmecopsis* Smith, F. 1865: 68; junior homonym of *Myrmecopsis* Newman, 1850: cxxii (Lepidoptera).]

Opisthopsis in Camponotinae: Dalla Torre, 1893: 219.

Opisthopsis in Camponotinae, Camponotini: Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 250.

Opisthopsis in Formicinae, Camponotini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 54; all subsequent authors except the following.

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

Opisthopsis as genus: all authors since Emery, 1925b: 54.

Junior homonym replaced by ***OPISTHOPSIS***

Myrmecopsis Smith, F. 1865: 68 [as subgenus of *Formica*]. Type-species: *Formica (Myrmecopsis) respiciens* Smith, F. 1865: 68, by monotypy.

Taxonomic history

[Junior homonym of *Myrmecopsis* Newman, 1850: cxxii (Lepidoptera).]

Myrmecopsis in Camponotinae: Forel, 1878: 369 [Camponotidae].

Myrmecopsis in Camponotinae, Camponotini: Forel, 1893a: 165.

Myrmecopsis as genus: Mayr, 1876: 76; Wheeler, W.M. 1910g: 144.

***Opisthopsis* catalogues:** Dalla Torre, 1893: 219; Emery, 1896d: 378; Emery, 1925b: 54; Chapman & Capco, 1951: 256 (Asia); Taylor & Brown, D.R. 1985: 127 (Australia); Taylor, 1987a: 50 (Australia); Bolton, 1995b: 300.

***Opisthopsis* references:** Forel, 1878: 369 (diagnosis); Emery, 1925b: 54 (diagnosis); Wheeler, W.M. 1918d: 345 (diagnosis, all species key); Bolton, 1995a: 1051 (census); Shattuck, 1999: 103 (Australia synopsis); Bolton, 2003: 121 (synopsis).

Genus ***OVERBECKIA***

Overbeckia Viehmeyer, 1916a: 151. Type-species: *Overbeckia subclavata* Viehmeyer, 1916a: 152, by monotypy.

Taxonomic history

Overbeckia in Camponotinae, Camponotini: Forel, 1917: 251.

Overbeckia in Formicinae, Camponotini: Wheeler, W.M. 1922a: 700; Emery, 1925b: 59; all subsequent authors.

Overbeckia as genus: all authors.

***Overbeckia* catalogues:** Emery, 1925b: 59; Bolton, 1995b: 301.

***Overbeckia* references:** Emery, 1925b: 59 (diagnosis); Bolton, 2003: 122 (synopsis).

Genus **PHASMOMYRMEX**

Phasmomyrmex Stitz, 1910: 146. Type-species: *Phasmomyrmex sericeus* Stitz, 1910: 146 (junior synonym of *Camponotus buchneri* Forel, 1886f: 183), by monotypy.

Taxonomic history

Phasmomyrmex in Dolichoderinae: Stitz, 1910: 146; Donisthorpe, 1943f: 683.

Phasmomyrmex in Formicinae, Camponotini: Emery, 1920b: 252; Wheeler, W.M. 1922a: 701; Emery, 1925b: 57; all subsequent authors except the following.

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

Phasmomyrmex as subgenus of *Camponotus*: Forel, 1912i: 90; Forel, 1914a: 264; Forel, 1917: 251.

Phasmomyrmex as genus: Stitz, 1910: 146; Emery, 1920b: 252; Wheeler, W.M. 1922a: 701; Emery, 1925b: 57; all subsequent authors.

Subgenera of PHASMOMYRMEX include the nominal plus the following.

Subgenus **PHASMOMYRMEX (MYRMORHACHIS)**

Myrmorhachis Forel, 1912i: 92 [as subgenus of *Camponotus*]. Type-species: *Camponotus polyrhachiooides* Emery, 1898a: 227 (unnecessary replacement name for *Polyrhachis paradoxa* André, 1892a: 46), by subsequent designation of Wheeler, W.M. 1913a: 81.

Taxonomic history

[Type-species not *Camponotus latangulus* Roger, 1863a: 142, unjustified subsequent designation by Forel, 1914a: 265.]

Myrmorhachis as subgenus of *Camponotus*: Forel, 1912i: 92; Forel, 1914a: 265; Forel, 1917: 251; Emery, 1920b: 251; Wheeler, W.M. 1922a: 707.

Myrmorhachis as subgenus of *Phasmomyrmex*: Emery, 1925b: 58; all subsequent authors.

Myrmorhachis as junior synonym of *Phasmomyrmex*: Brown, 1973b: 182 [provisional].

Subgenus *PHASMODYRMEX* (*MYRMACANTHA*)

Myrmacantha Emery, 1920b: 246 [as subgenus of *Camponotus*]. Type-species: *Camponotus aberrans* Mayr, 1895: 152, by original designation.

Taxonomic history

Myrmacantha as subgenus of *Camponotus*: Emery, 1920b: 246.

Myrmacantha as junior synonym of *Myrmorhachis*: Wheeler, W.M. 1921a: 18; Wheeler, W.M. 1922a: 707.

Myrmacantha as subgenus of *Phasmomyrmex*: Emery, 1925b: 58; all subsequent authors.

Phasmomyrmex catalogues: Wheeler, W.M. 1922a: 992; Emery, 1925b: 57, 58 (*Phasmomyrmex*, *P.* (*Myrmorhachis*), *P.* (*Myrmacantha*)); Bolton, 1995b: 316.

Phasmomyrmex references: Wheeler, W.M. 1922a: 992 (diagnosis); Emery, 1925b: 57, 58 (*Phasmomyrmex*, *P.* (*Myrmorhachis*), *P.* (*Myrmacantha*) diagnoses); Bolton, 2003: 122 (synopsis).

Genus *POLYRHACHIS*

Polyrhachis Smith, F. 1857a: 58. Type-species: *Formica bihamata* Drury, 1773: 73, by original designation.

Taxonomic history

[*Polyrhachis* Shuckard, in Swainson & Shuckard, 1840: 172, *nomen nudum*.]

Polyrhachis in Formicidae: Smith, F. 1858b: 58.

Polyrhachis in Formicinae: Mayr, 1862: 652 [Formicidae]; Mayr, 1865: 6 [Formicidae].

Polyrhachis in Camponotinae: Forel, 1878: 367 [Camponotidae]; Dalla Torre, 1893: 257.

Polyrhachis in Camponotinae, Polyrhachidini: Ashmead, 1905b: 384.

Polyrhachis in Camponotinae, Camponotini: Forel, 1886f: 194; Forel, 1893a: 165; Emery, 1895j: 772; Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 251; Arnold, 1924: 741.

Polyrhachis in Formicinae, Camponotini: Wheeler, W.M. 1922a: 701; Emery, 1925b: 175; all subsequent authors except the following.

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

Polyrhachis as subgenus of *Myrma*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 170. *Myrma* as subgenus of *Polyrhachis*: Forel, 1915b: 106; Forel, 1917: 251; Wheeler, W.M. 1922a: 702, 993; Emery, 1925b: 198; all subsequent authors. [Note: although *Myrma* antedates *Polyrhachis*, the former has been treated as a subgenus of the latter since Forel, 1917: 251 (see Hung, 1967b: 396 for history). Dorow, Kohout & Taylor, 1997: 236 proposed the precedence of *Polyrhachis* over *Myrma* and that precedence was established by the ICBN (Opinion 1919) 1999: 92.]

Polyrhachis as genus: all authors since Forel, 1917: 251.

[*Polyrachis*: incorrect subsequent spelling by Arnold, 1924: 741.]

Subgenera of *POLYRHACHIS* include the nominal plus the following.

[Note: all the earlier subgenera were given as provisional junior synonyms of *Polyrhachis* by Brown, 1973b: 178–184. Brown's list was repeated in Hölldobler & Wilson, 1990: 19 but with all subgenera listed as junior synonyms; subgeneric status was reinstated in Bolton, 1994: 50. These consecutive entries are not repeated individually below.]

Subgenus *POLYRHACHIS (MYRMA)*

Myrma Billberg, 1820: 104. Type-species: *Formica militaris* Fabricius, 1782: 493, by subsequent designation of Wheeler, W.M. 1911c: 859.

Taxonomic history

[Although *Myrma* antedates *Polyrhachis*, the former has been treated as a subgenus of the latter since Forel, 1917: 251 (see Hung, 1967b: 396 for history). Dorow, Kohout & Taylor, 1997: 236 proposed the precedence of *Polyrhachis* over *Myrma* and that precedence was established by the ICZN (Opinion 1919) 1999: 92.]

Polyrhachis as subgenus of *Myrma*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 170.

Myrma as subgenus of *Polyrhachis*: Forel, 1915b: 106; Forel, 1917: 251; Wheeler, W.M. 1922a: 702, 993; Emery, 1925b: 198; all subsequent authors, see note above.

Junior synonyms of *POLYRHACHIS (MYRMA)*

Hoplomyrmus Gerstäcker, 1859: 262. Type-species: *Hoplomyrmus schistaceus* Gerstäcker, 1859: 262, by monotypy.

Taxonomic history

[*Hoplomyrmus* also described as new by Gerstäcker, 1862: 508.]

Hoplomyrmus as junior synonym of *Polyrhachis*: Roger, 1861b: 174; Roger, 1863b: 6; Mayr, 1863: 446; Dalla Torre, 1893: 257.

Hoplomyrmus as junior synonym of *Myrma*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1922a: 993; Emery, 1925b: 198; Bolton, 1973b: 288.

Pseudocyrtomyrma Emery, 1921e: 18 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis revoili* André, 1887: 285, by original designation.

Taxonomic history

Pseudocyrtomyrma as subgenus of *Polyrhachis*: Emery, 1921e: 18; Emery, 1925b: 206.

Pseudocyrtomyrma as junior synonym of *Myrma*: Bolton, 1973b: 288.

Anoplomyrma Chapman, 1963: 258 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Anoplomyrma) parabiotica* Chapman, 1963: 258, by monotypy.

Taxonomic history

Anoplomyrma as junior synonym of *Myrma*: Dorow, 1995: 30.

Subgenus **POLYRHACHIS (HEMIOPTICA)**

Hemioptica Roger, 1862a: 238. Type-species: *Hemioptica scissa* Roger, 1862a: 240, by monotypy.

Taxonomic history

Hemioptica in Formicinae: Mayr, 1862: 769 [Formicidae]; Mayr, 1865: 6 [Formicidae].

Hemioptica in Camponotinae: Dalla Torre, 1893: 271.

Hemioptica in Camponotinae, Camponotini: Emery, 1895j: 772; Wheeler, W.M. 1910g: 144; all subsequent authors except the following.

Hemioptica in Camponotinae, Polyrhachidini: Ashmead, 1905b: 384.

Hemioptica as junior synonym of *Polyrhachis*: Forel, 1878: 368.

Hemioptica as subgenus of *Myrma*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 164.

Hemioptica as genus: Roger, 1862a: 238; Mayr, 1862: 769; Mayr, 1865: 6; Dalla Torre, 1893: 271; Emery, 1895j: 772; Ashmead, 1905b: 384; Wheeler, W.M. 1910g: 144; Emery, 1925b: 209; Donisthorpe, 1943f: 649; Chapman & Capco, 1951: 255.

Hemioptica as subgenus of *Polyrhachis*: Mayr, 1872: 138; Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 701; Dorow & Kohout, 1995: 95; Bolton, 1995b: 31; Dorow, 1995: 29.

Subgenus **POLYRHACHIS (HAGIOMYRMA)**

Hagiomyrma Wheeler, W.M. 1911c: 860 [as subgenus of *Polyrhachis*]. Type-species: *Formica ammon* Fabricius, 1775: 394, by original designation.

Taxonomic history

Hagiomyrma as subgenus of *Polyrhachis*: Wheeler, W.M. 1911c: 860; Forel, 1917: 251; Wheeler, W.M. 1922a: 702; Emery, 1925b: 184; all subsequent authors.

Subgenus **POLYRHACHIS (CAMPOMYRMA)**

Campomyrma Wheeler, W.M. 1911g: 860 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis clypeatus* Mayr, 1862: 683 (junior synonym of *Formica exercita* Walker, 1859: 370), by original designation.

Taxonomic history

Campomyrma as subgenus of *Polyrhachis*: Forel, 1917: 251; Wheeler, W.M. 1922a: 702; Emery, 1925b: 178; all subsequent authors.

Subgenus **POLYRHACHIS (MYRMOTHRINAX)**

Myrmothrinax Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis thrinax* Roger, 1863a: 152, by original designation.

Taxonomic history

Myrmothrinax as subgenus of *Polyrhachis*: Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 704; Emery, 1925b: 178; all subsequent authors.

Junior synonym of **POLYRHACHIS (MYRMOTHRINAX)**

Evelyna Donisthorpe, 1937c: 273 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Evelyna) cheesmanae* Donisthorpe, 1937c: 273, by original designation.

Taxonomic history

Evelyna as junior synonym of *Myrmothrinax*: Hung, 1967b: 402.

Subgenus **POLYRHACHIS (CYRTOMYRMA)**

Cyrtomyrma Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Formica rastellata* Latreille, 1802c: 130, by original designation.

Taxonomic history

Cyrtomyrma as subgenus of *Polyrhachis*: Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 701; Emery, 1925b: 207; all subsequent authors.

Subgenus **POLYRHACHIS (MYRMHOPLA)**

Myrmhopla Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Formica armata* Le Guillou, 1842: 313, by original designation.

Taxonomic history

Myrmhopla as subgenus of *Polyrhachis*: Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 701; Emery, 1925b: 190; all subsequent authors.

Junior synonyms of *POLYRHACHIS (MYRMHOPLA)*

Cephalomyrma Karavaiev, 1935a: 115 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Cephalomyrma) stylifera* Karavaiev, 1935a: 115, by monotypy.

Taxonomic history

Cephalomyrma as junior synonym of *Myrmhopla*: Hung, 1967b: 402.

Florencea Donisthorpe, 1937a: 624 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Florencea) kirkae* Donisthorpe, 1937a: 624 (junior synonym of *Polyrhachis nigriceps* Smith, F. 1863: 17), by original designation.

Taxonomic history

Florencea as junior synonym of *Myrmhopla*: Hung, 1967b: 402.

Subgenus *POLYRHACHIS (CHARIOMYRMA)*

Chariomyrma Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis guerini* Roger, 1863a: 157, by original designation.

Taxonomic history

Chariomyrma as subgenus of *Polyrhachis*: Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 702; Emery, 1925b: 185; all subsequent authors.

Subgenus *POLYRHACHIS (HEDOMYRMA)*

Hedomyrma Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis ornata* Mayr, 1876: 73, by original designation.

Taxonomic history

Hedomyrma as subgenus of *Polyrhachis*: Forel, 1915b: 107; Forel, 1917: 251; Wheeler, W.M. 1922a: 702; Emery, 1925b: 189; all subsequent authors.

Junior synonyms of *POLYRHACHIS (HEDOMYRMA)*

Dolichorhachis Mann, 1919: 386 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Dolichorhachis) malaensis* Mann, 1919: 386, by monotypy.

Taxonomic history

Dolichorhachis as subgenus of *Polyrhachis*: Mann, 1919: 386; Wheeler, W.M. 1922a: 702; Emery, 1925b: 188.

Dolichorhachis as junior synonym of *Hedomyrma*: Dorow, 1995: 26.

Morleyidris Donisthorpe, 1944c: 64 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Morleyidris) trina* Donisthorpe, 1944c: 64, by original designation.

Taxonomic history

Morleyidris as junior synonym of *Hedomyrma*: Hung, 1967b: 402.

Subgenus **POLYRHACHIS (MYRMATOPA)**

Myrmatopa Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis schang* Forel, 1879a: 123, by original designation.

Taxonomic history

Myrmatopa as subgenus of *Polyrhachis*: Forel, 1917: 251; Wheeler, W.M. 1922a: 702; Emery, 1925b: 180; all subsequent authors.

Junior synonym of **POLYRHACHIS (MYRMATOPA)**

Irenea Donisthorpe, 1938e: 502 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus (Irenea) omyrmex* Donisthorpe, 1938e: 502, by original designation.

Taxonomic history

Irenea in Dolichoderinae, Dolichoderini: Donisthorpe, 1938e: 502; Donisthorpe, 1943f: 653; Chapman & Capco, 1951: 186.

Irenea as subgenus of *Dolichoderus*: Donisthorpe, 1938e: 502.

Irenea as genus: Donisthorpe, 1941h: 59; Chapman & Capco, 1951: 186.

Irenea as junior synonym of *Polyrhachis (Myrmatopa)*: Bolton, 1994: 50; Dorow, 1995: 42.

Subgenus **POLYRHACHIS (AULACOMYRMA)**

Aulacomyrma Emery, 1921e: 17 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Aulacomyrma) porcata* Emery, 1921e: 20, by original designation.

Taxonomic history

Aulacomyrma as subgenus of *Polyrhachis*: Emery, 1921e: 17; Emery, 1925b: 197; all subsequent authors.

Junior synonym of *POLYRHACHIS* (*AULACOMYRMA*)

Johnia Karavaiev, 1927e: 43 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis* (*Johnia*) *schizospina* Karavaiev, 1927e: 44 (junior synonym of *Polyrhachis numeria* Smith, F. 1861b: 42), by monotypy.

Taxonomic history

Johnia as junior synonym of *Aulacomyrma*: Hung, 1967b: 402.

Subgenus *POLYRHACHIS* (*HIRTOMYRMA*)

Hirtomyrma Kohout, 2010: 199 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis hirta* Viehmeyer, 1914b: 59, by original designation.

Taxonomic history

Hirtomyrma as subgenus of *Polyrhachis*: Kohout, 2010: 199.

***Polyrhachis* catalogues:** Roger, 1863b: 6, 9 (*Polyrhachis*, *Hemioptica*); Mayr, 1863: 422, 443 (*Hemioptica*, *Polyrhachis*); Dalla Torre, 1893: 257, 271 (*Polyrhachis*, *Hemioptica*); Emery, 1896d: 378; Emery, 1898a: 227 (additions to 1896d); Wheeler, W.M. 1922a: 992 (Afrotropical); Emery, 1925b: 178 (*P. (Campomyrma)*); Emery, 1925b: 180 (*P. (Myrmatopa)*); Emery, 1925b: 181 (*P. (Polyrhachis)*); Emery, 1925b: 182 (*P. (Myrmotherinax)*); Emery, 1925b: 184 (*P. (Hagiomyrma)*); Emery, 1925b: 185 (*P. (Chariomyrma)*); Emery, 1925b: 188 (*P. (Dolichorhachis)*); Emery, 1925b: 189 (*P. (Hedomyrma)*); Emery, 1925b: 190 (*P. (Myrmhopla)*); Emery, 1925b: 197 (*P. (Aulacomyrma)*); Emery, 1925b: 198 (*P. (Myrma)*); Emery, 1925b: 206 (*P. (Pseudocyrtomyrma)*); Emery, 1925b: 207 (*P. (Cyrtomyrma)*); Emery, 1925b: 209 (*Hemioptica*); Chapman & Capco, 1951: 186, 255, 256 (Asia *Ireneae*, *Hemioptica*, *Polyrhachis*); Taylor & Brown, D.R. 1985: 131 (Australia); Taylor, 1987a: 59 (Australia, New Caledonia); Kohout & Taylor, 1990: 509 (Australia); Bolton, 1995b: 342; Dorow, 1995: 12.

***Polyrhachis* references:** Smith, F. 1858b: 58 (diagnosis); Mayr, 1865: 6 (*Polyrhachis*, *Hemioptica* diagnoses); Mayr, 1867a: 40, 41 (diagnosis, species groups (as "turmae")); Mayr, 1876: 68 (Australia species key); Forel, 1878: 368 (diagnosis); Mayr, 1879: 648 (species groups); André, 1887: 286 (Afrotropical species key); Forel, 1893c: 17 (India & Sri Lanka species key); Emery, 1897d: 579, 582 (*P. relucens* & *P. guerini* groups, keys); Bingham, 1903: 383 (India, Sri Lanka & Burma species key); Santschi, 1910h: 284 (*P. rastellata* group, key); Viehmeyer, 1914b: 50, 54 (*P. rastellata* & *P. hostilis* groups, keys); Wheeler, W.M. 1922a: 256, 701 (diagnosis, subgenera key); Arnold, 1924: 741 (diagnosis, South Africa species key); Emery, 1925b: 175 (diagnosis, subgenera key); Emery, 1925b: 178 (*P. (Campomyrma)* diagnosis); Emery, 1925b: 180 (*P. (Myrmatopa)* diagnosis); Emery, 1925b: 181 (*P. (Polyrhachis)* diagnosis); Emery, 1925b: 182 (*P. (Myrmotherinax)* diagnosis); Emery, 1925b: 184 (*P. (Hagiomyrma)* diagnosis); Emery, 1925b: 185 (*P. (Chariomyrma)* diagnosis); Emery, 1925b: 188 (*P. (Dolichorhachis)* diagnosis); Emery, 1925b: 189 (*P. (Hedomyrma)* diagnosis); Emery, 1925b: 190 (*P. (Myrmhopla)* diagnosis); Emery, 1925b: 197 (*P. (Aulacomyrma)* diagnosis); Emery, 1925b: 198 (*P. (Myrma)* diagnosis); Emery, 1925b: 206 (*P. (Pseudocyrtomyrma)* diagnosis); Emery, 1925b: 207 (*P. (Cyrtomyrma)* diagnosis); Emery, 1925b: 209 (*Hemioptica* diagnosis); Donisthorpe, 1938c: 246 (*P.*

(*Cyrtomyrma*) review); Santschi, 1939c: 13 (*P. (Pseudocyrtomyrma)* species key); Hung, 1962: 24 (Taiwan species key); Hung, 1967b: 395 (review of subgenera); Hung, 1970: 5 (*P. (Polyrhachis)* all species revision, key); Bolton, 1973b: 289 (Afrotropical species revision, key); Bolton, 1975c: 1 (*P. sexspinosa* group, key); Kohout, 1987: 169 (Philippines *P. sexspinosa* group, key); Kohout, 1989: 515 (Australia *P. relucens* group, key); Kohout, 1990: 500 (*P. viehmeyeri* group, key); Morisita, Kubota, Onoyama, et al. 1991: 45 (Japan species key); Wang C. & Wu, 1991: 596 (China species key); Dorow & Kohout, 1995: 96 (*P. (Hemipterica)* species key); Bolton, 1995a: 1052 (census); Dorow, 1995: 9 (subgenera revision, subgenera key); Dorow, 1995: 10-11 (*P. (Myrmhopla)* species groups, key; *P. arachne*-, *P. cryptoceroides*- *P. flavoflagellata*-, *P. furcata*- and *P. hector* species groups, keys); Dorow, 1995: 12 (*P. (Aulacomyrma)* synopsis); Dorow, 1995: 13 (*P. (Campomyrma)* synopsis); Dorow, 1995: 16 (*P. (Chariomyrma)* synopsis); Dorow, 1995: 21 (*P. (Cyrtomyrma)* synopsis); Dorow, 1995: 24 (*P. (Hagiomyrma)* synopsis); Dorow, 1995: 26 (*P. (Hedomyrma)* synopsis); Dorow, 1995: 28 (*P. (Hemipterica)* synopsis); Dorow, 1995: 30 (*P. (Myrma)* synopsis); Dorow, 1995: 42 (*P. (Myrmatopa)* synopsis); Dorow, 1995: 45 (*P. (Myrmhopla)* synopsis); Dorow, 1995: 61 (*P. (Myrmotherinax)* synopsis); Dorow, 1995: 63 (*P. (Polyrhachis)* synopsis); Wu, J. & Wang, 1995: 159 (China species key); Shattuck, 1999: 107 (Australia synopsis); Zhou, 2001b: 190 (China, Guangxi species key); Xu, 2002b: 523 (China *P. (Cyrtomyrma)* species key; Bolton, 2003: 122 (synopsis); Karmaly, 2004: 542 (India species key); Kohout, 2006a: 146 (*P. cryptoceroides* group, key); Kohout, 2006b: 87 (*P. Cyrtomyrma*) of Australia, Borneo, New Guinea, Solomon Is, keys); Kohout, 2007a: 189 (*P. Aulacomyrma*) diagnosis, all species revision, key); Kohout, 2007c: 8 (*P. (Campomyrma)* Borneo, key); Kohout, 2008a: 255 (Sulawesi species, keys); Kohout, 2008b: 298 (*P. vestita* group key); Kohout, 2008d: 12 (*P. flavoflagellata* group key); Kohout, 2009: 40, 44 (modifications to Kohout 2006b key); Terayama, 2009: 218 (Taiwan species key); Heterick, 2009: 106 (south-western Australia species key); Kohout, 2010: 169 (Australia subgenera key; *P. (Myrmhopla)* Australia species key: 171; *P. (Hirtomyrma)* Australia species key: 200); Kohout, 2012a: 38 (*P. (Myrma)* Australia species key: 38; *P. (Myrmatopa)* Australia species key: 43; *P. (Myrmotherinax)* Australia species key: 50; Kohout, 2013a: 17 (*P. (Myrma) continua* group key); Kohout, 2013d: 94, 110 (*P. (Campomyrma) gravis* and *micans* groups keys); Kohout, 2013e: 494 (*P. (Hagiomyrma)* all species key); Kohout, 2013f: 141 (*P. (Myrma) aculeata* group key); Kohout, 2014: 4 (*P. (Polyrhachis)* species key).

Genus ***PSEUDOCAMPONOTUS**

**Pseudocamponotus* Carpenter, 1930: 22. Type-species: **Pseudocamponotus elkoanus* Carpenter, 1930: 22, by original designation.

Taxonomic history

**Pseudocamponotus* in Formicinae, Camponotini: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1930: 22; Bolton, 1994: 50.

**Pseudocamponotus* as genus: all authors.

**Pseudocamponotus* catalogue: Bolton, 1995b: 369.

Tribe NOTOSTIGMATINI

Notostigmatini Bolton, 2003: 27, 126. Type-genus: *Notostigma* Emery, 1920b: 252.

Taxonomic history

Notostigmatini as tribe of Formicinae: Bolton, 2003: 27, 126.

Genus of Notostigmatini: *Notostigma*

Genus **NOTOSTIGMA**

Notostigma Emery, 1920b: 252. Type-species: *Camponotus carazzii* Emery, 1895g: 354, by original designation.

Taxonomic history

Notostigma in Formicinae, Camponotini: Wheeler, W.M. 1922a: 703; Emery, 1925b: 56; all subsequent authors to the following.

Notostigma in Formicinae, Notostigmatini: Bolton, 2003: 27, 126.

Notostigma as genus: all authors.

Notostigma catalogues: Emery, 1925b: 56; Taylor & Brown, D.R. 1985: 127; Taylor, 1987a: 48; Bolton, 1995b: 293.

Notostigma references: Emery, 1925b: 56 (diagnosis); Wheeler, G.C. & Wheeler, J. 1988: 355 (larva); Taylor, 1992a: 62 (taxonomy, notes); Shattuck, 1999: 101 (Australia synopsis).

Tribe FORMICINI

Formicariae Latreille, 1809: 124. Type-genus: *Formica* Linnaeus, 1758: 579.

Taxonomic history

Formicini as group name: Latreille, 1809: 124 [Formicariae].

Formicini as tribe of Camponotidae: Forel, 1891b: 79 [Formicii].

Formicini as tribe of Camponotinae: Forel, 1893a: 165 [Formicii]; Emery, 1895j: 772 [Formicii]; Forel, 1899c: 125 [Formicii]; Ruzsky, 1902d: 8 [Formicii]; Ruzsky, 1905b: 110 [Formicii]; Wheeler, W.M. 1910g: 143 [Formicii]; Wheeler, W.M. 1915h: 120; Forel, 1917: 249.

Formicini as tribe of Formicinae: Ashmead, 1905b: 384; Bondroit, 1918: 36; Wheeler, W.M. 1922a: 693; Emery, 1925b: 240; all subsequent authors.

Formicini references: Forel, 1893a: 165 (synoptic classification); Emery, 1895j: 772 (synoptic classification); Forel, 1917: 249 (synoptic classification); Wheeler, W.M. 1922a: 698 (genera key); Emery, 1925b: 240 (diagnosis, genera key, catalogue); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva)

diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 62 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 18 (synoptic classification); Agosti, 1990a: 295 (review of tribe, diagnosis); Agosti, 1991: 295 (*Formica* genus group diagnosis); Agosti, 1994a: 95 (diagnosis, revision of genera, phylogeny, key); Bolton, 1994: 50 (synoptic classification); Bolton, 1995a: 1039 (census); Bolton, 1995b: 12 (catalogue); Bolton, 2003: 27, 126 (diagnosis, synopsis); Dlussky, 2008a: 57 (Europe Eocene amber species key).

Genera (extant) of Formicini: *Alloformica*, *Bajcaridris*, *Cataglyphis*, *Formica*, *Iberoformica*, *Polyergus*, *Proformica*, *Rosomyrmex*.

Genera (extinct) of Formicini: **Cataglyphoides*, **Conoformica*, **Protoformica*.

Genera of Formicini

Genus ALLOFORMICA

Alloformica Dlussky, 1969a: 219 [as subgenus of *Proformica*]. Type-species: *Formica aberrans* Mayr, 1877: 7, by original designation.

Taxonomic history

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

Alloformica in Formicinae, Formicini: Dlussky & Fedoseeva, 1988: 77; Agosti, 1994a: 93; Bolton, 1994: 50; all subsequent authors.

Alloformica as genus: Dlussky & Fedoseeva, 1988: 77; all subsequent authors.

***Alloformica* catalogue:** Bolton, 1995b: 61.

***Alloformica* references:** Dlussky, Soyunov & Zabelin, 1990: 142 (Turkmenistan species key); Agosti, 1994a: 99 (diagnosis, review of genus); Bolton, 1995a: 1047 (census).

Genus BAJCARIDRIS

Bajcaridris Agosti, 1994a: 99. Type-species: *Formica (Proformica) theryi* Santschi, 1936c: 209, by original designation.

Taxonomic history

[*Bajcaridris* Agosti, 1991: 295, *nomen nudum*.]

Bajcaridris in Formicinae, Formicini: Agosti, 1994a: 93; Bolton, 1994: 50; all subsequent authors.

Bajcaridris as genus: all authors.

Bajcaridris catalogue: Bolton, 1995b: 80.

Genus **CATAGLYPHIS**

Cataglyphis Foerster, 1850b: 493. Type-species: *Cataglyphis fairmairei* Foerster, 1850b: 494 (junior synonym of *Formica bicolor* Fabricius, 1793: 351), by monotypy.

Taxonomic history

Cataglyphis in Formicinae: Mayr, 1861: 44 [Formicidae]; Mayr, 1862: 653 (in key) [Formicidae]; Mayr, 1865: 8 [Formicidae].

Cataglyphis in Camponotinae, Formicini: Wheeler, W.M. 1910g: 144; Forel, 1912i: 89; Forel, 1917: 250.

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

Cataglyphis in Formicinae, Formicini: Bondroit, 1918: 38; Wheeler, W.M. 1922a: 699; Emery, 1925b: 261; Agosti, 1994a: 93; Bolton, 1994: 50; all subsequent authors.

Cataglyphis as junior synonym of *Myrmecocystus*: Forel, 1878: 372; Emery & Forel, 1879a: 449; André, 1882b: 165; Forel, 1886f: 201; Mayr, 1886d: 424; Dalla Torre, 1893: 216; Bingham, 1903: 312; Ruzsky, 1905b: 426; Emery, 1906d: 47; Emery, 1908g: 213; Karavaiev, 1924: 301.

Cataglyphis as subgenus of *Myrmecocystus*: Wheeler, W.M. 1910g: 144.

Cataglyphis as genus: Foerster, 1850b: 493; Roger, 1863b: 12; Mayr, 1863: 402; Wheeler, W.M. 1913a: 78; Wheeler, W.M. 1922a: 945; Emery, 1925b: 261; all subsequent authors.

Junior synonyms of **CATAGLYPHIS**

Monocombus Mayr, 1855: 381. Type-species: *Formica viatica* Fabricius, 1787: 308, by monotypy.

Taxonomic history

Monocombus in Formicinae: Mayr, 1855: 381 [Formicidae].

Monocombus as junior synonym of *Myrmecocystus*: Forel, 1878: 372; Emery & Forel, 1879a: 449; André, 1882b: 165; Mayr, 1886d: 424; Dalla Torre, 1893: 216.

Monocombus as subgenus of *Cataglyphis*: Santschi, 1929b: 29.

Monocombus as junior synonym of *Cataglyphis*: Mayr, 1861: 44; Roger, 1863b: 12; Mayr, 1863: 402; Wheeler, W.M. 1922a: 944; Emery, 1925b: 261; Agosti, 1990b: 1462; Agosti, 1994a: 103.

Parafornica Forel, 1915b: 95 (footnote) [as subgenus of *Formica*]. Type-species: *Formica (Proformica) emmae* Forel, 1909e: 381, by monotypy.

Taxonomic history

Paraformica in Camponotinae, Formicini: Forel, 1917: 250.

Paraformica in Formicinae, Formicini: Wheeler, W.M. 1922a: 699; Emery, 1925b: 260.

Paraformica as subgenus of *Formica*: Forel, 1915b: 95; Forel, 1917: 250; Wheeler, W.M. 1922a: 699.

Paraformica as genus: Emery, 1925b: 260; Donisthorpe, 1943f: 680.

Paraformica as subgenus of *Proformica*: Kuznetsov-Ugamsky, 1928a: 7.

Paraformica as subgenus of *Cataglyphis*: Santschi, 1925g: 353; Santschi, 1929b: 30.

Paraformica as junior synonym of *Cataglyphis*: Brown, 1973b: 183 [provisional]; Agosti, 1990b: 1462; Agosti, 1994a: 103.

Machaeromyrma Forel, 1916: 441 [as subgenus of *Cataglyphis*]. Type-species: *Formica bombycina* Roger, 1859: 232, by original designation.

Taxonomic history

Machaeromyrma as subgenus of *Cataglyphis*: Forel, 1916: 441; Forel, 1917: 250; Wheeler, W.M. 1922a: 699; Emery, 1925b: 266; Santschi, 1929b: 30; subsequent authors to the following.

Machaeromyrma as junior synonym of *Cataglyphis*: Baroni Urbani, 1969d: 218; Agosti, 1994a: 103.

Eomonocombus Arnol'di, 1968: 1815 [as subgenus of *Cataglyphis*]. Type-species: *Myrmecocystus albicans* subsp. *cinnamomeus* Karavaiev, 1910a: 269, by original designation.

Taxonomic history

Eomonocombus as junior synonym of *Cataglyphis*: Brown, 1973b: 180 [provisional]; Agosti, 1990b: 1462; Agosti, 1994a: 103.

***Cataglyphis* catalogues:** Roger, 1863b: 12; Mayr, 1863: 402; Emery & Forel, 1879: 449 (Europe, as *Myrmecocystus*); Dalla Torre, 1893: 216 (as part of *Myrmecocystus*); Wheeler, W.M. 1922a: 945 (Afrotropical); Emery, 1925b: 260, 261, 266 (*Paraformica*, *Cataglyphis*, *C. (Machaeromyrma)*); Chapman & Capco, 1951: 197, 203 (Asia); Agosti, 1990b: 1480; Bolton, 1995b: 135.

***Cataglyphis* references:** Mayr, 1861: 44 (Europe species key); Mayr, 1865: 8 (diagnosis); André, 1874: 181 (Europe species key); Forel, 1878: 372 (diagnosis); André, 1882b: 166 (Europe & Algeria species key); Nasonov, 1889: 60 (Russia species key); Bingham, 1903: 312 (diagnosis); Ruzsky, 1905b: 426 (Russian Empire species key); Emery, 1906d: 60 (Palaearctic species (as *Myrmecocystus*), key); Wheeler, W.M. 1922a: 699 (subgenera key); Emery, 1925b: 260, 261, 266 (*Paraformica*, *Cataglyphis*, *C. (Machaeromyrma)* diagnoses); Santschi, 1929b: 56 (all species key); Menozzi, 1933b: 86 (Israel species key); Kratochvíl, 1941: 108 (Central Europe species key); Bernard, 1967: 280 (diagnosis); Tarbinsky, 1976: 197 (Kyrgyzstan species key); Arnol'di & Dlussky, 1978: 554 (former European U.S.S.R. species key); Collingwood, 1978: 92 (Iberian Peninsula species key); Agosti & Collingwood, 1987b: 284 (Balkans species key); Collingwood, 1985: 284 (Saudi Arabia species key); Agosti, 1990b:

1457 (review of genus, diagnosis, species groups key); Dlussky, Soyunov & Zabelin, 1990: 146 (Turkmenistan species key); Atanasov & Dlussky, 1992: 292 (Bulgaria species key); Agosti, 1994a: 103 (diagnosis, review of genus); Arakelian, 1994: 103 (Armenia species key); Bolton, 1995a: 1048 (census); Collingwood & Agosti, 1996: 375 (Saudi Arabia species key); Seifert, 1996b: 179 (Central Europe species key); Collingwood & Prince, 1998: 28 (Portugal species key); Radchenko, 1998: 502 (Asia species key); Radchenko, 2001: 885 (phylogeny); Chang & He, 2002b: 62 (northwest China species key); Bolton, 2003: 126 (synopsis); Seifert, 2007: 159 (North and Central Europe species key); Cagniant, 2009: 44 (Morocco species key).

Genus ***CATAGLYPHOIDES**

***Cataglyphoides** Dlussky, 2008a: 46. Type-species: **Camponotus constrictus* Mayr, 1868c: 29, by original designation.

Taxonomic history

**Cataglyphoides* in Formicinae, Formicini: Dlussky, 2008a: 46.

**Cataglyphoides* as genus: all authors.

Genus ***CONOFORMICA**

***Conoformica** Dlussky, 2008a: 48. Type-species: **Conoformica bitterfeldiana* Dlussky, 2008a: 49, by original designation.

Taxonomic history

**Conoformica* in Formicinae, Formicini: Dlussky, 2008a: 48.

**Conoformica* as genus: all authors.

Genus **FORMICA**

Formica Linnaeus, 1758: 579. Type-species: *Formica rufa* Linnaeus, 1761: 426, by subsequent designation of Curtis, 1839: 752.

Taxonomic history

Formica in Formicites: Lepeletier de Saint-Fargeau, 1835: 199.

Formica in Formicidae: Smith, F. 1858b: 1.

Formica in Formicinae: Mayr, 1861: 45 [Formicidae]; Mayr, 1862: 653 (in key) [Formicidae]; Mayr, 1865: 8 [Formicidae]; Mayr, 1868c: 47 [Formicidae].

Formica in Camponotinae: Forel, 1878: 373 [Camponotidae]; Emery & Forel, 1879a: 450 [Camponotidae]; Dalla Torre, 1893: 192.

Formica in Camponotinae, Camponotini: Forel, 1886f: 205.

Formica in Camponotinae, Formicini: Forel, 1893a: 165; Emery, 1895j: 772; Forel, 1899c: 127; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Wheeler, W.M. 1915h: 120; Forel, 1917: 250.

Formica in Formicinae, Formicini: Ashmead, 1905b: 384; Bondroit, 1918: 41; Wheeler, W.M. 1922a: 699; Emery, 1925b: 241; all subsequent authors except the following.

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

Formica as genus: all authors.

Junior synonyms of FORMICA

Formicina Shuckard, in Swainson & Shuckard, 1840: 172. Type-species: *Formica rufa* Linnaeus, 1761: 426, by subsequent designation of Wheeler, W.M. 1911f: 164.

Taxonomic history

[Type-species not *Formica flava* Fabricius, 1782: 491, unjustified subsequent designation by Emery, 1916a: 61 (footnote); repeated by Emery, 1916b: 239 and Wheeler, W.M. 1916k: 170.]

Formicina in Camponotinae, Formicini: Forel, 1917: 249.

Formicina as genus: Emery, 1916a: 61; Emery, 1916b: 239; Forel, 1917: 249; Bondroit, 1918: 19.

Formicina as subgenus of *Lasius*: Wheeler, W.M. 1916k: 172.

Formicina as junior synonym of *Lasius*: Emery, 1925b: 226; Brown, 1973b: 180.

Formicina as junior synonym of *Acanthomyops*: Donisthorpe, 1927b: 209.

Formicina as junior synonym of *Formica*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 164; Donisthorpe, 1943f: 646; Agosti, 1994a: 106; Bolton, 1994: 50. [*Formica* and *Formicina* share the same type-species, synonymy is therefore absolute.]

Neoformica Wheeler, W.M. 1913a: 82 [as subgenus of *Formica*]. Type-species: *Formica pallidefulva* Latreille, 1802c: 174, by original designation.

Taxonomic history

[*Neoformica* also described as new by Wheeler, W.M. 1913f: 548.]

Neoformica as subgenus of *Formica*: Wheeler, W.M. 1913a: 82; Wheeler, W.M. 1913f: 388 (in key); Forel, 1917: 250; Wheeler, W.M. 1922a: 700; Emery, 1925b: 244; Donisthorpe, 1943f: 673; Creighton, 1950a: 543.

Neoformica as junior synonym of *Formica*: Buren, 1968a: 39; Agosti, 1994a: 107.

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*: 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.

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; 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.

Coptoformica Müller, 1923: 146 [as subgenus of *Formica*]. Type-species: *Formica exsecta* Nylander, 1846a: 909, by subsequent designation of Donisthorpe, 1941f: 37.

Taxonomic history

Coptoformica as junior synonym of *Formica*: Smith, M.R. 1951a: 860; Smith, D.R. 1979: 1448; Agosti, 1994a: 107.

Adformica Lomnicki, 1925a: 164 [as subgenus of *Formica*]. Type-species: *Formica exsecta* Nylander, 1846a: 909, by subsequent designation of Donisthorpe, 1927b: 316.

Taxonomic history

Adformica as junior synonym of *Coptoformica*: Stitz, 1939: 306; Donisthorpe, 1943f: 620. [*Adformica* and *Coptoformica* share the same type-species, synonymy is therefore absolute.]

Formica catalogues: Roger, 1863b: 12; Mayr, 1863: 410; Emery & Forel, 1879: 450 (Europe); Cresson, 1887: 255 (U.S.A.); Dalla Torre, 1893: 192; Emery, 1925b: 244, 245, 251, 258 (*F. (Neoformica)*, *F. (Serviformica)*, *F. (Formica)*, *F. (Raptiformica)*); Chapman & Capco, 1951: 197 (Asia); Smith, M.R. 1951a: 857 (North America); Smith, D.R. 1979: 1448 (North America); Bolton, 1995b: 190.

Formica references: Mayr, 1855: 300 (diagnosis, Austria species key); Smith, F. 1858b: 1 (diagnosis); Mayr, 1861: 46 (Europe species key); Mayr, 1865: 8 (diagnosis); André, 1874: 182 (Europe species key); Forel, 1874: 51 (Switzerland species key); Forel, 1878: 373 (diagnosis); André, 1882b: 176 (Europe & Algeria species key); Provancher, 1887: 232 (Canada species key); Nasonov, 1889: 61 (Russia species key); Emery, 1893i: 643 (North America species key); Forel, 1894c: 402 (India species key); Bingham, 1903: 334 (India species key); Ruzsky, 1905b: 318 (Russian Empire species key); Wasmann, 1906: 8 (Luxemburg species key); Emery, 1909b: 180 (Palaearctic species key); Bondroit, 1910: 482 (Belgium species key); Wheeler, W.M. 1913f: 387 (subgenera, species groups, all species keys); Stitz, 1914: 88

(Central Europe species key); Donisthorpe, 1915d: 244 (Britain species key); Emery, 1916b: 257 (Italy species key); Wheeler, W.M. 1916m: 594 (U.S.A., Connecticut species key); Bondroit, 1917a: 174 (France *F. rufa* group, key); Bondroit, 1918: 41 (France & Belgium species key); Wheeler, W.M. 1922a: 699 (subgenera key); Emery, 1925b: 241 (diagnosis, subgenera key); Emery, 1925b: 244, 245, 251, 258 (*F. (Neoformica)*, *F. (Serviformica)*, *F. (Formica)*, *F. (Raptiformica)* diagnoses); Lomnicki, 1925a: 171 (Poland species key); Kuznetsov-Ugamsky, 1926b: 93 (Turkestan species key); Karavaiev, 1927c: 282 (Ukraine species key); Donisthorpe, 1927b: 284 (Britain species key); Arnol'di, 1933b: 603 (Russia species key); Karavaiev, 1936: 220 (Ukraine species key); Menozzi, 1939a: 321 (Himalaya & Tibet species key); Stitz, 1939: 306 (Germany species key); Creighton, 1940a: 1 (North America *F. rufa* subspecies key); Kratochvíl, 1941: 103 (Central Europe species key); Novák & Sadil, 1941: 103 (Central Europe species key); Cole, 1942: 375 (U.S.A., Utah species key); Holgersen, 1943b: 175 (Norway species key); Holgersen, 1944: 200 (Norway species key); Buren, 1944a: 299 (U.S.A., Iowa species key); Boven, 1947: 187 (Belgium species key); Creighton, 1950a: 456 (**Nearctic species key**); Yarrow, 1954a: 229 (Britain *F. fusca* group); Yarrow, 1955a: 29 (Britain *F. rufa* group, key); Wilson & Brown, 1955: 108 (*F. sanguinea* & *F. neogagates* groups, synopsis); Boven, 1959: 12 (Netherlands species key); Betrem, 1960b: 75 (*F. rufa* group, key); Gregg, 1963: 498 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 205 (U.S.A., North Dakota species key); Cotti, 1963: 1 (*F. rufa* group, bibliography 1930-61); Dlussky, 1964: 1026 (former U.S.S.R. *F. (Coptoformica)* species key); Collingwood, 1964: 109 (Britain species key); Brown, 1965d: 181 (*F. integra* subgroup); Dlussky, 1965a: 15 (Mongolia and Tibet species key); Dlussky, 1967a: 39 (**Palaearctic species key**); Dlussky, 1967b: 80 (*Baltic Amber species key); Bernard, 1967: 285 (diagnosis, Western Europe species key); Buren, 1968a: 36 (Nearctic *F. sanguinea* group species key); Boven, 1970b: 34 (Netherlands species key); Dlussky & Pisarski, 1971: 145 (Poland species key); Francoeur, 1973: 272 (*F. fusca* group **Nearctic, all species revision, key**); Bolton & Collingwood, 1975: 6 (Britain species key); Tarbinsky, 1976: 177 (Kyrgyzstan species key); Boven, 1977: 94 (Belgium species key); Kutter, 1977c: 236 (Switzerland species key); Arnol'di & Dlussky, 1978: 552 (former European U.S.S.R. species key); Collingwood, 1978: 93 (Iberian Peninsula species key); Collingwood, 1979: 112 (Fennoscandia & Denmark species key); Douwes, 1979: 187 (*F. rufa* group systematics); Kupyanskaya, 1980: 95 (Far Eastern Russia species key); Allred, 1982: 446 (U.S.A., Utah species key); Kupyanskaya, 1984: 103 (Far Eastern Russia *F. truncorum* complex, key); Snelling & Buren, 1985: 71 (*F. sanguinea* group **Nearctic, all species key**); Gösswald, 1985: 274 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 76 (U.S.A., Nevada species key); Nilsson & Douwes, 1987: 74 (Norway species key); Agosti & Collingwood, 1987b: 285 (Balkans species key); Gösswald, 1989: 49 (*F. rufa* group taxonomy); Agosti & Bolton, 1990b: 149 (characters); Wu, J. 1990: 4 (China species key); Dlussky, Soyunov & Zabelin, 1990: 138 (Turkmenistan species key); Kupyanskaya, 1990: 174 (Far Eastern Russia species key); Morisita, Kubota, Onoyama, et al. 1991: 31 (Japan species key); Atanasov & Dlussky, 1992: 255 (Bulgaria species key); Agosti, 1994a: 106 (diagnosis, review of genus); Radchenko, 1994b: 112 (South Siberia species key); Arakelian, 1994: 89 (Armenia species key); Bolton, 1995a: 1049 (census); Douwes, 1995: 94 (Sweden species key); Kupyanskaya, 1995: 353 (Far Eastern Russia species key); Wu, J. & Wang, 1995: 138 (China species key); Seifert, 1996b: 201 (Central Europe species key); Skinner & Allen, 1996: 41 (Britain species key); Collingwood & Prince, 1998: 25 (Portugal species key); Tinaut, A. & Martínez-Ibáñez, 1998: 36 (Iberian Peninsula *F. rufa*, *F. sanguinea* & *F. exsecta* groups, key); Seifert, 2000a: 563 (*F. (Coptoformica) Palaearctic, all species key*); Czechowski, Radchenko & Czechowska, 2002: 148 (Poland species key); Chang & He, 2002a: 51 (northwest China species key); Seifert, 2002b: 267 (*F. cinerea* group revision, key); Mackay & Mackay, 2002: 277 (U.S.A., New Mexico species key); Bolton, 2003: 127 (synopsis); Radchenko, 2005b: 188 (North Korea species key); Seifert, 2007: 176 (North and Central Europe species key); Trager, MacGown & Trager, 2007: 627 (*F. pallidefulva* group key); Dlussky, 2008a: 57 (Europe Eocene amber species key); Terayama, 2009: 224 (Taiwan species key); Seifert & Schultz,

2009: 258 (*F. rufibarbis* group key); Czechowski, Radchenko, et al. 2012: 371 (Poland species key); Dlussky & Putyatina, 2014: 254 (diagnosis, compression fossils).

Genus **IBEROFORMICA**

Iberoformica Tinaut, 1990a: 282 [as subgenus of *Formica*]. Type-species: *Formica subrufa* Roger, 1859: 236, by original designation.

Taxonomic history

Iberoformica as junior synonym of *Formica*: Agosti, 1994a: 107; Bolton, 2003: 128.

Iberoformica as genus: Muñoz-López, et al. 2012: 30.

Genus **POLYERGUS**

Polyergus Latreille, 1804: 179. Type-species: *Formica rufescens* Latreille, 1798: 44, by monotypy.

Taxonomic history

Polyergus in Formicites: Lepeletier de Saint-Fargeau, 1835: 198.

Polyergus in Formicidae: Smith, F. 1858b: 1.

Polyergus in Formicinae: Mayr, 1855: 383 [Formicidae]; Mayr, 1861: 43 [Formicinae]; Mayr, 1862: 653 [Formicidae]; Mayr, 1865: 8 [Formicidae].

Polyergus in Camponotinae: Forel, 1878: 367 [Camponotidae]; Dalla Torre, 1893: 214.

Polyergus in Camponotinae, Camponotini: Forel, 1886f: 200.

Polyergus in Camponotinae, Formicini: Forel, 1893a: 165; Emery, 1895j: 772; Forel, 1899c: 128; Wheeler, W.M. 1910g: 143; Forel, 1912i: 89; Forel, 1917: 250.

Polyergus in Formicinae, Formicini: Ashmead, 1905b: 384; Bondroit, 1918: 41; Wheeler, W.M. 1922a: 699; Emery, 1925b: 267; all subsequent authors except the following.

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

Polyergus as genus: all authors.

***Polyergus* catalogues:** Roger, 1863b: 12; Mayr, 1863: 443; Emery & Forel, 1879: 450 (Europe); Cresson, 1887: 255 (U.S.A.); Dalla Torre, 1893: 214; Emery, 1925b: 267; Chapman & Capco, 1951: 203 (Asia); Smith, M.R. 1951a: 873 (North America); Smith, D.R. 1979: 1466 (North America); Bolton, 1995b: 342.

***Polyergus* references:** Mayr, 1855: 383 (diagnosis); Mayr, 1865: 8 (diagnosis); Forel, 1878: 373 (diagnosis); André, 1882b: 162 (Europe & Algeria species); Emery, 1925b: 267 (diagnosis); Buren, 1944a: 310 (U.S.A., Iowa species key); Smith, M.R. 1947g: 152 (U.S.A. species key); Creighton, 1950a: 556 (**Nearctic species key**); Gregg, 1963: 632 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 274 (U.S.A., North Dakota species key); Bernard, 1967: 329 (diagnosis); Wheeler, J. 1968: 156

(Nearctic species, male genitalia); Wheeler, G.C. & Wheeler, J. 1986g: 95 (U.S.A., Nevada species key); Kupyanskaya, 1990: 207 (Far Eastern Russia species key); Agosti, 1994a: 109 (diagnosis, review of genus); Bolton, 1995a: 1052 (census); Kupyanskaya, 1995: 361 (Far Eastern Russia species key); Mackay & Mackay, 2002: 359 (U.S.A., New Mexico species key); Bolton, 2003: 129 (synopsis); Trager, 2013: 509 (**all species revision, key**).

Genus **PROFORMICA**

Proformica Ruzsky, 1902d: 13 [as subgenus of *Formica*]. Type-species: *Formica nasuta* Nylander, 1856b: 66, by monotypy.

Taxonomic history

[*Proformica* also described as new by Ruzsky, 1903b: 303.]

Proformica in Formicinae, Lasiini: Ashmead, 1905b: 384.

Proformica in Camponotinae, Formicini: Forel, 1917: 250.

Proformica in Formicinae, Formicini: Bondroit, 1918: 40; Wheeler, W.M. 1922a: 699; Emery, 1925b: 242; all subsequent authors except the following.

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

Proformica as subgenus of *Formica*: Ruzsky, 1902d: 13; Wheeler, W.M. 1910g: 143; Forel, 1917: 250; Wheeler, W.M. 1922a: 699; Emery, 1925b: 242; Donisthorpe, 1943f: 687; Creighton, 1950a: 457.

Proformica as genus: Bondroit, 1918: 40; Kuznetsov-Ugamsky, 1927b: 26; Kuznetsov-Ugamsky, 1928a: 7; subsequent authors except the above.

Proformica catalogues: Emery, 1925b: 242 (*Formica (Proformica)*); Bolton, 1995b: 368.

Proformica references: Emery, 1925b: 242 (*Formica (Proformica)* diagnosis); Kuznetsov-Ugamsky, 1927b: 28 (Turkestan species key); Kuznetsov-Ugamsky, 1928a: 7 (central Asia species key); Bernard, 1967: 282 (diagnosis, Western Europe species key); Dlussky, 1969a: 231 (Russia and contiguous countries, key); Tarbinsky, 1976: 165 (Kyrgyzstan species key); Collingwood, 1978: 92 (Iberian Peninsula species key); Agosti & Collingwood, 1987b: 287 (Balkans species key); Atanasov & Dlussky, 1992: 287 (Bulgaria species key); Agosti, 1994a: 112 (diagnosis, review of genus); Radchenko, 1994b: 115 (South Siberia species key); Arakelian, 1994: 109 (Armenia species key); Bolton, 1995a: 1052 (census); Collingwood & Prince, 1998: 27 (Portugal species key); Wu, J. & Wang, 1995: 148 (China species key); Bolton, 2003: 130 (synopsis); Dubovikoff, 2005b: 190 (Caucasian Isthmus species key).

Genus ***PROTOFORMICA**

**Protoformica* Dlussky, 1967b: 83 [as subgenus of *Formica*]. Type-species: **Formica (Protoformica) proformicoides* Dlussky, 1967b: 85, by original designation.

Taxonomic history

**Protoformica* in Formicinae, Formicini: Dlussky & Fedoseeva, 1988: 77; all subsequent authors.

**Protoformica* as genus: Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50.

****Protoformica catalogue***: Bolton, 1995b: 369.

****Protoformica references***: Dlussky, 2008a: 56 (diagnosis).

Genus ***ROSSOMYRMEX***

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

Taxonomic history

Rossomyrmex in Formicinae, Formicini: Donisthorpe, 1943g: 725; all subsequent authors except the following.

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

Rossomyrmex as genus: all authors.

Rossomyrmex catalogue: Bolton, 1995b: 382.

Rossomyrmex references: Agosti, 1994a: 112 (diagnosis, review of genus); Bolton, 1995a: 1052 (census); Tinaut, 2007: 136 (discussion of species).

Tribe **MELOPHORINI**

Melophorini Forel, 1912i: 88 (diagnosis in key). Type-genus: *Melophorus* Lubbock, 1883: 51.

Taxonomic history

Melophorini as tribe of Camponotinae: Forel, 1912i: 88; Forel, 1917: 248.

Melophorini as tribe of Formicinae: Wheeler, W.M. 1922a: 692; Emery, 1925b: 10; Wheeler, W.M. 1935c: 69; all subsequent authors.

Melophorini references: Forel, 1893a: 165 (synoptic classification); Emery, 1895j: 772 (synoptic classification); Forel, 1917: 248 (synoptic classification); Wheeler, W.M. 1922a: 694 (genera key); Emery, 1925b: 10 (diagnosis, genera key, catalogue); Brown, 1955d: 471 (review of tribe); Wheeler, G.C. & Wheeler, J. 1970: 652 (larva diagnosis); Wheeler, G.C. & Wheeler, J. 1976b: 62 (larva, review & synthesis); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Hölldobler & Wilson, 1990: 17

(synoptic classification); Bolton, 1994: 50 (synoptic classification); Bolton, 1995a: 1039 (census); Bolton, 1995b: 12 (catalogue); Bolton, 2003: 28, 130 (diagnosis, synopsis).

Genus of Melophorini: *Melophorus*.

Genus *MELOPHORUS*

Melophorus Lubbock, 1883: 51. Type-species: *Melophorus bagoti* Lubbock, 1883: 52, by monotypy.

Taxonomic history

Melophorus in Camponotinae: Dalla Torre, 1893: 175.

Melophorus in Camponotinae, Plagiolepidini: Forel, 1886f: 213; Forel, 1893a: 165; Emery, 1895j: 772; Wheeler, W.M. 1910g: 143.

Melophorus in Formicinae, Lasiini: Ashmead, 1905b: 384.

Melophorus in Camponotinae, Melophorini: Forel, 1912i: 88; Forel, 1917: 248.

Melophorus in Formicinae, Melophorini: Wheeler, W.M. 1922a: 694; Emery, 1925b: 10; Wheeler, W.M. 1935c: 71; Brown, 1955d: 474; all subsequent authors except the following.

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

Melophorus as genus: all authors.

Junior synonyms of *MELOPHORUS*

Erimelophorus Wheeler, W.M. 1935c: 71 [as subgenus of *Melophorus*]. Type-species: *Melophorus wheeleri* Forel, 1910b: 60, by original designation.

Taxonomic history

Erimelophorus as junior synonym of *Melophorus*: Brown, 1955d: 474.

Trichomelophorus Wheeler, W.M. 1935c: 71 [as subgenus of *Melophorus*]. Type-species: *Melophorus hirsutus* Forel, 1902h: 488, by original designation.

Taxonomic history

Trichomelophorus as junior synonym of *Melophorus*: Brown, 1955d: 474.

Melophorus catalogues: Dalla Torre, 1893: 175; Emery, 1925b: 10; Taylor & Brown, D.R. 1985: 122; Taylor, 1987a: 37; Bolton, 1995b: 250.

Melophorus references: Emery, 1925b: 10 (diagnosis); Brown, 1955d: 474 (review of genus); Shattuck, 1999: 96 (Australia synopsis); Andersen, 2007: 49 (species groups key); Heterick, 2009: 93 (south-western Australia species key).

Genera *incertae sedis* in FORMICINAE

Genus ***ATTOPSIS**

***Attopsis** Heer, 1850: 155. Type-species: **Attopsis longipennis* Heer, 1849: 155, by subsequent designation of Wheeler, W.M. 1911f: 159.

Taxonomic history

**Attopsis* in Myrmicinae: Dalla Torre, 1893: 139; Handlirsch, 1907: 877.

**Attopsis* in Myrmicinae, Cataulacini: Donisthorpe, 1943f: 627.

**Attopsis incertae sedis* in Myrmicinae: Bolton, 1994: 106; Bolton, 1995b: 77.

**Attopsis* in Formicinae: Dlussky & Putyatina, 2014: 247.

***Attopsis references:** Dlussky & Putyatina, 2014: 247 (diagnosis).

Genus ***CAMPONOTITES**

***Camponotites** Steinbach, 1967: 101. Type-species: **Camponotites silvestris* Steinbach, 1967: 101, by monotypy.

Taxonomic history

**Camponotites* senior synonym of **Rabidia*: Dlussky, Wappler & Wedmann, 2008: 616.

**Camponotites* senior homonym and senior synonym of **Camponotites* Dlussky: Dlussky, Karl, et al. 2011: 451.

**Camponotites incertae sedis* in Formicinae: Dlussky, Karl, et al. 2011: 451.

**Camponotites* as genus: all authors.

Junior synonyms of ***CAMPONOTITES**

***Camponotites** Dlussky, 1981b: 76. Type-species: **Camponotites macropterus* Dlussky, 1981b: 76, by monotypy.

Taxonomic history

**Camponotites incertae sedis* in Formicidae: Hölldobler & Wilson, 1990: 18; Dlussky & Rasnitsyn, 2002: 418.

**Camponotites* in Formicinae, Camponotini: Bolton, 1994: 50; Bolton, 1995b: 83; Bolton, 2003: 112.

**Camponotites* junior homonym and junior synonym of **Camponotites* Steinbach: Dlussky, Karl, et al. 2011: 451.

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

Taxonomic history

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

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

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

Genus ****DRYMOMYRMEX***

**Drymomyrmex* Wheeler, W.M. 1915h: 135. Type-species: **Drymomyrmex fuscipennis* Wheeler, W.M. 1915h: 136, by original designation.

Taxonomic history

**Drymomyrmex* in Camponotinae, Camponotini: Wheeler, W.M. 1915h: 135.

**Drymomyrmex* in Formicinae, Brachymyrmeini: Wheeler, W.M. 1929a: 12.

**Drymomyrmex* in Formicinae, Camponotini: Donisthorpe, 1943f: 641; Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 50.

**Drymomyrmex* as junior synonym of *Camponotus*: Dlussky, 1997: 623; Bolton, 2003: 112.

**Drymomyrmex* as genus: Dlussky & Rasnitsyn, 2009: 1036 (by implication *incertae sedis* in Formicinae).

[**Dryomymrmex*: incorrect subsequent spelling by Donisthorpe, 1920: 93 and Wheeler, W.M. 1929a: 12.]

Genus ****HEERIDRIS***

****Heeridris*** Dlussky & Putyatina, 2014: 251. Type-species: **Heeridris croaticus* Dlussky & Putyatina, 2014: 251, by original designation.

Taxonomic history

**Heeridris incertae sedis* in Formicinae: Dlussky & Putyatina, 2014: 251.

Genus **IMHOFFIA*

**Imhoffia* Heer, 1850: 153. Type-species: **Imhoffia nigra* Heer, 1849: 153, by monotypy.

Taxonomic history

**Imhoffia incertae sedis* in Camponotinae: Dalla Torre, 1893: 273.

**Imhoffia incertae sedis* in Formicinae: Handlirsch, 1907: 868; Donisthorpe, 1943f: 653; Bolton, 1994: 51; Bolton, 1995b: 217; Bolton, 2003: 28.

**Imhoffia* as genus: all authors.

Genus **KYROMYRMA*

**Kyromyrma* Grimaldi & Agosti, 2000: 13681. Type-species: **Kyromyrma neffi* Grimaldi & Agosti, 2000: 13681, by original designation.

Taxonomic history

**Kyromyrma incertae sedis* in Formicinae: Grimaldi & Agosti, 2000: 13681; Bolton, 2003: 28.

**Kyromyrma* as genus: all authors.

Genus **LEUCOTAPHUS*

**Leucotaphus* Donisthorpe, 1920: 89. Type-species: **Leptothorax gurnetensis* Cockerell, 1915: 485, by original designation.

Taxonomic history

**Leucotaphus* in Camponotinae, Formicini: Donisthorpe, 1920: 89.

**Leucotaphus* in Formicinae, Formicini: Donisthorpe, 1943f: 657; Bolton, 1994: 50; Bolton, 1995b: 246.

**Leucotaphus incertae sedis* in Formicinae: Bolton, 2003: 28.

**Leucotaphus* as genus: all authors.

Genus **PROTRECHINA*

**Protrechina* Wilson, 1985d: 211. Type-species: **Protrechina carpenteri* Wilson, 1985d: 213, by original designation.

Taxonomic history

**Protrechina* in Formicinae, Prenolepidini: Hölldobler & Wilson, 1990: 18.

**Protrechina* in Formicinae, Lasiini: Bolton, 1994: 50, Bolton, 1995b: 369.

**Protrechina incertae sedis* in Formicinae: Wilson, 1985d: 211; Dlussky & Fedoseeva, 1988: 77; Bolton, 2003: 28.

**Protrechina* as genus: all authors.

Genera of Hong (2002), *incertae sedis* in FORMICINAE

Genus **CURTIPALPULUS*

**Curtipalpulus* Hong, 2002: 612. Type-species: **Curtipalpulus eocenicus* Hong, 2002: 614, by original designation.

Taxonomic history

**Curtipalpulus* in Formicinae: Hong, 2002: 612. [Note: probably Dolichoderinae.]

Genus **EOLEPTOCERITES*

**Eoleptocerites* Hong, 2002: 570. Type-species: **Eoleptocerites chinensis* Hong, 2002: 571, by original designation.

Taxonomic history

**Eoleptocerites* in Formicinae: Hong, 2002: 570. [Note: probably Dolichoderinae.]

Genus **EURYTARSITES*

**Eurytarsites* Hong, 2002: 590. Type-species: **Eurytarsites fushunensis* Hong, 2002: 590, by original designation.

Taxonomic history

**Eurytarsites* in Formicinae: Hong, 2002: 590.

Genus **FUSHUNIFORMICA*

**Fushuniformica* Hong, 2002: 617. Type-species: **Fushuniformica spinata* Hong, 2002: 617, by original designation.

Taxonomic history

**Fushuniformica* in Formicinae: Hong, 2002: 617.

Genus **HUAXIAFORMICA*

**Huaxiaformica* Hong, 2002: 580. Type-species: **Huaxiaformica mallepetiolata* Hong, 2002: 580, by original designation.

Taxonomic history

**Huaxiaformica* in Formicinae: Hong, 2002: 580. [Note: probably Dolichoderinae.]

Genus *LEPTOGASTERITUS

**Leptogasteritus* Hong, 2002: 577. Type-species: **Leptogasteritus capricornutes* Hong, 2002: 577, by original designation.

Taxonomic history

**Leptogasteritus* in Formicinae: Hong, 2002: 577. [Note: probably Dolichoderinae.]

Genus *LIAOFORMICA

**Liaoformica* Hong, 2002: 583. Type-species: **Liaoformica longipetiolata* Hong, 2002: 583, by original designation.

Taxonomic history

**Liaoformica* in Formicinae: Hong, 2002: 583. [Note: probably Dolichoderinae.]

Genus *LONGIFORMICA

**Longiformica* Hong, 2002: 603. Type-species: **Longiformica dongzhouheensis* Hong, 2002: 604, by original designation.

Taxonomic history

**Longiformica* in Formicinae: Hong, 2002: 603.

Genus *MAGNOGASTERITES

**Magnogasterites* Hong, 2002: 592. Type-species: **Magnogasterites curticornutus* Hong, 2002: 594, by original designation.

Taxonomic history

**Magnogasterites* in Formicinae: Hong, 2002: 592.

Genus *ORBICAPITIA

**Orbicpititia* Hong, 2002: 601. Type-species: **Orbicpititia reticulata* Hong, 2002: 602, by original designation.

Taxonomic history

**Orbicpititia* in Formicinae: Hong, 2002: 601.

Genus *OVALICAPITO

**Ovalicapito* Hong, 2002: 596. Type-species: **Ovalicapito fushunensis* Hong, 2002: 596, by original designation.

Taxonomic history

**Ovalicapito* in Formicinae: Hong, 2002: 596.

Genus *OVALIGASTRULA

**Ovaligastrula* Hong, 2002: 599. Type-species: **Ovaligastrula xilutianensis* Hong, 2002: 599, by original designation.

Taxonomic history

**Ovaligastrula* in Formicinae: Hong, 2002: 599.

Genus *SINOFORMICA

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

Taxonomic history

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

Genus *SINOTENUICAPITO

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

Taxonomic history

**Sinotenuicapito* in Formicinae: Hong, 2002: 587. [Note: probably Dolichoderinae.]

Genus *WILSONIA

**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*, not seen.]

**Wilsonia* in Formicinae: Hong, 2002: 608.

SYNOPSIS OF FORMICIDAE: SUBFAMILIES MYRMECIINAE AND PSEUDOMYRMECINAE (MYRMECIOMORPHS)

SUBFAMILY MYRMECIINAE

Subfamily MYRMECIINAE

Myrmeciidae Emery, 1877a: 71. Type-genus: *Myrmecia* Fabricius, 1804: 423.

Taxonomic history

Myrmeciinae as group of Myrmicidae: Emery, 1877a: 71 [Myrmeciidae].

Myrmeciinae as subfamily of Poneridae: Ashmead, 1905b: 382.

Myrmeciinae as subfamily of Formicidae: Clark, 1951: 17; Brown, 1954e: 22; all subsequent authors.

Myrmeciinae as myrmeciomorph subfamily of Formicidae: Bolton, 2003: 29, 132.

Myrmeciinae as formicoid subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell, *et al.* 2006: 102.

Myrmeciinae as formicoid myrmeciomorph subfamily of Formicidae: Ward, 2007a: 556.

Tribes of Myrmeciinae: Myrmeciini, Prionomyrmecini.

Genera (extinct) incertae sedis in Myrmeciinae: **Archimyrmex*, **Avitomyrmex*, **Macabeemyrma*, **Ypresiomyrma*.

Collective group name in Myrmeciinae: **Myrmecites*.

Tribe MYRMECIINI

Myrmeciidae Emery, 1877a: 71. Type-genus: *Myrmecia* Fabricius, 1804: 423.

Taxonomic history

Myrmeciini as tribe of Ponerinae: Forel, 1893a: 162 [Myrmecii]; Emery, 1895j: 766 [Myrmecii]; Emery, 1901a: 36 [Myrmecii]; Ruzsky, 1905b: 174 [Myrmecii]; Wheeler, W.M. 1910g: 134 [Myrmecii]; Emery, 1911d: 17; Forel, 1917: 235; Wheeler, W.M. 1922a: 636, 640; subsequent authors to the following.

Myrmeciini as tribe of Myrmeciinae: Brown, 1954e: 23; all subsequent authors.

Genus of Myrmeciini: *Myrmecia*.

Genus MYRMECIA

Myrmecia Fabricius, 1804: 423. Type-species: *Formica gulosa* Fabricius, 1775: 395, by subsequent designation of Shuckard, in Swainson & Shuckard, 1840: 173.

Taxonomic history

Myrmecia in Poneridae, Myrmicidae: Smith, F. 1858b: 143.

Myrmecia in Myrmicinae: Mayr, 1865: 18 [Myrmicidae]; Mayr, 1866b: 896 [Myrmicidae].

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

Myrmecia in Ponerinae: Mayr, 1862: 714 [Poneridae]; Dalla Torre, 1893: 19.

Myrmecia in Poneridae, Myrmeciinae: Ashmead, 1905b: 382.

Myrmecia in Ponerinae, Myrmeciini: Forel, 1893a: 162 [Myrmecii]; Emery, 1895j: 766 [Myrmecii]; Wheeler, W.M. 1910g: 134 [Myrmecii]; Emery, 1911d: 17; Forel, 1917: 235; Wheeler, W.M. 1922a: 640; Clark, 1934c: 50; Donisthorpe, 1943f: 665.

Myrmecia in Myrmeciinae: Clark, 1951: 16 (in key); Brown, 1954e: 23; all subsequent authors.

Myrmecia as genus: all authors.

Junior synonyms of *MYRMECIA*

Promyrmecia Emery, 1911d: 19 [as subgenus of *Myrmecia*]. Type-species: *Myrmecia aberrans* Forel, 1900b: 54, by original designation.

Taxonomic history

Promyrmecia as subgenus of *Myrmecia*: Forel, 1917: 235; Wheeler, W.M. 1922a: 640; Clark, 1927: 37; Donisthorpe, 1943f: 688.

Promyrmecia as genus: Clark, 1943: 84; Clark, 1951: 119.

Promyrmecia as junior synonym of *Myrmecia*: Brown, 1953j: 1; all subsequent authors.

Pristomyrmecia Emery, 1911d: 21 [as subgenus of *Myrmecia*]. Type-species: *Myrmecia mandibularis* Smith, F. 1858b: 145, by original designation.

Taxonomic history

Pristomyrmecia as subgenus of *Myrmecia*: Forel, 1917: 235; Wheeler, W.M. 1922a: 640.

Pristomyrmecia as junior synonym of *Promyrmecia*: Clark, 1927: 37; Clark, 1943: 84; Clark, 1951: 119.

Pristomyrmecia as junior synonym of *Myrmecia*: Brown, 1953j: 1; all subsequent authors.

Halmamymecia Wheeler, W.M. 1922b: 195 [as subgenus of *Myrmecia*]. Type-species: *Myrmecia pilosula* Smith, F. 1858b: 146, by original designation.

Taxonomic history

Halmamyrmezia as junior synonym of *Promyrmecia*: Clark, 1927: 37; Clark, 1943: 84; Clark, 1951: 119.

Halmamyrmezia as junior synonym of *Myrmecia*: Brown, 1953j: 1; all subsequent authors.

Myrmecia catalogues: Roger, 1863b: 22; Mayr, 1863: 429 ; Dalla Torre, 1893: 19; Emery, 1911d: 19, 19, 21 (*M. (Promyrmecia)*, *M. (Myrmecia)*, *M. (Pristomyrmecia)*); Taylor & Brown, D.R. 1985: 6 (Australia); Taylor, 1987a: 41 (Australia, New Caledonia, New Zealand); Bolton, 1995b: 270.

Myrmecia and Myrmeciinae references: Smith, F. 1858b: 143 (diagnosis); Mayr, 1862: 723 (all species key); Mayr, 1865: 18 (diagnosis); Forel, 1893a: 162 (diagnosis); Emery, 1895j: 766 (diagnosis); Wheeler, W.M. 1910g: 134 (diagnosis); Emery, 1911d: 17 (diagnosis, subgenera key); Forel, 1917: 235 (synoptic classification); Clark, 1943: 85 (*Promyrmecia* species key); Clark, 1951: 21, 119 (*Myrmecia*, *Promyrmecia* all species revisions, keys); Brown, 1953j: 1 (revisionary notes); Brown, 1954e: 22 (diagnosis, phylogeny); Eisner, 1957: 449 (proventriculus morphology); Brown, 1958h: 10 (New Zealand); Gotwald, 1969: 113 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 38 (diagnosis); Brown, 1973b: 165 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 46 (larvae, review & synthesis); Greenslade, 1979: 11 (South Australia, review); Kugler, C. 1980b: 263 (sting structure); Wheeler, G.C. & Wheeler, J. 1985: 256 (synoptic classification); Billen, 1986: 170 (Dufour's gland); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Billen, 1988: 27 (comparison of genera); Billen, 1990: 133 (sting bulb gland); Ogata, 1991a: 353 (species groups review, phylogeny); Ogata & Taylor, 1991d: 1623 (all species review, key); Brandão, 1991: 390 (Neotropical *fauna, synoptic classification); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1994: 73 (diagnosis, synoptic classification); Bolton, 1995a: 1050 (census); Shattuck, 1999: 119 (Australia, synopsis); Baroni Urbani, 2000: 480 (phylogeny); Dlussky & Rasnitsyn, 2002: 418 (*fossil taxa, diagnosis for impression fossils); Ward & Brady, 2003: 361 (phylogeny, classification); Bolton, 2003: 29, 131 (diagnosis, synopsis); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell, et al. 2006: 102 (phylogeny); Archibald, Cover & Moreau, 2006: 505 (*fossil taxa, morphology, systematics, discussion); Heterick, 2009: 119 (south-western Australia species key); Keller, 2011: 1 (morphology, phylogeny).

Tribe PRIONOMYRMECINI

Prionomyrmicini Wheeler, W.M. 1915h: 25. Type-genus: **Prionomyrmex* Mayr, 1868c: 77.

Taxonomic history

Prionomyrmecini as tribe of Ponerinae: Wheeler, W.M. 1915h: 25 [Prionomyrmicini].

Prionomyrmecini as subfamily of Formicidae: Baroni Urbani, 2000: 479 [Prionomyrmecinae]; Baroni Urbani, 2005: 590 [Prionomyrmecinae].

Prionomyrmecini as tribe of Myrmeciinae: Brown, 1954e: 22 [Prionomyrmicini]; Baroni Urbani, Bolton & Ward, 1992: 303; Bolton, 1994: 73; Bolton, 1995b: 15; Ward & Brady, 2003: 377; Bolton, 2003: 30, 132.

Junior synonym of PRIONOMYRMECINI

Nothomyrmecii Clark, 1934a: 8. Type-genus: *Nothomyrmecia* Clark, 1934a: 17.

Taxonomic history

Nothomyrmecii as tribe of Ponerinae: Clark, 1934a: 8.

Nothomyrmecii as subfamily of Formicidae: Clark, 1951: 16 (in key) [Nothomyrmeciinae]; Taylor, 1978a: 982; Snelling, R.R. 1981: 399; Taylor & Brown, D.R. 1985: 5; Dlussky & Fedoseeva, 1988: 78; Bolton, 1990c: 1362; Hölldobler & Wilson, 1990: 11; Baroni Urbani, Bolton & Ward, 1992: 317; Bolton, 1994: 152.

Nothomyrmecii as tribe of Myrmeciinae: Brown, 1953j: 3 [Nothomyrmeciini]; Brown, 1954e: 23 [Nothomyrmeciini]; Wheeler, G.C. & Wheeler, J. 1985: 256 [Nothomyrmeciini].

Nothomyrmecii as tribe of Nothomyrmeciinae: Bolton, 1994: 152 [Nothomyrmeciini].

Nothomyrmecii as junior synonym of Prionomyrmecini: Baroni Urbani, 2000: 479 [Nothomyrmeciinae]; Bolton, 2003: 133; Ward & Brady, 2003: 375.

Genus (extant) of Prionomyrmecini: *Nothomyrmecia*.

Genus (extinct) of Prionomyrmecini: **Prionomyrmex*.

Prionomyrmecini references: Bolton, 2003: 30, 132 (diagnosis, synopsis).

Genera of Prionomyrmecini

Genus NOTHOMYRMECIA

Nothomyrmecia Clark, 1934a: 17. Type-species: *Nothomyrmecia macrops* Clark, 1934a: 19, by original designation.

Taxonomic history

Nothomyrmecia in Ponerinae, Nothomyrmecii: Clark, 1934a: 8.

Nothomyrmecia in Myrmicinae, Myrmeciini: Donisthorpe, 1943f: 675.

Nothomyrmecia in Ponerinae, Myrmeciini: Donisthorpe, 1944b: 59.

Nothomyrmecia in Myrmeciinae, Nothomyrmeciini: Brown, 1953j: 3; Brown, 1973b: 165; Wheeler, G.C. & Wheeler, J. 1985: 256.

Nothomyrmecia in Nothomyrmeciinae: Clark, 1951: 16; Taylor, 1978a: 982; Snelling, R.R. 1981: 399; Wheeler, G.C. Wheeler, J. & Taylor, 1980: 136; Taylor & Brown, D.R. 1985: 5; Dlussky &

Fedoseeva, 1988: 78; Bolton, 1990c: 1362; Hölldobler & Wilson, 1990: 11; Baroni Urbani, Bolton & Ward, 1992: 317.

Nothomyrmecia in Nothomyrmeciinae, Nothomyrmeciini: Bolton, 1994: 152.

Nothomyrmecia in Prionomyrmecinae: Baroni Urbani, 2000: 479.

Nothomyrmecia in Myrmeciinae, Prionomyrmecini: Ward & Brady, 2003: 375; Bolton, 2003: 30, 133.

Nothomyrmecia as junior synonym of **Prionomyrmex*: Baroni Urbani, 2000: 479; Baroni Urbani, 2005: 591.

Nothomyrmecia as genus: all authors except the two Baroni Urbani entries above.

***Nothomyrmecia* catalogues:** Taylor & Brown, D.R. 1985: 5; Bolton, 1995b: 292.

***Nothomyrmecia* references:** Brown & Wilson, 1959a: 25 (historical); Taylor, 1978a: 979 (revision, anatomy, phylogeny); Greenslade, 1979: 13 (South Australia, review); Kugler, C. 1980b: 263 (sting structure); Wheeler, G.C. Wheeler, J. & Taylor, 1980: 131 (larva); Billen, 1988: 27 (comparison of genera); Billen, 1990: 133 (sting bulb gland); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1995a: 1042 (census); Shattuck, 1999: 58, 177 (Australia, synopsis); Baroni Urbani, 2000: 478 (diagnosis, phylogeny); Bolton, 2003: 133 (synopsis); Ward & Brady, 2003: 375 (phylogeny, classification); Baroni Urbani, 2005: 591 (phylogeny, classification).

Genus ***PRIONOMYRMEX**

***Prionomyrmex** Mayr, 1868c: 77. Type-species: **Prionomyrmex longiceps* Mayr, 1868c: 78, by monotypy.

Taxonomic history

**Prionomyrmex* in Myrmicidae, Myrmeciidae: Emery, 1877a: 81.

**Prionomyrmex* in Ponerinae: Mayr, 1868c: 77 [Poneridae]; Dalla Torre, 1893: 22.

**Prionomyrmex* in Ponerinae, Prionomyrmecini: Wheeler, 1915e: 25.

**Prionomyrmex* in Myrmeciinae, Prionomyrmecini: Brown, 1954e: 22; Bolton, 1994: 73; Ward & Brady, 2003: 375; Bolton, 2003: 133.

**Prionomyrmex* in Prionomyrmecinae: Baroni Urbani, 2000: 479; Baroni Urbani, 2005: 590.

**Prionomyrmex* as genus: all authors.

***Prionomyrmex catalogue:** Bolton, 1995b: 364.

***Prionomyrmex** references: Baroni Urbani, 2000: 478 (diagnosis, revision, phylogeny); Dlussky & Rasnitsyn, 2002: 418 (*fossil taxa, notes); Ward & Brady, 2003: 375 (phylogeny, classification); Dlussky, 2012: 291 (diagnosis).

Genera *incertae sedis* in MYRMECIINAE

Genus ***ARCHIMYRMEX**

***Archimyrmex** Cockerell, 1923a: 52. Type-species: **Archimyrmex rostratus* Cockerell, 1923a: 52, by monotypy.

Taxonomic history

**Archimyrmex incertae sedis* in Ponerinae: Cockerell, 1923a: 52.

**Archimyrmex* in Ponerinae, Myrmeciini: Donisthorpe, 1943f: 625.

**Archimyrmex incertae sedis* in Myrmicinae: Wheeler, W.M. 1928f: 117; Carpenter, 1930: 17; Bolton, 1994: 106; Bolton, 1995b: 75.

**Archimyrmex* in Myrmeciinae: Dlussky & Rasnitsyn, 2002: 418; Bolton, 2003: 133; Dlussky & Perfil'eva, 2003: 40.

**Archimyrmex incertae sedis* in Formicidae: *sensu* Baroni Urbani, 2008: 5.

**Archimyrmex* as genus: all authors.

Junior synonyms of ***ARCHIMYRMEX**

***Ameghinoia** Viana & Haedo Rossi, 1957: 109. Type-species: **Ameghinoia piatnitzkyi* Viana & Haedo Rossi, 1957: 113, by original designation.

Taxonomic history

**Ameghinoia* in Ponerinae, Ponerini?: Kempf, 1972a: 20.

**Ameghinoia incertae sedis* in Myrmeciinae: Snelling, R.R. 1981: 390; Hölldobler & Wilson, 1990: 11; Bolton, 1994: 73; Bolton, 1995b: 63; Ward & Brady, 2003: 377; Bolton, 2003: 134.

**Ameghinoia* as junior synonym of **Archimyrmex*: Dlussky & Perfil'eva, 2003: 40; Bolton, 2003: 370.

***Polanskiella** Rossi de Garcia, 1983: 19. Type-species: **Polanskiella smekali* Rossi de Garcia, 1983: 19, by monotypy.

Taxonomic history

**Polanskiella incertae sedis* in Formicidae: Rossi de Garcia, 1983: 19.

**Polanskiella* in Myrmeciinae: Petrulevicius, 1999: 96.

**Polanskiella incertae sedis* in Myrmeciinae: Ward & Brady, 2003: 377; Bolton, 2003: 134.

**Polanskiella* as junior synonym of **Ameghinoia*: Dlussky & Fedoseeva, 1988: 133 (in text).

**Polanskiella* as junior synonym of **Archimyrmex*: Dlussky & Perfil'eva, 2003: 40; Bolton, 2003: 370.

****Archimyrmex* references:** Dlussky & Rasnitsyn, 2002: 418, 420 (notes, diagnosis); Dlussky & Perfil'eva, 2003: 39 (review of genus); Ward & Brady, 2003: 377 (classification); Dlussky, 2012: 289 (diagnosis).

Genus ***AVITOMYRMEX**

****Avitomyrmex*** Archibald, Cover & Moreau, 2006: 495. Type-species: **Avitomyrmex mastax* Archibald, Cover & Moreau, 2006: 496, by original designation.

Taxonomic history

**Avitomyrmex incertae sedis* in Myrmeciinae: Archibald, Cover & Moreau, 2006: 495.

**Avitomyrmex incertae sedis* in Hymenoptera: *sensu* Baroni Urbani, 2008: 6.

**Avitomyrmex* as genus: all authors.

Genus ***MACABEEMYRMA**

****Macabeemyrma*** Archibald, Cover & Moreau, 2006: 498. Type-species: **Macabeemyrma ovata* Archibald, Cover & Moreau, 2006: 499, by original designation.

Taxonomic history

**Macabeemyrma incertae sedis* in Myrmeciinae: Archibald, Cover & Moreau, 2006: 498.

**Macabeemyrma incertae sedis* in Hymenoptera: *sensu* Baroni Urbani, 2008: 6.

**Macabeemyrma* as genus: all authors.

Genus ***YPRESIOMYRMA**

****Ypresiomyrma*** Archibald, Cover & Moreau, 2006: 492. Type-species: **Ypresiomyrma orbiculata* Archibald, Cover & Moreau, 2006: 492, by original designation.

Taxonomic history

**Ypresiomyrma incertae sedis* in Myrmeciinae: Archibald, Cover & Moreau, 2006: 492.

**Ypresiomyrma incertae sedis* in Formicidae: *sensu* Baroni Urbani, 2008: 6.

**Ypresiomyrma* as genus: all authors.

Collective group name in MYRMECIINAE

***MYRMECIITES**

**Myrmeciites* Archibald, Cover & Moreau, 2006: 500. [Collective group name.]

**Myrmeciites incertae sedis* in Hymenoptera: *sensu* Baroni Urbani, 2008: 7.

SUBFAMILY PSEUDOMYRMECINAE

Subfamily PSEUDOMYRMECINAE

Pseudomyrmecinae Smith, M.R. 1952a: 98. Type-genus: *Pseudomyrmex* Lund, 1831b: 106.

Taxonomic history

Pseudomyrmecinae as family: Bernard, 1953b: 221 [Pseudomyrmicidae].

Pseudomyrmecinae as subfamily of Formicidae: Smith, M.R. 1952a: 98; Brown, 1954e: 23; all subsequent authors.

Pseudomyrmecinae as myrmeciomorph subfamily of Formicidae: Bolton, 2003: 30, 134.

Pseudomyrmecinae as formicoid subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell, *et al.* 2006: 102.

Pseudomyrmecinae as formicoid myrmeciomorph subfamily of Formicidae: Ward, 2007a: 556.

Tribe: Pseudomyrmecini.

Tribe PSEUDOMYRMECINI

Pseudomyrmecinae Smith, M.R. 1952a: 98. Type-genus: *Pseudomyrmex* Lund, 1831b: 106.

Taxonomic history

Pseudomyrmecini as tribe of Pseudomyrmecinae: Bolton, 1994: 185.

Junior synonyms of PSEUDOMYRMECINI

Pseudomyrmidae Forel, 1885a: 377. Type-genus: *Pseudomyrma* Guérin-Méneville, 1844a: 427 (junior synonym of *Pseudomyrmex* Lund, 1831b: 106).

Taxonomic history

Pseudomyrmidae as tribe of Myrmicinae: Forel, 1885a: 377 [Pseudomyrmidae]; Forel, 1893a: 164 [Pseudomyrmii]; Forel, 1895b: 121 [Pseudomyrmii]; Emery, 1895j: 768 [Pseudomyrmii (subfamily spelled Myrmicini)]; Forel, 1899c: 86 [Pseudomyrmii]; Wheeler, W.M. 1910g: 139 [Pseudomyrmii]; Forel, 1899c: 86 [Pseudomyrmini]; Emery, 1914a: 34 [Pseudomyrmini]; Wheeler, W.M. 1915h: 40 [Pseudomyrmini]; Arnold, 1916: 173 [Pseudomyrmini]; Forel, 1917: 240 [Pseudomyrmini]; Emery, 1921f: 21 [Pseudomyrmini].

Pseudomyrmidae as subfamily of Myrmicinae: Emery, 1894g: 383 [Pseudomyrminae]; Ashmead, 1905b: 383 [Pseudomyrminae].

Pseudomyrmidae as subfamily of Formicidae: Emery, 1899c: 8 [Pseudomyrminae]; Wheeler, W.M. 1920: 53 [Pseudomyrminae]; Wheeler, W.M. 1922a: 103, 632 [Pseudomyrminae]; Donisthorpe, 1922: xli [Pseudomyrminae]; Creighton, 1950a: 77 [Pseudomyrminae]; Chapman & Capco, 1951: 78 [Pseudomyrminae].

Pseudomyrmidae as junior synonym of Pseudomyrmecinae: Ward, 1990: 459. [Pseudomyrmecinae retains priority over Pseudomyrmidae under Article 40.2 of the International Code of Zoological Nomenclature (4th Edition), 1999: 46.]

Leptaleinae Smith, M.R. 1951a: 788. Type-genus: *Leptalea* Erichson, 1839: 309 (junior synonym of *Pseudomyrmex* Lund, 1831b: 106).

Taxonomic history

Leptaleinae as subfamily of Formicidae: Smith, M.R. 1951a: 788.

Leptaleinae as junior synonym of Pseudomyrmecinae: Smith, M.R. 1958c: 112; all subsequent authors. [Pseudomyrmecinae retains priority over Leptaleinae under Article 40.2 of the International Code of Zoological Nomenclature (4th Edition), 1999: 46.]

Pseudomyrmecinae references: Forel, 1893a: 164 (diagnosis); Emery, 1895j: 768 (diagnosis); Wheeler, W.M. 1910g: 139 (diagnosis); Emery, 1914a: 34 (diagnosis, in key); Emery, 1921f: 21 (diagnosis, catalogue); Wheeler, W.M. 1922a: 103, 654, 795, 1014 (diagnosis, genera key, Afrotropical, Malagasy catalogues); Creighton, 1950a: 77 (Nearctic); Brown & Nutting, 1950: 126 (venation, phylogeny); Brown, 1954e: 23 (phylogeny); Eisner, 1957: 452 (proventriculus morphology); Gotwald, 1969: 116 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 39 (diagnosis); Bolton, 1973a: 329 (West Africa, genera); Brown, 1973b: 166 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 52 (larvae, review & synthesis); Snelling, R.R. 1981: 393 (synoptic classification); Wheeler, G.C. & Wheeler, J. 1985: 257 (synoptic classification); Dlussky & Fedoseeva, 1988: 77 (synoptic classification); Ward, 1990: 449 (diagnosis, subfamily revision, genera key, phylogeny); Hölldobler & Wilson, 1990: 12 (synoptic classification); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Jaffe, 1993: 13 (Neotropical, synoptic classification); Lattke, in Jaffe, 1993: 170 (Neotropical genera); Bolton, 1994: 184 (diagnosis, synoptic classification, genera key); Bolton, 1995a: 1042 (census); Bolton, 1995b: 15 (catalogue); Shattuck, 1999: 208 (Australia, synopsis); Baroni Urbani, 2000: 480 (phylogeny); Bolton, 2003: 30, 134 (diagnosis, synopsis); Ward & Downie, 2005: 310 (evolution, phylogeny); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell, et al. 2006: 102 (phylogeny); Keller, 2011: 1 (morphology, phylogeny).

Genera of Pseudomyrmecini: *Myrcidris*, *Pseudomyrmex*, *Tetraponera*.

Genera of Pseudomyrmecini

Genus *MYRCIDRIS*

Myrcidris Ward, 1990: 465. Type-species: *Myrcidris epicharis* Ward, 1990: 467, by original designation.

Taxonomic history

Myrcidris in Pseudomyrmecinae: Ward, 1990: 465; all subsequent authors.

Myrcidris as genus: all authors.

***Myrcidris* catalogue:** Bolton, 1995b: 270.

Genus *PSEUDOMYRMEX*

Pseudomyrmex Lund, 1831b: 106. Type-species: *Formica gracilis* Fabricius, 1804: 405, by subsequent designation of Smith, M.R. 1952a: 98.

Taxonomic history

Pseudomyrmex in Pseudomyrmecinae: Smith, M.R. 1952a: 98; all subsequent authors.

Pseudomyrmex as genus: all authors since Smith, M.R. 1952a: 98.

Junior synonyms of *PSEUDOMYRMEX*

Leptalea Erichson, 1839: 309. Type-species: *Formica gracilis* Fabricius, 1804: 405, by subsequent designation of Wheeler, W.M. 1911f: 166.

Taxonomic history

Leptalea in Myrmicinae: Dalla Torre, 1893: 55.

Leptalea in Pseudomyrmecinae: Donisthorpe, 1943f: 656.

Leptalea as junior synonym of *Pseudomyrma*: Smith, F. 1858b: 153; Roger, 1863b: 24; Smith, F. 1877b: 58; Dalla Torre, 1893: 55; Emery, 1921f: 28. [Pseudomyrmex and Leptalea share the same type-species; synonymy is therefore absolute.]

[*Leptalaea*: incorrect subsequent spelling by Spinola, 1851b: 52 and Spinola, 1853: 68.]

Pseudomyrma Guérin-Méneville, 1844a: 427 [as subgenus of *Formica*]. Type-species: *Pseudomyrma bicolor* Guérin-Méneville, 1844a: 427 (junior synonym of *Formica gracilis* Fabricius, 1804: 405), by monotypy.

Taxonomic history

Pseudomyrma in Poneridae, Myrmicidae: Smith, F. 1858b: 153.

Pseudomyrma in Myrmicidae: Smith, F. 1871a: 328; Smith, F. 1877b: 58; Cresson, 1887: 262.

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

Pseudomyrma in Myrmicinae: Mayr, 1865: 24 [Myrmicidae]; Dalla Torre, 1893: 55.

Pseudomyrma in Myrmicidae, Pseudomyrminae: Ashmead, 1905b: 383.

Pseudomyrma in Myrmicinae, Pseudomyrmini: Forel, 1893a: 164; Emery, 1895j: 768; Forel, 1899c: 86; Wheeler, W.M. 1910g: 139; Emery, 1914a: 40; Forel, 1917: 240; Emery, 1921f: 28.

Pseudomyrma in Pseudomyrminae: Wheeler, W.M. 1922a: 654; Donisthorpe, 1941d: 27; Donisthorpe, 1943g: 722.

Pseudomyrma as junior synonym of *Pseudomyrmex*: Smith, M.R. 1952a: 98; Kempf, 1972a: 214; Ward, 1990: 469; Bolton, 1994: 184.

Myrmex Guérin-Méneville, 1844a: 427. Type-species: *Myrmex perboschii* Guérin-Méneville, 1844a: 428, by monotypy.

Taxonomic history

[Junior homonym of *Myrmex* Sturm, 1826: 32 (Coleoptera).]

Myrmex in Myrmicinae: Dalla Torre, 1893: 55.

Myrmex Guérin-Méneville junior synonym of *Pseudomyrma*: Smith, F. 1858b: 153; Roger, 1863b: 24; Smith, F. 1877b: 58; Dalla Torre, 1893: 55; Emery, 1921f: 28.

Clavanoda Enzmann, E.V. 1944: 61 [as "branch" of *Pseudomyrma*]. Type-species: *Formica gracilis* Fabricius, 1804: 405, by original designation.

Taxonomic history

Clavanoda as junior synonym of *Pseudomyrmex*: Ward, 1990: 469. [*Pseudomyrmex* and *Clavanoda* share the same type-species, synonymy is therefore absolute.]

Ornatinoda Enzmann, E.V. 1944: 61 [as "branch" of *Pseudomyrma*]. Type-species: *Formica tenuis* Fabricius, 1804: 405, by original designation.

Taxonomic history

Ornatinoda as junior synonym of *Pseudomyrmex*: Ward, 1990: 469.

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.

Apedunculata Enzmann, E.V. 1944: 62 [as "branch" of *Pseudomyrma*]. Type-species: *Pseudomyrma sericea* Mayr, 1870a: 412, by original designation.

Taxonomic history

Apedunculata as junior synonym of *Pseudomyrmex*: Ward, 1990: 469.

Latinoda Enzmann, E.V. 1944: 62 [as "branch" of *Pseudomyrma*]. Type-species: *Pseudomyrma latinoda* Mayr, 1878: 877 (junior synonym of *Pseudomyrma concolor* Smith, F. 1860c: 70), by original designation.

Taxonomic history

Latinoda as junior synonym of *Pseudomyrmex*: Ward, 1990: 469.

***Pseudomyrmex* catalogues:** Roger, 1863b: 24; Mayr, 1863: 426, 451 (*Leptalea*, *Pseudomyrma*); Smith, 1877b: 58; Cresson, 1887: 262 (U.S.A.); Dalla Torre, 1893: 55; Emery, 1921f: 28; Smith, M.R. 1951a: 788 (North America *Leptalea*); Kempf, 1972a: 215 (Neotropical); Smith, D.R. 1979: 1345 (North America); Brandão, 1991: 373; Bolton, 1995b: 370.

***Pseudomyrmex* references:** Smith, F. 1858b: 153 (diagnosis); Mayr, 1865: 24 (diagnosis); Mayr, 1870a: 407 (Colombia + Panama (= New Grenada) species key); Emery, 1921f: 28 (diagnosis); Gallardo, 1932a: 44 (Argentina species key); Enzmann, E.V. 1944: 62 (all species keys); Creighton, 1950a: 79 (**Nearctic species key**); Kempf, 1961a: 373 (*P. gracilis* group, partial key); Alayo, 1974: 9 (Cuba species key); Ward, 1985b: 215 (**Nearctic species key**); Billen, 1986: 173 (Dufour's gland); Ward, 1989: 407 (*P. oculatus* group key); Ward, 1989: 430 (*P. subtilissimus* group key); Ward, 1990: 469 (diagnosis, review of genus); Ward, 1992: 76 (*Dominican Amber species key); Ward, 1993: 130 (swollen-thorn *Acacia*-associated species key); Bolton, 1995a: 1052 (census); Ward, 1999b: 473 (*P. viduus* group, and other *Tachigali-* and *Triplaris*-associated species key); Mackay & Mackay, 2002: 38 (U.S.A., New Mexico species key).

Genus **TETRAPONERA**

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 Myrmicidae: Smith, F. 1877b: 68.

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

Tetraponera in Pseudomyrmicinae: Wheeler, W.M. 1922a: 654; subsequent authors to the following.

Tetraponera in Pseudomyrmecinae: Taylor & Brown, D.R. 1985: 17; all subsequent authors.

Tetraponera as junior synonym of *Pseudomyrma*: Roger, 1863b: 24; Mayr, 1863: 451.

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

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

Tetraponera as genus: Smith, F. 1852: 44; Smith, F. 1857a: 70; Smith, F. 1877b: 68; Donisthorpe, 1916b: 244; Wheeler, W.M. 1922a: 654; Taylor & Brown, D.R. 1985: 17; Ward, 1990: 470; Bolton, 1994: 184.

Junior synonyms 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 in Emery, 1917a: 95 and 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.

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

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

Sima as genus: Roger, 1863a: 178; Mayr, 1863: 453; Mayr, 1868c: 100; Dalla Torre, 1893: 53; Emery, 1900d: 672; Bingham, 1903: 107; Emery, 1914a: 40; Emery, 1915b: 266; Arnold, 1916: 173; Emery, 1917a: 95; Forel, 1917: 240; Emery, 1921f: 21.

Sima as junior synonym of *Tetraponera*: Smith, F. 1877b: 68; Donisthorpe, 1916b: 244; Wheeler, W.M. 1920: 47; Wheeler, W.M. 1922a: 105; Donisthorpe, 1943g: 726; Ward, 1990: 470.

Pachysima Emery, 1912b: 97 [as subgenus of *Sima*]. Type-species: *Tetraponera aethiops* Smith, F. 1877b: 71, by monotypy.

Taxonomic history

Pachysima in Myrmicinae, Pseudomyrmini: Forel, 1917: 240; Emery, 1921f: 22.

Pachysima in Pseudomyrminae: Wheeler, W.M. 1922a: 112, 654.

Pachysima as genus: Wheeler, W.M. 1918c: 308 (footnote); Wheeler, W.M. 1922a: 112, 654; Wheeler, G.C. & Wheeler, J. 1985: 256.

Pachysima as subgenus of *Sima*: Emery, 1912b: 97; Arnold, 1916: 174; Emery, 1921f: 22.

Pachysima as junior synonym of *Tetraponera*: Brown, 1973b: 183 [provisional]; Ward, 1990: 470.

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 junior synonym of *Tetraponera*: Brown, 1973b: 185 [provisional]; Ward, 1990: 470.

[*Viticola*: incorrect subsequent spelling by Donisthorpe, 1943g: 735.]

Parasima Donisthorpe, 1948d: 592 [as subgenus of *Tetraponera*]. [Unnecessary replacement name for *Sima* in the sense of Emery, 1921f: 23.]

Taxonomic history

Parasima as junior synonym of *Tetraponera*: Ward, 1990: 470.

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, D.R. 1985: 17 (Australia); Taylor, 1987a: 79 (Australia); Bolton, 1995b: 416.

Tetraponera references: Mayr, 1865: 25 (*Sima* diagnosis); Mayr, 1867a: 82 (*Sima* diagnosis); Mayr, 1868c: 101 (*Baltic Amber species key); Emery, 1900d: 17 (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); 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); Bharti & Akbar, 2014: 46 (India species key).

SYNOPSIS OF FORMICIDAE: SUBFAMILY DORYLINEAE
(DORYLOMORPHS)

SUBFAMILY DORYLINEAE

Subfamily DORYLINEAE

Dorylida Leach, 1815: 147. Type-genus: *Dorylus* Fabricius, 1793: 365.

Taxonomic history

Dorylinae as family: Leach, 1815: 147 [Dorylida (family-group name)]; Haliday, 1836: 331 [Dorylidae]; Swainson & Shuckard, 1840: 175 [Dorylidae]; Shuckard, 1840a: 188 [Dorylidae]; Smith, F. 1859b: 1 [Dorylidae]; Mayr, 1866b: 895 [Dorylidae]; Smith, F. 1871a: 225 [Dorylidae]; André, 1882a: 125 [Dorylidae]; Cresson, 1887: 93 [Dorylidae]; Emery, 1894g: 381 [Dorylidae]; Ashmead, 1905b: 381 [Dorylidae]; Ashmead, 1906: 21 [Dorylidae]; Bernard, 1951: 1046 [Dorylidae]; Bernard, 1953b: 217 [Dorylidae].

Dorylinae as subfamily of Dorylidae: Ashmead, 1905b: 381; Ashmead, 1906: 25.

Dorylinae as subfamily of Formicidae: Mayr, 1865: 16 [Dorylidae]; Emery, 1877a: 70 [Dorylidae]; Forel, 1878: 365 [Dorylidae]; Emery & Forel, 1879a: 465 [Dorylidae]; André, 1881b: 64 [Dorylidae]; Forel, 1892j: 220 [Dorylidae]; Forel, 1893a: 163; Dalla Torre, 1893: 1; Forel, 1895b: 118 [Dorylidae]; Emery, 1895j: 764 [subfamily spelled Dorylini]; Emery, 1896e: 174; Forel, 1899c: 22; Forel, 1901a: 462; Forel, 1901c: 139; Emery, 1901a: 36; Bingham, 1903: 1; Emery, 1910b: 3; Wheeler, W.M. 1910g: 137; Arnold, 1915: 110; Escherich, 1917: 2 [Dorylini]; Forel, 1917: 239; Bondroit, 1918: 14 [Dorylitae]; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 632; Clark, 1951: 16; Brown, 1954e: 28; Borgmeier, 1955: 51; all subsequent authors.

Dorylini as tribe of Dorylinae: Forel, 1893a: 163 [Dorylii]; Emery, 1895j: 758 [Dorylii]; Forel, 1901a: 463 [Dorylii]; Emery, 1901a: 36 [Dorylii]; Emery, 1904a: 116 [Dorylii]; Ashmead, 1905b: 381; Ashmead, 1906: 25; Wheeler, W.M. 1910g: 137 [Dorylii]; Emery, 1910b: 5; Arnold, 1915: 113; Forel, 1917: 239; Wheeler, W.M. 1922a: 633; Borgmeier, 1955: 57; subsequent authors to Brady, *et al.* 2014: 5.

Dorylinae as dorylomorph subfamily of Formicidae: Bolton, 2003: 36, 147; Brady & Ward, 2005: 593.

Dorylinae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102.

Dorylinae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Dorylinae as senior synonym of Acanthostichini, Aenictinae, Aenictogitoninae, Cerapachyinae, Cheliomyrmecinae, Cylindromyrmecini, Ecitoninae, Eusphinctinae, Leptanilloidinae, Lioponerini: Brady, *et al.* 2014: 5.

Dorylinae and Dorylini references. See under *Dorylus*.

Junior synonyms of DORYLINAЕ

Cerapachysii Forel, 1893a: 162. Type-genus: *Cerapachys* Smith, F. 1857a: 74.

Taxonomic history

Cerapachyini as tribe of Ponerinae: Forel, 1893a: 162 [Cerapachysii]; Forel, 1900c: 52 [Cerapachii]; Forel, 1900d: 328 [Cerapachii]; Forel, 1901c: 139 [Cerapachii]; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 136 [Cerapachysii]; Emery, 1911d: 5; Wheeler, W.M. 1915h: 27; Arnold, 1915: 11; Forel, 1917: 239; Wheeler, W.M. 1918a: 215; Arnold, 1926: 191; Brown, 1975: 14; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Cerapachyini as tribe of Dorylinae: Emery, 1895j: 765 [Cerapachyi]; Emery, 1901a: 36 [Cerapachyi]; Emery, 1904a: 116 [Cerapachyi].

Cerapachyini as tribe of Cerapachyinae: Wheeler, W.M. 1902d: 185 [Cerapachyi]; Wheeler, W.M. 1922a: 638; Wheeler, W.M. & Chapman, 1925: 50; Donisthorpe, 1943f: 620; Chapman & Capco, 1951: 17; Wheeler, G.C. & Wheeler, J. 1985: 256; Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; Bolton, 2003: 33, 139.

Cerapachyinae as family: Bernard, 1951: 1046 [Cerapachyidae]; Bernard, 1953b: 215 [Cerapachyidae].

Cerapachyinae as junior synonym of Ponerinae: Brown, 1975: 14; Snelling, R.R. 1981: 387; Hölldobler & Wilson, 1990: 10.

Cerapachyinae as group of Dorylinae: Emery, 1901a: 36 [Cerapachinae].

Cerapachyinae as subfamily of Formicidae: Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 51, 632; Donisthorpe, 1922: xlv; Borgmeier, 1923: 50; Clark, 1924b: 76; Clark, 1934c: 49; Donisthorpe, 1943f: 620; Creighton, 1950a: 56; Clark, 1951: 15 (in key); Chapman & Capco, 1951: 17; Smith, M.R. 1951a: 781; Brown, 1954e: 26; Kusnezov, 1956: 11; Kusnezov, 1964: 48; Wheeler, G.C. & Wheeler, J. 1972a: 37; Kempf, 1972a: 263; Wheeler, G.C. & Wheeler, J. 1976b: 46; Smith, D.R. 1979: 1333; Wheeler, G.C. & Wheeler, J. 1985: 256; Ogata, 1987: 127; Bolton, 1990a: 66; Bolton, 1990c: 1356; Baroni Urbani, Bolton & Ward, 1992: 316; Jaffe, 1993: 9; Bolton, 1994: 18; Wu, J. & Wang, 1995: 47.

Cerapachyinae as dorylomorph subfamily of Formicidae: Bolton, 2003: 32, 137; Brady & Ward, 2005: 593.

Cerapachyinae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102.

Cerapachyinae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Cerapachyinae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Cerapachyinae and Cerapachyini references: Emery, 1895j: 765 (diagnosis); Wheeler, W.M. 1910g: 136 (diagnosis); Emery, 1911d: 5, 6 (tribes key, diagnosis, genera key); Arnold, 1915: 11 (South Africa genera key); Forel, 1917: 239 (synoptic classification); Wheeler, W.M. 1918a: 224, 239 (Australia genera, key); Wheeler, W.M. 1922a: 51, 636, 639 (diagnosis, tribes key, genera key); Borgmeier, 1923: 50 (Brazil catalogue); Morley, 1939: 114 (phylogeny); Smith, M.R. 1947f: 528 (U.S.A. diagnosis, genera); Brown, 1954e: 26 (phylogeny, notes); Eisner, 1957: 476 (proventriculus morphology); Wilson, 1959b: 39 (Melanesia fauna); Gotwald, 1969: 43 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 37 (diagnosis); Kempf, 1972a: 263 (Neotropical, synoptic classification); Brown, 1975: 11, 14 (revision of tribes and genera, diagnoses, key); Wheeler, G.C. & Wheeler, J. 1976b: 46 (larvae, review & synthesis); Wheeler, G.C. & Wheeler, J. 1985: 261 (diagnosis); Ogata, 1987: 129 (Japan genera); Bolton, 1990a: 53, 61 (abdominal morphology, diagnosis, synoptic classification, zoogeography); Bolton, 1990c: 1356 (diagnosis, morphology, phylogeny); Brandão, 1991: 390 (Neotropical fauna, synoptic classification, genera); Baroni Urbani, Bolton & Ward, 1992: 316 (phylogeny); Jaffe, 1993: 7 (Neotropical genera, synoptic classification); Lattke, in Jaffe, 1993: 165 (Neotropical genera); Bolton, 1994: 18 (diagnosis, synoptic classification, key to genera); Bolton, 1995a: 1038 (census); Bolton, 1995b: 10 (catalogue); Hölldobler, Obermayer & Peeters, 1996: 158 (metatibial gland); Shattuck, 1999: 25, 60 (Australia, genera key, synopsis); Andersen, 2000: 33 (northern Australia, genera); Perfil'eva, 2002: 1239 (venation); Palacio & Fernández, in Fernández, 2003d: 238 (Neotropical genera keys); Brady, 2003: 6575 (phylogeny); Bolton, 2003: 32, 137 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny); General & Alpert, 2012: 70 (Philippines genera key); Bolton & Fisher, 2012: 7 (diagnosis).

Ecitonii Forel, 1893a: 163. Type-genus: *Eciton* Latreille, 1804: 179.

Taxonomic history

Ecitonini as tribe of Dorylinae: Forel, 1893a: 163 [Ecitonii]; Emery, 1895j: 765 [Ecitonii]; Forel, 1901a: 464 [Ecitonii]; Emery, 1901a: 36 [Ecitii]; Emery, 1904a: 116 [Ecitii]; Wheeler, W.M. 1910g: 138 [Ecitonii]; Emery, 1910b: 15 [Ecitini]; Arnold, 1915: 113 [Ecitini]; Forel, 1917: 240 [Ecitini]; Gallardo, 1920: 309 [Ecitini]; Wheeler, W.M. 1922a: 633; Donisthorpe, 1943f: 618 [Ecitini]; Borgmeier, 1955: 77; Watkins, 1976: 6; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 79.

Ecitoninae as subfamily of Dorylidae: Ashmead, 1905b: 381; Ashmead, 1906: 23.

Ecitonini as tribe of Ecitoninae: Ashmead, 1905b: 381; Ashmead, 1906: 24; Bolton, 1990c: 1357; Jaffe 1993: 12; Bolton, 1994: 39; all subsequent authors.

Ecitoninae as subfamily of Formicidae: Brown, 1973b: 166; Snelling, R.R. 1981: 392; Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 11; subsequent authors to Brady, *et al.* 2014: 5.

Ecitoninae as dorylomorph subfamily of Formicidae: Bolton, 2003: 34, 142; Brady & Ward, 2005: 593.

Ecitoninae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102.

Ecitoninae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Ecitoninae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Ecitoninae and Ecitonini references: Emery, 1895j: 765 (diagnosis); Ashmead, 1906: 23, 24 (tribes & genera keys); Emery, 1910b: 15, 16 (diagnosis, genera key, catalogue); Wheeler, W.M. 1910g: 138, 558 (diagnosis, North America genera); Forel, 1917: 240 (synoptic classification); Gallardo, 1920: 312 (Argentina genera, key); Wheeler, W.M. 1922a: 634 (genera key); Borgmeier, 1923: 37 (Brazil catalogue); Smith, M.R. 1943f: 290 (U.S.A. males); Creighton, 1950a: 61 (Nearctic); Borgmeier, 1955: 51, 57 (revision of subfamily, tribes key); Borgmeier, 1955: 79 (revision of tribe, genera key); Brown, 1973b: 166 (genera, distribution); Watkins, 1976: 6 (genera keys); Wheeler, G.C. & Wheeler, J. 1976b: 46 (larvae, review & synthesis); Snelling, R.R. 1981: 392 (synoptic classification); Gotwald & Burdette, 1981: 78 (phylogeny); Watkins, 1982: 210 (Mexico genera, key); Gotwald, 1982: 167 (genera key); Baroni Urbani, 1984: 74 (genera key); Wheeler, G.C. & Wheeler, J. 1986g: 17 (U.S.A., Nevada); Bolton, 1990c: 1357 (diagnosis, morphology, phylogeny); Brandão, 1991: 392 (Neotropical fauna, synoptic classification); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Jaffe, 1993: 13 (Neotropical genera, synoptic classification); Lattke, in Jaffe, 1993: 149 (genera key); Bolton, 1994: 38 (diagnosis, synoptic classification, genera key); Bolton, 1995a: 1039 (census); Hölldobler, Obermayer & Peeters, 1996: 158 (metatibial gland); Palacio, 1999: 143 (Colombia genera, key); Perfil'eva, 2002: 1239 (venation); Palacio & Fernández, in Fernández, 2003d: 240 (Neotropical genera key); Brady, 2003: 6575 (phylogeny); Bolton, 2003: 34, 142 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny).

Acanthostichii Emery, 1901a: 34. Type-genus: *Acanthostichus* Mayr, 1887: 549.

Taxonomic history

Acanthostichini as tribe of Dorylinae: Emery, 1901a: 34 [Acanthostichii]; Emery, 1904a: 116 [Acanthostichii].

Acanthostichini as subfamily of Dorylidae: Ashmead, 1905b: 382 [Acanthostichinae]; Ashmead, 1906: 28 [Acanthostichinae].

Acanthostichini as tribe of Ponerinae: Emery, 1911d: 12; Forel, 1917: 239; Gallardo, 1918b: 6; Donisthorpe, 1943f: 619; Brown, 1975: 39; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Acanthostichini as tribe of Cerapachyinae: Wheeler, W.M. 1902d: 184; Wheeler, W.M. 1910g: 137 [subtribe of Cerapachysii]; Wheeler, W.M. 1922a: 640; Wheeler, G.C. & Wheeler, J. 1985: 256; Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; Bolton, 2003: 33, 137.

Acanthostichini as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Acanthostichini references. See under *Acanthostichus*.

Cylindromyrmii Emery, 1901a: 34. Type-genus: *Cylindromyrmex* Mayr, 1870b: 967.

Taxonomic history

Cylindromyrmeini as tribe of Dorylinae: Emery, 1901a: 34 [Cylindromyrmii]; Emery, 1904a: 116 [Cylindromyrmeii].

Cylindromyrmeini as tribe of Pachycondylinae: Ashmead, 1905b: 382 [Cylindromyrmicini].

Cylindromyrmecini as tribe of Ponerinae: Emery, 1911d: 14 [*Cylindromyrmicini*]; Arnold, 1915: 19 [*Cylindromyrmicini*]; Forel, 1917: 239 [*Cylindromyrmicini*]; Wheeler, W.M. 1922a: 640 [*Cylindromyrmicini*]; Brown, 1975: 36; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Cylindromyrmecini as tribe of Cerapachyinae: Wheeler, W.M. 1902d: 185 [*Cylindromyrmii*]; Wheeler, W.M. 1910g: 137 [*Cylindromyrmii*, subtribe of *Cerapachysii*]; Brown, 1954e: 27 (in text); Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; De Andrade, 1998a: 581; Bolton, 2003: 33, 138.

Cylindromyrmecini as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Cylindromyrmecini references. See under *Cylindromyrmex*.

Aenictii Emery, 1901a: 36. Type-genus: *Aenictus* Shuckard, 1840b: 266.

Taxonomic history

Aenictini as tribe of Dorylinae: Emery, 1901a: 36 [*Aenictii*]; Emery, 1904a: 116 [*Aenictii*]; Borgmeier, 1954c: 212; Borgmeier, 1955: 57; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 11.

Aenictini as tribe of Ecitoninae: Ashmead, 1905b: 381; Ashmead, 1906: 24.

Aenictini as junior synonym of Ecitonini: Wheeler, G.C. & Wheeler, J. 1985: 256 [*Aenictii*].

Aenictinae as subfamily of Formicidae: Bolton, 1990c: 1358; Baroni Urbani, Bolton & Ward, 1992: 315; Bolton, 1994: 12; Wu, J. & Wang, 1995: 49; subsequent authors to Brady, *et al.* 2014: 5.

Aenictinae as dorylomorph subfamily of Formicidae: Bolton, 2003: 36, 146; Brady & Ward, 2005: 593.

Aenictini as tribe of *Aenictinae*: Bolton, 1994: 12; Bolton, 2003: 146.

Aenictinae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102.

Aenictinae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Aenictinae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Aenictinae and Aenictini references. See under *Aenictus*.

Lioponerini Ashmead, 1905b: 382. Type-genus: *Lioponera* Mayr, 1879: 666 (junior synonym of *Cerapachys* Smith, F. 1857a: 74).

Taxonomic history

Lioponerini as tribe of Pachycondylinae: Ashmead, 1905b: 382.

Lioponerini as junior synonym of Cerapachyini: Emery, 1911d: 6; Brown, 1975: 19 (no statement of tribe synonymy but all taxa included under *Cerapachys*); Bolton, 1994: 19; all subsequent authors to the following.

Lioponerini as junior synonym of Dorylinae: Brady, *et al.* 2014: 5

Aenictogitonini Ashmead, 1905b: 381. Type-genus: *Aenictogiton* Emery, 1901d: 49.

Taxonomic history

Aenictogitoninae as tribe of Dorylinae: Ashmead, 1905b: 381 [Aenictogitonini]; Ashmead, 1906: 25 [Aenictogitonini]; Borgmeier, 1955: 57 [Aenictogitonini].

Aenictogitoninae as tribe of Ponerinae: Brown, 1975: 43 [Aenictogitini]; Dlussky & Fedoseeva, 1988: 79 [Aenictogitini]; Hölldobler & Wilson, 1990: 11 [Aenictogitini].

Aenictogitoninae as subfamily of Formicidae: Baroni Urbani, Bolton & Ward, 1992: 315; Bolton, 1994: 14; subsequent authors to Brady, *et al.* 2014: 5.

Aenictogitoninae as dorylomorph subfamily of Formicidae: Bolton, 2003: 37, 150; Brady & Ward, 2005: 593.

Aenictogitoninae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Aenictogitoninae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Aenictogitoninae references. See under *Aenictogiton*.

Cheliomyrmicini Wheeler, W.M. 1921d: 319. Type-genus: *Cheliomyrmex* Mayr, 1870b: 968.

Taxonomic history

Cheliomyrmecini as tribe of Dorylinae: Wheeler, W.M. 1921d: 319 [Cheliomyrmicini]; Borgmeier, 1955: 57 [Cheliomyrmicini]; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 79.

Cheliomyrmecini as tribe of Ecitoninae: Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 11; Jaffe 1993: 12; Bolton, 1994: 39; subsequent authors to Brady, *et al.* 2014: 5.

Cheliomyrmecini as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Cheliomyrmecini references. See under *Cheliomyrmex*.

Eusphinctinae Clark, 1951: 15 (diagnosis in key). Type-genus: *Eusphinctus* Emery, 1893a: cclxxv (junior synonym of *Sphinctomyrmex* Mayr, 1866b: 895).

Taxonomic history

Eusphinctinae as subfamily of Formicidae: Clark, 1951: 15.

Eusphinctinae as junior synonym of Cerapachyini: Bolton, 1990a: 66; subsequent authors to the following.

Eusphinctinae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5

Leptanilloidinae Bolton, in Baroni Urbani, Bolton & Ward, 1992: 317. Type-genus: *Leptanilloides* Mann, 1923: 13.

Taxonomic history

Leptanilloidinae as subfamily of Formicidae: Bolton, in Baroni Urbani, Bolton & Ward, 1992: 317; Bolton, 1994: 71; Brandão, Diniz, Agosti & Delabie, 1999: 17; subsequent authors to Brady, *et al.* 2014: 5.

Leptanilloidinae as dorylomorph subfamily of Formicidae: Bolton, 2003: 35, 145; Brady & Ward, 2005: 593.

Leptanilloidinae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102.

Leptanilloidinae as formicoid dorylomorph subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Ward, 2007a: 555.

Leptanilloidinae as junior synonym of Dorylinae: Brady, *et al.* 2014: 5.

Leptanilloidinae references: Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1994: 71 (diagnosis, synoptic classification); Bolton, 1995a: 1040 (census); Bolton, 1995b: 12 (catalogue); Brandão, Diniz, Agosti & Delabie, 1999: 17 (diagnosis, genera revision, phylogeny, keys); Bolton, 2003: 35, 145 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny).

Genera of Dorylinae: *Acanthostichus*, *Aenictogiton*, *Aenictus*, *Amymex*, *Asphinctanilloides*, *Cerapachys*, *Cheliomyrmex*, *Cylindromyrmex*, *Dorylus*, *Eciton*, *Labidus*, *Leptanilloides*, *Neivamyrmex*, *Nomamyrmex*, **Procerapachys*, *Simopone*, *Sphinctomyrmex*, *Tanipone*, *Vicinopone*.

Genera (extinct) incertae sedis in Dorylinae: **Curticornis*, **Eoaenictites*.

Genera of Dorylinae

Genus **ACANTHOSTICHUS**

Acanthostichus Mayr, 1887: 549. Type-species: *Typhlopone serratula* Smith, F. 1858b: 111, by monotypy.

Taxonomic history

Acanthostichus in Ponerinae: Dalla Torre, 1893: 16.

Acanthostichus in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1895b: 116; Wheeler, W.M. 1910g: 136 [subtribe Acanthostichini].

Acanthostichus in Dorylinae, Cerapachyini: Emery, 1895j: 765 [Cerapachyi].

Acanthostichus in Dorylinae, Acanthostichini: Emery, 1901a: 34.

Acanthostichus in Dorylidae, Acanthostichinae: Ashmead, 1905b: 382; Ashmead, 1906: 29.

Acanthostichus in Ponerinae, Acanthostichini: Emery, 1911d: 12; Forel, 1917: 239; Gallardo, 1918b: 7; Donisthorpe, 1943f: 619; Brown, 1975: 41; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Acanthostichus in Cerapachyinae, Acanthostichini: Wheeler, W.M. 1902d: 184; Wheeler, W.M. 1922a: 640; Kempf, 1972a: 10; Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; Bolton, 2003: 137.

Acanthostichus in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Acanthostichus as genus: all authors.

Junior synonym of ACANTHOSTICHUS

Ctenopyga Ashmead, 1906: 29. Type-species: *Ctenopyga townsendi* Ashmead, 1906: 29 (junior synonym of *Acanthostichus texanus* Forel, 1904d: 168), by original designation.

Taxonomic history

[*Ctenopyga* Ashmead, 1905b: 382, *nomen nudum*]

Ctenopyga in Dorylidae, Acanthostichinae: Ashmead, 1906: 29.

Ctenopyga in Ponerinae, Acanthostichini: Brown, 1975: 42; Hölldobler & Wilson, 1990: 10.

Ctenopyga in Cerapachyinae, Acanthostichini: Bolton, 1990a: 67.

Ctenopyga as subgenus of *Acanthostichus*: Emery, 1911d: 13; Forel, 1917: 239; Wheeler, W.M. 1922a: 640; Creighton, 1950a: 58.

Ctenopyga as genus: Ashmead, 1906: 29; Brown, 1975: 42; Smith, D.R. 1979: 1333; Hölldobler & Wilson, 1990: 10; Bolton, 1990a: 67; Bolton, 1990c: 1357.

Ctenopyga as junior synonym of *Acanthostichus*: Brown, 1973b: 179 [provisional]; Snelling, R.R. 1981: 389; Bolton, 1994: 19; Mackay, 1996: 132; Bolton, 2003: 138.

***Acanthostichus* catalogues:** Dalla Torre, 1893: 16; Emery, 1911d: 12, 13 (*A. (Acanthostichus)*, *A. (Ctenopyga)*); Smith, M.R. 1951a: 782 (North America); Kempf, 1972a: 10 (Neotropical); Brandão, 1991: 322 (Neotropical); Bolton, 1995b: 54.

***Acanthostichus* references:** Emery, 1911d: 12, 13 (*Acanthostichus*, *A. (Ctenopyga)* diagnoses); Gallardo, 1918b: 8 (Argentina species key); Wheeler, W.M. 1922a: 640 (genera, key); Wheeler, W.M. 1934g: 162 (species key); Kusnezov, 1962a: 125 (species key); Brown, 1975: 39 (diagnosis, review of tribe and genus); Brown, 1975: 42 (review of *Ctenopyga*); Bolton, 1990a: 58 (abdominal morphology); Bolton, 1995a: 1047 (census); Mackay, 1996: 129 (diagnosis, all species revision, key); Mackay & Mackay, 2002: 35 (U.S.A., New Mexico species key); Bolton, 2003: 33, 137 (diagnosis, synopsis).

Genus **AENICTOGITON**

Aenictogiton Emery, 1901d: 49. Type-species: *Aenictogiton fossiceps* Emery, 1901d: 49, by monotypy.

Taxonomic history

Aenictogiton in Dorylinae, Aenictogitonini: Ashmead, 1905b: 381.

Aenictogiton in Dorylinae, Dorylini: Wheeler, W.M. 1910g: 137.

Aenictogiton in Dorylinae, Ecitonini: Emery, 1910b: 27 [Ecitini]; Forel, 1917: 240; Wheeler, W.M. 1922a: 636; Donisthorpe, 1943f: 620.

Aenictogiton in Ponerinae, Aenictogitonini: Brown, 1975: 43; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 11.

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

Aenictogiton in Aenictogitoninae, Aenictogitonini: Baroni Urbani, Bolton & Ward, 1992: 315; Bolton, 1994: 14; subsequent authors to the following.

Aenictogiton in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Aenictogiton as genus: all authors.

***Aenictogiton* catalogues:** Emery, 1910b: 27; Wheeler, W.M. 1922a: 750; Bolton, 1995b: 58.

***Aenictogiton* references:** Emery, 1910b: 27 (diagnosis); Santschi, 1924b: 200 (all species key); Brown, 1975: 43 (diagnosis, review of genus); Baroni Urbani, Bolton & Ward, 1992: 315 (phylogeny); Bolton, 1994: 14 (synopsis); Bolton, 1995a: 1038 (census); Bolton, 2003: 37, 150 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification).

Genus **AENICTUS**

Aenictus Shuckard, 1840b: 266. Type-species: *Aenictus ambiguus* Shuckard, 1840b: 268, by original designation.

Taxonomic history

Aenictus in Dorylidae: Shuckard, 1840b: 266; Smith, F. 1859b: 9; Smith, F. 1871a: 336.

Aenictus in Dorylinae: Mayr, 1865: 17 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae]; Dalla Torre, 1893: 7.

Aenictus in Dorylinae, Dorylini: Emery, 1895j: 765 [Dorylii]; Wheeler, W.M. 1910g: 137.

Aenictus in Ecitoninae, Ecitonini: Ashmead, 1905b: 381; Ashmead, 1906: 25.

Aenictus in Dorylinae, Ecitonini: Forel, 1893a: 163; Forel, 1901a: 464; Emery, 1910b: 28 [Ecitini]; Arnold, 1915: 136; Forel, 1917: 240; Wheeler, W.M. 1922a: 634; Wheeler, W.M. & Chapman,

1925: 47; Donisthorpe, 1943f: 620; Chapman & Capco, 1951: 10; Wheeler, G.C. & Wheeler, J. 1985: 256.

Aenictus in Dorylinae, Aenictini: Borgmeier, 1954c: 212; Borgmeier, 1955: 57; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 11.

Aenictus in Aenictinae, Aenictini: Bolton, 1990c: 1358; Baroni Urbani, Bolton & Ward, 1992: 315; Bolton, 1994: 12; Wu, J. & Wang, 1995: 49; subsequent authors to the following.

Aenictus in Dorylinae: Brady, et al. 2014: 4 (in figure).

Aenictus as genus: all authors.

[*Enictus*: incorrect subsequent spelling by Walker, 1860: 306 and Smith, F. 1865: 79.]

Junior synonyms 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]; Smith, F. 1871a: 333 [Myrmicidae].

Typhlatta in Attidae: Smith, F. 1862a: 49.

Typhlatta in Dorylinae: Forel, 1878: 365 (footnote) [Dorylidae].

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; all subsequent authors.

Paraenictus Wheeler, W.M. 1929g: 27 [as subgenus of *Aenictus*]. Type-species: *Aenictus (Paraenictus) silvestrii* Wheeler, W.M. 1929g: 28, by monotypy.

Taxonomic history

Paraenictus in Dorylinae: Wheeler, W.M. 1929g: 27.

Paraenictus as junior synonym of *Aenictus*: Wilson, 1964a: 444; all subsequent authors.

Aenictus catalogues: Roger, 1863b: 36, 41 (*Typhlatta*, *Aenictus*); Mayr, 1863: 394, 457 (*Aenictus*, *Typhlatta*); Dalla Torre, 1893: 7 Emery, 1910b: 29; Wheeler, W.M. 1922a: 751 (Afrotropical); Chapman & Capco, 1951: 10 (Asia); Taylor & Brown, D.R. 1985: 52 (Australia); Taylor, 1987a: 6 (Australia); Bolton, 1995b: 58.

Aenictus references: Mayr, 1865: 17 (*Aenictus*, *Typhlatta* diagnoses); Mayr, 1879: 668 (*Typhlatta* species key); Forel, 1901a: 464 (India & Sri Lanka species key); Bingham, 1903: 6 (diagnosis, India, Sri Lanka & Burma species key); Ashmead, 1906: 24 (genera key); Emery, 1910b: 28, 29 (diagnosis, catalogue); Arnold, 1915: 136, 137 (diagnosis, South Africa species key); Wheeler, W.M. 1930g: 198, 207 (*A. (Typhlatta)* & Philippines *A. (Aenictus)* species keys); Wilson, 1964a: 436 (**Indo-Australian species, revision, key**); Billen & Gotwald, 1988: 293 (Dufour's gland); Terayama & Yamane, 1989: 602 (Indonesia, Sumatra species key); Dlussky, Soyunov & Zabelin, 1990: 179 (Turkmenistan species key); Bolton, 1990c: 1358 (diagnosis, morphology, phylogeny); Baroni Urbani, Bolton & Ward, 1992: 315 (phylogeny); Bolton, 1994: 12 (diagnosis, synoptic classification); Xu, 1994a: 118 (China species key); Bolton, 1995a: 1047 (census); Wu, J. & Wang, 1995: 50 (China species key); Hölldobler, Obermayer & Peeters, 1996: 158 (metatibial gland); Shattuck, 1999: 58 (Australia synopsis); Billen, Gobin & Ito, 1999: 307 (postpygidial gland); Zhou, 2001b: 58 (China, Guangxi species key); Perfil'eva, 2002: 1239 (venation); Brady, 2003: 6575 (phylogeny); Bolton, 2003: 36, 146 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification); Shattuck, 2008c: 3 (**Australia species revision, key**); Terayama, 2009: 124 (Taiwan species key); Jaitrong, *et al.* 2010: 34 (*A. wroughtonii* group key); Jaitrong & Yamane, 2010: 329 (*A. silvestrii* group key); Jaitrong, *et al.* 2011: 321 (Laos species key); Keller, 2011: 1 (morphology, phylogeny); Jaitrong & Yamane, 2011: 4, 11, 24 (*Aenictus* species groups key, *A. curax* group key, *A. laeviceps* group key); Jaitrong & Yamane, 2012: 52, 67 (*A. javanus* and *A. philippinensis* groups keys); Bharti, Wachkoo & Kumar, 2012: 293 (India species key); Jaitrong & Wiwatwitaya, 2013: 98 (Southeast Asian *A. pachycerus* group key); Jaitrong & Yamane, 2013: 169 (*A. ceylonicus* group revision, key).

Genus **AMYRMEX**

Amyrmex Kusnezov, 1953b: 333. Type-species: *Amyrmex golbachi* Kusnezov, 1953b: 335, by original designation.

Taxonomic history

Amyrmex in Dolichoderinae, Tapinomini: Kusnezov, 1953b: 333; Kempf, 1972a: 20; Dlussky & Fedoseeva, 1988: 77; Dubovikov, 2005: 91 (implied).

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

Amyrmex in Leptanilloidinae: Ward & Brady, 2009: 48.

Amyrmex in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Amyrmex as junior synonym of *Forelius*: Shattuck, 1992c: 87; Shattuck, 1994: 91; Bolton, 1994: 26; Bolton, 1995b: 20.

Amyrmex as genus: Kusnezov, 1953b: 333; Kempf, 1972a: 20; Dlussky & Fedoseeva, 1988: 77; Cuezzo, 2000: 271; Bolton, 2003: 82; Ward & Brady, 2009: 49.

Amyrmex references: Cuezzo, 2000: 271 (review of genus); Ward & Brady, 2009: 49 (diagnosis).

Genus **ASPHINCTANILLOIDES**

Asphinctanilloides Brandão, Diniz, Agosti & Delabie, 1999: 30. Type-species: *Asphinctanilloides anae* Brandão, Diniz, Agosti & Delabie, 1999: 32, by original designation.

Taxonomic history

Asphinctanilloides in Leptanilloidinae: Brandão, Diniz, Agosti & Delabie, 1999: 30.

Asphinctanilloides in Dorylinae: Brady, *et al.* 2014: 4 (by implication).

Asphinctanilloides as genus: all authors.

***Asphinctanilloides* references:** Brandão, Diniz, Agosti & Delabie, 1999: 30 (**all species key**).

Genus **CERAPACHYS**

Cerapachys Smith, F. 1857a: 74. Type-species: *Cerapachys antennatus* Smith, F. 1857a: 74, by subsequent designation of Bingham, 1903: 28.

Taxonomic history

Cerapachys in Myrmicinae: Smith, F. 1857a: 74 [Myrmicidae]; Smith, F. 1861b: 47 [Myrmicidae]; Smith, F. 1871a: 329 [Myrmicidae].

Cerapachys in Ponerinae: Dalla Torre, 1893: 17.

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

Cerapachys in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1900d: 331; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 137; Emery, 1911d: 8; Arnold, 1915: 11; Forel, 1917: 239; Brown, 1975: 18; Snelling, R.R. 1981: 389; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Cerapachys in Cerapachyinae, Cerapachyini: Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 632; Chapman & Capco, 1951: 17; Kempf, 1972a: 76; Wheeler, G.C. & Wheeler, J. 1985: 256; Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; Bolton, 2003: 34.

Cerapachys in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Cerapachys as genus: all authors.

[*Orapachys*: incorrect subsequent spelling by Forel, 1893a: 162.]

Junior synonyms of **CERAPACHYS**

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.

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

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

Syscia in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Syscia as genus: Dalla Torre, 1893: 17; Forel, 1900d: 329; Bingham, 1903: 31.

Syscia as subgenus of *Cerapachys*: Wheeler, W.M. 1902d: 185; Emery, 1902c: 24; 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: 76; Brown, 1975: 18; all subsequent authors.

Ooceraea Roger, 1862a: 248. Type-species: *Ooceraea fragosa* Roger, 1862a: 249, by monotypy.

Taxonomic history

Ooceraea in Myrmicinae: Mayr, 1865: 24 [Myrmicidae].

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

Ooceraea in Poneridae: Smith, F. 1871a: 324.

Ooceraea in Ponerinae: Dalla Torre, 1893: 17.

Ooceraea in Ponerinae, Cerapachyini: Forel, 1893a: 162.

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

Ooceraea in Ecitoninae, Ecitonini: Ashmead, 1905b: 381; Ashmead, 1906: 25.

Ooceraea in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Ooceraea as genus: Roger, 1862a: 248; Smith, F. 1871a: 324; Dalla Torre, 1893: 17; Forel, 1900d: 329; Bingham, 1903: 31.

Ooceraea as subgenus of *Cerapachys*: Emery, 1902c: 24; Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1910g: 137; Emery, 1911d: 10; Forel, 1917: 239; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 678.

Ooceraea as junior synonym of *Cerapachys*: Brown, 1973b: 183 [provisional]; Brown, 1975: 19; all subsequent authors.

Lioponera Mayr, 1879: 666. Type-species: *Lioponera longitarsus* Mayr, 1879: 667, by monotypy.

Taxonomic history

Lioponera in Ponerinae: Dalla Torre, 1893: 17.

Lioponera in Pachycondylinae, Lioponerini: Ashmead, 1905b: 382.

Lioponera in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1900d: 329; Wheeler, W.M. 1910g: 137; Emery, 1911d: 11; Forel, 1917: 239.

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

Lioponera in Cerapachyinae, Cerapachyini: Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 657.

Lioponera in Dorylinae: Brady, et al. 2014: 4 (in figure).

Lioponera as subgenus of *Cerapachys*: Forel, 1892l: 244.

Lioponera as genus: Mayr, 1879: 666; Dalla Torre, 1893: 17; Forel, 1900d: 329; Bingham, 1903: 26; Emery, 1911d: 11; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 657; Wheeler, G.C. & Wheeler, J. 1985: 256.

Lioponera as junior synonym of *Cerapachys*: Brown, 1975: 19; all subsequent authors except for the above.

Parasyscia Emery, in André, 1882c: 235. Type-species: *Parasyscia piochardi* Emery, in André, 1882c: 236, by monotypy.

Taxonomic history

Parasyscia in Ponerinae: Dalla Torre, 1893: 17.

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

Parasyscia in Ponerinae, Cerapachyini: Forel, 1893a: 162 [Cerapachysii]; Ashmead, 1905b: 382.

Parasyscia in Dorylinae: Brady, et al. 2014: 4 (in figure).

Parasyscia as genus: Dalla Torre, 1893: 17.

Parasyscia as subgenus of *Cerapachys*: Forel, 1892l: 243; Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1910g: 137; Emery, 1911d: 9; Forel, 1917: 239; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 681; Creighton, 1950a: 57.

Parasyscia as junior synonym of *Cerapachys*: Kempf, 1972a: 76; Brown, 1975: 18; all subsequent authors.

Phyracaces Emery, 1902c: 23. Type-species: *Cerapachys mayri* Forel, 1892l: 244, by original designation.

Taxonomic history

Phyracaces in Ponerinae, Cerapachyini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 137; Emery, 1911d: 10; Arnold, 1915: 17; Forel, 1917: 239.

Phyracaces in Cerapachyinae, Cerapachyini: Wheeler, W.M. 1902d: 185; Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 683.

Phyracaces as genus: Emery, 1911d: 10; Wheeler, W.M. 1922a: 639; Wheeler, G.C. & Wheeler, J. 1985: 256.

Phyracaces as junior synonym of *Cerapachys*: Brown, 1973b: 183 [provisional]; Brown, 1975: 19; all subsequent authors except for the above.

Cysias Emery, 1902c: 24 [as subgenus of *Cerapachys*]. Type-species: *Ooceraea papuana* Emery, 1897c: 594, by original designation.

Taxonomic history

Cysias in Ponerinae, Cerapachyini: Ashmead, 1905b: 382.

Cysias as genus: Ashmead, 1905b: 382.

Cysias as subgenus of *Cerapachys*: Emery, 1902c: 24; Wheeler, W.M. 1910g: 137; Donisthorpe, 1943f: 637.

Cysias as junior synonym of *Syscia*: Emery, 1911d: 10; Brown, 1975: 19; all subsequent authors.

Ceratopachys Schulz, W.A. 1906: 155, unjustified emendation of *Cerapachys*.

Taxonomic history

Ceratopachys as junior synonym of *Cerapachys*: Wheeler, W.M. 1922a: 755.

Chrysapace Crawley, 1924: 380. Type-species: *Chrysapace jacobsoni* Crawley, 1924: 381 (junior secondary homonym in *Cerapachys*; replacement name: *Cerapachys (Chrysapace) crawleyi* Wheeler, W.M. 1924d: 225), by monotypy.

Taxonomic history

Chrysapace in Ponerinae: Crawley, 1924: 380.

Chrysapace in Cerapachyinae, Cerapachyini: Donisthorpe, 1943f: 633.

Chrysapace in Dorylinae: Brady, et al. 2014: 4 (in figure).

Chrysapace as junior synonym of *Cerapachys*: Brown, 1975: 19; all subsequent authors.

Neophyracaces Clark, 1941: 76. Type-species: *Phyracaces clarus* Clark, 1930c: 3 (junior secondary homonym in *Cerapachys*; first available replacement name: *Phyracaces princeps* Clark, 1934b: 24), by original designation.

Taxonomic history

Neophyracaces in Cerapachyinae: Clark, 1941: 76.

Neophyracaces as junior synonym of *Cerapachys*: Brown, 1973b: 183 [provisional]; Brown, 1975: 19; all subsequent authors.

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).

Yunodorylus as junior synonym of *Cerapachys*: Bolton, 2003: 141, 268; Borowiec, M.L. 2009: 57.

***Cerapachys* catalogues:** Roger, 1863b: 21, 25 (*Syscia*, *Cerapachys*); Mayr, 1863: 403, 439, 455 (*Cerapachys*, *Ooceraea*, *Syscia*); Dalla Torre, 1893: 17 (*Lioponera*, *Cerapachys*, *Parasyscia*, *Ooceraea*, *Syscia*); Emery, 1911d: 8 (*Cerapachys*); Emery, 1911d: 9 (*C. (Parasyscia)*); Emery, 1911d: 10 (*C. (Ooceraea)* & *C. (Syscia)*); Emery, 1911d: 10 (*Phyracaces*); Emery, 1911d: 11 (*Lioponera*); Wheeler, W.M. 1922a: 755, 756, 757 (Afrotropical *Cerapachys*, *Phyracaces*, *Lioponera*); Wheeler, W.M. 1922a: 1005 (Malagasy *Cerapachys*, *Phyracaces*); Chapman & Capco, 1951: 17, 21, 22 (Asia *Cerapachys*, *Lioponera*, *Phyracaces*); Smith, M.R. 1951a: 782 (North America *Parasyscia*); Kempf, 1972a: 76 (Neotropical); Smith, D.R. 1979: 1333 (North America); Taylor & Brown, D.R. 1985: 23 (Australia); Taylor, 1987a: 16 (Australia, New Caledonia); Bolton, 1995b: 142.

***Cerapachys* references:** Mayr, 1865: 15, 24 (*Syscia*, *Ooceraea* diagnoses); André, 1882c: 236 (Europe & Algeria species); Forel, 1900d: 331 (India & Sri Lanka species key); Bingham, 1903: 27, 28 (India, Sri Lanka & Burma *Lioponera*, *Cerapachys* species keys); Emery, 1911d: 8 (*Cerapachys* diagnosis); Emery, 1911d: 9 (*C. (Parasyscia)* diagnosis); Emery, 1911d: 10 (*C. (Ooceraea)* & *C. (Syscia)* diagnoses); Emery, 1911d: 10 (*Phyracaces* diagnosis); Emery, 1911d: 11 (*Lioponera* diagnosis); Arnold, 1915: 11, 12, 17 (*Cerapachys* diagnosis, South Africa species key, *Phyracaces* diagnosis); Wheeler, W.M. 1918a: 239 (Australia *Phyracaces* species key); Mann, 1921: 408 (Fiji Is species key); Wheeler, W.M. 1922a: 52, 53; 639 (*Cerapachys*, *Phyracaces* diagnoses; subgenera key); Wheeler, W.M. 1924d: 224 (*Chrysapace*, comments); Arnold, 1926: 193 (South Africa species, revised key); Donisthorpe, 1939a: 253 (*Lioponera* diagnosis); Wilson, 1959b: 44, 52, 55, 56 (Melanesia, Fiji Is, New Guinea & New Caledonia species keys); Brown, 1975: 18, 26 (diagnosis, **Afrotropical and Indo-Australia species keys**); Terayama, Kubota, Sakai & Kawazoe, 1988: 35 (Taiwan species key); Morisita, Kubota, Onoyama, *et al.* 1989: 30 (Japan species key); Bolton, 1995a: 1048 (census); Wu, J. & Wang, 1995: 47 (China species key); Collingwood & Agosti, 1996: 312 (Saudi Arabia species key); Terayama, 1996: 18 (Japan species key); Shattuck, 1999: 60 (Australia synopsis); Mackay & Mackay, 2002: 36 (U.S.A., New Mexico species key); Borowiec, M.L. 2009: 46 (*C. sexspinus* group key); Terayama, 2009: 122 (Taiwan species key); Heterick, 2009: 126 (south-western Australia species key); Sarnat & Economo, 2012: 24 (Fiji Is species key); Bharti & Akbar, 2013a: 82 (India species key); Bharti & Wachkoo, 2013d: 1192 (India species key).

See also: *Cerapachyinae* and *Cerapachyini* references, under junior synonyms of Dorylinae.

Genus *CHELIOMYRMEX*

Cheliomyrmex Mayr, 1870b: 968. Type-species: *Cheliomyrmex nortoni* Mayr, 1870b: 969 (junior synonym of *Labidus morosus* Smith, F. 1859b: 6), by monotypy.

Taxonomic history

Cheliomyrmex in Dorylinae: Forel, 1878: 365 (footnote) [Dorylidae]; Dalla Torre, 1893: 7.

Cheliomyrmex in Dorylinae, Dorylini: Forel, 1893a: 163; Ashmead, 1905b: 381; Ashmead, 1906: 27.

Cheliomyrmex in Dorylinae, Ecitonini: Emery, 1895j: 765 [Ecitonii]; Emery, 1910b: 16 [Ecitini]; Wheeler, W.M. 1910g: 138; Forel, 1917: 240; Wheeler, W.M. 1922a: 635; Donisthorpe, 1943f: 633.

Cheliomyrmex in Dorylinae, Cheliomyrmecini: Wheeler, W.M. 1921d: 319; Borgmeier, 1955: 58; Kempf, 1972a: 76; Dlussky & Fedoseeva, 1988: 79.

Cheliomyrmex in Ecitoninae: Brown, 1973b: 166; Snelling, R.R. 1981: 392.

Cheliomyrmex in Ecitoninae, Cheliomyrmecini: Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 11; Jaffe, 1993: 13; Bolton, 1994: 39; subsequent authors to the following.

Cheliomyrmex in Doryinae: Brady, *et al.* 2014: 4 (in figure).

Cheliomyrmex as genus: all authors.

***Cheliomyrmex* catalogues:** Dalla Torre, 1893: 7; Emery, 1910b: 16; Kempf, 1972a: 76; Bolton, 1995b: 145.

***Cheliomyrmex* references:** Emery, 1910b: 16 (diagnosis); Borgmeier, 1955: 59, 62 (diagnosis, **all species revision, key**); Gotwald, 1971: 161 (phylogeny); Gotwald & Kupiec, 1975: 961 (morphology); Watkins, 1976: 6 (**all species key**); Bolton, 1995a: 1048 (census); Palacio, 1999: 148 (Colombia species key); Bolton, 2003: 35, 143 (diagnosis, synopsis).

Genus **CYLINDROMYRMEX**

Cylindromyrmex Mayr, 1870b: 967. Type-species: *Cylindromyrmex striatus* Mayr, 1870b: 967, by monotypy.

Taxonomic history

Cylindromyrmex in Ponerinae: Dalla Torre, 1893: 16.

Cylindromyrmex in Ponerinae, Cerapachyini: Forel, 1893a: 162; Forel, 1895b: 116; Wheeler, W.M. 1910g: 137 [subtribe Cylindromyrmecini].

Cylindromyrmex in Ponerinae, Ectatommini: Emery, 1895j: 767.

Cylindromyrmex in Ponerinae, Ponerini: Forel, 1899c: 4.

Cylindromyrmex in Dorylinae, Cylindromyrmecini: Emery, 1901a: 34.

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

Cylindromyrmex in Ponerinae, Cylindromyrmecini: Emery, 1911d: 14; Forel, 1917: 239; Wheeler, W.M. 1922a: 640; Wheeler, W.M. 1924a: 104; Brown, 1975: 36; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Cylindromyrmex in Cerapachyinae, Cylindromyrmecini: Wheeler, W.M. 1902d: 185; Donisthorpe, 1943f: 636; Kempf, 1972a: 91; Bolton, 1990a: 67; Bolton, 1990c: 1357; Jaffe, 1993: 9; Bolton, 1994: 19; subsequent authors to the following.

Cylindromyrmex in Dorylinae: Brady, et al. 2014: 4 (in figure).

Cylindromyrmex as subgenus of *Cerapachys*: Forel, 1892I: 243.

Cylindromyrmex as genus: Mayr, 1870b: 967; Dalla Torre, 1893: 16; Wheeler, W.M. 1910g: 137; all subsequent authors.

Junior synonyms of CYLINDROMYRMEX

Holcoponera Cameron, 1891: 92. Type-species: *Holcoponera whymperi* Cameron, 1891: 92, by monotypy.

Taxonomic history

[Junior homonym of *Holcoponera* Mayr, 1887: 540 (Formicidae).]

Holcoponera Cameron as junior synonym of *Cylindromyrmex*: Forel, 1892f: 256; Dalla Torre, 1893: 16; Emery, 1911d: 14; all subsequent authors.

Hypocylindromyrmex Wheeler, W.M. 1924a: 106 [as subgenus of *Cylindromyrmex*]. Type-species: *Cylindromyrmex longiceps* André, 1892a: 47, by original designation.

Taxonomic history

Hypocylindromyrmex as junior synonym of *Cylindromyrmex*: Brown, 1973b: 181 [provisional]; Brown, 1975: 36; all subsequent authors.

Metacylindromyrmex Wheeler, W.M. 1924a: 106 [as subgenus of *Cylindromyrmex*]. Type-species: *Cylindromyrmex godmani* Forel, 1899c: 4, by original designation.

Taxonomic history

Metacylindromyrmex as junior synonym of *Cylindromyrmex*: Kempf, 1972a: 91; Brown, 1975: 36; all subsequent authors.

***Cylindromyrmex* catalogues:** Dalla Torre, 1893: 16; Emery, 1911d: 14; Kempf, 1972a: 91; Bolton, 1995b: 167.

***Cylindromyrmex* references:** Emery, 1911d: 14 (diagnosis); Arnold, 1915: 19 (diagnosis); Wheeler, W.M. 1922a: 640 (genera key); Wheeler, W.M. 1924a: 104 (all species key); Menozzi, 1931d: 194 (all species key); Wheeler, W.M. 1937b: 444 (all species key); Brown, 1975: 36 (diagnosis, review of tribe and genus, **all species key**); Bolton, 1990a: 59 (abdominal morphology); Bolton, 1995a: 1049 (census); De Andrade, 1998a: 581 (diagnosis, **all species revision, key**); Bolton, 2003: 33, 138 (diagnosis, synopsis).

Genus *DORYLUS*

Dorylus Fabricius, 1793: 365. Type-species: *Vespa helvola* Linnaeus, 1764: 412, by monotypy.

Taxonomic history

Dorylus in Dorylidae: Leach, 1815: 147 [Dorylida]; Shuckard, 1840b: 268; Smith, F. 1859b: 1; Smith, F. 1871a: 335.

Dorylus in Dorylinae: Mayr, 1865: 17 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae]; Dalla Torre, 1893: 9; Brady, *et al.* 2014: 4 (in figure).

Dorylus in Dorylinae, Dorylini: Forel, 1893a: 163; Emery, 1895j: 764 [Dorylidi]; Ashmead, 1905b: 381; Wheeler, W.M. 1910g: 137; Emery, 1910b: 5; Arnold, 1915: 113; Forel, 1917: 239; all subsequent authors.

Dorylus as genus: all authors.

Subgenera of *DORYLUS* include the nominal plus the following.

Subgenus *DORYLUS (TYPHLOPONE)*

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: 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]; Forel, 1878: 365 (footnote) [Dorylidae].

Typhlopone in Myrmicinae: Emery & Forel, 1879a: 465 [Myrmicidae].

Typhlopone in Dorylinae, Dorylini: Ashmead, 1905b: 381.

Typhlopone as genus: Westwood, 1839: 219; Shuckard, 1840b: 262; Roger, 1863b: 20; Emery & Forel, 1879: 465; Ashmead, 1905b: 381; Ashmead, 1906: 26.

Typhlopone as subgenus of *Labidus*: Shuckard, 1840b: 265.

Typhlopone as junior synonym of *Dorylus*: Dalla Torre, 1893: 9; Bingham, 1903: 1; Brown, 1973b: 185 [provisional].

Typhlopone as subgenus of *Dorylus*: Emery, 1895j: 701; Emery, 1910b: 12; Wheeler, W.M. 1910g: 137; Arnold, 1915: 125; Forel, 1917: 239; Wheeler, W.M. 1922a: 634; all subsequent authors.

Junior synonym of *DORYLUS (TYPHLOPONE)*

Cosmaecetes Spinola, 1851b: 54. Type-species: *Cosmaecetes homalinus* Spinola, 1851b: 55 (junior synonym of *Dorylus juvenculus* Shuckard, 1840c: 318), by monotypy.

Taxonomic history

[*Cosmaecetes* also described as new by Spinola, 1853: 70.]

Cosmaecetes as junior synonym of *Dorylus*: Dalla Torre, 1893: 9.

Cosmaecetes as junior synonym of *Typhlopone*: Smith, F. 1858b: 110; Roger, 1863b: 20; Emery & Forel, 1879a: 465; Emery, 1895j: 723; Emery, 1910b: 12.

[*Cosmaegetes*: incorrect subsequent spelling by Dalla Torre, 1893: 9.]

Subgenus **DORYLUS (RHOGMUS)**

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.

Rhogmus in Dorylinae, Dorylini: Forel, 1893a: 163; Ashmead, 1906: 26.

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

Rhogmus as subgenus of *Dorylus*: Emery, 1895j: 702; Emery, 1910b: 13; Wheeler, W.M. 1910g: 137; Arnold, 1915: 129; Forel, 1917: 239; Wheeler, W.M. 1922a: 634; all subsequent authors except the following.

Rhogmus as junior synonym of *Dorylus*: Brown, 1973b: 184 [provisional].

Subgenus **DORYLUS (ANOMMA)**

Anomma Shuckard, 1840c: 326. Type-species: *Anomma burmeisteri* Shuckard, 1840c: 326, by original designation.

Taxonomic history

Anomma in Dorylidae: Shuckard, 1840c: 326.

Anomma in Poneridae: Smith, F. 1858b: 112; Smith, F. 1871a: 324.

Anomma in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae].

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

Anomma in Dorylinae, Dorylini: Forel, 1893a: 163; Ashmead, 1906: 26, all subsequent authors.

Anomma as genus: Shuckard, 1840c: 326; Mayr, 1862: 737; Roger, 1863b: 20; Dalla Torre, 1893: 8; Forel, 1893a: 163; Ashmead, 1906: 26; Brown, 1973b: 178 [provisional genus].

Anomma as subgenus of *Dorylus*: Haldeman, 1849a: 201 [*Anomma* congeneric with *Dorylus*]; Emery, 1895j: 701; Emery, 1910b: 10; Wheeler, W.M. 1910g: 137; Forel, 1917: 239; Wheeler, W.M. 1922a: 634; Donisthorpe, 1943f: 623; all subsequent authors.

Junior synonyms of *DORYLUS (ANOMMA)*

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

Taxonomic history

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

Sphecomyrmex Schulz, W.A. 1906: 154, unjustified emendation of *Sphegomyrmex*.

Taxonomic history

Sphecomyrmex as junior synonym of *Anomma*: Bolton, 1995b: 46.

Subgenus *DORYLUS (DICHTHADIA)*

Dichthadia Gerstäcker, 1863: 93. Type-species: *Dichthadia glaberrima* Gerstäcker, 1863: 93 (junior synonym of *Typhlopone laevigata* Smith, F. 1857a: 70), by monotypy.

Taxonomic history

[Type-species not *Dichthadia furcata* Gerstäcker, 1872: 267, unjustified subsequent designation by Ashmead, 1906: 26.]

Dichthadia in Dorylinae: Mayr, 1865: 17 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae].

Dichthadia in Dorylinae, Dorylini: Ashmead, 1905b: 381.

Dichthadia as genus: Gerstäcker, 1863: 93; Roger, 1863b: 42; Ashmead, 1905b: 381; Ashmead, 1906: 26.

Dichthadia as junior synonym of *Dorylus*: Dalla Torre, 1893: 9; Bingham, 1903: 1; Brown, 1973b: 180 [provisional].

Dichthadia as subgenus of *Dorylus*: Emery, 1895j: 702; Emery, 1910b: 8; Wheeler, W.M. 1910g: 137; Forel, 1917: 239; Wheeler, W.M. 1922a: 633; all subsequent authors.

Subgenus *DORYLUS (ALAOPONE)*

Alaopone Emery, 1881a: 274. Type-species: *Alaopone oberthueri* Emery, 1881a: 274 (junior synonym of *Dorylus orientalis* Westwood, 1835: 72), by subsequent designation of Emery, 1910b: 15.

Taxonomic history

[Type-species not *Typhlopone carteri* Ashmead, 1906: 26, *nomen nudum* (attributed to Shuckard).]

Alaopone in Dorylinae, Dorylini: Ashmead, 1905b: 381.

Alaopone as junior synonym of *Dorylus*: Dalla Torre, 1893: 9; Bingham, 1903: 1.

Alaopone as genus: Emery, 1881a: 274; Ashmead, 1905b: 381; Ashmead, 1906: 26.

Alaopone as subgenus of *Dorylus*: Emery, 1895j: 702; Emery, 1910b: 14; Wheeler, W.M. 1910g: 137; Arnold, 1915: 133; Forel, 1917: 239; Wheeler, W.M. 1922a: 633; Santschi, 1939a: 143; all subsequent authors.

Junior synonym of *DORYLUS (ALAOPONE)*

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 Dorylinae, Dorylini: Ashmead, 1905b: 381.

Shuckardia as genus: Ashmead, 1905b: 381 (raised to genus); 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.

Dorylus catalogues: Roger, 1863b: 20, 20, 41, 42, 42 (*Typhlopone*, *Anomma*, *Dorylus*, *Rhogmus*, *Dichthadia*); Mayr, 1863: 394, 407, 408, 453, 457 (*Anomma*, *Dichthadia*, *Dorylus*, *Rhogmus*, *Typhlopone*); Emery & Forel, 1879: 465 (Europe *Typhlopone*); Dalla Torre, 1893: 8, 8, 9 (*Rhogmus*, *Anomma*, *Dorylus*)); Emery, 1910b: 8, 9, 10, 12, 13, 14 (*D. (Dichthadia)*, *D. (Dorylus)*, *D. (Anomma)*, *D. (Typhlopone)*, *D. (Rhogmus)*, *D. (Alaopone)*); Wheeler, W.M. 1922a: 727, 735, 742, 745, 747 (Afrotropical *D. (Dorylus)*, *D. (Anomma)*, *D. (Typhlopone)*, *D. (Rhogmus)*, *D. (Alaopone)*); Chapman & Capco, 1951: 9 (Asia); Bolton, 1995b: 177.

Dorylus and Dorylinae references: Shuckard, 1840a: 195 (genera key); Smith, F. 1858b: 110, 112 (*Typhlopone*, *Anomma* diagnoses); Mayr, 1865: 16, 17 (Dorylinae, *Typhlopone*, *Anomma*, *Dorylus*, *Rhogmus*, *Dichthadia* diagnoses); Mayr, 1867a: 91 (*Typhlopone* diagnosis); Forel, 1878: 365 (diagnosis); André, 1882c: 251 (Europe & Algeria species key); Emery, 1895j: 699, 701, 706; 764

(diagnosis genus, subgenera, all species key; diagnoses subfamily & tribe); Emery, 1896e: 174 (genera key); Forel, 1901a: 462 (subgenera key); Bingham, 1903: 2 (diagnosis, India, Sri Lanka & Burma species key); Ashmead, 1906: 22, 25, 26 (subfamilies, tribes & genera keys); Wheeler, W.M. 1910g: 137 (diagnosis); Emery, 1910b: 4 (diagnosis, tribes, key); Santschi, 1912b: 154 (*D. (Anomma)* species key); Arnold, 1915: 113, 114, 115 125, 129, 133 (tribes key, *Dorylus* subgenera key, South Africa *D. (Dorylus)* species key, *D. (Typhlopone)*, *D. (Rhogmus)*, *D. (Alaopone)*); Forel, 1917: 239 (synoptic classification); Santschi, 1919b: 231 (*D. (Rhogmus)* males key,); Forel, 1921c: 135 (diagnosis); Wheeler, W.M. 1922a: 39, 41, 633 (subfamily & genus diagnoses, tribes & subgenera key); Morley, 1939: 114 (phylogeny); Santschi, 1939a: 152 (*D. (Alaopone)* species, males key); Brown & Nutting, 1950: 123 (venation & phylogeny); Brown, 1954e: 28 (phylogeny); Raignier & Boven, 1955: 86, 114 (*D. (Anomma)* species key); Borgmeier, 1955: 57 (tribes key); Eisner, 1957: 478 (proventriculus morphology); Wilson, 1964a: 436 (**Indo-Australian species key**); Gotwald, 1969: 49 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 36 (diagnosis); Kempf, 1972a: 265 (Neotropical, synoptic classification); Boven, 1972: 142 (*D. (Anomma)* queens key; Brown, 1973b: 166 (genera & distribution); Boven, 1975: 196 (*D. (Dorylus)* queens key); Wheeler, G.C. & Wheeler, J. 1976b: 46 (larvae, review & synthesis); Smith, D.R. 1979: 1326 (North America); Gotwald & Burdette, 1981: 78 (phylogeny); Snelling, R.R. 1981: 390 (synoptic classification); Gotwald & Schaefer, 1982: 187 (*D. (Anomma)* morphology); (Gotwald, 1982: 168 (*Dorylus* subgenera key); Barr & Gotwald, 1982: 2652 (phenetic affinities of males); Wheeler, G.C. & Wheeler, J. 1985: 256 (synoptic classification); Billen, 1986: 168 (Dufour's gland); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 9 onward (synoptic classification, world genera, keys); Bolton, 1990c: 1357 (diagnosis, morphology, phylogeny); Baroni Urbani, Bolton & Ward, 1992: 316 (phylogeny); Xu, 1994a: 118 (China species key); Bolton, 1994: 35 (diagnosis, synoptic classification); Bolton, 1995a: 1049 (census); Hölldobler, Obermayer & Peeters, 1996: 158 (metatibial gland); Perfil'eva, 2002: 1239 (venation); Brady, 2003: 6575 (phylogeny); Bolton, 2003: 36, 147 (diagnosis, synopsis); Brady & Ward, 2005: 593 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny).

Genus **ECITON**

Eciton Latreille, 1804: 179. Type-species: *Formica hamata* Fabricius, 1782: 494, by subsequent designation of Shuckard, in Swainson & Shuckard, 1840: 173.

Taxonomic history

Eciton in Myrmicites: Lepeletier de Saint-Fargeau, 1835: 172.

Eciton in Poneridae, Myrmicinae: Smith, F. 1858b: 148.

Eciton in Myrmicinae: Mayr, 1865: 17 [Myrmicidae]; Cresson, 1887: 259 [Myrmicidae].

Eciton in Dorylinae: Forel, 1878: 365 (footnote) [Dorylidae]; Dalla Torre, 1893: 1; Forel, 1895b: 118; Forel, 1899c: 22.

Eciton in Dorylinae, Ecitonini: Forel, 1893a: 163; Emery, 1895j: 765 [Ecitonii]; Emery, 1910b: 17 [Ecitini]; Wheeler, W.M. 1910g: 138; Forel, 1917: 240; Gallardo, 1920: 312; Wheeler, W.M. 1922a: 635; Borgmeier, 1923: 37; Donisthorpe, 1943f: 641; Borgmeier, 1955: 79; Kempf, 1972a: 101; Dlussky & Fedoseeva, 1988: 79.

Eciton in Ecitoninae: Brown, 1973b: 166; Snelling, R.R. 1981: 392.

Eciton in Ecitoninae, Ecitonini: Ashmead, 1905b: 381; Ashmead, 1906: 24; Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 12; Jaffe, 1993: 13; Bolton, 1994: 39; subsequent authors to the following.

Eciton in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Eciton as genus: all authors.

Junior synonyms of ECITON

Ancylognathus Lund, 1831a: 121, 135. Type-species: *Ancylognathus lugubris* Lund, 1831a: 121, *nomen nudum*.

Taxonomic history

Ancylognathus material referred to *Eciton*: Smith, F. 1855c: 160; all subsequent authors.

Camptognatha Gray, G.R. 1832: 516. Type-species: *Camptognatha testacea* Gray, G.R. 1832: 516 (junior synonym of *Formica hamata* Fabricius, 1782: 494), by monotypy.

Taxonomic history

Camptognatha as junior synonym of *Eciton*: Smith, F. 1855c: 160; Roger, 1863b: 36; Dalla Torre, 1893: 1; Emery, 1910b: 19; Borgmeier, 1955: 162; all subsequent authors.

Mayromyrmex Ashmead, 1905b: 381. Type-species: *Labidus fargeavii* Shuckard, 1840a: 198 (junior synonym of *Atta quadriglumis* Haliday, 1836: 328), by original designation.

Taxonomic history

Mayromyrmex in Ecitoninae, Ecitonini: Ashmead, 1905b: 381; Ashmead, 1906: 24.

Mayromyrmex as junior synonym of *Eciton*: Emery, 1906a: 718; Emery, 1910b: 19; Borgmeier, 1955: 162; all subsequent authors.

Holopone Santschi, 1925b: 11 [as subgenus of *Eciton*]. Type-species: *Eciton rapax* Smith, F. 1855c: 163, by original designation.

Taxonomic history

Holopone as junior synonym of *Eciton*: Borgmeier, 1936: 55; Borgmeier, 1955: 162; all subsequent authors.

Eciton catalogues: Roger, 1863b: 36; Mayr, 1863: 408; Dalla Torre, 1893: 1; Emery, 1910b: 19 (*E. (Eciton)*); Kempf, 1972a: 101; Brandão, 1991: 341; Bolton, 1995b: 184.

Eciton references: Smith, F. 1858b: 148 (diagnosis); Mayr, 1865: 17, 77 (diagnosis, all species key); Mayr, 1886a: 115 (all species key); Emery, 1900a: 176 (all species, males key); Emery, 1910b: 17, 19 (diagnosis, subgenera key); Gallardo, 1920: 312 (Argentina species key); Borgmeier, 1955: 162, 175 (diagnosis, **all species revision, key**); Watkins, 1976: 9 (**all species key**); Watkins, 1982: 209 (Mexico species key); Billen, 1986: 170 (Dufour's gland); Bolton, 1995a: 1049 (census); Palacio, 1999: 151 (Colombia species key).

See also: Ecitoninae and Ecitonini references, under junior synonyms of Dorylinae.

Genus *LABIDUS*

Labidus Jurine, 1807: 282. Type-species: *Labidus latreillii* Jurine, 1807: 283 (junior synonym of *Formica coeca* Latreille, 1802c: 270), by monotypy.

Taxonomic history

Labidus in Dorylidae: Leach, 1815: 147 [Dorylida]; Haliday, 1836: 331; Shuckard, 1840a: 196; Smith, F. 1859b: 1; Cresson, 1887: 259.

Labidus in Dorylinae: Mayr, 1865: 16 [Dorylidae]; Forel, 1878: 365 (footnote) [Dorylidae].

Labidus in Dorylinae, Ecitonini: Emery, 1910b: 21 [Ecitini]; Forel, 1917: 240; Donisthorpe, 1943f: 654; Borgmeier, 1955: 79; Kempf, 1972a: 126; Dlussky & Fedoseeva, 1988: 79.

Labidus in Ecitoninae: Brown, 1973b: 166; Snelling, R.R. 1981: 392.

Labidus in Ecitoninae, Ecitonini: Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 12; Jaffe, 1993: 13; Bolton, 1994: 39; subsequent authors to the following.

Labidus in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Labidus as junior synonym of *Eciton*: Dalla Torre, 1893: 1.

Labidus as subgenus of *Eciton*: Emery, 1910b: 21; Forel, 1917: 240; Gallardo, 1920: 312; Wheeler, W.M. 1922a: 635; Borgmeier, 1923: 41; Donisthorpe, 1943f: 654; Creighton, 1950a: 61; Smith, M.R. 1951a: 779; Kusnezov, 1956: 9.

Labidus as genus: Jurine, 1807: 282; Shuckard, 1840a: 196; Borgmeier, 1953: 4; Borgmeier, 1955: 80; Smith, M.R. 1958c: 108; all subsequent authors.

Junior synonyms of *LABIDUS*

Nycteresia Roger, 1861a: 21. Type-species: *Formica coeca* Latreille, 1802c: 270, by monotypy.

Taxonomic history

Nycteresia in Ponerinae: Mayr, 1862: 714 [Poneridae].

Nycteresia as junior synonym of *Eciton*: Mayr, 1865: 76; Dalla Torre, 1893: 1.

Nycteresia as junior synonym of *Labidus*: Emery, 1910b: 21; Donisthorpe, 1943f: 675; Borgmeier, 1955: 80; all subsequent authors.

Pseudodichthadia André, 1885: 838. Type-species: *Pseudodichthadia incerta* André, 1885: 840 (junior synonym of *Formica coeca* Latreille, 1802c: 270), by monotypy.

Taxonomic history

Pseudodichthadia in Dorylidae: André, 1885: 838.

Pseudodichthadia in Dorylinae: Dalla Torre, 1893: 7.

Pseudodichthadia in Dorylinae, Ecitonini: Forel, 1893a: 163; Emery, 1895j: 765 [Ecitonii].

Pseudodichthadia as genus: Dalla Torre, 1893: 7.

Pseudodichthadia as junior synonym of *Ecton*: André, in Forel, 1899c: 160 (footnote).

Pseudodichthadia as junior synonym of *Labidus*: Emery, 1910b: 21; Borgmeier, 1955: 80; all subsequent authors.

Labidus catalogues: Roger, 1863b: 21, 41 (*Nycteresia*, *Labidus*); Mayr, 1863: 424, 436 (*Labidus*, *Nycteresia*); Cresson, 1887: 259 (U.S.A.); Emery, 1910b: 21 (*E. (Labidus)*); Smith, M.R. 1951a: 779 (North America); Kempf, 1972a: 126 (Neotropical); Smith, D.R. 1979: 1327 (North America); Bolton, 1995b: 219.

Labidus references: Mayr, 1865: 16 (diagnosis); Emery, 1910b: 21 (diagnosis); Gallardo, 1920: 312 (Argentina species key); Creighton, 1950a: 62 (**Nearctic species key**); Borgmeier, 1955: 80, 84 (diagnosis, **all species revision, key**); Watkins, 1976: 8 (**all species key**); Watkins, 1982: 209 (Mexico species key); Bolton, 1995a: 1050 (census); Palacio, 1999: 153 (Colombia species key).

See also: Ecitoninae and Ecitonini references, under junior synonyms of Dorylinae.

Genus **LEPTANILLOIDES**

Leptanilloides Mann, 1923: 13. Type-species: *Leptanilloides biconstricta* Mann, 1923: 14, by original designation.

Taxonomic history

Leptanilloides in Dorylinae: Mann, 1923: 13.

Leptanilloides in Dorylinae, Ecitonini: Donisthorpe, 1943f: 656.

Leptanilloides incertae sedis in Formicidae: Borgmeier, 1955: 653; Wheeler, G.C. & Wheeler, J. 1985: 259.

Leptanilloides incertae sedis in Dorylinae: Kempf, 1972a: 129.

Leptanilloides in Ecitoninae: Brown, 1973b: 166.

Leptanilloides in Ponerinae, Cerapachyini: Brown, 1975: 18; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10.

Leptanilloides in Cerapachyinae, Cerapachyini: Bolton, 1990a: 61; Bolton, 1990c: 1357; Jaffe, 1993: 9.

Leptanilloides in Leptanilloidinae: Bolton, in Baroni Urbani, Bolton & Ward, 1992: 317; Bolton, 1994: 71; Brandão, Diniz, Agosti & Delabie, 1999: 23; subsequent authors to the following.

Leptanilloides in Dorylinae: Brady, et al. 2014: 4 (in figure).

Leptanilloides as genus: all authors.

***Leptanilloides* catalogues:** Kempf, 1972a: 129; Bolton, 1995b: 229.

***Leptanilloides* references:** Borgmeier, 1955: 652 (diagnosis); Brown, 1975: 34 (notes); Bolton, 1990a: 61 (abdominal morphology); Bolton, 1995a: 1050 (census); Brandão, Diniz, Agosti & Delabie, 1999: 23 (diagnosis, **all species revision, key**); Donoso, Vieira & Wild, 2006: 59 (**all species key**); Ward, 2007b: 637 (phylogenetic relationships); Borowiec, M.L. & Longino, 2011: 26 (diagnosis, **all species key**).

See also: *Leptanilloidinae* references, under junior synonyms of Dorylinae.

Genus **NEIVAMYRMEX**

Neivamyrmex Borgmeier, 1940: 606 [as subgenus of *Eciton*].

Taxonomic history

[Replacement name for *Acamatus* Emery, 1894c: 181; junior homonym of *Acamatus* Schoenherr, 1833: 20 (Coleoptera).]

Neivamyrmex in Dorylinae, Ecitonini: Donisthorpe, 1943f: 673; Borgmeier, 1955: 79; Kempf, 1972a: 152; Dlussky & Fedoseeva, 1988: 79.

Neivamyrmex in Ecitoninae: Brown, 1973b: 166; Snelling, R.R. 1981: 392.

Neivamyrmex in Ecitoninae, Ecitonini: Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 12; Jaffe, 1993: 13; Bolton, 1994: 39; subsequent authors to the following.

Neivamyrmex in Dorylinae: Brady, et al. 2014: 4 (in figure).

Neivamyrmex as subgenus of *Eciton*: Creighton, 1950a: 64; Kusnezov, 1956: 8.

Neivamyrmex as genus: Borgmeier, 1950c: 624; Borgmeier, 1955: 277; Smith, M.R. 1958c: 108; all subsequent authors.

Junior homonym replaced by **NEIVAMYRMEX**

Acamatus Emery, 1894c: 181 [as subgenus of *Eciton*]. Type-species: *Eciton (Acamatus) schmitti* Emery, 1894c: 183 (diagnosis in key) (junior synonym of *Labidus nigrescens* Cresson, 1872: 194), by subsequent designation of Ashmead, 1906: 24; Wheeler, W.M. 1911f: 157.

Taxonomic history

[Junior homonym of *Acamatus* Schoenherr, 1833: 20 (Coleoptera).]

Acamatus in Ecitoninae, Ecitonini: Ashmead, 1905b: 381; Ashmead, 1906: 24.

Acamatus in Dorylinae, Ecitonini: Emery, 1910b: 23 [Ecitini].

Acamatus as genus: Ashmead, 1905b: 381; Ashmead, 1906: 24.

Acamatus as subgenus of *Eciton*: Emery, 1894c: 181; Emery, 1895j: 765; Emery, 1910b: 23; Wheeler, W.M. 1910g: 138; Forel, 1917: 240; Gallardo, 1920: 345; Wheeler, W.M. 1922a: 635; Borgmeier, 1923: 44; Donisthorpe, 1943f: 618.

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; all subsequent authors.

***Neivamyrmex* catalogues:** Emery, 1910b: 23 (*E. (Acamatus)*); Smith, M.R. 1951a: 780 (North America); Kempf, 1972a: 152 (Neotropical); Smith, D.R. 1979: 1329 (North America); Brandão, 1991: 359 (Neotropical); Bolton, 1995b: 287.

***Neivamyrmex* references:** Emery, 1894c: 183 (species key); Emery, 1910b: 23 (*E. (Acamatus)* diagnosis); Gallardo, 1920: 348 (Argentina species key); Smith, M.R. 1942c: 542 (U.S.A. species key); Buren, 1944a: 280 (U.S.A., Iowa species key); Creighton, 1950a: 66 (**Nearctic species key**); Borgmeier, 1955: 277, 290 (diagnosis, **all species revision, key**); Watkins, 1971: 93 (U.S.A. species key); Watkins, 1972: 348 (U.S.A. species key); Watkins, 1976: 11 (**all species key**); Watkins, 1982: 210 (Mexico species key); Watkins, 1985: 481 (U.S.A. species key); Wheeler, G.C. & Wheeler, J. 1986g: 19 (U.S.A., Nevada species key); Bolton, 1995a: 1051 (census); Ward, 1999a: 90 (modification of Watkins, 1985 key); Palacio, 1999: 154 (Colombia species key); Mackay & Mackay, 2002: 40 (U.S.A., New Mexico species key); Coovert, 2005: 30 (U.S.A., Ohio species key); Snelling, G.C & Snelling, R.R., 2007: 462 (U.S.A. species, keys).

See also: Ecitoninae and Ecitonini references, under junior synonyms of Dorylinae.

Genus *NOMAMYRMEX*

Nomamyrmex Borgmeier, 1936: 55 [as subgenus of *Eciton*]. Type-species: *Eciton crassicornis* Smith, F. 1855c: 163 (junior synonym of *Labidus esenbeckii* Westwood, 1842: 75), by original designation.

Taxonomic history

Nomamyrmex in Dorylinae, Ecitonini: Donisthorpe, 1943f: 674; Borgmeier, 1955: 79; Kempf, 1972a: 164; Dlussky & Fedoseeva, 1988: 79.

Nomamyrmex in Ecitoninae: Brown, 1973b: 166; Snelling, R.R. 1981: 392.

Nomamyrmex in Ecitoninae, Ecitonini: Bolton, 1990c: 1357; Hölldobler & Wilson, 1990: 12; Jaffe, 1993: 13; Bolton, 1994: 39.

Nomamyrmex in Dorylinae: Brady, et al. 2014: 4 (in figure).

Nomamyrmex as subgenus of *Eciton*: Borgmeier, 1936: 55; Kusnezov, 1956: 9.

Nomamyrmex as genus: Borgmeier, 1953: 4; Borgmeier, 1955: 135; Smith, M.R. 1958c: 108; all subsequent authors.

***Nomamyrmex* catalogues:** Smith, M.R. 1951a: 779 (North America); Kempf, 1972a: 164; Smith, D.R. 1979: 1329 (North America); Brandão, 1991: 360; Bolton, 1995b: 292.

***Nomamyrmex* references:** Borgmeier, 1955: 135 (diagnosis, **all species revision, key**); Watkins, 1976: 7 (**all species key**); Watkins, 1977a: 207 (**all species key**); Watkins, 1982: 215 (Mexico species key); Bolton, 1995a: 1051 (census); Palacio, 1999: 161 (Colombia species key).

See also: Ecitoninae and Ecitonini references, under junior synonyms of Dorylinae.

Genus **PROCERAPACHYS*

**Procerapachys* Wheeler, W.M. 1915h: 27. Type-species: **Procerapachys annosus* Wheeler, W.M. 1915h: 28, by original designation.

Taxonomic history

**Procerapachys* in Ponerinae, Cerapachyini: Wheeler, W.M. 1915h: 27; Dlussky & Fedoseeva, 1988: 79.

**Procerapachys* in Cerapachyinae, Cerapachyini: Donisthorpe, 1943f: 686.

**Procerapachys* in Dorylinae: Brady, et al. 2014: 12.

**Procerapachys* as junior synonym of *Cerapachys*: Brown, 1975: 19; Dlussky, 1997: 622; Bolton, 2003: 141.

**Procerapachys* as genus: Dlussky & Fedoseeva, 1988: 79; Dlussky, 2009: 1073.

****Procerapachys* references:** Dlussky, 2009: 1076 (Baltic amber species key).

Genus *SIMOPONE*

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

Taxonomic history

Simopone in Ponerinae: Dalla Torre, 1893: 17.

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.

Simopone 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, 2003: 34.

Simopone in Dorylinae: Brady, et al. 2014: 4 (in figure).

Simopone as subgenus of *Cerapachys*: Forel, 1892l: 243.

Simopone as genus: Forel, 1891b: 139; Dalla Torre, 1893: 17; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 137; Emery, 1911d: 15; Donisthorpe, 1943g: 726; Brown, 1975: 35; all subsequent authors.

***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.

***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, 1995a: 1052 (census); Bolton & Fisher, 2012: 8 (diagnosis, **all species revision; Afrotropical species key**: 15; **Malagasy species key**: 42; Oriental & Malesian species review: 70).

See also: Cerapachyinae and Cerapachyini references, under junior synonyms of Dorylinae.

Genus **SPHINCTOMYRMEX**

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 Ponerinae: Dalla Torre, 1893: 16.

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

Sphinctomyrmex in 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; Jaffe, 1993: 9; Bolton, 1994: 19; subsequent authors to the following.

Sphinctomyrmex in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Sphinctomyrmex as genus: all authors.

Junior synonyms of SPHINCTOMYRMEX

Eusphinctus Emery, 1893a: cclxxv. Type-species: *Eusphinctus furcatus* Emery, 1893a: cclxxv, by monotypy.

Taxonomic history

Eusphinctus in Cerapachyinae, Cerapachyini: Wheeler, W.M. 1922a: 639; Donisthorpe, 1943f: 645.

Eusphinctus in Dorylinae: Brady, *et al.* 2014: 4 (in figure).

Eusphinctus as subgenus of *Sphinctomyrmex*: Emery, 1895k: 456; Forel, 1900d: 328; Wheeler, W.M. 1910g: 137; Emery, 1911d: 7; Forel, 1917: 239.

Eusphinctus as genus: Wheeler, W.M. 1918a: 219; Wheeler, W.M. 1922a: 639.

Eusphinctus as junior synonym of *Sphinctomyrmex*: Brown, 1973b: 180 [provisional]; Brown, 1975: 31; all subsequent authors.

Nothosphinctus Wheeler, W.M. 1918a: 219 [as subgenus of *Eusphinctus*]. Type-species: *Sphinctomyrmex froggatti* Forel, 1900b: 71, by subsequent designation of Donisthorpe, 1943f: 675.

Taxonomic history

Nothosphinctus as subgenus of *Eusphinctus*: Wheeler, W.M. 1918a: 219; Wheeler, W.M. 1922a: 639.

Nothosphinctus as junior synonym of *Sphinctomyrmex*: Brown, 1973b: 183 [provisional]; Brown, 1975: 31; all subsequent authors.

Zasphinctus Wheeler, W.M. 1918a: 219 [as subgenus of *Eusphinctus*]. Type-species: *Sphinctomyrmex turneri* Forel, 1900b: 70, by monotypy.

Taxonomic history

Zasphinctus as subgenus of *Eusphinctus*: Wheeler, W.M. 1918a: 219; Wheeler, W.M. 1922a: 639.

Zasphinctus as junior synonym of *Sphinctomyrmex*: Brown, 1973b: 185 [provisional]; Brown, 1975: 31; all subsequent authors.

Aethiopopone Santschi, 1930a: 49. Type-species: *Sphinctomyrmex rufiventris* Santschi, 1915c: 244, by monotypy.

Taxonomic history

Aethiopopone in Cerapachyinae, Cerapachyini: Donisthorpe, 1943f: 620.

Aethiopopone as junior synonym of *Sphinctomyrmex*: Bolton, 1973a: 341; Brown, 1975: 31; all subsequent authors.

***Sphinctomyrmex* catalogues:** Dalla Torre, 1893: 16; Emery, 1911d: 6; Emery, 1911d: 7 (*Sphinctomyrmex*, *S. (Eusphinctus)*); Wheeler, W.M. 1922a: 755 (Afrotropical); Chapman & Capco, 1951: 21 (Asia); Kempf, 1972a: 241 (Neotropical); Taylor & Brown, D.R. 1985: 49 (Australia); Taylor, 1987a: 73 (Australia, New Caledonia); Bolton, 1995b: 392.

***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, Brandão, *et al.* 2011: 3 (**Neotropical species key**).

See also: Cerapachyinae and Cerapachyini references, under junior synonyms of Dorylinae.

Genus **TANIPONE**

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).

Tanipone as genus: all authors.

***Tanipone* references:** Bolton & Fisher, 2012: 80 (diagnosis, **all species key**.)

Genus **VICINOPONE**

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).

Vicinopone as genus: all authors.

Genera *incertae sedis* in DORYINAE

Genus **CURTICORNA*

**Curticorna* Hong, 2002: 537. Type-species: **Curticorna leptogastrosa* Hong, 2002: 538, by original designation.

Taxonomic history

**Curticorna* in Dorylinae: Hong, 2002: 537. [Bolton note: definitely not doryline.]

**Curticorna* in Ectatomminae?: Dlussky & Wedmann, 2012: 728.

Genus **EOAENICTITES*

**Eoaenictites* Hong, 2002: 541. Type-species: **Eoaenictites castanifurvus* Hong, 2002: 542, by original designation.

Taxonomic history

**Eoaenictites* in Aenictinae: Hong, 2002: 541. [Bolton note: definitely not aenictine.]

SYNOPSIS OF FORMICIDAE: SUBFAMILIES ECTATOMMINAE AND HETEROPONERINAE

(ECTAHETEROMORPHS)

SUBFAMILY ECTATOMMINAE

Subfamily ECTATOMMINAE

Ectatommii Emery, 1895j: 767. Type-genus: *Ectatoma* Smith, F. 1858b: 102.

Taxonomic history

Ectatomminae as poneromorph subfamily of Formicidae: Bolton, 2003: 45, 172.

Ectatomminae as formicoid subfamily of Formicidae: Ouelette, Fisher, et al. 2006: 365; Moreau, Bell, et al. 2006: 102; Brady, Schultz, et al. 2006: 18173.

Ectatomminae as formicoid ectaheteromorph subfamily of Formicidae: Ward, 2007a: 556.

Ectatomminae references: Bolton, 2003: 45, 172 (diagnosis, synopsis); Ouelette, Fisher, et al. 2006: 365 (phylogeny); Moreau, Bell, et al. 2006: 102 (phylogeny); Brady, Schultz, et al. 2006: 18173 (phylogeny); Ward, 2007a: 556 (classification); Keller, 2011: 1 (morphology, phylogeny).

Tribes of Ectatomminae: Ectatommini, Typhlomyrmecini.

Tribe ECTATOMMINI

Ectommii Emery, 1895j: 767. Type-genus: *Ectatomma* Smith, F. 1858b: 102.

Taxonomic history

Ectatommini as tribe of Pachycondylinae: Ashmead, 1905b: 382.

Ectatommini as tribe of Ponerinae: Emery, 1895j: 767 [Ectommii]; Emery, 1901a: 36 [Ectommii]; Ruzsky, 1905b: 174 [Ectommii]; Wheeler, W.M. 1910g: 134 [Ectommii]; Emery, 1911d: 30; Wheeler, W.M. 1915h: 33; Forel, 1917: 236; Gallardo, 1918b: 7; Wheeler, W.M. 1922a: 638; Brown, 1958g: 175; Kusnezov, 1964: 50; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Jaffe, 1993: 8; Bolton, 1994: 164.

Ectatommini as tribe of Ectatomminae: Bolton, 2003: 46.

Junior synonym of ECTATOMMINI

Stictoponerini Arnol'di, 1930d: 161. Type-genus: *Stictoponera* Mayr, 1887: 539 (junior synonym of *Gnamptogenys* Roger, 1863a: 174).

Taxonomic history

Stictoponerini as subtribe of Ectatommini: Arnol'di, 1930d: 161.

Stictoponerini as junior synonym of Ectatommini: Taylor, 1980c: 354; Bolton, 1994: 164; Bolton, 2003: 46.

Ectatommini references: Wheeler, W.M. 1910g: 134 (diagnosis); Emery, 1911d: 30 (diagnosis, genera key); Forel, 1917: 236 (synoptic classification); Gallardo, 1918b: 11 (Argentina, key); Wheeler, W.M. 1922a: 642 (genera key); Brown, 1958g: 185 (all genera revision, key); Wheeler, G.C. & Wheeler, J. 1976b: 49 (larvae, review & synthesis); Hölldobler & Wilson, 1990: 10 (synoptic classification); Kugler, C. 1991: 155 (sting structure, phylogeny); Bolton, 1994: 164 (synoptic classification); Lattke, 1994: 105 (phylogeny); Bolton, 1995a: 1042 (census); Bolton, 1995b: 11 (catalogue); Keller, 2000: 59

(phylogeny); Bolton, 2003: 46, 173 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny); Fernández & Arias-Penna, 2008: 30 (Neotropical genera key); General & Alpert, 2012: 71 (Philippines genera key); Dlussky & Wedmann, 2012: 728 (Germany Eocene fossils).

Genera (extant) of Ectatommini: *Ectatomma*, *Gnamptogenys*, *Rhytidoponera*.

Genera (extinct) *incertae sedis* in Ectatommini: **Canapone*, **Electroponera*, **Pseudectatomma*.

Genera of Ectatommini

Genus **ECTATOMMA**

Ectatomma Smith, F. 1858b: 102. Type-species: *Formica tuberculata* Olivier, 1792: 498, by subsequent designation of Bingham, 1903: 82.

Taxonomic history

Ectatomma in Poneridae: Smith, F. 1858b: 102; Smith, F. 1871a: 324.

Ectatomma in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 14 [Poneridae]; Mayr, 1868c: 75 [Poneridae]; Dalla Torre, 1893: 23.

Ectatomma in Ponerinae, Ponerini: Forel, 1895b: 112; Forel, 1899c: 5; Forel, 1900d: 316.

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

Ectatomma in Ponerinae, Ectatommini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 41; Wheeler, W.M. 1915h: 33; Forel, 1917: 236; Gallardo, 1918b: 27; Wheeler, W.M. 1922a: 643; all subsequent authors to the following.

Ectatomma in Ectatomminae, Ectatommini: Bolton, 2003: 46.

Ectatomma as genus: all authors.

***Ectatomma* catalogues:** Roger, 1863b: 17; Mayr, 1863: 409; Dalla Torre, 1893: 23; Emery, 1911d: 41; Smith, M.R. 1951a: 783 (North America); Kempf, 1972a: 104 (Neotropical); Smith, D.R. 1979: 1336 (North America); Brandão, 1991: 341; Bolton, 1995b: 186.

***Ectatomma* references:** Mayr, 1865: 14 (diagnosis); Mayr, 1867a: 87 (diagnosis); Emery, 1911d: 41 (diagnosis, subgenera key); Gallardo, 1918b: 30 (Argentina species key); Kusnezov, 1957b: 13 (partial key); Brown, 1958g: 206 (review of genus, **all species key**); Kugler, C. & Brown, 1982: 6 (**all species key**); Fernández, 1991: 551 (Colombia species key); Lattke, 1994: 109 (phylogeny); Arias-Penna, 2008b: 56 (**all species key**).

Genus **GNAMPTOGENYS**

Gnamptogenys Roger, 1863a: 174. Type-species: *Ponera tornata* Roger, 1861a: 15 (junior synonym of *Ponera sulcata* Smith, F. 1858b: 99), by subsequent designation of Emery, 1911d: 44.

Taxonomic history

[Type-species not *Ectatomma concinna* Smith, F. 1858b: 103, unjustified subsequent designation by Wheeler, W.M. 1911f: 164; see Emery, 1912d: 271 and Wheeler, W.M. 1913a: 79.]

Gnamptogenys in Ponerinae: Mayr, 1865: 15 [Poneridae], Dalla Torre, 1893: 23.

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

Gnamptogenys in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 44; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; all subsequent authors to the following.

Gnamptogenys in Ectatomminae, Ectatommini: Bolton, 2003: 46.

Gnamptogenys as subgenus of *Ectatomma*: Mayr, 1887: 540; Dalla Torre, 1893: 23; Emery, 1895j: 767; Forel, 1895b: 113; Forel, 1899c: 7; Wheeler, W.M. 1910g: 135; Emery, 1911d: 44; Gallardo, 1918b: 42; Wheeler, W.M. 1922a: 644; Borgmeier, 1923: 60; Kusnezov, 1956: 14.

Gnamptogenys as genus: Roger, 1863a: 174; Forel, 1917: 236; Brown, 1958g: 211; all subsequent authors.

Junior synonyms 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, 1911d: 47; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; Donisthorpe, 1943g: 728.

Stictoponera as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

Holcoponera Mayr, 1887: 540 [as subgenus of *Ectatomma*]. Type-species: *Gnamptogenys striatula* Mayr, 1884: 32, by subsequent designation of Emery, 1911d: 40.

Taxonomic history

Holcoponera in Ponerinae: Dalla Torre, 1893: 23.

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

Holcoponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 40; Forel, 1917: 236; Gallardo, 1918b: 21; Wheeler, W.M. 1922a: 643; all subsequent authors.

Holcoponera as subgenus of *Ectatomma*: Mayr, 1887: 540; Dalla Torre, 1893: 23; Emery, 1895j: 767; Wheeler, W.M. 1910g: 135.

Holcoponera as genus: Emery, 1902a: 181; Emery, 1911d: 40; Forel, 1917: 236; Gallardo, 1918b: 21; Wheeler, W.M. 1922a: 643; Borgmeier, 1923: 55; Santschi, 1929h: 437; Kusnezov, 1956: 14.

Holcoponera as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

Alfaria Emery, 1896e: 177 (diagnosis in key). Type-species: *Alfaria simulans* Emery, 1896e: 177 (footnote), by original designation.

Taxonomic history

[*Alfaria* also described as new by Emery, 1896g: 41.]

Alfaria in Ponerinae, Ponerini: Forel, 1899c: 3.

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

Alfaria in Ponerinae, Ectatommini: Wheeler, W.M. 1910g: 135; Emery, 1911d: 46; Forel, 1917: 236; Wheeler, W.M. 1922a: 642; all subsequent authors.

Alfaria as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

Poneracantha Emery, 1897d: 547 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma (Holcoponera) bispinosum* Emery, 1890b: 40, by original designation.

Taxonomic history

Poneracantha as subgenus of *Ectatomma*: Emery, 1911d: 43; Forel, 1917: 236; Wheeler, W.M. 1922a: 643.

Poneracantha as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

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; all subsequent authors.

Rhopalopone as genus: Emery, 1911d: 34; Wheeler, W.M. 1922a: 642; Borgmeier, 1923: 54.

Rhopalopone as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

Emeryella Forel, 1901e: 334. Type-species: *Emeryella schmitti* Forel, 1901e: 334, by monotypy.

Taxonomic history

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

Emeryella in Ponerinae, Ectatommini: Wheeler, W.M. 1910g: 135; Emery, 1911d: 46; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; Wheeler, W.M. 1930f: 13; all subsequent authors.

Emeryella as junior synonym of *Gnamptogenys*: Brown, 1958g: 211; all subsequent authors.

Mictoponera Forel, 1901e: 372 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma (Mictoponera) diehlii* Forel, 1901e: 372 (junior synonym of *Rhopalopone cibrata* Emery, 1900c: 311), by monotypy.

Taxonomic history

Mictoponera as subgenus of *Ectatomma*: Forel, 1901e: 372; Wheeler, W.M. 1910g: 135.

Mictoponera as junior synonym of *Rhopalopone*: Emery, 1911d: 34.

Mictoponera as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

Parectatomma Emery, 1911d: 44 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma (Gnamptogenys) triangulare* Mayr, 1887: 544, by original designation.

Taxonomic history

Parectatomma as subgenus of *Ectatomma*: Forel, 1917: 236; Creighton, 1950a: 35; Kusnezov, 1956: 14.

Parectatomma as subgenus of *Gnamptogenys*: Wheeler, W.M. 1922a: 643.

Parectatomma as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

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.

Spaniopone as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

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 junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

Opisthoscyphus Mann, 1922: 4. Type-species: *Opisthoscyphus scabrosus* Mann, 1922: 5 (junior synonym of *Alfaria minuta* Emery, 1896g: 106), by original designation.

Taxonomic history

Opisthoscyphus in Ponerinae, Ectatommini: Wheeler, W.M. 1930f: 13; Donisthorpe, 1943f: 678.

Opisthoscyphus as junior synonym of *Alfaria*: Brown, in Borgmeier, 1957: 115.

Opisthoscyphus as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

Commateta Santschi, 1929h: 476 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma (Parectatomma) bruchi* Santschi, 1922d: 241, by original designation.

Taxonomic history

Commateta as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

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; all subsequent authors.

Barbourella Wheeler, W.M. 1930f: 10 [as subgenus of *Emeryella*]. Type-species: *Emeryella (Barbourella) banksi* Wheeler, W.M. 1930f: 10, by original designation.

Taxonomic history

Barbourella as junior synonym of *Gnamptogenys*: Brown, 1958g: 212; all subsequent authors.

***Gnamptogenys* catalogues:** Roger, 1863b: 19; Mayr, 1863: 422; Emery, 1911d: 34, 40, 43, 44, 46, 47 (*Rhopalopone*, *Holcoponera*, *Ectatomma (Poneracantha)*, *Ectatomma (Parectatomma)* & *E. (Gnamptogenys)*, *Emeryella* & *Alfaria*, *Stictoponera*); Chapman & Capco, 1951: 26, 29 (Asia *Rhopalopone*, *Stictoponera*); Smith, M.R. 1951a: 783 (North America); Kempf, 1972a: 111 (Neotropical); Smith, D.R. 1979: 1337 (North America); Taylor & Brown, D.R. 1985: 30 (Australia); Taylor, 1987a: 28 (Australia); Brandão, 1991: 344 (Neotropical); Bolton, 1995b: 208.

Gnamptogenys references: Mayr, 1865: 15 (diagnosis); Mayr, 1870b: 963 (all species key); Mayr, 1887: 540 (diagnosis); Emery, 1889b: 494 (*Ectatomma (Stictoponera)* species key); Emery, 1896g: 43, 44 (*G. (Holcoponera)*, *G. (Gnamptogenys)* species keys; Forel, 1900d: 316 (India & Sri Lanka species key); Bingham, 1903: 82 (India, Sri Lanka & Burma species key); Emery, 1911d: 34 (*Rhopalopone* diagnosis); Emery, 1911d: 40 (*Holcoponera* diagnosis); Emery, 1911d: 43 (*Ectatomma (Poneracantha)* diagnosis); Emery, 1911d: 44 (*Ectatomma (Parectatomma)* & *E. (Gnamptogenys)* diagnoses); Emery, 1911d: 46 (*Emeryella* & *Alfaria* diagnoses); Emery, 1911d: 47 (*Stictoponera* diagnosis); Gallardo, 1918b: 22, 42 (Argentina species key); Mann, 1919: 286 (*Wheeleripone* species key); Wheeler, W.M. 1924b: 240 (*Rhopalopone* species key); Santschi, 1929h: 471 (*Holcoponera* species key); Brown, 1954h: 1 (*G. coxalis* group species); Brown, 1956: 489 (*Holcoponera* species notes); Brown, 1958g: 211 (revision of genus; **New World species key**: 230; **Old World species key**: 237); Brandão & Lattke, 1990: 489 (*Alfaria* group, status); Lattke, 1990b: 22 (Venezuela species key); Hölldobler & Wilson, 1990: 10 (synoptic classification); Lattke, 1992a: 123 (*G. minuta* group, key); Bolton, 1995a: 1049 (census); Lattke, 1995: 149 (**New World species revision, key**); Wu, J. & Wang, 1995: 36 (China species key); Xu & Zhang, 1996: 56 (China species key); Shattuck, 1999: 185 (Australia synopsis); Zhou, 2001b: 31 (China, Guangxi species key); Lattke, 2004: 51 (**Old World species revision, key**); Lattke, Fernández & Palacio, 2007: 257 (**New World species key**); Lattke, Fernández, et al. 2008: 68 (Colombia species key).

Genus *RHYTIDOPONERA*

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; see Emery, 1912d: 271 and Wheeler, W.M. 1913a: 79.]

Rhytidoponera in Ponerinae: Dalla Torre, 1893: 23.

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

Rhytidoponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 26; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; all subsequent authors to the following.

Rhytidoponera in Ectatomminae, Ectatommini: Bolton, 2003: 46.

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

Rhytidoponera as subgenus of *Ectatomma*: Mayr, 1862: 731; Mayr, 1863: 453; Mayr, 1887: 539; Dalla Torre, 1893: 23; Emery, 1895j: 767; Wheeler, W.M. 1910g: 135.

Rhytidoponera as genus: Emery, 1897d: 547; Emery, 1911d: 36; Wheeler, W.M. 1913a: 79; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; all subsequent authors.

Junior synonym of *RHYTIDOPONERA*

Chalcoponera Emery, 1897d: 548. Type-species: *Ponera metallica* Smith, F. 1858b: 94, by subsequent designation of Emery, 1911d: 39.

Taxonomic history

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

Chalcoponera in Ponerinae, Ectatommini: Emery, 1911d: 38; Forel, 1917: 236; Wheeler, W.M. 1922a: 643; Donisthorpe, 1943f: 632.

Chalcoponera as subgenus of *Rhytidoponera*: Emery, 1911d: 38; Forel, 1917: 236.

Chalcoponera as genus: Emery, 1897d: 548; Wheeler, W.M. 1922a: 643; Clark, 1934c: 58; Clark, 1941: 83; Chapman & Capco, 1951: 25.

Chalcoponera as junior synonym of *Rhytidoponera*: Brown, 1953c: 2; Brown, 1958g: 198; all subsequent authors.

***Rhytidoponera* catalogues:** Dalla Torre, 1893: 23 (as part of *Ectatomma*); Emery, 1911d: 36; Chapman & Capco, 1951: 25, 27 (Asia *Chalcoponera*, *Rhytidoponera*); Taylor & Brown, D.R. 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); 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).

Genera *incertae sedis* in Ectatommini

Genus *CANAPONE

**Canapone* Dlussky, 1999b: 75. Type-species: **Canapone dentata* Dlussky, 1999b: 76, by original designation.

Taxonomic history

**Canapone* in Ponerinae: Dlussky, 1999b: 76.

**Canapone incertae sedis* in Ectatomminae: Bolton, 2003: 46.

**Canapone* as genus: all authors.

Genus *ELECTROPONERA

**Electroponera* Wheeler, W.M. 1915h: 34. Type-species: **Electroponera dubia* Wheeler, W.M. 1915h: 35, by monotypy.

Taxonomic history

**Electroponera* in Ponerinae, Ectatommini: Wheeler, W.M. 1915h: 34; Dlussky & Fedoseeva, 1988: 78; Lattke, 1994: 116; Bolton, 1995b: 187.

**Electroponera incertae sedis* in Ectatomminae, Ectatommini: Bolton, 2003: 46.

**Electroponera* as genus: all authors.

Genus *PSEUDECTATOMMA

**Pseudectatomma* Dlussky & Wedman, 2012: 728. Type-species: **Pseudectatomma eocenica* Dlussky & Wedmann, 2012: 729, by original designation.

Taxonomic history

**Pseudectatomma* in Ectatomminae: Dlussky & Wedman, 2012: 728.

**Pseudectatomma* as genus: all authors.

Tribe TYPHLOMYRMECINI

Typhlomyrmecini Emery, 1911d: 32. Type-genus: *Typhlomyrmex* Mayr, 1862: 736.

Taxonomic history

Typhlomyrmecini as subtribe of Ectatommini: Emery, 1911d: 32 [Typhlomyrmecini]; Gallardo, 1918b: 11 [Typhlomyrmecini].

Typhlomyrmecini as tribe of Ponerinae: Brown, 1953a: 104 [Typhlomyrmecini]; Kusnezov, 1964: 49 [Typhlomyrmecini]; Brown, 1965c: 65; Kempf, 1972a: 262 [Typhlomyrmecini]; Wheeler, G.C. & Wheeler, J. 1976b: 48; all subsequent authors to the following.

Typhlomyrmecini as tribe of Ectatomminae: Bolton, 2003: 46.

Genus of Typhlomyrmecini: *Typhlomyrmex*.

Genus TYPHLOMYRMEX

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*; see Wheeler, W.M. 1911c: 858 and Brown, 1965c: 66.]

Typhlomyrmex in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 15 [Poneridae]; Dalla Torre, 1893: 16.

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; Jaffe, 1993: 8; Bolton, 1994: 164.

Typhlomyrmex in Ectatomminae, Typhlomyrmecini: Bolton, 2003: 46.

Typhlomyrmex as genus: all authors.

Typhlomyrmex catalogues: Roger, 1863b: 21; Mayr, 1863: 457; Dalla Torre, 1893: 16; Emery, 1911d: 33; Kempf, 1972a: 256; Bolton, 1995b: 422.

Typhlomyrmex and Typhlomyrmecini 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, 1995a: 1053 (census); Bolton, 2003: 46, 176 (diagnosis, synopsis); Lacau, Villemant, *et al.* 2008: 250 (Colombia species key).

SUBFAMILY HETEROPONERINAE

Subfamily HETEROPONERINAE

Heteroponerinae Bolton, 2003: 46, 176. Type-genus: *Heteroponera* Mayr, 1887: 532.

Taxonomic history

[*Heteroponerini* Jaffe, 1993: 8, and Fernández, Palacio, *et al.* 1996: 362 (as tribe of Ponerinae). Unavailable names; in both cases tribe proposed without diagnosis.]

Heteroponerini [as tribe of Ponerinae]. Unavailable name; proposed without diagnosis.

Heteroponerinae as poneromorph subfamily of Formicidae: Bolton, 2003: 46, 176.

Heteroponerinae as formicoid subfamily of Formicidae: Ouellette, Fisher, *et al.* 2006: 365; Moreau, Bell, *et al.* 2006: 102; Brady, Schultz, *et al.* 2006: 18173.

Heteroponerinae as formicoid ectaheteromorph subfamily of Formicidae: Ward, 2007a: 556.

Heteroponerinae references: Bolton, 2003: 46, 176 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173

(phylogeny); Ward, 2007a: 556 (classification); Fernández & Arias-Penna, 2008: 31 (Neotropical genera key); Keller, 2011: 1 (morphology, phylogeny).

Tribe of Heteroponerinae: Heteroponerini.

Tribe HETEROPONERINI

Heteroponerinae Bolton, 2003: 46. Type-genus: *Heteroponera* Mayr, 1887: 532.

Taxonomic history

Heteroponerini as tribe of Heteroponerinae: Bolton, 2003: 47.

Genera of Heteroponerini: *Acanthoponera*, *Heteroponera*.

Genus *incertae sedis* in Heteroponerini: *Aulacopone*.

Genera of Heteroponerini

Genus ACANTHOPONERA

Acanthoponera Mayr, 1862: 732 [as subgenus of *Ectatomma*]. Type-species: *Ponera mucronata* Roger, 1860: 299, by subsequent designation of Wheeler, W.M. 1911f: 158.

Taxonomic history

Acanthoponera in Ponerinae: Dalla Torre, 1893: 23.

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

Acanthoponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Emery, 1911d: 35; Forel, 1917: 236; Gallardo, 1918b: 16; Wheeler, W.M. 1922a: 643; all subsequent authors to the following.

Acanthoponera in Heteroponerinae, Heteroponerini: Bolton, 2003: 47, 177.

Acanthoponera as subgenus of *Ectatomma*: Mayr, 1862: 732; Roger, 1863b: 17; Mayr, 1863: 394; Mayr, 1887: 540; Dalla Torre, 1893: 23; Wheeler, W.M. 1910g: 135.

Acanthoponera as genus: Emery, 1895g: 346; Emery, 1911d: 35; Forel, 1917: 236; Gallardo, 1918b: 16; Wheeler, W.M. 1923e: 179; Donisthorpe, 1943f: 619; Kusnezov, 1956: 13; Brown, 1958g: 188; all subsequent authors.

***Acanthoponera* catalogues:** Emery, 1911d: 35; Kempf, 1972a: 9; Bolton, 1995b: 53.

Acanthoponera references: Mayr, 1887: 540 (diagnosis); Emery, 1911d: 35 (diagnosis); Wheeler, W.M. 1923e: 190 (all species key); Brown, 1958g: 188 (review of genus & species); Kugler, C. 1991: 155 (sting structure); Arias-Penna & Fernández, 2008: 111 (**all species key**).

Genus **HETEROPONERA**

Heteroponera Mayr, 1887: 532. Type-species: *Heteroponera carinifrons* Mayr, 1887: 533, by monotypy.

Taxonomic history

Heteroponera in Ponerinae: Dalla Torre, 1893: 43.

Heteroponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Heteroponera in Ponerinae, Ectatommini: Emery, 1911d: 35; Forel, 1917: 236; all subsequent authors to the following.

Heteroponera in Heteroponerinae, Heteroponerini: Bolton, 2003: 47, 177.

Heteroponera as subgenus of *Acanthoponera*: Forel, 1917: 236.

Heteroponera as junior synonym of *Acanthoponera*: Emery, 1895j: 767; Emery, 1911d: 35; Wheeler, W.M. 1922a: 643; Wheeler, 1923e: 179.

Heteroponera as genus: Dalla Torre, 1893: 43; Brown, 1952h: 70; Kusnezov, 1956: 13; Brown, 1958g: 194; all subsequent authors.

Junior synonyms of **HETEROPONERA**

Paranomopone Wheeler, W.M. 1915c: 117. Type-species: *Paranomopone relicta* Wheeler, W.M. 1915c: 188, by monotypy.

Taxonomic history

Paranomopone in Ponerinae, Ectatommini: Forel, 1917: 236; Emery, 1919c: 106; Wheeler, W.M. 1922a: 642; Wheeler, W.M. 1930f: 13; Donisthorpe, 1943f: 681.

Paranomopone as junior synonym of *Heteroponera*: Brown, in Borgmeier, 1957: 112; Brown, 1958g: 194; all subsequent authors.

Anacanthoponera Wheeler, W.M. 1923e: 176 (in text) [as subgenus of *Acanthoponera*]. Type-species: *Ponera dolo* Roger, 1860: 293, by original designation.

Taxonomic history

Anacanthoponera as junior synonym of *Heteroponera*: Brown, 1952h: 70; Brown, 1958g: 194; all subsequent authors.

Heteroponera catalogues: Dalla Torre, 1893: 43; Emery, 1911d: 35 (as part of *Acanthoponera*); Kempf, 1972a: 117 (Neotropical); Taylor & Brown, D.R. 1985: 30 (Australia); Taylor, 1987a: 28 (Australia, New Zealand); Bolton, 1995b: 212.

Heteroponera references: Emery, 1911d: 35 (diagnosis); Wheeler, W.M. 1923e: 190 (all species key as part of *Acanthoponera*); Brown, 1958g: 194 (review of genus, **Old World species key**: 196; **New World species key**: 196); Brown, 1958h: 17 (New Zealand species); Kempf, 1962a: 31 (**Neotropical species key**); Fernández, 1993: 250 (Colombia species key); Bolton, 1995a: 1050 (census); Shattuck, 1999: 186 (Australia synopsis); Arias-Penna & Fernández, 2008: 113 (**Neotropical species key**); Heterick, 2009: 142 (south-western Australia species key); Taylor, R.W. 2011: 118 (Australia species groups and *H. leae* group key).

Genus *incertae sedis* in Heteroponerini

Genus **AULACOPONE**

Aulacopone Arnol'di, 1930a: 139. Type-species: *Aulacopone relicta* Arnol'di, 1930a: 140, by monotypy.

Taxonomic history

[*Aulacopone* also described as new by Arnol'di, 1930d: 159.]

Aulacopone in Ponerinae, Ectatommini: Arnol'di, 1930a: 143; all subsequent authors to the following.

Aulacopone incertae sedis in Heteroponerinae, Heteroponerini: Bolton, 2003: 47.

Aulacopone as genus: all authors.

Aulacopone catalogues: Bolton, 1995b: 77.

Aulacopone references: Brown, 1958g: 206 (review of genus); Taylor, 1980c: 353 (review of genus); Lattke, 1994: 113 (notes).

FSYNOPSIS OF FORMICIDAE: SUBFAMILY MYRMICINAE

(MYRMICOMORPHS)

SUBFAMILY MYRMICINAE

Subfamily **MYRMICINAE**

Myrmicites Lepeletier de Saint-Fargeau, 1835: 169. Type-genus: *Myrmica* Latreille, 1804: 179.

Taxonomic history

Myrmicinae as group name: Lepeletier de Saint-Fargeau, 1835: 169 [Myrmicites]; Nylander, 1846a: 877 [Myrmicae].

Myrmicinae as family: Smith, F. 1851: 4 [Myrmicidae]; Smith, F. 1861b: 45 [Myrmicidae]; Smith, F. 1871a: 324 [Myrmicidae]; André, 1882a: 125 [Myrmicidae]; Cresson, 1887: 93 [Myrmicidae]; Emery, 1894g: 383 [Myrmicidae]; Saunders, 1896: 18 [Myrmicidae]; Ashmead, 1905b: 383 [Myrmicidae]; Novák & Sadil, 1941: 71 [Myrmicidae]; Bernard, 1951: 1058 [Myrmicidae]; Bernard, 1953b: 222 [Myrmicidae].

Myrmicinae as subfamily of Poneridae: Smith, F. 1858b: 114 [Myrmicidae].

Myrmicinae as tribe of Formicidae: André, 1874: 167 [Myrmicidae].

Myrmicinae as subfamily of Myrmicidae: Ashmead, 1905b: 383.

Myrmicinae as subfamily of Formicidae: Mayr, 1855: 290, 299 [Myrmicidae]; Smith, F. 1857a: 70 [Myrmicidae]; Mayr, 1861: 21 [Myrmicidae]; Smith, F. 1862b: 33 [Myrmicidae]; Mayr, 1862: 738 [Myrmicidae]; Mayr, 1865: 17 [Myrmicidae]; Mayr, 1868c: 24 [Myrmicidae]; Forel, 1870: 307 [Myrmicidae]; Forel, 1874: 22 [Myrmicidae]; Emery, 1877a: 70 [Myrmicidae]; Forel, 1878: 367 [Myrmicidae]; Emery & Forel, 1879a: 456 [Myrmicidae]; André, 1881b: 64 [Myrmicidae]; Nasonov, 1889: 28 [Myrmicidae]; Forel, 1891b: 11 [Myrmicidae]; Forel, 1892j: 220 [Myrmicidae]; Forel, 1893a: 163; Dalla Torre, 1893: 53; Emery, 1895j: 768 [subfamily spelled Myrmicini]; Emery, 1896e: 179; Forel, 1899c: 30; Forel, 1902f: 520; Bingham, 1903: 105; Ruzsky, 1905b: 103; Wheeler, W.M. 1910g: 138; Emery, 1914a: 29; Wheeler, 1915g: 806 [Myrmicides]; Wheeler, W.M. 1915h: 40; Donisthorpe, 1915d: 74; Arnold, 1916: 166; Escherich, 1917: 2 [Myrmicini]; Forel, 1917: 240 [subfamily spelled Myrmicini]; Bondroit, 1918: 14 [Myrmicitae]; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 124; Emery, 1921f: 3; Karavaiev, 1934: 59; Clark, 1951: 16; Brown, 1954e: 28; Wheeler, G.C. & Wheeler, J. 1972a: 40; Brown, 1973b: 166; all subsequent authors.

Myrmicinae as myrmicomorph subfamily of Formicidae: Bolton, 2003: 52, 182.

Myrmicinae as formicoid subfamily of Formicidae: Moreau, Bell, *et al.* 2006: 102; Brady, Schultz, *et al.* 2006: 18173.

Myrmicinae as formicoid myrmicomorph subfamily of Formicidae: Ward, 2007a: 556.

Myrmicinae references, world: Mayr, 1865: 17 (diagnosis); Mayr, 1867a: 91 (diagnosis); Forel, 1878: 367 (diagnosis); Handlirsch, 1907: 872 (*fossil taxa catalogue); Dalla Torre, 1893: 53 (catalogue); Emery, 1895j: 768 (diagnosis); Emery, 1896e: 179 (genera key); Wheeler, W.M. 1910g: 138 (diagnosis); Emery, 1912b: 101 (phylogeny); Emery, 1914a: 34 (phylogeny, tribe key); Arnold, 1916: 164 (diagnosis); Forel, 1917: 240 (synoptic classification); Forel, 1921c: 139 (diagnosis); Emery, 1921f: 3 (diagnosis, tribes & genera key, catalogue); Wheeler, W.M. 1922a: 124, 655 (diagnosis, tribes key); Brown & Nutting, 1950: 126 (venation, phylogeny); Brown, 1954e: 28 (phylogeny); Eisner, 1957: 477 (proventriculus morphology); Bernard, 1967: 93 (diagnosis); Gotwald, 1969: 99 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 40 (diagnosis); Brown, 1973b: 166 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 52 (larvae, review & synthesis); Kugler, C. 1978a: 413

(sting structure); Kugler, C. 1978b: 267 (pygidial glands); Kugler, C. 1979c: 117 (sting, evolution); Snelling, R.R. 1981: 393 (synoptic classification); Caetano, F.H. 1984: 257 (digestive tract, morphology); Wheeler, G.C. & Wheeler, J. 1985: 257 (synoptic classification); Billen, 1986: 167 (Dufour's gland); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 9 onward (synoptic classification, genera keys); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1994: 75 (diagnosis, synoptic classification, genera keys); Bolton, 1995a: 1040 (census); Bolton, 1995b: 13 (catalogue); Hashimoto, 1996: 354 (phylogenetic position); Baroni Urbani, 2000: 480 (phylogeny); Dlussky & Rasnitsyn, 2002: 422 (diagnosis for wingless fossils); Bolton, 2003: 52, 182 (diagnosis, synopsis); Moreau, Bell, *et al.* 2006: 102 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Ward, 2007a: 556 (classification); Keller, 2011: 1 (morphology, phylogeny).

Regional and national faunas with keys: Mayr, 1855: 391 (Austria); Mayr, 1861: 29 (Europe); Mayr, 1868c: 79 (*Baltic Amber); André, 1874: 171 (Europe); Forel, 1874: 29 (Switzerland); Saunders, E. 1880: 213 (Britain); André, 1882c: 256 (Europe & Algeria); Cresson, 1887: 98 (U.S.A. genera); Provancher, 1887: 243 (Canada); Nasonov, 1889: 54 (Russia); Forel, 1891b: 11 (Madagascar genera); Lameere, 1892: 66 (Belgium); Forel, 1902f: 520 (India & Sri Lanka genera); Bingham, 1903: 105 (India, Sri Lanka & Burma); Ruzsky, 1905b: 103 (Russian Empire); Wasmann, 1906: 13 (Luxemburg); Bondroit, 1910: 490 (Belgium); Wheeler, W.M. 1910g: 558 (North America genera); Stitz, 1914: 55 (Central Europe); Gallardo, 1915: 32 (Argentina genera); Forel, 1915d: 8 (Switzerland); Donisthorpe, 1915d: 74 (Britain); Arnold, 1916: 166, 170 (South Africa tribes, genera); Emery, 1916b: 112 (Italy); Wheeler, W.M. 1916m: 581 (U.S.A., Connecticut); Bondroit, 1918: 90 (France & Belgium); Kutter, 1920b: 144 (Switzerland); Soudek, 1922: 20 (Czechoslovakia); Stärcke, 1926: 84 (Netherlands); Karavaiev, 1927c: 256 (Ukraine); Donisthorpe, 1927b: 77 (Britain); Menozzi & Russo, 1930: 170 (Dominican Republic); Gallardo, 1932b: 91 (Argentina, tribes); Arnol'di, 1933b: 596 (Russia); Menozzi, 1933b: 88 (Israel genera); Karavaiev, 1934: 60 (Ukraine); Smith, M.R. 1937: 829 (Puerto Rico); Stitz, 1939: 63 (Germany); Kratochvíl, 1941: 71 (Central Europe); Novák & Sadil, 1941: 71 (Central Europe); Cole, 1942: 360 (U.S.A., Utah); Smith, M.R. 1943f: 291 (U.S.A., males); Holgersen, 1943b: 166 (Norway); Holgersen, 1944: 198 (Norway); Buren, 1944a: 281 (U.S.A., Iowa); Smith, M.R. 1947f: 543 (U.S.A. genera); Boven, 1947: 170 (Belgium); Creighton, 1950a: 83 (Nearctic); Kusnezov, 1956: 15 (Argentina); Brown, 1958h: 25 (New Zealand); Boven, 1959: 7 (Netherlands); Gregg, 1963: 288 (U.S.A., Colorado); Wheeler, G.C. & Wheeler, J. 1963: 92 (U.S.A., North Dakota); Collingwood, 1964: 94 (Britain); Bernard, 1967: 95 (Western Europe); Wilson & Taylor, 1967: 13 (Polynesia); Boven, 1970b: 9 (Netherlands); Kempf, 1972a: 263 (Neotropical, synoptic classification); Bolton, 1973a: 325 (West Africa genera); Bolton & Collingwood, 1975: 3 (Britain); Snelling, R.R. & Hunt, 1976: 70 (Chile); Tarbinsky, 1976: 19 (Kyrgyzstan); Boven, 1977: 69 (Belgium); Kutter, 1977c: 31 (Switzerland); Arnol'di & Dlussky, 1978: 524 (former European U.S.S.R.); Collingwood, 1978: 75 (Iberian Peninsula); Collingwood, 1979: 36 (Fennoscandia & Denmark); Greenslade, 1979: 20 (South Australia genera); Schembri & Collingwood, 1981: 423 (Malta); Allred, 1982: 438 (U.S.A., Utah); Baroni Urbani, 1984: 76 (Neotropical genera); Verhaeghe, Deligne, *et al.* 1984: 112 (Belgium genera); Gösswald, 1985: 289 (Germany); Collingwood, 1985: 245 (Saudi Arabia); Wheeler, G.C. & Wheeler, J. 1986g: 20 (U.S.A., Nevada); Nilsson & Douwes, 1987: 57 (Norway); Agosti & Collingwood, 1987b: 265 (Balkans); Dlussky, Soyunov & Zabelin, 1990: 181 (Turkmenistan); Kupyanskaya, 1990: 89 (Far Eastern Russia); Ogata, 1991b: 61 (Japan genera); Morisita, Kubota, *et al.* 1992: 1 (Japan); Atanasov & Dlussky, 1992: 51 (Bulgaria); Lattke, in Jaffe, 1993: 153 (Neotropical genera); Arakelian, 1994: 15 (Armenia); Wu, J. & Wang, 1995: 57 (China genera); Kupyanskaya, 1995: 327 (Far Eastern Russia); Collingwood & Agosti, 1996: 308 (Saudi Arabia); Seifert, 1996b: 108 (Central Europe); Skinner & Allen, 1996: 43 (Britain); Collingwood & Prince, 1998: 10 (Portugal); Shattuck, 1999: 39, 122 (Australia genera, synopsis); Andersen, 2000: 37 (northern

Australia genera); Zhou, 2001b: 69 (China, Guangxi); Czechowski, Radchenko & Czechowska, 2002: 135 (Poland); Aktaç & Radchenko, 2002: 55 (Turkey genera); Yoshimura & Onoyama, 2002: 424 (Japan genera, males); Mackay & Mackay, 2002: 58 (U.S.A., New Mexico); Palacio & Fernández, in Fernández, 2003d: 244 (Neotropical genera and synopsis); Coovert, 2005: 32 (U.S.A., Ohio); Radchenko, 2005b: 184 (North Korea); Clouse, 2007b: 190 (Micronesia); Seifert, 2007: 110 (North and Central Europe); Terayama, 2009: 131 (Taiwan); Heterick, 2009: 36 (south-western Australia genera); Boer, 2010: 46 (Benelux); Eguchi, Bui & Yamane, 2011: 8 (Vietnam genera); General & Alpert, 2012: 73 (Philippines genera key).

Tribes of Myrmicinae: Adelomyrmecini, Ankylomyrmini, Attini, Basicerotini, Blepharidattini, Cataulacini, Cephalotini, Crematogastrini, Dacetini, Formicoxenini, Lenomyrmecini, Liomyrmecini, Melissoptarsini, Meranoplini, Metaponini, Myrmecinini, Myrmicariini, Myrmicini, Paratopulini, Phalacromyrmecini, Pheidolini, Solenopsidini, Stegomyrmecini, Stenammini, Tetramoriini.

Genera (extant) incertae sedis in Myrmicinae: *Diaphoromyrma*, *Kempfidris*.

Genera (extinct) incertae sedis in Myrmicinae: **Afromyrma*, **Cephalomyrmex*, **Electromyrmex*, **Eocenidris*, **Eomyrmex*, **Fallomyrma*, **Miosolenopsis*, **Myrmecites*, **Solenopsites*, **Zhangidris*.

Hong (2002) genera (extinct) incertae sedis in Myrmicinae: **Brachytarsites*, **Clavipetiola*, **Fushunomyrmex*, **Orbigastrula*, **Quadrulicapito*, **Quineangulicapito*, **Sinomyrmex*, **Sphaerogasterites*, **Wumyrmex*.

Collective group name in Myrmicinae: **Myrmicites*.

Tribes of Myrmicinae

Tribe BASICEROTINI

Basicerotini Brown, 1949f: 86. Type-genus: *Basiceros* Schulz, W.A. 1906: 156.

Taxonomic history

Basicerotini as junior synonym of Dacetini: Baroni Urbani & De Andrade, 1994: 10; Baroni Urbani & De Andrade, 2007: 81.

Basicerotini as tribe of Myrmicinae: Brown, 1949f: 86; Brown & Kempf, 1960: 162; Taylor, 1968b: 333; Wheeler, G.C. & Wheeler, J. 1976b: 60; Kugler, C. 1978a: 438; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Taylor, 1990b: 397; Brandão, 1991: 391; Bolton, 1994: 104; Bolton, 1995b: 9; Bolton, 1998: 70; Fernández, 2003d: 313; Bolton, 2003: 53, 183; Longino & Boudinot, 2013: 302 (in text).

Basicerotini references: Brown, 1949f: 86 (diagnosis, genera); Brown & Kempf, 1960: 161, 243 (diagnosis, genera revision, key); Taylor, 1968b: 334 (Indo-Australian species key); Wheeler, G.C. & Wheeler, J. 1976b: 60 (larvae, review & synthesis); Kugler, C. 1978a: 438 (sting structure); Dlussky &

Fedoseeva, 1988: 80 (synoptic classification); Taylor, 1990b: 401 (Old World species key); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 391 (Neotropical fauna, synoptic classification); Baroni Urbani & De Andrade, 1994: 9 (review of tribe, classification & phylogeny); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1040 (census); Bolton, 1995b: 9 (catalogue); Bolton, 1998: 70 (comparative morphology, monophyly, relationships); Bolton, 2003: 53, 183 (diagnosis, synopsis); Baroni Urbani & De Andrade, 2007: 81 (classification).

Genera of Basicerotini: *Basiceros*, *Eurhopalothrix*, *Octostruma*, *Protalaridris*, *Rhopalothrix*, *Talaridris*.

Genera of Basicerotini

Genus **BASICEROS**

Basiceros Schulz, W.A. 1906: 156.

Taxonomic history

[Replacement name for *Ceratobasis* Smith, F. 1860c: 78; junior homonym of *Ceratobasis* Lacordaire, 1848: 362 (Coleoptera).]

Basiceros in Myrmicinae, Dacetini: Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 327; Donishorpe, 1943f: 627; Brown, 1948e: 102; Baroni Urbani & De Andrade, 1994: 30; Baroni Urbani & De Andrade, 2007: 81.

Basiceros in Myrmicinae, Basicerotini: Brown, 1949f: 87; Brown & Kempf, 1960: 171; Bolton, 1994: 105; Bolton, 1998: 67; Bolton, 2003: 53, 183.

Basiceros as genus: all authors since Schulz, W.A. 1906: 156.

Junior homonym replaced by **BASICEROS**

Ceratobasis Smith, F. 1860c: 78. Type-species: *Meranoplus singularis* Smith, F. 1858b: 195, by monotypy.

Taxonomic history

[Junior homonym of *Ceratobasis* Lacordaire, 1848: 362 (Coleoptera).]

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

Ceratobasis in Myrmicinae: Mayr, 1865: 26 [Myrmicidae]; Dalla Torre, 1893: 148.

Ceratobasis in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Ceratobasis in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 136; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141.

Junior synonyms of **BASICEROS**

Creightonidris Brown, 1949f: 89. Type-species: *Creightonidris scambognatha* Brown, 1949f: 89, by original designation.

Taxonomic history

Creightonidris in Myrmicinae, Basicerotini: Brown, 1949f: 89; all subsequent authors.

Creightonidris as junior synonym of *Basiceros*: Fernández, 2003d: 314, 392; Feitosa, Brandão & Dietz, 2007: 17.

Aspididris Weber, 1950c: 3. Type-species: *Aspididris militaris* Weber, 1950c: 3, by monotypy.

Taxonomic history

Aspididris in Myrmicinae, Basicerotini: Brown & Kempf, 1960: 179.

Aspididris as genus: Weber, 1950c: 3; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 80 (anachronism).

Aspididris as junior synonym of *Basiceros*: Brown, 1974c: 132.

***Basiceros* catalogues:** Roger, 1863b: 40; Mayr, 1863: 403; Emery, 1924d: 327; Kempf, 1972a: 26, 36, 80 (*Aspididris*, *Basiceros*, *Creightonidris*); Bolton, 1995b: 80, 146 (*Basiceros*, *Creightonidris*).

***Basiceros* references:** Mayr, 1865: 26 (diagnosis); Emery, 1924d: 327 (diagnosis); Brown & Kempf, 1960: 171, 178, 243 (diagnosis, **all species revision, key**); Brown & Kempf, 1960: 179, 244 (review of *Aspididris*, key); Brown, 1974c: 132 (diagnosis, **all species key**); Bolton, 1995a: 1048, 1049 (census); Feitosa, Brandão & Dietz, 2007: 17, 19 (diagnosis, **all species key**).

Genus ***EURHOPALOTHRIX***

Eurhopalothrix Brown & Kempf, 1961: 44. Type-species: *Rhopalothrix bolaui* Mayr, 1870a: 415 (footnote), by original designation.

Taxonomic history

[*Eurhopalothrix* Brown & Kempf, 1960: 202; unavailable name, proposed without designation of type-species.]

Eurhopalothrix in Myrmicinae, Basicerotini: Brown & Kempf, 1961: 44; all subsequent authors except the entries below; Bolton, 1998: 67; Bolton, 2003: 184.

Eurhopalothrix in Myrmicinae, Dacetini: Baroni Urbani & De Andrade, 1994: 31; Baroni Urbani & De Andrade, 2007: 88.

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

Eurhopalothrix as genus: all authors except the above; Longino, 2013a: 106.

***Eurhopalothrix* catalogues:** Kempf, 1972a: 107 (Neotropical); Smith, D.R. 1979: 1409 (North America); Taylor & Brown, D.R. 1985: 64 (Australia); Taylor, 1987a: 26 (Australia, New Caledonia); Brandão, 1991: 343 (Neotropical); Bolton, 1995b: 189.

***Eurhopalothrix* references:** Brown & Kempf, 1960: 202, 245 (diagnosis, **all species revision, key**); Snelling, R.R. 1968c: 3 (supplement to Brown & Kempf, 1960 key); Taylor, 1968b: 334 (**Indo-Australian species key**); Taylor, 1970a: 51 (supplement to Taylor, 1968b key); Taylor, 1990b: 401 (**Old World species key**); Bolton, 1995a: 1049 (census); Shattuck, 1999: 135 (Australia synopsis); Ketterl, Verhaag & Dietz, 2004: 48 (**Neotropical species key**); Mezger & Pfeiffer, 2010: 135 (*E. platisquama* group key); Sarnat & Economo, 2012: 76 (Fiji Is species key); Longino, 2013a: 107 (**New World species key**).

Genus **OCTOSTRUMA**

Octostruma Forel, 1912e: 196 [as subgenus of *Rhopalothrix*]. Type-species: *Rhopalothrix simoni* Emery, 1890a: 67 (junior synonym of *Rhopalothrix iheringi* Emery, 1888c: 361), by subsequent designation of Wheeler, W.M. 1913a: 82.

Taxonomic history

Octostruma in Myrmicinae, Dacetini: Forel, 1917: 246; Wheeler, W.M. 1922a: 667; Emery, 1924d: 328; Donisthorpe, 1943f: 676; Brown, 1948e: 102; Baroni Urbani & De Andrade, 1994: 31.

Octostruma in Myrmicinae, Basicerotini: Brown, 1949f: 92; all subsequent authors to the last entry above; Bolton, 1994: 105; Bolton, 1998: 67.

Octostruma as subgenus of *Rhopalothrix*: Forel, 1917: 246; Wheeler, W.M. 1922a: 667; Emery, 1924d: 328.

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

Octostruma as genus: Brown, 1948e: 102; Brown, 1949f: 92; Brown & Kempf, 1960: 181; all subsequent authors except the above; Longino, 2013b: 9.

***Octostruma* catalogues:** Emery, 1924d: 328; Brown, 1949f: 92; Kempf, 1972a: 169; Brandão, 1991: 362; Bolton, 1995b: 293.

***Octostruma* references:** Emery, 1924d: 328 (review); Brown & Kempf, 1960: 181, 244 (diagnosis, **all species revision, key**); Bolton, 1995a: 1051 (census); Palacio, 1997: 416 (Colombia species key); Longino, 2013b: 11 (**all species revision, key**).

Genus **PROTALARIDRIS**

Protalaridris Brown, 1980a: 36. Type-species: *Protalaridris armata* Brown, 1980a: 37, by original designation.

Taxonomic history

Protalaridris in Myrmicinae, Basicerotini: Brown, 1980a: 36; all subsequent authors except the entries below; Bolton, 1994: 105; Bolton, 1998: 67.

Protalaridris in Myrmicinae, Dacetini: Baroni Urbani & De Andrade, 1994: 32; Baroni Urbani & De Andrade, 2007: 88.

Protalaridris as genus: all authors except the following.

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

Protalaridris catalogue: Bolton, 1995b: 369.

Genus **RHOPALOTHRIX**

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.

Rhopalothrix in Cryptoceridae, Dacetini: Ashmead, 1905b: 384.

Rhopalothrix in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 133; Emery, 1895j: 770; 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; Taylor, 1990b: 397; Bolton, 1994: 105; Bolton, 1998: 67; Fernández, 2003d: 314; Bolton, 2003: 185.

Rhopalothrix as junior synonym of *Basiceros*: Baroni Urbani & De Andrade, 2007: 88. [Note that *Rhopalothrix* has priority.]

Rhopalothrix as genus: all authors except the above; Longino & Boudinot, 2013: 305.

Junior synonyms of **RHOPALOTHRIX**

Heptastruma Weber, 1934a: 54. Type-species: *Heptastruma wheeleri* Weber, 1934a: 55 (junior secondary homonym in *Rhopalothrix*; replacement name: *Rhopalothrix weberi* Brown & Kempf, 1960: 234), by original designation.

Taxonomic history

Heptastruma in Myrmicinae, Dacetini: Weber, 1934a: 54; Donisthorpe, 1943f: 650; Brown, 1948e: 102.

Heptastruma in Myrmicinae, Basicerotini: Brown, 1949f: 94.

Heptastruma as junior synonym of *Rhopalothrix*: Brown & Kempf, 1960: 230.

Acanthidris Weber, 1941a: 188. Type-species: *Acanthidris isthmicus* Weber, 1941a: 188, by original designation.

Taxonomic history

Acanthidris in Myrmicinae, Dacetini: Weber, 1941a: 183 [Dacetonini]; Donisthorpe, 1943f: 618; Brown, 1948e: 102.

Acanthidris in Myrmicinae, Basicerotini: Brown, 1949f: 94.

Acanthidris as junior synonym of *Rhopalothrix*: Brown & Kempf, 1960: 230.

Rhopalothrix catalogues: Dalla Torre, 1893: 145; Emery, 1924d: 328; Chapman & Capco, 1951: 105 (Asia); Brown, 1949f: 93; Kempf, 1972a: 226 (Neotropical); Taylor & Brown, D.R. 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**); Bolton, 1995a: 1052 (census); Shattuck, 1999: 162 (Australia synopsis); Longino & Boudinot, 2013: 307 (Central America species key).

Genus **TALARIDRIS**

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, 1998: 67; Fernández, 2003d: 314; Bolton, 2003: 185.

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: all authors except the above.

Talaridris catalogues: Bolton, 1995b: 399.

Talaridris references: Brown & Kempf, 1960: 241.

Tribe DACETINI

Dacetonini Forel, 1892d: 344. Type-genus: *Daceton* Perty, 1833: 136.

Taxonomic history

Dacetini as subfamily of Cryptoceridae: Ashmead, 1905b: 383 [Dacetonini].

Dacetini as tribe of Myrmicinae: Forel, 1892d: 344 [Dacetonini genus group]; Forel, 1893a: 164 [Dacetonii]; Forel, 1895b: 133 [Dacetonii]; Emery, 1895j: 770 [Dacetii]; Forel, 1899c: 41 [Dacetii]; Wheeler, W.M. 1910g: 141 [Dacetonii]; Emery, 1914a: 39; Wheeler, W.M. 1915e: 491 [Dacetoniini (in text)]; Arnold, 1917: 372; Forel, 1917: 246; Wheeler, W.M. 1922a: 655, 666 [Dacetonini]; Emery, 1924d: 312; Brown, 1948e: 125; subsequent authors to Bolton, 1994: 105 [Dacetonini]; Bolton, 1995b: 10; Bolton, 1999: 1639 [Dacetonini]; Bolton, 2000: 12; Bolton, 2003: 54, 185; Baroni Urbani & De Andrade, 2007: 81.

Junior synonyms of DACETINI

Dacetiti Brown, 1952g: 10 (footnote). Type-genus: *Daceton* Perty, 1833: 136.

Taxonomic history

Dacetiti as subtribe of Dacetini: Brown, 1952g: 10; Brown, 1954b: 465 (definition); Brown & Wilson, 1959b: 281.

Dacetiti as junior synonym of Dacetini: Baroni Urbani & De Andrade, 1994: 9.

Epopostrumiti Brown, 1952g: 10 (footnote). Type-genus: *Epopostruma* Forel, 1895f: 422.

Taxonomic history

Epopostrumiti as subtribe of Dacetini: Brown, 1952g: 10; Brown, 1954b: 465 (definition); Brown & Wilson, 1959b: 281.

Epopostrumiti as junior synonym of Dacetini: Baroni Urbani & De Andrade, 1994: 9.

Orectognathiti Brown, 1952g: 10 (footnote). Type-genus: *Orectognathus* Smith, F. 1853: 227.

Taxonomic history

Orectognathiti as subtribe of Dacetini: Brown, 1952g: 10; Brown, 1953k: 85 (definition); Brown, 1954b: 465; Brown & Wilson, 1959b: 281.

Orectognathiti as junior synonym of Dacetini: Baroni Urbani & De Andrade, 1994: 9.

[Arestognathiti: incorrect subsequent spelling by Brown, 1952g: 10.]

Strumigeniti Brown, 1952g: 10 (footnote). Type-genus: *Strumigenys* Smith, F. 1860c: 72.

Taxonomic history

Strumigeniti as subtribe of Dacetini: Brown, 1952g: 10; Brown, 1954b: 465; Brown & Wilson, 1959b: 281.

Strumigeniti as junior synonym of Dacetini: Baroni Urbani & De Andrade, 1994: 9.

Dacetini references: Mayr, 1887: 567 (Neotropical genera key); Emery, 1895j: 770 (diagnosis); Wheeler, W.M. 1910g: 141 (diagnosis); Emery, 1912b: 101 (phylogeny); Emery, 1914a: 39, 42 (diagnosis (in key), synoptic classification); Forel, 1917: 246 (synoptic classification); Wheeler, W.M. 1922a: 666, 917, 1034 (genera key, Afrotropical, Malagasy catalogues); Emery, 1924d: 312 (diagnosis, genera key, catalogue); Brown, 1948e: 125 (genera revision, key); Brown, 1949d: 1 (Japan, China, Taiwan fauna); Brown, 1953g: 2 (diagnosis, subtribal grouping); Brown & Wilson, 1959b: 278 (evolution, phylogeny); Wheeler, G.C. & Wheeler, J. 1976b: 60 (larvae, review & synthesis); Kugler, C. 1978a: 436 (sting structure); Bolton, 1983: 267 (Afrotropical fauna), Dlussky & Fedoseeva, 1988: 80 (synoptic classification); Terayama & Kubota, 1989: 778 (Taiwan fauna); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 391 (Neotropical fauna, synoptic classification); Arakelian & Dlussky, 1991: 149 (former U.S.S.R. fauna); Dlussky, 1993: 53 (Fiji Is, Tonga, Samoa fauna); Bolton, 1994: 105 (synoptic classification); Baroni Urbani & De Andrade, 1994: 9 (review of tribe, classification, phylogeny); Bolton, 1995a: 1040 (census); Bolton, 1995b: 10 (catalogue); Deyrup, 1997: 2 (Bahamas fauna); Bolton, 1998: 71 (comparative morphology, monophyly, relationships); Bolton, 1999: 1639 (diagnosis, genera revision, morphology, phylogeny, classification, key); Bolton, 2000: 13 (diagnosis, genera key); Lyu, Choi & Cho, 2001: 232 (Korea fauna); Fernández, 2003d: 316 (Neotropical genera); Bolton, 2003: 54, 185 (diagnosis, synopsis); Baroni Urbani & De Andrade, 2007: 81, 131 (classification, genera key); Sosa-Calvo, Schultz & LaPolla, 2010: 39 (Guyana species key).

Genera of Dacetini: *Acanthognathus*, *Colobostruma*, *Daceton*, *Eopostruma*, *Mesostruma*, *Microdaceton*, *Orectognathus*, *Strumigenys*.

Genera of Dacetini

Genus **ACANTHOGNATHUS**

Acanthognathus Mayr, 1887: 567 (diagnosis in key), 578. Type-species: *Acanthognathus ocellatus* Mayr, 1887: 579, by monotypy.

Taxonomic history

Acanthognathus in Myrmicinae: Dalla Torre, 1893: 148.

Acanthognathus in Cryptoceridae, Dacetini: Ashmead, 1905b: 384.

Acanthognathus in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 136; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 317; Brown, 1948e: 102; all subsequent authors.

Acanthognathus as genus: all authors.

***Acanthognathus* catalogues:** Dalla Torre, 1893: 148; Emery, 1924d: 317; Kempf, 1972a: 9; Bolton, 1995b: 53.

***Acanthognathus* references:** Emery, 1924d: 317 (diagnosis); Smith, M.R. 1944c: 150 (all species key); Brown & Kempf, 1969: 89 (diagnosis, **all species revision, key**); Bolton, 1995a: 1047 (census); Gronenberg, Brandão, *et al.* 1998: 227 (mandible mechanism); Bolton, 1999: 1650 (diagnosis, review of genus, phylogeny); Bolton, 2000: 15 (diagnosis, species synopsis); Galvis & Fernández, 2009: 247 (**all species key**).

Genus **COLOBOSTRUMA**

Colobostruma Wheeler, W.M. 1927f: 32 [as subgenus of *Eopostruma*]. Type-species: *Eopostruma (Colobostruma) leae* Wheeler, W.M. 1927f: 32, by monotypy.

Taxonomic history

Colobostruma in Myrmicinae, Dacetini: Brown, 1948e: 118.

Colobostruma as junior synonym of *Eopostruma*: Baroni Urbani & De Andrade, 2007: 94.

Colobostruma as genus: Brown, 1948e: 118; all subsequent authors except the above; Heterick, 2009: 145.

Junior synonyms of **COLOBOSTRUMA**

Alistruma Brown, 1948e: 117. Type-species: *Eopostruma foliacea* Emery, 1897c: 573, by original designation.

Taxonomic history

Alistruma in Myrmicinae, Dacetini: Brown, 1948e: 117.

Alistruma as junior synonym of *Colobostruma*: Brown, 1959c: 1; Brown & Wilson, 1959b: 281; Bolton, 1999: 1679; Shattuck, 2000: 31.

Clarkistruma Brown, 1948e: 124. Type-species: *Eopostruma alinodis* Forel, 1913g: 179, by original designation.

Taxonomic history

Clarkistruma in Myrmicinae, Dacetini: Brown, 1948e: 124.

Clarkistruma as junior synonym of *Colobostruma*: Brown, 1959c: 1; Brown & Wilson, 1959b: 281; Bolton, 1999: 1679; Shattuck, 2000: 31.

Colobostruma catalogues: Taylor & Brown, D.R. 1985: 59 (Australia); Taylor, 1987a: 22 (Australia); Bolton, 1995b: 146.

Colobostruma references: Bolton, 1995a: 1048 (census); Shattuck, 1999: 130 (Australia synopsis); Bolton, 1999: 1678, 1679 (morphology, diagnosis, review of genus, phylogeny); Shattuck, 2000: 31 (diagnosis, all species revision, key); Heterick, 2009: 145 (south-western Australia species key).

Genus **DACETON**

Daceton Perty, 1833: 136. Type-species: *Formica armigera* Latreille, 1802c: 244, by monotypy.

Taxonomic history

Daceton in Poneridae, Myrmicidae: Smith, F. 1858b: 160.

Daceton in Myrmicidae, Cryptoceridae: Smith, F. 1853: 226; Emery, 1877a: 81.

Daceton in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Daceton in Myrmicinae: Mayr, 1865: 26 [Myrmicidae]; Dalla Torre, 1893: 149.

Daceton in Myrmicinae, Dacetini: Forel, 1893a: 164; Forel, 1892d: 344; Forel, 1895b: 136; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 316; Donisthorpe, 1943f: 637; Brown, 1948e: 102; all subsequent authors.

Daceton as genus: all authors.

Junior synonym of **DACETON**

Dacetum Agassiz, 1846: 115, unjustified emendation of *Daceton*.

Taxonomic history

Dacetum as junior synonym of *Daceton*: Brown, 1973b: 179.

Daceton catalogues: Roger, 1863b: 40; Mayr, 1863: 406; Dalla Torre, 1893: 149; Emery, 1924d: 316; Kempf, 1972a: 94; Bolton, 1995b: 168.

Daceton references: Mayr, 1865: 26 (diagnosis); Emery, 1924d: 316 (diagnosis); Bolton, 1994: 105 (synoptic classification); Gronenberg, 1996: 2021 (mandible morphology); Bolton, 1999: 1653 (diagnosis, review of genus, phylogeny); Bolton, 2000: 17 (diagnosis, species synopsis); Azorsa & Sossa-Calvo, 2008: 27 (**all species key**).

Genus **EPOPOSTRUMA**

Epopostruma Forel, 1895f: 422 [as subgenus of *Strumigenys*]. Type-species: *Strumigenys (Epopostruma) quadrispinosa* Forel, 1895f: 422, by subsequent designation of Wheeler, W.M. 1911f: 163.

Taxonomic history

Epopostruma in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Epopostruma in Myrmicinae, Dacetini: Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 667; Emery, 1924d: 329; Donisthorpe, 1943f: 644; Brown, 1948e: 119; all subsequent authors.

Epopostruma as subgenus of *Strumigenys*: Forel, 1895f: 422.

Epopostruma as genus: Emery, 1897c: 573; all subsequent authors.

Junior synonym of **EPOPOSTRUMA**

Hexadaceton Brown, 1948e: 120. Type-species: *Hexadaceton frosti* Brown, 1948e: 120, by original designation.

Taxonomic history

Hexadaceton in Myrmicinae, Dacetini: Brown, 1949e: 120.

Hexadaceton as junior synonym of *Epopostruma*: Brown, 1973b: 181 [provisional]; Taylor & Brown, D.R. 1985: 63; Bolton, 1999: 1681; Shattuck, 2000: 53.

Epopostruma catalogues: Emery, 1924d: 329; Taylor & Brown, D.R. 1985: 63; Taylor, 1987a: 26; Bolton, 1995b: 188.

Epopostruma references: Emery, 1924d: 329 (diagnosis); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1049 (census); Shattuck, 1999: 134 (Australia synopsis); Bolton, 1999: 1678, 1681 (morphology, diagnosis, review of genus, phylogeny); Shattuck, 2000: 53 (diagnosis, **all species revision, key**); Heterick, 2009: 149 (south-western Australia species key).

Genus **MESOSTRUMA**

Mesostruma Brown, 1948e: 118. Type-species: *Strumigenys (Epopostruma) turneri* Forel, 1895f: 424, by original designation.

Taxonomic history

Mesostruma in Myrmicinae, Dacetini: Brown, 1948e: 118.

Mesostruma as junior synonym of *Colobostruma*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 94.

Mesostruma as genus: Brown, 1948e: 118; Brown, 1952g: 9; Bolton, 1995b: 35; Taylor, 1973: 25; Bolton, 1999: 1680; Shattuck, 2000: 47; Heterick, 2009: 157.

***Mesostruma* catalogues:** Taylor & Brown, D.R. 1985: 69; Taylor, 1987a: 40; Bolton, 1995b: 252.

***Mesostruma* references:** Brown, 1952g: 9 (diagnosis, all species key); Taylor, 1973: 27 (diagnosis, **all species revision, key**); Shattuck, 1999: 143 (synopsis); Bolton, 1999: 1680 (morphology, diagnosis, review of genus, phylogeny); Shattuck, 2000: 47 (diagnosis, **all species revision, key**).

Genus ***MICRODACETON***

Microdacetum Santschi, 1913g: 478. Type-species: *Microdacetum exornatum* Santschi, 1913g: 478, by monotypy.

Taxonomic history

[*Microdacetum* also described as new by Santschi, 1914e: 33.]

Microdacetum in Myrmicinae, Dacetini: Emery, 1914a: 42; Forel, 1917: 246; Arnold, 1917: 383; Wheeler, W.M. 1922a: 667; Emery, 1924d: 317; Brown, 1948e: 102; all subsequent authors.

Microdacetum as genus: all authors.

***Microdacetum* catalogues:** Wheeler, W.M. 1922a: 917; Emery, 1924d: 317; Bolton, 1995b: 258.

***Microdacetum* references:** Arnold, 1917: 383 (diagnosis); Emery, 1924d: 317 (diagnosis); Bolton, 1983: 401 (diagnosis, **all species revision, key**); Bolton, 1994: 105 (synoptic classification); Bolton, 1999: 1675 (morphology, diagnosis, review of genus, phylogeny); Bolton, 2000: 26 (diagnosis, **all species revision, key**).

Genus ***ORECTOGNATHUS***

Orectognathus Smith, F. 1853: 227. Type-species: *Orectognathus antennatus* Smith, F. 1853: 228, by monotypy.

Taxonomic history

Orectognathus in Myrmicidae, Cryptoceridae: Smith, F. 1853: 227; Emery, 1877a: 81.

Orectognathus in Poneridae, Myrmicinae: Smith, F. 1858b: 161.

Orectognathus in Myrmicinae: Mayr, 1865: 26 [Myrmicinae]; Dalla Torre, 1893: 148.

Orectognathus in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Orectognathus in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 318; Brown, 1948e: 102; all subsequent authors.

Orectognathus as genus: all authors.

Junior synonym of *ORECTOGNATHUS*

Arnoldidris Brown, 1950c: 143. Type-species: *Orectognathus chyzeri* Emery, 1897c: 571, by original designation.

Taxonomic history

Arnoldidris in Myrmicinae, Dacetini: Brown, 1950c: 143; Brown, 1953k: 87.

Arnoldidris as junior synonym of *Orectognathus*: Brown, 1973b: 178 [provisional]; Taylor, 1977: 581; Bolton, 1999: 1655; Bolton, 2000: 19.

***Orectognathus* catalogues:** Roger, 1863b: 40; Mayr, 1863: 439; Dalla Torre, 1893: 148; Emery, 1924d: 318; Chapman & Capco, 1951: 105 (Asia); Taylor & Brown, D.R. 1985: 72 (Australia); Taylor, 1987a: 51 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 301.

Orectognathus* references:** Mayr, 1865: 26 (diagnosis); Emery, 1924d: 318 (diagnosis); Brown, 1953k: 87 (diagnosis, **all species key**); Brown, 1958b: 17 (supplement to Brown, 1953k, ***Arnoldidris species key: 22; ***Orectognathus species key***: 27); Brown, 1958h: 36 (New Zealand species); Taylor, 1977: 585 (**all species key**); Taylor, 1978b: 9 (**all species key**); Taylor, 1980a: 779 (species notes, supplement to 1977 key); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1051 (census); Shattuck, 1999: 150 (Australia synopsis); Bolton, 1999: 1655 (diagnosis, review of genus, phylogeny); Bolton, 2000: 19 (diagnosis, species synopsis).

Genus *STRUMIGENYS*

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

Taxonomic history

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

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

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

Strumigenys in Cryptoceridae, Dacetini: Ashmead, 1905b: 384.

Strumigenys in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Forel, 1895b: 133; Emery, 1895j: 770; Forel, 1899c: 42; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Arnold, 1917: 372; Wheeler, W.M. 1922a: 668; Emery, 1924d: 319; Brown, 1948e: 108; all subsequent authors.

Strumigenys as genus: all authors.

Junior synonyms of *STRUMIGENYS*

Labidogenys Roger, 1862a: 249. Type-species: *Labidogenys lyroessa* Roger, 1862a: 251, by monotypy.

Taxonomic history

Labidogenys in Myrmicinae, Dacetini: Donisthorpe, 1943f: 654; Brown, 1948e: 102.

Labidogenys as genus: Roger, 1862a: 249; Brown, 1948e: 102.

Labidogenys as junior synonym of *Strumigenys*: Roger, 1863b: 40; Emery & Forel, 1879a: 464; Dalla Torre, 1893: 145; Bingham, 1903: 147; Emery, 1924d: 320; Brown & Wilson, 1959b: 281; Brown, 1960b: 38; Bolton, 1983: 358; Bolton, 1999: 1673; Bolton, 2000: 492.

Pyramica Roger, 1862a: 251. Type-species: *Pyramica gundlachi* Roger, 1862a: 253, by monotypy.

Taxonomic history

Pyramica in Myrmicinae, Dacetini: Emery, 1924d: 320; all subsequent authors.

Pyramica as subgenus of *Strumigenys*: Brown, 1948e: 110.

Pyramica as genus: Mayr, 1863: 453; Bolton, 1999: 1667; Bolton, 2000: 90; Eguchi, Bui & Yamane, 2011: 26.

Pyramica as junior synonym of *Strumigenys*: Roger, 1863b: 40; Emery & Forel, 1879a: 464; Dalla Torre, 1893: 145; Bingham, 1903: 147; Emery, 1924d: 320; Donisthorpe, 1943g: 723; Brown & Wilson, 1959b: 281; Brown, 1960b: 37; Kempf, 1972a: 242; Bolton, 1983: 358; Bolton, 1994: 105; Baroni Urbani & De Andrade, 2007: 101.

Epitritus Emery, 1869a: 136 (attributed to Haliday). Type-species: *Epitritus argiolus* Emery, 1869a: 136, by monotypy.

Taxonomic history

Epitritus in Myrmicinae, Cryptoceridae: Emery, 1877a: 81.

Epitritus in Myrmicinae: Emery & Forel, 1879a: 465 [Myrmicidae]; Dalla Torre, 1893: 148.

Epitritus in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Epitritus in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Arnold, 1917: 384; Wheeler, W.M. 1922a: 666; Emery, 1924d: 326; Donisthorpe, 1943f: 643; Brown, 1948e: 122; Brown, 1949b: 44; all subsequent authors.

Epitritus as genus: all authors to the following.

Epitritus as junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 90.

Epitritus as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 12; Baroni Urbani & De Andrade, 2007: 101.

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, 1879a: 464 [Myrmicinae]; Dalla Torre, 1893: 145.

Trichoscapa in Myrmicinae, Dacetini: Forel, 1917: 246; Wheeler, W.M. 1922a: 668; Emery, 1924d: 323; Donisthorpe, 1943g: 734; Brown, 1948e: 112; all subsequent authors.

Trichoscapa as subgenus of *Strumigenys*: Emery & Forel, 1879a: 464; Forel, 1917: 246; Creighton, 1950a: 304.

Trichoscapa as junior synonym of *Cephaloxys*: Wheeler, W.M. 1922a: 668; Emery, 1924d: 323; Donisthorpe, 1943g: 734.

Trichoscapa as genus: Brown, 1948e: 112; Kempf, 1972a: 255; Bolton, 1983: 319.

Trichoscapa as junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 90.

Trichoscapa as junior synonym of *Strumigenys*: Dalla Torre, 1893: 145; Baroni Urbani & De Andrade, 1994: 13; Baroni Urbani & De Andrade, 2007: 101.

Pentastruma Forel, 1912a: 50. Type-species: *Pentastruma sauteri* Forel, 1912a: 51, by monotypy.

Taxonomic history

Pentastruma in Myrmicinae, Dacetini: Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 666; Emery, 1924d: 326; Donisthorpe, 1943f: 682; Brown, 1948e: 102.

Pentastruma as junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 91.

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

Glamyromyrmex Wheeler, W.M. 1915e: 487. Type-species: *Glamyromyrmex beebei* Wheeler, W.M. 1915e: 488, by monotypy.

Taxonomic history

Glamyromyrmex in Myrmicinae, Dacetini: Wheeler, W.M. 1915e: 491; Forel, 1917: 246; Wheeler, W.M. 1922a: 667; Emery, 1924d: 326; Donisthorpe, 1943f: 647; Brown, 1948e: 116; all subsequent authors.

Glamyromyrmex as junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 91.

Glamyromyrmex as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

Codiomyrmex Wheeler, W.M. 1916d: 326. Type-species: *Codiomyrmex thaxteri* Wheeler, W.M. 1916d: 327, by monotypy.

Taxonomic history

Codiomyrmex in Myrmicinae, Dacetini: Wheeler, W.M. 1922a: 667; Emery, 1924d: 325; Donisthorpe, 1943f: 633; Brown, 1948e: 114; all subsequent authors.

Codiomyrmex as subgenus of *Strumigenys*: Emery, 1924d: 325; Donisthorpe, 1943f: 633.

Codiomyrmex as genus: Wheeler, W.M. 1916d: 326; Brown, 1948e: 114.

Codiomyrmex as junior synonym of *Glamyromyrmex*: Brown, 1973b: 179 [provisional].

Codiomyrmex as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Codiomyrmex as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

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

Taxonomic history

Tingimyrmex in Myrmicinae, Dacetini: Donisthorpe, 1943g: 732; Brown, 1948e: 111; all subsequent authors.

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

Tingimyrmex as genus: Brown, 1948e: 111; Kempf, 1972a: 250.

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

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

Codioxenus Santschi, 1931c: 278 [as subgenus of *Epitritus*]. Type-species: *Epitritus (Codioxenus) simulans* Santschi, 1931c: 278, by monotypy.

Taxonomic history

Codioxenus in Myrmicinae, Dacetini: Donisthorpe, 1943f: 633; Brown, 1948e: 123; all subsequent authors.

Codioxenus as genus: Brown, 1948e: 123.

Codioxenus as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Codioxenus as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

Proscopomyrmex Patrizi, 1946: 294. Type-species: *Proscopomyrmex londianensis* Patrizi, 1946: 295, by monotypy.

Taxonomic history

Proscopomyrmex in Myrmicinae, Dacetini: Patrizi, 1946: 294 [Dacetonini].

Proscopomyrmex as junior synonym of *Strumigenys*: Brown, 1949d: 15; Bolton, 1999: 1673; Bolton, 2000: 492.

Eneria Donisthorpe, 1948d: 598. Type-species: *Eneria excisa* Donisthorpe, 1948d: 598 (junior synonym of *Strumigenys loriae* Emery, 1897c: 576), by original designation.

Taxonomic history

Eneria as genus: Chapman & Capco, 1951: 104 (anachronism).

Eneria as junior synonym of *Strumigenys*: Brown, 1949d: 15; Bolton, 1999: 1673; Bolton, 2000: 492.

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 in Kempf, 1972a: 230, Bolton, 1983: 274 and Bolton, 1995b: 46.]

Smithistruma in Myrmicinae, Dacetini: Brown, 1948e: 104.

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

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

Junior homonym replaced by *Smithistruma*

Cephaloxys Smith, F. 1865: 76. Type-species: *Cephaloxys capitata* Smith, F. 1865: 77, by monotypy.

Taxonomic history

[*Cephaloxys* Smith, F. junior homonym of *Cephaloxys* Signoret, 1847: 294 (Hemiptera).]

Cephaloxys in Cryptoceridae: Smith, F. 1871a: 335.

Cephaloxys in Myrmicinae, Dacetini: Wheeler, W.M. 1922a: 668.

Cephaloxys as junior synonym of *Strumigenys*: Dalla Torre, 1893: 145.

Cephaloxys as subgenus of *Strumigenys*: Wheeler, W.M. 1922a: 668; Emery, 1924d: 323; Bernard, 1953b: 254 (anachronism).

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: Brown, 1948e: 106.

Weberistruma as genus: Brown, 1949d: 7; Brown, 1953g: 24.

Weberistruma as junior synonym of *Smithistruma*: Brown, 1973a: 35.

Weberistruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Weberistruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 102.

Wessonistroma Brown, 1948e: 106 [as subgenus of *Smithistruma*]. Type-species: *Strumigenys pergandei* Emery, 1895c: 326, by original designation.

Taxonomic history

Wessonistroma in Myrmicinae, Dacetini: Brown, 1948e: 106.

Wessonistroma junior synonym of *Smithistruma*: Brown, 1973a: 35.

Wessonistroma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Wessonistroma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 102.

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

Taxonomic history

Serrastruma in Myrmicinae, Dacetini: Brown, 1948e: 107, and all subsequent authors.

Serrastruma as genus: Brown, 1949d: 6; Brown, 1952e: 70; Bolton, 1983: 335; Bolton, 1994: 105.

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

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

Neostruma Brown, 1948e: 111. Type-species: *Strumigenys crassicornis* Mayr, 1887: 577, by original designation.

Taxonomic history

Neostruma in Myrmicinae, Dacetini: Brown, 1948e: 111; all subsequent authors.

Neostruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Neostruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 12; Baroni Urbani & De Andrade, 2007: 102.

Dorisidris Brown, 1948e: 116. Type-species: *Strumigenys (Codiomyrmex) nitens* Santschi, 1932e: 413, by original designation.

Taxonomic history

Dorisidris in Myrmicinae, Dacetini: Brown, 1948e: 116; all subsequent authors.

Dorisidris as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

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

Miccostruma Brown, 1948e: 123. Type-species: *Epitritus mandibularis* Szabó, 1909: 27 (junior secondary homonym in *Strumigenys*; replacement name: *Strumigenys maxillaris* Baroni Urbani, in Baroni Urbani & De Andrade, 2007: 123), by original designation.

Taxonomic history

Miccostruma in Myrmicinae, Dacetini: Brown, 1948e: 123.

Miccostruma as junior synonym of *Smithistruma*: Bolton, 1983: 274.

Miccostruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Miccostruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 102.

Quadristruma Brown, 1949b: 47. Type-species: *Epitritus emmae* Emery, 1890b: 70, by original designation.

Taxonomic history

Quadristruma in Myrmicinae, Dacetini: Brown, 1949b: 47; all subsequent authors.

Quadristruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 12; Bolton, 1999: 1673; Bolton, 2000: 492.

Kyidris Brown, 1949d: 3. Type-species: *Kyidris mutica* Brown, 1949d: 3, by original designation.

Taxonomic history

Kyidris in Myrmicinae, Dacetini: Brown, 1949d: 3.

Kyidris as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Kyidris as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 103.

Chelystruma Brown, 1950a: 33 [as subgenus of *Glamyromyrmex*]. Type-species: *Glamyromyrmex (Chelystruma) lilloana* Brown, 1950a: 34, by monotypy.

Taxonomic history

Chelystruma in Myrmicinae, Dacetini: Brown, 1950a: 33; all subsequent authors.

Chelystruma as subgenus of *Glamyromyrmex*: Brown, 1953g: 16.

Chelystruma as genus: Kempf, 1959d: 338; Kempf, 1972a: 77.

Chelystruma as junior synonym of *Glamyromyrmex*: Brown, 1973b: 179 [provisional].

Chelystruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Chelystruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

Polyhomoa Azuma, 1950: 36. Type-species: *Polyhomoa itoi* Azuma, 1950: 36 (junior synonym of *Kyidris mutica* Brown, 1949d: 3), by monotypy.

Taxonomic history

Polyhomoa as junior synonym of *Kyidris*: Creighton, 1950b: 93; Brown & Yasumatsu, 1951: 93.

Polyhomoa as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Polyhomoa as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 103.

Borgmeierita Brown, 1953g: 23. Type-species: *Codiomyrmex excisus* Weber, 1934a: 51, by original designation.

Taxonomic history

Borgmeierita in Myrmicinae, Dacetini: Brown, 1953g: 23.

Borgmeierita as junior synonym of *Glamyromyrmex*: Brown, 1973a: 35.

Borgmeierita as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Borgmeierita as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 103.

Platystruma Brown, 1953g: 112 [as subgenus of *Smithistruma*]. Type-species: *Strumigenys (Cephaloxys) depressiceps* Weber, 1934a: 47, by original designation.

Taxonomic history

Platystruma in Myrmicinae, Dacetini: Brown, 1953g: 112; all subsequent authors.

Platystruma as junior synonym of *Smithistruma*: Brown, 1973a: 35.

Platystruma as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Platystruma as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 103.

Gymnomyrmex Borgmeier, 1954b: 279. Type-species: *Gymnomyrmex splendens* Borgmeier, 1954b: 279, by original designation.

Taxonomic history

Gymnomyrmex in Myrmicinae, Dacetini: Borgmeier, 1954b: 279; all subsequent authors.

Gymnomyrmex as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Gymnomyrmex as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

Dysedrognathus Taylor, 1968d: 132. Type-species: *Dysedrognathus extemenus* Taylor, 1968d: 133, by original designation.

Taxonomic history

Dysedrognathus in Myrmicinae, Dacetini: Taylor, 1968d: 132.

Dysedrognathus as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Dysedrognathus as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 13; Baroni Urbani & De Andrade, 2007: 103.

Asketogenys Brown, 1972: 23. Type-species: *Asketogenys acubecca* Brown, 1972: 23, by original designation.

Taxonomic history

Asketogenys in Myrmicinae, Dacetini: Brown, 1972: 23.

Asketogenys as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Asketogenys as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 103.

Cladarogenys Brown, 1976b: 33. Type-species: *Cladarogenys lasia* Brown, 1976b: 34, by original designation.

Taxonomic history

Cladarogenys in Myrmicinae, Dacetini: Brown, 1976b: 33.

Cladarogenys as junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

Cladarogenys as junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

Strumigenys catalogues: Roger, 1863b: 40; Mayr, 1863: 424, 453, 455 (*Labidogenys*, *Pyramica*, *Strumigenys*); 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 (Malagasy); 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*, *Quadrstruma*, *Smithistruma*, *Strumigenys*, *Tingimyrmex*, *Trichoscapa*); Smith, D.R. 1979: 1403, 1405, 1408, 1409 (North America *Strumigenys*, *Smithistruma*, *Trichoscapa*, *Quadrstruma*); Taylor & Brown, D.R. 1985: 64, 85, 87 (Australia *Glamyromyrmex*, *Quadrstruma*, *Strumigenys*); Taylor, 1987a: 28, 66, 76 (Australia, New Caledonia & New Zealand *Glamyromyrmex*, *Quadrstruma*, *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*, *Quadrstruma*, *Serrastruma*, *Smithistruma*, *Strumigenys*, *Tingimyrmex*, *Trichoscapa*).

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, 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 Afrotopical species revision, key*: 274, *Trichoscapa* review: 319, *Glamyromyrmex Afrotopical species revision, key*: 320, *Serrastruma Afrotopical species revision, key*: 335, *Cladarogenys* review: 353, *Epitritus Afrotopical species revision, key*: 354, *Strumigenys Afrotopical species revision, key*: 358, *Quadriflora* 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); Morisita, Kubota, 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 (Venezuela *Strumigenys* species key); Ogata & Onoyama, 1998: 277 (Japan *Smithistruma* species key); Shattuck, 1999: 136, 160, 167, 170 (Australia *Glamyromyrmex, Quadriflora, 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); Sarnat & Economo, 2012: 117, 124 (Fiji Is *Pyramica, Strumigenys* species key); Bharti & Akbar, 2013b: 391 (India *Strumigenys* species key).

Tribe PHALACROMYRMECINI

Phalacromyrmecini Dlussky & Fedoseeva, 1988: 80. Type-genus: *Phalacromyrmex* Kempf, 1960b: 89.

Taxonomic history

[*Phalacromyrmecini* Wheeler, G.C. & Wheeler, J. 1976b: 60 and Wheeler, G.C. & Wheeler, J. 1985: 258; unavailable names.]

Phalacromyrmecini as junior synonym of *Dacetini*: Baroni Urbani & De Andrade, 1994: 10; Baroni Urbani & De Andrade, 2007: 81.

Phalacromyrmecini tribe of *Myrmicinae*: Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106; Bolton, 1995b: 14; Bolton, 1998: 72.

Phalacromyrmecini references: Bolton, 1984: 381 (diagnosis, key); Bolton, 1994: 106 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 14 (catalogue); Bolton, 1998: 72 (comparative morphology, monophyly, relationships); Bolton, 2003: 54, 192 (diagnosis, synopsis); Baroni Urbani & De Andrade, 2007: 81 (classification).

Genera of Phalacromyrmecini: *Ishakidris*, *Phalacromyrmex*, *Pilotrochus*.

Genera of Phalacromyrmecini

Genus *ISHAKIDRIS*

Ishakidris Bolton, 1984: 374. Type-species: *Ishakidris ascitaspis* Bolton, 1984: 375, by original designation.

Taxonomic history

Ishakidris in Myrmicinae, *Phalacromyrmex* genus group: Bolton, 1984: 382.

Ishakidris in Myrmicinae, Dacetini: Baroni Urbani & De Andrade, 1994: 31; Baroni Urbani & De Andrade, 2007: 98.

Ishakidris in Myrmicinae, Phalacromyrmecini: Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1998: 67.

Ishakidris as genus: all authors.

***Ishakidris* catalogues:** Bolton, 1995b: 219.

Genus *PHALACROMYRMEX*

Phalacromyrmex Kempf, 1960b: 89. Type-species: *Phalacromyrmex fugax* Kempf, 1960b: 90, by original designation.

Taxonomic history

Phalacromyrmex incertae sedis in Myrmicinae: Kempf, 1960b: 90; Jaffe, 1993: 12 (anachronism).

Phalacromyrmex in Myrmicinae, Myrmicini: Kusnezov, 1964: 56.

Phalacromyrmex in Myrmicinae, Dacetini: Kempf, 1972a: 182; Baroni Urbani & De Andrade, 1994: 31; Baroni Urbani & De Andrade, 2007: 99.

Phalacromyrmex in Myrmicinae, *Phalacromyrmex* genus group: Bolton, 1984: 382.

Phalacromyrmex in Myrmicinae, Phalacromyrmecini: Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1998: 67.

Phalacromyrmex as genus: all authors.

Phalacromyrmex catalogues: Bolton, 1995b: 316.

Phalacromyrmex references: Bolton, 1984: 377 (review of genus);

Genus **PILOTROCHUS**

Pilotrochus Brown, 1978a: 218. Type-species: *Pilotrochus besmerus* Brown, 1978a: 221, by original designation.

Taxonomic history

Pilotrochus incertae sedis in Myrmicinae: Brown, 1978a: 218.

Pilotrochus in Myrmicinae, *Phalacromyrmex* genus group: Bolton, 1984: 381.

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

Pilotrochus in Myrmicinae, Dacetini: Baroni Urbani & De Andrade, 1994: 31; Baroni Urbani & De Andrade, 2007: 100.

Pilotrochus in Myrmicinae, Phalacromyrmecini: Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1998: 67.

Pilotrochus as genus: all authors.

Pilotrochus catalogues: Bolton, 1995b: 334.

Pilotrochus references: Bolton, 1984: 380 (review of genus).

Tribe **CATAULACINI**

Cataulacii Emery, 1895j: 771. Type-genus: *Cataulacus* Smith, F. 1853: 225.

Taxonomic history

Cataulacini as subfamily of Cryptoceridae: Ashmead, 1905b: 384 [Cataulacinae].

Cataulacini as tribe of Myrmicinae: Emery, 1895j: 771 [Cataulacii]; Wheeler, W.M. 1910g: 142 [Cataulacii]; Emery, 1914a: 39; Arnold, 1917: 386; Forel, 1917: 246; Wheeler, W.M. 1922a: 657; Emery, 1924d: 294; all subsequent authors.

Genus of Cataulacini: *Cataulacus*.

Genus **CATAULACUS**

Cataulacus Smith, F. 1853: 225. Type-species: *Cataulacus taprobanae* Smith, F. 1853: 225, by subsequent designation of Bingham, 1903: 120.

Taxonomic history

Cataulacus in Myrmicidae, Cryptoceridae: Smith, F. 1853: 225; Emery, 1877a: 81.

Cataulacus in Poneridae, Cryptoceridae: Smith, F. 1858b: 195.

Cataulacus in Formicidae, Cryptoceridae: Smith, F. 1857a: 80; Smith, F. 1862d: 414.

Cataulacus in Cryptoceridae: Smith, F. 1862a: 49; Smith, F. 1871a: 334; Smith, F. 1876d: 609.

Cataulacus in Myrmicinae: Mayr, 1865: 26 [Myrmicidae]; Dalla Torre, 1893: 137.

Cataulacus in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164.

Cataulacus in Cryptoceridae, Cataulacinae: Ashmead, 1905b: 384.

Cataulacus in Myrmicinae, Cataulacini: Emery, 1895j: 771; Wheeler, W.M. 1910g: 142; Emery, 1914a: 42; Forel, 1917: 246; Arnold, 1917: 386; Wheeler, W.M. 1922a: 665; all subsequent authors.

Cataulacus as genus: all authors.

Junior synonym of **CATAULACUS**

Otomyrmex Forel, 1891b: 147 [as subgenus of *Cataulacus*]. Type-species: *Cataulacus (Otomyrmex) oberthueri* Emery, in Forel, 1891b: 146, by monotypy.

Taxonomic history

Otomyrmex as subgenus of *Cataulacus*: Forel, 1891b: 147; Dalla Torre, 1893: 137; Forel, 1917: 246; Wheeler, W.M. 1910g: 142; Emery, 1924d: 299.

Otomyrmex as junior synonym of *Cataulacus*: Wheeler, W.M. 1922a: 665 (in text); Brown, 1973b: 183 [provisional]; Bolton, 1974a: 7.

Cataulacus catalogues: Roger, 1863b: 39; Mayr, 1863: 402; Dalla Torre, 1893: 137; Wheeler, W.M. 1922a: 912, 1033 (Afrotropical, Malagasy); Emery, 1924d: 294, 299 (*Cataulacus*, *C. (Otomyrmex)*); Chapman & Capco, 1951: 84 (Asia); Bolton, 1995b: 137.

Cataulacus references: Mayr, 1865: 26 (diagnosis); Mayr, 1870a: 413 (Colombia + Panama (= New Grenada) species key, see under *Procryptocerus*); Forel, 1903a: 706 (India & Sri Lanka species key); Bingham, 1903: 121 (India, Sri Lanka & Burma species key); Wheeler, W.M. 1910g: 142 (diagnosis); Emery, 1914a: 39 (diagnosis (in key)); Arnold, 1917: 386 (diagnosis); Arnold, 1920a: 403 (South Africa species key); Wheeler, W.M. 1922a: 197 (diagnosis); Emery, 1924d: 294, 299 (*Cataulacus*, *C. (Otomyrmex)* diagnoses); Bolton, 1974a: 7 (revision of tribe, diagnosis, **all species revision**; **Afrotropical & Malagasy species key**: 13, **Oriental & Malesian species key**: 59); Wheeler, G.C. & Wheeler, J. 1976b: 59 (larvae, review & synthesis); Kugler, C. 1978a: 476 (sting structure); Bolton,

1982: 354 (**Afrotropical species, revised key**); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1048 (census); Bolton, 2003: 55, 193 (diagnosis, synopsis).

Tribe CEPHALOTINI

Cephalotini Smith, M.R. 1949c: 19. Type-genus: *Cephalotes* Latreille, 1802a: 357.

Taxonomic history

Cephalotini as tribe of Myrmicinae: Smith, M.R. 1949c: 19; Kempf, 1951: 11; Kempf, 1952: 1; Kempf, 1958a: 1; all subsequent authors.

Junior synonym of CEPHALOTINI

Cryptoceridae Smith, F. 1853: 214. Type-genus: *Cryptocerus* Latreille, 1803: 311 (junior synonym of *Cephalotes* Latreille, 1802a: 357).

Taxonomic history

Cryptoceridae as group of Myrmicinae: Smith, F. 1853: 214.

Cryptoceridae as subfamily of Poneridae: Smith, F. 1858b: 187.

Cryptoceridae as family: Smith, F. 1860a: 75; Smith, F. 1862a: 49; Smith, F. 1871a: 334; Ashmead, 1905b: 383.

Cryptoceridae as subfamily of Formicidae: Smith, F. 1857a: 79; Smith, F. 1862b: 35; Smith, F. 1862d: 408; Smith, F. 1867: 523.

Cryptoceridae as group of Myrmicinae: Emery, 1877a: 72.

Cryptoceridae as junior synonym of Myrmicinae: Emery & Forel, 1879a: 456.

Cryptoceridae as tribe or subfamily of Myrmicinae: Forel, 1891b: 143 [Cryptocerini]; Emery, 1894g: 383 [Cryptocerinae].

Cryptoceridae as tribe of Myrmicinae: Forel, 1892d: 344 [Cryptocerini]; Forel, 1893a: 164 [Cryptocerii]; Forel, 1895b: 132 [Cryptocerii]; Emery, 1895j: 763 [Cryptocerii]; Forel, 1899c: 43 [Cryptocerii]; Wheeler, W.M. 1910g: 141 [Cryptocerii]; Forel, 1892d: 344 [Cryptocerini]; Emery, 1914a: 39 [Cryptocerini]; Emery, 1915i: 192 [Cryptocerini]; Wheeler, W.M. 1915e: 491 [Cryptocerini (in text)]; Forel, 1917: 246 [Cryptocerini]; Wheeler, W.M. 1922a: 657 [Cryptocerini]; Emery, 1924d: 299 [Cryptocerini]; all subsequent authors to the following; Wheeler, G.C. & Wheeler, J. 1976b: 59 [Cryptocerini]; Dlussky & Fedoseeva, 1988: 79 [Cryptocerini (anachronism)].

Cryptoceridae as junior synonym of Cephalotini: Smith, M.R. 1949c: 18; Kempf, 1951: 11; all subsequent authors except for the above anachronisms. [Cephalotini retains priority over Cryptoceridae under Article 40.2 of the International Code of Zoological Nomenclature (4th Edition), 1999: 46.]

Cephalotini references: Emery, 1895j: 771 (diagnosis); Wheeler, W.M. 1910g: 141 (diagnosis); Emery, 1914a: 39, 42 (diagnosis (in key), synoptic classification); Forel, 1917: 246 (synoptic classification); Wheeler, W.M. 1922a: 665 (genera key); Emery, 1924d: 299 (diagnosis, genera key, catalogue); Kempf, 1951: 11 (revision of tribe, genera key); Kempf, 1958a: 4 (Argentina fauna); Kempf, 1973c: 461 (genera); Wheeler, G.C. & Wheeler, J. 1976b: 59 (larvae, review & synthesis); Kugler, C. 1978a: 473 (sting structure); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 391 (Neotropical fauna, synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1040 (census); Bolton, 1995b: 10 (catalogue); De Andrade & Baroni Urbani, 1999: 1 (diagnosis, review of tribe, revision of genera); Bolton, 2003: 56, 194 (diagnosis, synopsis).

Genera of Cephalotini: *Cephalotes*, *Procryptocerus*.

Genus **CEPHALOTES**

Cephalotes Latreille, 1802a: 357. Type-species: *Formica atrata* Linnaeus, 1758: 581, by monotypy.

Taxonomic history

[Type-species not *Formica cephalotes* Linnaeus, 1758: 581, unjustified subsequent designation by Wheeler, W.M. 1911f: 160; corrected by Wheeler, W.M. 1913a: 78.]

Cephalotes in Myrmicinae, Cryptocerini: Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 303; all subsequent authors to 1949, and Dlussky & Fedoseeva, 1988: 79 (anachronism).

Cephalotes in Myrmicinae, Cephalotini: Smith, M.R. 1949c: 19; Kempf, 1951: 105; all subsequent authors except the above.

Cephalotes as junior synonym of *Cryptocerus*: Fabricius, 1804: 419 (priority error).

Junior synonyms of **CEPHALOTES**

Cryptocerus Latreille, 1803: 311. Type-species: *Formica atrata* Linnaeus, 1758: 581, by subsequent designation of Latreille, 1810: 437.

Taxonomic history

[Type-species not *Cryptocerus umbraculatus* Fabricius, 1804: 420, unjustified subsequent designation by Emery, 1914c: 38, repeated in Emery, 1924d: 305.]

Cryptocerus in Myrmicites: Lepeletier de Saint-Fargeau, 1835: 170.

Cryptocerus in Myrmicinae, Cryptoceridae: Smith, F. 1853: 214; Emery, 1877a: 81.

Cryptocerus in Poneridae, Cryptoceridae: Smith, F. 1858b: 187.

Cryptocerus in Cryptoceridae: Smith, F. 1876d: 605.

Cryptocerus in Cryptoceridae, Cryptocerinae: Ashmead, 1905b: 384.

Cryptocerus in Myrmicinae: Mayr, 1865: 25 [Myrmicidae]; Mayr, 1866b: 907 [Myrmicidae]; Dalla Torre, 1893: 140.

Cryptocerus in Myrmicinae, Cryptocerini: Forel, 1892d: 345; Forel, 1893a: 164; Forel, 1895b: 133; Emery, 1895j: 771; Forel, 1899c: 48; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 305; Wheeler, G.C. & Wheeler, J. 1976b: 59.

Cryptocerus as junior synonym of *Cephalotes*: Wheeler, W.M. 1913a: 78; Donisthorpe, 1943f: 635; Smith, M.R. 1949c: 19; Kempf, 1951: 105; all subsequent authors. [*Cephalotes* and *Cryptocerus* share the same type-species, synonymy is therefore absolute.]

[*Cryptocephalus*: incorrect subsequent spelling by Lowne, 1865b: 336, in the combination *Cryptocephalus pubescens* (current combination *Meranoplus pubescens* (Smith, F. 1853: 223): Bolton, 1981a: 47).]

Zacryptocerus Wheeler, W.M. 1911f: 175 (see 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.).]

Zacryptocerus in Myrmicinae, Cryptocerini: Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 304; all subsequent authors except the following; Dlussky & Fedoseeva, 1988: 79 (anachronism).

Zacryptocerus in Myrmicinae, Cephalotini: Kempf, 1951: 133; all subsequent authors.

Zacryptocerus as subgenus of *Cryptocerus*: Wheeler, W.M. 1916d: 326.

Zacryptocerus as genus: Emery, 1915i: 192; Santschi, 1916e: 283; Kempf, 1951: 136; all subsequent authors to the following.

Zacryptocerus as junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

Paracryptocerus Emery, 1915i: 192 [as subgenus of *Cryptocerus*]. Type-species: *Cryptocerus spinosus* Mayr, 1862: 761, by original designation.

Taxonomic history

Paracryptocerus in Myrmicinae, Cryptocerini: Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 306; Donisthorpe, 1943f: 680.

Paracryptocerus in Myrmicinae, Cephalotini: Smith, M.R. 1949c: 20; Kempf, 1951: 153; all subsequent authors.

Paracryptocerus as subgenus of *Cryptocerus*: Emery, 1915i: 192; Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 306.

Paracryptocerus as genus: Smith, M.R. 1949c: 20; Kempf, 1951: 153; Kempf, 1972a: 175.

Paracryptocerus as junior synonym of *Zacryptocerus*: Kempf, 1973c: 460; Smith, D.R. 1979: 1402.

Hypocryptocerus Wheeler, W.M. 1920: 53 [as subgenus of *Cryptocerus*]. Type-species: *Formica haemorrhoidalis* Latreille, 1802c: 276, by original designation.

Taxonomic history

Hypocryptocerus in Myrmicinae, Cryptocerini: Wheeler, W.M. 1922a: 665; Wheeler, W.M. 1936b: 200; Donisthorpe, 1943f: 652.

Hypocryptocerus in Myrmicinae, Cephalotini: Kempf, 1951: 143.

Hypocryptocerus as subgenus of *Cryptocerus*: Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 665.

Hypocryptocerus as genus: Wheeler, W.M. 1936b: 200; Kempf, 1951: 143; Kempf, 1972a: 120.

Hypocryptocerus as junior synonym of *Zacryptocerus*: Kempf, 1973c: 460; Smith, D.R. 1979: 1402.

Cyathomyrmex Creighton, 1933: 100 [as subgenus of *Cryptocerus*].

Taxonomic history

[Replacement name for *Cyathocephalus* Emery; junior homonym of *Cyathocephalus* Kessler, 1868: 135 (Cestoda).]

Cyathomyrmex in Myrmicinae, Cephalotini: Smith, M.R. 1949c: 21.

Cyathomyrmex as subgenus of *Cryptocerus*: Creighton, 1933: 100; Creighton, 1950a: 298.

Cyathomyrmex as subgenus of *Paracryptocerus*: Smith, M.R. 1949c: 21; Kempf, 1951: 156.

Cyathomyrmex as junior synonym of *Paracryptocerus*: Kempf, 1972a: 175.

Junior homonym replaced by *Cyathomyrmex*

Cyathocephalus Emery, 1915i: 192 [as subgenus of *Cryptocerus*]. Type-species: *Cryptocerus pallens* Klug, 1824: 206, by original designation.

Taxonomic history

[*Cyathocephalus* Emery junior homonym of *Cyathocephalus* Kessler, 1868: 135 (Cestoda).]

Cyathocephalus as subgenus of *Cryptocerus*: Emery, 1915i: 192; Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 311.

Harnedia Smith, M.R. 1949c: 20 [as subgenus of *Paracryptocerus*]. Type-species: *Cryptocerus umbraculatus* Fabricius, 1804: 420, by original designation.

Taxonomic history

Harnedia in Myrmicinae, Cephalotini: Smith, M.R. 1949c: 20; Kempf, 1951: 233.

Harnedia as subgenus of *Paracryptocerus*: Smith, M.R. 1949c: 20; Kempf, 1951: 233.

Harnedia as junior synonym of *Paracryptocerus*: Kempf, 1972a: 175.

Eucryptocerus Kempf, 1951: 127. Type-species: *Cryptocerus oculatus* Spinola, 1851b: 49, by original designation.

Taxonomic history

Eucryptocerus in Myrmicinae, Cephalotini: Kempf, 1951: 127; all subsequent authors except the following.

Eucryptocerus in Myrmicinae, Cryptocerini: Dlussky & Fedoseeva, 1988: 79 (anachronism).

Eucryptocerus as genus: Kempf, 1972a: 107; Kempf, 1973c: 460; Bolton, 1994: 105.

Eucryptocerus as junior synonym of *Cephalotes*: Brown, 1973b: 180 [provisional]; De Andrade & Baroni Urbani, 1999: 59.

****Exocryptocerus*** Vierbergen & Scheven, 1995: 159. Type-species: **Exocryptocerus serratus* Vierbergen & Scheven, 1995: 159, by original designation.

Taxonomic history

**Exocryptocerus* as junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

Cephalotes catalogues: Roger, 1863b: 38 (*Cryptocerus*); Mayr, 1863: 405 (*Cryptocerus*); Dalla Torre, 1893: 140 (*Cryptocerus*); Emery, 1924d: 303, 304, 305, 306, 308, 311 (*Cephalotes*, *Zacryptocerus*, *Cryptocerus*, *C.* (*Paracryptocerus*), *C.* (*Cryptocerus*), *C.* (*Cyathocephalus*)); Smith, M.R. 1951a: 825 (North America *Paracryptocerus* (*Harnedia*), *P.* (*Cyathomyrmex*)); Kempf, 1972a: 75, 107, 120, 175, 259 (Neotropical *Cephalotes*, *Eucryptocerus*, *Hypocryptocerus*, *Paracryptocerus*, *Zacryptocerus*); Smith, D.R. 1979: 1402 (North America *Zacryptocerus*); Brandão, 1991: 337, 343, 383 (*Cephalotes*, *Eucryptocerus*, *Zacryptocerus*); Bolton, 1995b: 140, 189, 424 (*Cephalotes*, *Eucryptocerus*, *Zacryptocerus*).

Cephalotes references: Smith, F. 1853: 215 (*Cryptocerus* diagnosis); Smith, F. 1858b: 187 (*Cryptocerus* diagnosis); Mayr, 1865: 25 (*Cryptocerus* diagnosis); Santschi, 1920f: 149 (*Cephalotes* species key); Wheeler, W.M. 1922a: 665 (*Cryptocerus* subgenera, key); Emery, 1924d: 303, 304, 305, 306, 308, 311 (*Cephalotes*, *Zacryptocerus*, *Cryptocerus*, subgenera key, *C.* (*Paracryptocerus*), *C.* (*Cryptocerus*), *C.* (*Cyathocephalus*) diagnoses); Smith, M.R. 1947a: 29 (U.S.A. *Cryptocerus*, *C.* (*Cyathomyrmex*) species); Creighton, 1950a: 296 (*Cryptocerus* Nearctic species key); Kempf, 1951: 107 (diagnoses, **all species revisions**; *Eucryptocerus* species key: 127; *Zacryptocerus* species key: 134; *Hypocryptocerus* species key: 143; *Paracryptocerus* species key: 153); Kempf, 1952: 5 (*Paracryptocerus* (*Harnedia*) *pinellii* complex revision, key); Kempf, 1958a: 10 (Argentina *Paracryptocerus* species key); Kempf, 1958a: 64 (*Paracryptocerus* subgenera, key); Kempf, 1958a: 66 (*Paracryptocerus* (*Harnedia*) **all species revision, key**); Kempf, 1958a: 145 (*Paracryptocerus* (*Cyathomyrmex*) **all species revision, key**); Kempf, 1960f: 443 (addition to 1958 key); Snelling, R.R. 1968a: 9 (*C. wheeleri* complex key); Kempf, 1974a: 73 (*Paracryptocerus* *pinellii* group key); Hölldobler & Wilson, 1990: 13 (synoptic classification); Bolton,

1994: 105 (synoptic classification); Bolton, 1995a: 1048 (census); De Andrade & Baroni Urbani, 1999: 736 (*Cephalotes* diagnosis, **all species revision, key**).

Genus **PROCRYPTOCERUS**

Procryptocerus Emery, 1887b: 470 (footnote). Type-species: *Meranoplus striatus* Smith, F. 1860c: 77, by subsequent designation of Wheeler, W.M. 1911f: 171.

Taxonomic history

Procryptocerus in Myrmicinae: Dalla Torre, 1893: 139.

Procryptocerus in Cryptoceridae, Cryptocerinae: Ashmead, 1905b: 384.

Procryptocerus in Myrmicinae, Cryptocerini: Forel, 1892d: 345; Forel, 1893a: 164; Forel, 1895b: 132; Emery, 1895j: 771; Forel, 1899c: 43; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 246; Wheeler, W.M. 1922a: 665; Emery, 1924d: 300; all subsequent authors to the entry below; Dlussky & Fedoseeva, 1988: 79 (anachronism).

Procryptocerus in Myrmicinae, Cephalotini: Kempf, 1951: 14; all subsequent authors except anachronism above.

Procryptocerus as genus: all authors.

Procryptocerus catalogues: Dalla Torre, 1893: 139; Emery, 1924d: 300; Kempf, 1972a: 211; Brandão, 1991: 373; Bolton, 1995b: 367.

Procryptocerus references: Mayr, 1870a: 413 (Colombia + Panama (= New Grenada) species key (as *Cataulacus*)); Emery, 1924d: 300 (diagnosis); Kempf, 1951: 15 (diagnosis, **all species revision, key**); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1052 (census); Longino & Snelling, 2002: 4 (Central America species key); Serna & Mackay, 2010: 7 (morphology); Serna, Bolton & Mackay, 2011: 67 (venation).

Tribe ATTINI

Attidae Smith, F. 1858b: 161. Type-genus: *Atta* Fabricius, 1804: 421.

Taxonomic history

Attini as subfamily of Formicidae: Smith, F. 1858b: 161 [Attidae]; Smith, F. 1862b: 34 [Attidae].

Attini as family: Smith, F. 1861b: 48 [Attidae]; Smith, F. 1863: 21 [Attidae].

Attini as group of Myrmicinae: Emery, 1877a: 72 [Attidae].

Attini as junior synonym of Myrmicinae: Emery & Forel, 1879a: 457 [Attidae].

Attini as subfamily of Myrmicinae: Emery, 1894g: 385 [Attinae].

Attini as tribe of Myrmicinae: Forel, 1891b: 143.

Attini as subfamily of Cryptoceridae: Ashmead, 1905b: 383 [Attinae].

Attini as tribe of Myrmicinae: Forel, 1892d: 344; Forel, 1893a: 163 [Attii]; Forel, 1895b: 137 [Attii]; Emery, 1895j: 770 [Attii]; Forel, 1899c: 30 [Attii]; Wheeler, W.M. 1910g: 141 [Attii]; Emery, 1913b: 251; Emery, 1914a: 39; Forel, 1917: 247; Wheeler, W.M. 1922a: 658; Emery, 1924d: 330; all subsequent authors.

Attini references: Emery, 1895j: 770 (diagnosis); Wheeler, W.M. 1907c: 669 (North America fauna); Wheeler, W.M. 1910g: 141 (diagnosis); Emery, 1912b: 101 (phylogeny); Emery, 1913b: 251 (synoptic classification); Emery, 1914a: 39, 42 (diagnosis (in key), synoptic classification); Gallardo, 1916d: 318 (Argentina genera, key); Forel, 1917: 247 (synoptic classification); Wheeler, W.M. 1922a: 668 (genera key); Emery, 1924d: 330 (diagnosis, genera key, catalogue); Kusnezov, 1964: 147 (phylogeny); Wheeler, G.C. & Wheeler, J. 1976b: 60 (larvae, review & synthesis); Kugler, C. 1978a: 477 (sting structure); Weber, 1982: 255 (synopsis); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 392 (Neotropical fauna, synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1040 (census); Bolton, 1995b: 9 (catalogue); Schultz & Meier, 1995: 337 (phylogeny, larvae); Lattke, 1999: 2 (phylogeny, partial); Brandão & Mayhé-Nunes, 2001: 661 (monophyly); Bolton, 2003: 56, 196 (diagnosis, synopsis); Fernández, 2003d: 310 (Neotropical genera); Klingenberg & Brandão, 2009: 5 (genera related to *Mycetophylax* key); Mehdiabadi & Schultz, 2009: 37 (natural history, phylogeny).

Genera of Attini: *Acromyrmex*, *Apterostigma*, *Atta*, *Cyatta*, *Cyphomyrmex*, *Kalathomyrmex*, *Mycetagoicus*, *Mycetarotes*, *Mycetophylax*, *Mycetosoritis*, *Mycocepurus*, *Myrmicocrypta*, *Paramycetophylax*, *Pseudoatta*, *Sericomyrmex*, *Trachymyrmex*.

Ichnotaxon: **Attaichnus*.

Genera of Attini

Genus **ACROMYRMEX**

Acromyrmex Mayr, 1865: 83 [as subgenus of *Atta*]. Type-species: *Formica hystrix* Latreille, 1802c: 230, by monotypy.

Taxonomic history

Acromyrmex in Cryptoceridae, Attinae: Ashmead, 1905b: 384.

Acromyrmex in Myrmicinae, Attini: Emery, 1895j: 770; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 347; all subsequent authors.

Acromyrmex as subgenus of *Atta*: Mayr, 1865: 83; Forel, 1885a: 354; Dalla Torre, 1893: 151; Forel, 1893a: 163; Emery, 1895j: 770; Forel, 1899c: 30; Emery, 1905c: 39; Wheeler, W.M. 1907c: 670; Wheeler, W.M. 1910g: 141; Wheeler, W.M. 1922a: 669.

Acromyrmex as genus: Emery, 1913b: 251; Forel, 1917: 247; Emery, 1924d: 347; Santschi, 1925a: 355; all subsequent authors.

Subgenera of *ACROMYRMEX* include the nominal plus the following.

Subgenus *ACROMYRMEX (MOELLERIUS)*

Moellerius Forel, 1893e: 589 [as subgenus of *Atta*]. Type-species: *Atta (Acromyrmex) landolti* Forel, 1885a: 357, by subsequent designation of Wheeler, W.M. 1911f: 167.

Taxonomic history

Moellerius as subgenus of *Atta*: Forel, 1893e: 589; Forel, 1899c: 30; Emery, 1905c: 39; Wheeler, W.M. 1907c: 669; Wheeler, W.M. 1910g: 141; Wheeler, W.M. 1922a: 669.

Moellerius as junior synonym of *Acromyrmex*: Brown, 1973b: 182 [provisional].

Moellerius as subgenus of *Acromyrmex*: Emery, 1913b: 251; Forel, 1917: 247; Emery, 1924d: 350; all subsequent authors except the above.

***Acromyrmex* catalogues:** Emery, 1924d: 347, 350 (*Acromyrmex, A. (Moellerius)*); Smith, M.R. 1951a: 831 (North America); Kempf, 1972a: 10 (Neotropical); Alayo, 1974: 42 (Cuba); Smith, D.R. 1979: 1412 (North America); Bolton, 1995b: 54.

***Acromyrmex* references:** Forel, 1885a: 361 (all species key); Emery, 1905c: 40 (all species key); Gallardo, 1916d: 325 (Argentina species key); Emery, 1924d: 347, 350 (*Acromyrmex, A. (Moellerius)* diagnoses); Santschi, 1925a: 388 (all species revision, key); Creighton, 1950a: 326 (**Nearctic species key**); Kusnezov, 1956: 33 (Argentina species key); Gonçalves, 1961: 118 (Brazil species revision, key); Zolessi & Abenante, 1977: 73 (Uruguay species, male genitalia); Fowler, 1988: 284 (*A. (Moellerius)* species key); Cherrett & Cherrett, 1989: 1 (bibliography); Bolton, 1995a: 1047 (census).

Genus *APTEROSTIGMA*

Apterostigma Mayr, 1865: 111. Type-species: *Apterostigma pilosum* Mayr, 1865: 113, by monotypy.

Taxonomic history

Apterostigma in Myrmicinae: Mayr, 1865: 25 [Myrmicidae]; Dalla Torre, 1893: 149.

Apterostigma in Myrmicinae, Pheidolini: Emery, 1877a: 81 [Pheidolidae].

Apterostigma in Cryptoceridae, Attinae: Ashmead, 1905b: 384.

Apterostigma in Myrmicinae, Attini: Forel, 1893a: 164; Emery, 1895j: 770; Forel, 1899c: 37; Wheeler, W.M. 1910g: 141; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 337; all subsequent authors.

Apterostigma as genus: all authors.

Apterostigma catalogues: Dalla Torre, 1893: 149; Emery, 1924d: 337; Kempf, 1972a: 23; Brandão, 1991: 326; Bolton, 1995b: 74.

Apterostigma references: Wheeler, W.M. 1911h: 207 (species key); Emery, 1924d: 337 (diagnosis); Bolton, 1995a: 1048 (census); Lattke, 1997: 121 (diagnosis, **all species revision, key**).

Genus **ATTA**

Atta Fabricius, 1804: 421. Type-species: *Formica cephalotes* Linnaeus, 1758: 581, by subsequent designation of Wheeler, W.M. 1911f: 159.

Taxonomic history

Atta in Myrmicites: Lepeletier de Saint-Fargeau, 1835: 172.

Atta in Poneridae, Attidae: Smith, F. 1858b: 161.

Atta in Myrmicinae: Mayr, 1855: 459 [Myrmicinae]; Smith, F. 1857a: 77 [Myrmicinae]; Mayr, 1861: 65 [Myrmicinae]; Mayr, 1865: 18 [Myrmicinae]; Smith, F. 1871a: 333 [Myrmicinae]; Cresson, 1887: 259 [Myrmicinae]; Dalla Torre, 1893: 150.

Atta in Cryptoceridae, Attinae: Ashmead, 1905b: 384.

Atta in Myrmicinae, Attini: Emery, 1877a: 81 [Myrmicinae, Attidae]; Forel, 1893a: 163; Emery, 1895j: 770; Forel, 1899c: 30; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 352; all subsequent authors.

Atta as genus: all authors.

Junior synonyms of **ATTA**

Myrmegis Rafinesque, 1815: 124. *Nomen nudum*.

Taxonomic history

[Brown, 1973b: 182, placed *Myrmegis* as a junior synonym of *Atta*, because the entry in Rafinesque reads, "6. *Myrmegis* R. *Atta* Latr."]

Oecodoma Latreille, 1818: 222. Type-species: *Formica cephalotes* Linnaeus, 1758: 581, by subsequent designation of Shuckard, in Swainson & Shuckard, 1840: 174.

Taxonomic history

Oecodoma in Myrmicites: Lepeletier de Saint-Fargeau, 1835: 176.

Oecodoma in Poneridae, Attidae: Smith, F. 1858b: 180.

Oecodoma as junior synonym of *Atta*: Roger, 1863b: 35. [*Atta* and *Oecodoma* share the same type-species, synonymy is therefore absolute.]

[*Ociodoma*: incorrect subsequent spelling by Jerdon, 1851: 107 and Jerdon, 1854: 49.]

Archeatta Gonçalves, 1942: 342 [as subgenus of *Atta*]. Type-species: *Oecodoma mexicana* Smith, F. 1858b: 185, by original designation.

Taxonomic history

Archeatta as subgenus of *Atta*: Gonçalves, 1942: 342; Borgmeier, 1959b: 350; Kempf, 1972a: 27.

Archeatta as junior synonym of *Atta*: Smith, M.R. 1951a: 832; Weber, 1958a: 8; Brown, 1973b: 178 [provisional]; Bolton, 1994: 105.

Neoatta Gonçalves, 1942: 346 [as subgenus of *Atta*]. Type-species: *Formica sexdens* Linnaeus, 1758: 581, by original designation.

Taxonomic history

Neoatta as subgenus of *Atta*: Gonçalves, 1942: 346; Borgmeier, 1959b: 358; Kempf, 1972a: 27.

Neoatta as junior synonym of *Atta*: Weber, 1958a: 8; Brown, 1973b: 183 [provisional]; Bolton, 1994: 105.

Palaeatta Borgmeier, 1950d: 244 [as subgenus of *Atta*]. Type-species: *Atta sexdens bisphaerica* Forel, 1908c: 348, by original designation.

Taxonomic history

Palaeatta as subgenus of *Atta*: Borgmeier, 1950d: 244; Borgmeier, 1959b: 377; Kempf, 1972a: 28.

Palaeatta as junior synonym of *Atta*: Weber, 1958a: 8; Brown, 1973b: 183 [provisional]; Bolton, 1994: 105.

Epiatta Borgmeier, 1950d: 246 [as subgenus of *Atta*]. Type-species: *Oecodoma laevigata* Smith, F. 1858b: 182, by original designation.

Taxonomic history

Epiatta as junior synonym of *Atta*: Weber, 1958a: 8.

Epiatta as junior synonym of *Neoatta*: Borgmeier, 1959b: 358.

Atta catalogues: Roger, 1863b: 35; Mayr, 1863: 395, 437 (*Atta*, *Oecodoma*); Cresson, 1887: 259 (U.S.A.); Dalla Torre, 1893: 150; Emery, 1924d: 352; Chapman & Capco, 1951: 82 (Asia, anachronisms); Smith, M.R. 1951a: 832 (North America); Kempf, 1972a: 26 (Neotropical); Smith, D.R. 1979: 1413 (North America); Brandão, 1991: 328; Bolton, 1995b: 75.

Atta references: Mayr, 1855: 459 (diagnosis); Smith, F. 1858b: 161, 180 (*Atta*, *Oecodoma* diagnoses); Mayr, 1861: 66 (Europe *Atta* species key (*recte Aphaenogaster + Messor*))); Mayr, 1865: 18 (diagnosis); Gallardo, 1916d: 340 (Argentina species key); Emery, 1924d: 352 (diagnosis); Gonçalves, 1942: 334 (all species key); Gonçalves, 1947a: 186 (south & central Brazil species key); Borgmeier, 1959b: 335 (subgenera key); Borgmeier, 1959b: 337 (diagnosis, **all species revision, key**); Mackay & Mackay, 1988: 25 (Colombia species key); Cherrett & Cherrett, 1989: 1 (bibliography); Bolton, 1995a: 1048 (census).

Genus **CYATTA**

Cyatta Sosa-Calvo, Schultz, *et al.* 2013: 4. Type-species: *Cyatta abscondita* Sosa-Calvo, Schultz, *et al.* 2013: 5, by original designation.

Taxonomic history

Cyatta in Myrmicinae, Attini: Sosa-Calvo, Schultz, *et al.* 2013: 9.

Genus **CYPHOMYRMEX**

Cyphomyrmex Mayr, 1862: 651 (diagnosis in key), 690. Type-species: *Cyphomyrmex minutus* Mayr, 1862: 691, by monotypy.

Taxonomic history

[Type-species not *Cryptocerus rimosus* Spinola, 1851b: 49, unjustified subsequent designation by Wheeler, W.M. 1911f: 161. Type-species not *Meranoplus difformis* Smith, F. 1858b: 195, unjustified subsequent designation by Emery, 1924d: 340.]

Cyphomyrmex in Formicinae: Mayr, 1862: 651 (in key) [Formicidae].

Cyphomyrmex in Myrmicinae, Cryptoceridae: Emery, 1877a: 81.

Cyphomyrmex in Myrmicinae: Mayr, 1865: 25 [Myrmicinae]; Dalla Torre, 1893: 149.

Cyphomyrmex in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Cyphomyrmex in Myrmicinae, Attini: Forel, 1893a: 164; Emery, 1895j: 770; Forel, 1899c: 40; Wheeler, W.M. 1907c: 670; Wheeler, W.M. 1910g: 141; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 339; all subsequent authors.

Cyphomyrmex as junior synonym of *Cataulacus*: Roger, 1863b: 39.

Cyphomyrmex as subgenus of *Atta*: Forel, 1912e: 188.

Cyphomyrmex as genus: Mayr, 1862: 690; Mayr, 1863: 406; Dalla Torre, 1893: 149; Emery, 1913b: 251; Bruch, 1914: 217; Emery, 1914a: 42; Wheeler, W.M. 1922a: 669; Emery, 1924d: 339; all subsequent authors.

Junior synonym of **CYPHOMYRMEX**

Cyphomannia Weber, 1938b: 183 [as subgenus of *Cyphomyrmex*]. Type-species: *Cyphomyrmex (Cyphomannia) laevigatus* Weber, 1938b: 184, by original designation.

Taxonomic history

Cyphomannia as subgenus of *Cyphomyrmex*: Weber, 1938b: 183; Weber, 1966: 166.

Cyphomannia as junior synonym of *Cyphomyrmex*: Kempf, 1962b: 29; Kempf, 1968a: 39; Kempf, 1972a: 92; Bolton, 1994: 105.

***Cyphomyrmex* catalogues:** Mayr, 1863: 406; Dalla Torre, 1893: 149; Emery, 1924d: 340; Smith, M.R. 1951a: 829 (North America); Kempf, 1972a: 92 (Neotropical); Smith, D.R. 1979: 1410 (North America); Brandão, 1991: 339 (Neotropical); Bolton, 1995b: 167.

***Cyphomyrmex* references:** Mayr, 1865: 25 (diagnosis); Mayr, 1887: 556 (all species key); Emery, 1924d: 340 (diagnosis, subgenera key); Kusnezov, 1949d: 436 (Argentina species key); Weber, 1940a: 408 (all species key); Creighton, 1950a: 316 (**Nearctic species key**); Kusnezov, 1957b: 9 (Neotropical species, partial key); Kempf, 1962b: 30 (species groups); Kempf, 1964d: 5 (*C. strigatus* group revision, key); Kempf, 1966: 161 (*C. rimosus* group revision, key); Snelling, R.R. & Longino, 1992: 480 (*C. rimosus* group revision, key); Bolton, 1995a: 1049 (census); Mackay & Mackay, 2002: 38 (U.S.A., New Mexico species key).

Genus **KALATHOMYRMEX**

Kalathomyrmex Klingenberg & Brandão, 2009: 21. Type-species: *Myrmicocrypta emeryi* Forel, 1907f: 144, by original designation.

Taxonomic history

Kalathomyrmex in Myrmicinae, Attini: Klingenberg & Brandão, 2009: 21.

Kalathomyrmex as genus: all authors.

Genus **MYCETAGROICUS**

Mycetagoicus Brandão & Mayhé-Nunes, 2001: 641. Type-species: *Mycetagoicus cerradensis* Brandão & Mayhé-Nunes, 2001: 644, by original designation.

Taxonomic history

Mycetagoicus in Myrmicinae, Attini: Brandão & Mayhé-Nunes, 2001: 639.

***Mycetagoicus* references:** Brandão & Mayhé-Nunes, 2001: 643 (**all species key**); Brandão & Mayhé-Nunes, 2008: 350 (**all species key**).

Mycetagoicus as genus: all authors.

Genus **MYCETAROTES**

Mycetarotes Emery, 1913b: 251 [as subgenus of *Cyphomyrmex*]. Type-species: *Cyphomyrmex parallelus* Emery, 1906c: 161, by original designation.

Taxonomic history

Mycetarotes in Myrmicinae, Attini: Emery, 1913b: 251; Emery, 1924d: 342; all subsequent authors.

Mycetarotes as subgenus of *Cyphomyrmex*: Emery, 1913b: 251; Forel, 1917: 247; Emery, 1924d: 342.

Mycetarotes as genus: Borgmeier, 1950b: 384; all subsequent authors.

Mycetarotes catalogues: Emery, 1924d: 342; Kempf, 1972a: 144; Bolton, 1995b: 268.

Mycetarotes references: Emery, 1924d: 342 (diagnosis); Kempf, 1960d: 279 (**review of genus, key**); Bolton, 1995a: 1050 (census); Mayhé-Nunes, 1995: 197 (review of genus); Mayhé-Nunes & Brandão, 2006: 464 (**all species revision, key**).

Genus **MYCETO(*PHYLAX*)**

Mycetophylax Emery, 1913b: 251 [as subgenus of *Cyphomyrmex*]. Type-species: *Myrmicocrypta brittoni* Wheeler, W.M. 1907c: 728 (junior synonym of *Cyphomyrmex conformis* Mayr, 1884: 38), by original designation.

Taxonomic history

Mycetophylax in Myrmicinae, Attini: Emery, 1913b: 251; Emery, 1924d: 343; all subsequent authors.

Mycetophylax as subgenus of *Cyphomyrmex*: Emery, 1913b: 251; Forel, 1917: 247; Emery, 1924d: 343; Donisthorpe, 1943f: 663.

Mycetophylax as subgenus of *Myrmicocrypta*: Gallardo, 1916d: 320.

Mycetophylax as genus: Santschi, 1923c: 268; Weber, 1958d: 262; Kusnezov, 1964: 63; Kempf, 1972a: 145; all subsequent authors.

[*Mycetopurus*: incorrect subsequent spelling by Santschi, 1925b: 17. (Perhaps a combination in error of *Myceto(phylax)* + (*Mycoco*)*purus*: Bolton, 1995b: 36.)]

Mycetophylax catalogues: Emery, 1924d: 343; Kempf, 1972a: 145; Brandão, 1991: 357; Bolton, 1995b: 268.

Mycetophylax references: Santschi, 1922b: 357 (species key); Emery, 1924d: 343 (diagnosis); Bolton, 1995a: 1050 (census); Klingenberg & Brandão, 2009: 7 (diagnosis, **all species key**); Cardoso, et al. 2014: 378 (phylogeny).

Genus **MYCETOSORITIS**

Mycetosoritis Wheeler, W.M. 1907c: 714 [as subgenus of *Atta*]. Type-species: *Atta (Mycetosoritis) hartmanni* Wheeler, W.M. 1907c: 714, by monotypy.

Taxonomic history

Mycetosoritis in Myrmicinae, Attini: Emery, 1913b: 251; Wheeler, W.M. 1922a: 669; Emery, 1924d: 343; all subsequent authors.

Mycetosoritis as subgenus of *Atta*: Wheeler, W.M. 1907c: 670; Wheeler, W.M. 1910g: 141.

Mycetosoritis as subgenus of *Cyphomyrmex*: Emery, 1913b: 251; Forel, 1917: 247; Emery, 1924d: 343; Donisthorpe, 1943f: 663; Kusnezov, 1949d: 444; Kusnezov, 1956: 23.

Mycetosoritis as subgenus of *Trachymyrmex*: Wheeler, W.M. 1922a: 669.

Mycetosoritis as genus: Creighton, 1950a: 317; Kempf, 1972a: 146; all subsequent authors.

Mycetosoritis catalogues: Smith, M.R. 1951a: 830 (North America); Kempf, 1972a: 146; Smith, D.R. 1979: 1410 (North America); Bolton, 1995b: 269.

Mycetosoritis references: Bolton, 1995a: 1050 (census).

Genus **MYCOCEPURUS**

Mycocepurus Forel, 1893e: 602 [as subgenus of *Atta*]. Type-species: *Atta (Mycocepurus) smithii* Forel, 1893g: 370, by subsequent designation of Wheeler, W.M. 1911f: 167.

Taxonomic history

[*Mycocepurus* Forel, 1893a: 164, *nomen nudum*. *Mycocepurus* also described as new by Forel, 1893g: 369.]

Mycocepurus in Myrmicinae: Forel, 1893g: 369.

Mycocepurus in Cryptoceridae, Dacetonini: Ashmead, 1905b: 384.

Mycocepurus in Myrmicinae, Attini: Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 334; all subsequent authors.

Mycocepurus as subgenus of *Atta*: Forel, 1893e: 602; Forel, 1893g: 369; Wheeler, W.M. 1907c: 670; Wheeler, W.M. 1910g: 141.

Mycocepurus as genus: Wheeler, W.M. 1911f: 167; Emery, 1913b: 251; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 334; all subsequent authors.

[*Mycetopurus* Santschi, 1925b: 17, incorrect subsequent spelling. (Perhaps a combination in error of *Myceto(phylax)* + (*Mycoce*)*purus*: Bolton, 1995b: 36).]

Junior synonym of *MYCOCEPURUS*

Descolemyrma Kusnezov, 1951d: 460. Type-species: *Descolemyrma ogloblini* Kusnezov, 1951d: 460 (junior synonym of *Atta (Mycocepurus) goeldii* Forel, 1893g: 370 (footnote)), by monotypy.

Taxonomic history

Descolemyrma in Myrmicinae, Attini: Kusnezov, 1951d: 460.

Descolemyrma as junior synonym of *Mycocepurus*: Kempf, 1963b: 417.

Mycocepurus catalogues: Emery, 1924d: 334; Kempf, 1972a: 146; Brandão, 1991: 358; Bolton, 1995b: 269.

Mycocepurus references: Emery, 1924d: 334 (diagnosis); Kempf, 1963b: 417 (diagnosis, **all species revision**); Bolton, 1995a: 1050 (census); Mayhé-Nunes & Meneguete, 2000: 6 (**all species key**); Mackay, Maes, *et al.* 2004: 2 (North and Central America species key).

Genus *MYRMICOCRYPTA*

Myrmicocrypta Smith, F. 1860c: 73. Type-species: *Myrmicocrypta squamosa* Smith, F. 1860c: 74, by monotypy.

Taxonomic history

Myrmicocrypta in Myrmicinae: Mayr, 1865: 25 [Myrmicinae]; Dalla Torre, 1893: 150.

Myrmicocrypta in Cryptoceridae, Attinae: Ashmead, 1905b: 384.

Myrmicocrypta in Myrmicinae, Attini: Forel, 1893a: 164; Emery, 1895j: 770; Forel, 1899c: 38; Wheeler, W.M. 1910g: 141; Emery, 1913b: 251; Emery, 1914a: 42; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 335; all subsequent authors.

Myrmicocrypta as genus: all authors.

Junior synonym of *MYRMICOCRYPTA*

Glyptomyrmex Forel, 1885a: 365. Type-species: *Glyptomyrmex dilaceratum* Forel, 1885a: 365, by monotypy.

Taxonomic history

Glyptomyrmex in Myrmicinae: Dalla Torre, 1893: 149.

Glyptomyrmex in Myrmicinae, Attini: Forel, 1892d: 344; Forel, 1893a: 164.

Glyptomyrmex as genus: Forel, 1892d: 344; Forel, 1893a: 164 Dalla Torre, 1893: 149.

Glyptomyrmex as junior synonym of *Myrmicocrypta*: Emery, 1894c: 224, all subsequent authors.

Myrmicocrypta catalogues: Roger, 1863b: 35; Mayr, 1863: 436; Dalla Torre, 1893: 149, 150 (*Glyptomyrmex*, *Myrmicocrypta*); Emery, 1924d: 335; Kempf, 1972a: 151; Bolton, 1995b: 286.

Myrmicocrypta references: Mayr, 1865: 25 (diagnosis); Emery, 1924d: 335 (diagnosis); Bolton, 1995a: 1051 (census); Sosa-Calvo & Schultz, 2010: 183 (diagnosis).

Genus **PARAMYCETOPHYLAX**

Paramycetophylax Kusnezov, 1956: 24 (diagnosis in key). Type-species: *Sericomyrmex bruchi* Santschi, 1916e: 383, by original designation.

Taxonomic history

Paramycetophylax as junior synonym of *Mycetophylax*: Weber, 1958d: 262.

Paramycetophylax as genus: Klingenberg & Brandão, 2009: 26.

Genus **PSEUDOATTA**

Pseudoatta Gallardo, 1916d: 320. Type-species: *Pseudoatta argentina* Gallardo, 1916d: 321, by monotypy.

Taxonomic history

Pseudoatta in Myrmicinae, Attini: Emery, 1924d: 346; all subsequent authors.

Pseudoatta as junior synonym of *Acromyrmex*: Brown, 1973b: 184 [provisional].

Pseudoatta catalogues: Emery, 1924d: 346; Kempf, 1972a: 214; Bolton, 1995b: 369.

Pseudoatta references: Emery, 1924d: 346 (diagnosis); Bolton, 1995a: 1052 (census).

Genus **SERICOMYRMEX**

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

Taxonomic history

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

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

Sericomyrmex in Cryptoceridae, Attinae: Ashmead, 1905b: 384.

Sericomyrmex in Myrmicinae, Attini: Forel, 1893a: 164; Emery, 1895j: 770; 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; all subsequent authors.

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); Bolton, 1995a: 1052 (census).

Genus **TRACHYMYRMEX**

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: 384.

Trachymyrmex in Myrmicinae, Attini: Emery, 1895j: 770; Emery, 1913b: 251; Forel, 1917: 247; Wheeler, W.M. 1922a: 669; Emery, 1924d: 344; all subsequent authors.

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: Gallardo, 1916b: 242; Gallardo, 1916d: 318; Wheeler, W.M. 1916c: 11; Wheeler, W.M. 1922a: 669; Borgmeier, 1927c: 128; Borgmeier, 1950b: 384; Kusnezov, 1964: 63; Kempf, 1972a: 252.

***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, Cover, et al. 2007: 4 (**Nearctic species, key**).

Ichnotaxon attached to Attini

Ichnogenus **ATTAICHNUS*

**Attaichnus* Laza, 1982: 112. Included ichnospecies: **Attaichnus kuenzelii*. [Ichnofossil, purportedly fossil traces of workings attributable to attine ants.]

Tribe BLEPHARIDATTINI

Blepharidattini Wheeler, G.C. & Wheeler, J. 1991a: 133. Type-genus: *Blepharidatta* Wheeler, W.M. 1915e: 484.

Taxonomic history

Blepharidattini as tribe of Myrmicinae: Wheeler, G.C. & Wheeler, J. 1991a: 133; Bolton, 1994: 105; Bolton, 1995b: 9.

Blepharidattini references: Bolton, 2003: 57, 201 (diagnosis, synopsis); Fernández, 2003d: 314 (Neotropical genera).

Genera of Blepharidattini: *Blepharidatta*, *Wasmannia*.

Genus BLEPHARIDATTA

Blepharidatta Wheeler, W.M. 1915e: 484. Type-species: *Blepharidatta brasiliensis* Wheeler, W.M. 1915e: 484, by monotypy.

Taxonomic history

Blepharidatta in Myrmicinae, Attini: Wheeler, W.M. 1915e: 486; Gallardo, 1916d: 318; Forel, 1917: 247; Wheeler, W.M. 1922a: 668.

Blepharidatta in Myrmicinae, Dacetini: Emery, 1924d: 315; Donisthorpe, 1943f: 628.

Blepharidatta in Myrmicinae, Ochetomyrmecini: Brown, 1953h: 4; Kusnezov, 1964: 59; Kempf, 1972a: 37.

Blepharidatta in Myrmicinae, Blepharidattini: Wheeler, G.C. & Wheeler, J. 1991a: 133; Bolton, 1994: 105.

Blepharidatta incertae sedis in Myrmicinae: Kempf, 1975c: 358; Jaffe, 1993: 12.

Blepharidatta as junior synonym of *Ochetomyrmex*: Brown, 1973b: 179 [provisional].

Blepharidatta as genus: Kempf, 1975c: 369; Wheeler, G.C. & Wheeler, J. 1991a: 132; Bolton, 1994: 100.

Blepharidatta catalogues: Emery, 1924d: 315; Kempf, 1972a: 37; Bolton, 1995b: 80.

Blepharidatta references: Emery, 1924d: 315 (diagnosis); Kempf, 1975c: 369 (review); Wheeler, G.C. & Wheeler, J. 1991a: 132 (review); Bolton, 1995a: 1048 (census).

Genus **WASMANNIA**

Wasmaniella Forel, 1893g: 383. Type-species: *Tetramorium auropunctatum* Roger, 1863a: 182, by subsequent designation of Wheeler, W.M. 1911f: 174.

Taxonomic history

Wasmaniella in Myrmicinae: Forel, 1893g: 383.

Wasmaniella in Myrmicinae, Myrmicini: Forel, 1895b: 126; Forel, 1899c: 54.

Wasmaniella in Myrmicinae, Attini: Emery, 1895j: 770.

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

Wasmaniella in Myrmicinae, Tetramoriini: Wheeler, W.M. 1910g: 141.

Wasmaniella in Myrmicinae, Ochetomyrmecini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664, 912; Emery, 1924d: 293; all subsequent authors to the following.

Wasmaniella incertae sedis in Myrmicinae: Kempf, 1975c: 358; Jaffe, 1993: 12.

Wasmaniella in Myrmicinae, Blepharidattini: Bolton, 1994: 105.

Wasmaniella as junior synonym of *Ochetomyrmex*: Brown, 1973b: 185 [provisional].

Wasmaniella as genus: Kempf, 1975c: 357; Snelling, R.R. 1981: 398; Bolton, 1994: 100, 102.

Junior synonym of **WASMANNIA**

Hercynia Enzmann, J. 1947a: 43. Type-species: *Hercynia panamana* Enzmann, J. 1947a: 44 (junior synonym of *Tetramorium auropunctatum* Roger, 1863a: 182), by monotypy.

Taxonomic history

Hercynia as junior synonym of *Wasmaniella*: Brown, 1948d: 102.

Wasmaniella 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.

Wasmannia references: Emery, 1924d: 293 (diagnosis,); Kusnezov, 1952e: 181 (Argentina species key); Bolton, 1995a: 1053 (census); Longino & Fernández, 2007: 273 (**all species revision, key**).

Tribe STENAMMINI

Stenammini Ashmead, 1905b: 383. Type-genus: *Stenamma* Westwood, 1839: 219.

Taxonomic history

Stenammini as subtribe of Pheidolini: Emery, 1921f: 52.

Stenammini as subtribe of Myrmicini: Emery, 1924d: 357.

Stenammini as tribe of Myrmicinae: Ashmead, 1905b: 383; Bolton, 1994: 106; Bolton, 2003: 58.

Junior synonyms of STENAMMINI

Proattini Forel, 1917: 232. Type-genus: *Proatta* Forel, 1912m: 768.

Taxonomic history

Proattini as tribe of Myrmicinae: Forel, 1917: 232; Wheeler, W.M. 1922a: 658.

Proattini as subtribe of Attini: Emery, 1924d: 333.

Proattini as junior synonym of Stenammini: Bolton, 1994: 106.

Calyptomyrmecini Dlussky & Fedoseeva, 1988: 80. Type-genus: *Calyptomyrmex* Emery, 1887b: 471.

Taxonomic history

Calyptomyrmecini as tribe of Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

Calyptomyrmecini as junior synonym of Stenammini: Bolton, 1994: 106.

Stenammini references: Emery, 1921f: 52 (diagnosis, catalogue); Bolton, 1994: 106 (synoptic classification); Bolton, 1995a: 1042 (census); Bolton, 1995b: 16 (catalogue); Bolton, 2003: 58, 202 (diagnosis, synopsis); Fernández, 2003d: 325 (Neotropical genera); Xu, 2012b: 333 (genera key).

Genera of Stenammini: *Ancyridris*, *Austromorium*, *Bariamyrrma*, **Boltonidris*, *Calyptomyrmex*, *Cyphoidris*, *Dacatria*, *Dacetinops*, *Dicroaspis*, *Gaoligongidris*, *Indomyrrma*, *Lachnomyrmex*, *Lasiomyrrma*, *Lordomyrrma*, *Proatta*, *Propodilobus*, *Rogeria*, *Rostromyrmex*, *Stenamma*, *Tetreamyrrma*, *Vollenhovia*.

Genus incertae sedis in Stenammini: **Illeomyrmex*.

Genera of Stenammini

Genus *ANCYRIDRIS*

Ancyridris Wheeler, W.M. 1935a: 1. Type-species: *Ancyridris polyrhachioides* Wheeler, W.M. 1935a: 2, by original designation.

Taxonomic history

Ancyridris in Myrmicinae, Pheidolini: Wheeler, W.M. 1935a: 5.

Ancyridris in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 63.

Ancyridris as junior synonym of *Lordomyrma*: Brown, 1973b: 178 [provisional].

Ancyridris as genus: Bolton, 1994: 90.

***Ancyridris* references:** Taylor, 2009: 24 (notes).

Genus *AUSTROMORIUM*

Austromorium Shattuck, 2009b: 63. Type-species: *Xiphomyrmex flavigaster* Clark, 1938: 366, by original designation.

Taxonomic history

Austromorium in Myrmicinae Stenammini: Shattuck, 2009b: 62.

***Austromorium* references:** Shattuck, 2009b: 65 (all species key).

Genus *BARIAMYRMA*

Bariamyrmra Lattke, 1990a: 173. Type-species: *Bariamyrmra hispidula* Lattke, 1990a: 174, by original designation.

Taxonomic history

Bariamyrmra in Myrmicinae, Leptocephalini: Jaffe, 1993: 11.

Bariamyrmra in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1048; Bolton, 1995b: 80.

Bariamyrmra as genus: all authors.

Genus **BOLTONIDRIS*

**Boltonidris* Radchenko & Dlussky, 2012: 628. Type-species: **Boltonidris mirabilis* Radchenko & Dlussky, 2012: 628, by original designation.

Taxonomic history

**Boltonidris* in Myrmicinae, Stenammini: Radchenko & Dlussky, 2012: 628.

Genus **CALYPTOMYRMEX**

Calyptomyrmex Emery, 1887b: 471. Type-species: *Calyptomyrmex beccarii* Emery, 1887b: 472, by monotypy.

Taxonomic history

Calyptomyrmex in Myrmicinae: Dalla Torre, 1893: 136.

Calyptomyrmex in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Wheeler, W.M. 1910g: 141.

Calyptomyrmex in Cryptoceridae, Cataulacinae: Ashmead, 1905b: 384.

Calyptomyrmex in Myrmicinae, Meranoplini: Emery, 1914a: 41; Forel, 1917: 244; Arnold, 1917: 360; Wheeler, W.M. 1922a: 664; Emery, 1924d: 224; Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 7 (in key); all subsequent authors to the following.

Calyptomyrmex in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Calyptomyrmex in Myrmicinae, Stenammini: Bolton, 1994: 106.

Calyptomyrmex as genus: all authors.

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.

***Calyptomyrmex* catalogues:** Dalla Torre, 1893: 136; Wheeler, W.M. 1922a: 886 (Afrotropical); Emery, 1924d: 224; Chapman & Capco, 1951: 111 (Asia); Taylor & Brown, D.R. 1985: 55 (Australia); Bolton, 1995b: 83.

***Calyptomyrmex* references:** Arnold, 1917: 360 (diagnosis); Emery, 1924d: 224 (diagnosis); Baroni Urbani, 1975a: 410 (**Oriental species revision, key**); Bolton, 1981a: 61 (diagnosis, **Afrotropical species revision, key**); Bolton, 1995a: 1048 (census); Shattuck, 1999: 128 (Australia synopsis); Shattuck, 2011: 3 (**S.E. Asia and Oceania species revision, key**).

Genus *CYPHOIDRIS*

Cyphoidris Weber, 1952a: 26. Type-species: *Cyphoidris spinosus* Weber, 1952a: 26, by original designation.

Taxonomic history

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

Cyphoidris in Myrmicinae, Stenammini: Bolton, 1994: 106.

Cyphoidris as junior synonym of *Lordomyrma*: Brown, 1973b: 179 [provisional].

Cyphoidris as genus: Bolton, 1981b: 257; Bolton, 1994: 82.

***Cyphoidris* catalogues:** Bolton, 1995b: 167.

***Cyphoidris* references:** Bolton, 1981b: 257 (diagnosis, **all species revision, key**); Bolton, 1995a: 1049 (census); Taylor, 2009: 25 (notes).

Genus *DACATRIA*

Dacatria Rigato, 1994b: 155. Type-species: *Dacatria templaris* Rigato, 1994b: 157, by original designation.

Taxonomic history

Dacatria in Myrmicinae, Proattini: Rigato, 1994b: 161.

Dacatria in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 168.

Dacatria as genus: all authors.

Genus *DACETINOPS*

Dacetinops Brown & Wilson, 1957a: 1. Type-species: *Dacetinops cibdela* Brown & Wilson, 1957: 4, by original designation.

Taxonomic history

Dacetinops in Myrmicinae, Leptothoracini: Wheeler, G.C. & Wheeler, J. 1985: 257.

Dacetinops incertae sedis in Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

Dacetinops in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1049; Bolton, 1995b: 168.

Dacetinops as genus: all authors.

***Dacetinops* catalogues:** Bolton, 1995b: 168.

Dacetinops references: Taylor, 1985: 49 (all species revision, key).

Genus **DICROASPIS**

Dicroaspis Emery, 1908b: 184. Type-species: *Dicroaspis cryptocera* Emery, 1908b: 185, by monotypy.

Taxonomic history

Dicroaspis in Myrmicinae, Meranoplini: Forel, 1917: 244; Arnold, 1917: 362; Wheeler, W.M. 1922a: 664; Emery, 1924d: 225; Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 7 (in key); Donisthorpe, 1943f: 639.

Dicroaspis in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Dicroaspis in Myrmicinae, Stenammini: Bolton, 1994: 106.

Dicroaspis as subgenus of *Calyptomyrmex*: Emery, 1915g: 15; Forel, 1917: 244; Wheeler, W.M. 1922a: 887; Donisthorpe, 1943f: 639; Emery, 1924d: 225.

Dicroaspis as junior synonym of *Calyptomyrmex*: Brown, 1973b: 180 [provisional].

Dicroaspis as genus: Emery, 1908b: 184; Arnold, 1917: 362; Wheeler, W.M. 1922a: 664; Wheeler, W.M. 1935a: 7; Bolton, 1981a: 56; all subsequent authors.

Junior synonym of **DICROASPIS**

Geognomicus Menozzi, 1924b: 220. Type-species: *Geognomicus wheeleri* Menozzi, 1924b: 220 (junior synonym of *Dicroaspis cryptocera* Emery, 1908b: 185), by original designation.

Taxonomic history

Geognomicus in Myrmicinae, Meranoplini: Menozzi, 1924b: 220; Donisthorpe, 1943f: 647; Wheeler, W.M. 1935a: 7 (in key).

Geognomicus as junior synonym of *Dicroaspis*: Bolton, 1981a: 56; Bolton, 1994: 106.

Geognomicus as genus: Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 81 (anachronism).

Dicroaspis catalogues: Wheeler, W.M. 1922a: 887; Emery, 1924d: 225; Bolton, 1995b: 171.

Dicroaspis references: Arnold, 1917: 362 (diagnosis); Emery, 1924d: 225 (diagnosis); Bolton, 1981a: 56 (diagnosis, all species revision, key); Bolton, 1995a: 1049 (census).

Genus **GAOLIGONGIDRIS**

Gaoligongidris Xu, 2012b: 335. Type-species: *Gaoligongodris planidorsa* Xu, 2012b: 336, by original designation.

Taxonomic history

Gaoligongidris in Myrmicinae, Stenammini: Xu, 2012b: 336.

Genus **INDOMYRMA**

Indomyrma Brown, 1986: 37. Type-species: *Indomyrma dasypyx* Brown, 1986: 46, by original designation.

Taxonomic history

Indomyrma in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1050.

Indomyrma as genus: all authors.

***Indomyrma* catalogues:** Bolton, 1995b: 217.

Genus **LACHNOMYRMEX**

Lachnomyrmex Wheeler, W.M. 1910a: 263. Type-species: *Lachnomyrmex scrobiculatus scrobiculatus* Wheeler, W.M. 1910a: 263, by monotypy.

Taxonomic history

Lachnomyrmex in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 269; all subsequent authors to the following.

Lachnomyrmex in Myrmicinae, Myrmicini: Kusnezov, 1964: 57.

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

Lachnomyrmex in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1050.

Lachnomyrmex as genus: all authors.

***Lachnomyrmex* catalogues:** Emery, 1924d: 269; Kempf, 1972a: 128; Bolton, 1995b: 220.

***Lachnomyrmex* references:** Emery, 1924d: 269 (diagnosis); Smith, M.R. 1944e: 226 (all species key); Weber, 1950c: 3 (all species key); Fernández & Baena, 1997: 112 (**all species key**); Feitosa & Brandão, 2008: 8 (diagnosis, **all species revision, key**).

Genus **LASIOMYRMA**

Lasiomyrma Terayama & Yamane, 2000: 523. Type-species: *Lasiomyrma gedensis* Terayama & Yamane, 2000: 524, by original designation.

Taxonomic history

Lasiomyrma in Myrmicinae, Stenammini: Terayama & Yamane, 2000: 523.

Lasiomyrma references: Terayama & Yamane, 2000: 527 (all species key).

Genus **LORDOMYRMA**

Lordomyrma Emery, 1897c: 591. Type-species: *Lordomyrma furcifera* Emery, 1897c: 591, by subsequent designation of Wheeler, W.M. 1911f: 166.

Taxonomic history

[Type-species not *Podomyrma caledonica* André, 1889: 225, unjustified subsequent designation by Wheeler, W.M. 1919f: 98.]

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

Lordomyrma in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 238 [subtribe Podomyrmini]; all subsequent authors to those below; Kugler, C. 1994: 25.

Lordomyrma in Myrmicinae, Pheidolini: Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16.

Lordomyrma in Myrmicinae, Stenammini: Bolton, 1994: 106.

Lordomyrma as genus: all authors.

Junior synonyms of **LORDOMYRMA**

Promeranoplus Emery, 1914f: 412. Type-species: *Promeranoplus rouxi* Emery, 1914f: 413, by monotypy.

Taxonomic history

Promeranoplus in Myrmicinae, Meranoplini: Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 225; Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 6 (in key); all subsequent authors to the following.

Promeranoplus in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Promeranoplus as junior synonym of *Lordomyrma*: Hölldobler & Wilson, 1990: 14; Bolton, 1994: 106; Taylor, 2009: 17.

Prodicroaspis Emery, 1914f: 414. Type-species: *Prodicroaspis sarasini* Emery, 1914f: 414, by monotypy.

Taxonomic history

Prodicroaspis in Myrmicinae, Meranoplini: Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 664; Emery, 1924d: 223; Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 6 (in key); all subsequent authors to the following.

Prodicroaspis in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Prodicroaspis as junior synonym of *Lordomyrma*: Hölldobler & Wilson, 1990: 14; Bolton, 1994: 106; Taylor, 2009: 16.

Lordomyrma catalogues: Emery, 1924d: 223, 223, 238 (*Prodicroaspis*, *Promeranoplus*, *Lordomyrma*); Chapman & Capco, 1951: 116 (Asia); Taylor & Brown, D.R. 1985: 65 (Australia); Taylor, 1987a: 37, 65, 66 (*Lordomyrma*, *Prodicroaspis*, *Promeranoplus*, Australia, New Caledonia); Bolton, 1995b: 248.

Lordomyrma references: Wheeler, W.M. 1919f: 98 (diagnosis, all species key); Emery, 1924d: 223, 223, 238 (*Prodicroaspis*, *Promeranoplus*, *Lordomyrma* diagnoses); Donisthorpe, 1941a: 37 (all species key); Bolton, 1995a: 1050 (census); Kugler, C. 1997: 193 (sting structure); Shattuck, 1999: 137 (Australia synopsis); Sarnat, 2006: 13 (Fiji Is species key); Taylor, 2009: 16 (notes on synonyms); Sarnat & Economo, 2012: 78 (Fiji Is species key).

Genus **PROATTA**

Proatta Forel, 1912m: 768. Type-species: *Proatta butteli* Forel, 1912m: 769, by monotypy.

Taxonomic history

[*Proatta* also described as new by Forel, 1913k: 84.]

Proatta in Myrmicinae, Proattini: Forel, 1917: 246; Wheeler, W.M. 1922a: 668; Wheeler, G.C. & Wheeler, J. 1985: 257.

Proatta in Myrmicinae, Attini: Emery, 1913b: 251; Emery, 1914a: 42; Emery, 1924d: 333 [subtribe Proattini]; Donisthorpe, 1943f: 686; Chapman & Capco, 1951: 83.

Proatta in Myrmicinae, Pheidolini: Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16.

Proatta in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1052.

Proatta as genus: all authors.

Proatta catalogues: Emery, 1924d: 333; Bolton, 1995b: 366.

Proatta references: Emery, 1924d: 333 (diagnosis,); Moffett, 1987: 444 (review of genus).

Genus *PROPODILOBUS*

Propodilobus Branstetter, 2009: 54. Type-species: *Stenamma pingorum* DuBois, 2000: 40 (replacement name for *Stenamma orientale* DuBois, 1998b: 308, junior primary homonym in *Stenamma*), by original designation.

Taxonomic history

Propodilobus incertae sedis in Stenammini.

Genus *ROGERIA*

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, 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, Leptocephalini: 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; Jaffe, 1993: 11; Kugler, C. 1994: 24.

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

Rogeria in Myrmicinae, Stenammini: Bolton, 1994: 106.

Rogeria as genus: all authors.

Junior synonym of *ROGERIA*

Irogeria Emery, 1915i: 191 [as subgenus of *Rogeria*]. Type-species: *Rogeria procera* Emery, 1896g: 92, by original designation.

Taxonomic history

Irogeria in Myrmicinae, Leptocephalini: Forel, 1917: 245; Emery, 1924d: 267; Donisthorpe, 1943f: 653.

Irogeria as subgenus of *Rogeria*: Emery, 1915i: 191; Forel, 1917: 245; Emery, 1924d: 267; Wheeler, W.M. 1922a: 677; Donisthorpe, 1943f: 653.

Irogeria as genus: Brown, 1953h: 4 (in text); Kempf, 1961d: 436; Kempf, 1964e: 66.

Irogeria as junior synonym of *Rogeria*: Kempf, 1965: 185; Kugler, C. 1994: 23.

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**); Bolton, 1995a: 1052 (census); LaPolla & Sosa-Calvo, 2006: 67 (Guyana species key); Heterick, 2009: 175 (south-western Australia species key).

Genus **ROSTROMYRMEX**

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: 382.

Genus **STENAMMA**

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]; Emery & Forel, 1879a: 456 [Myrmicidae]; Dalla Torre, 1893: 121.

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

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

Stenamma in Myrmicinae, Stenammini: Ashmead, 1905b: 383; Bolton, 1994: 106.

Stenamma as genus: all authors.

Junior synonyms of **STENAMMA**

Asemorhoptrum Mayr, 1861: 76. Type-species: *Myrmica lippula* Nylander, 1849: 41, by monotypy.

Taxonomic history

Asemorhoptrum in Myrmicinae: Mayr, 1865: 20 [Myrmicidae]; Emery, 1877a: 81 [Myrmicidae]; Emery & Forel, 1879a: 460; [Myrmicidae].

Asemorhoptrum as junior synonym of *Stenamma*: André, 1883a: 310; all subsequent authors except the following.

[*Asemorhoptrum* as junior synonym of *Proatta*: Snelling, R.R. 1981: 395 (error).]

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 junior synonym of *Stenamma*: Santschi, 1923a: 136; all subsequent authors except the following.

[*Theryella* as junior synonym of *Proatta*: Snelling, R.R. 1981: 395 (error).]

***Stenamma* catalogues:** Roger, 1863b: 25, 27 (*Stenamma*, *Asemorhoptrum*); Mayr, 1863: 395, 454 (*Asemorhoptrum*, *Stenamma*); 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, 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); Morisita, Kubota, 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); 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**); Bharti, Gul & Sharma, 2012a: 325 (**Palaearctic and Oriental species key**); Branstetter, 2013: 21 (**Mesoamerica species key**).

Genus *TETHEAMYRMA*

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

Taxonomic history

Tettheamyrmia in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995a: 1053; Bolton, 1995b: 403.

Genus *VOLLENHOVIA*

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.

Vollenhovia in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139; Wheeler, W.M. 1915h: 51.

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

Vollenhovia in Myrmicinae, Myrmecinini: Emery, 1912b: 105.

Vollenhovia in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini] Forel, 1917: 242; Emery, 1922e: 163; Wheeler, W.M. 1922a: 662; all subsequent authors to the following.

Vollenhovia incertae sedis in Myrmicinae: Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81.

Vollenhovia in Myrmicinae, Metaponini: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105.

Vollenhovia in Myrmicinae, Stenammini: Bolton, 2003: 59.

Vollenhovia as genus: all authors.

Junior synonyms of *VOLLENHOVIA*

Vollenhovenia Dalla Torre, 1893: 61, unjustified subsequent emendation of *Vollenhovia*.

Taxonomic history

Vollenhovenia as junior synonym of *Vollenhovia*: Forel, 1893a: 166; Emery, 1922e: 163.

****Propodomyrma*** Wheeler, W.M. 1910g: 163 (by indication). Type-species: **Propodomyrma samlandica* Wheeler, W.M. 1910g: 163 (junior synonym of **Macromischa beyrichi* Mayr, 1868c: 84), by monotypy.

Taxonomic history

[**Propodomyrma* Wheeler, W.M. 1908g: 413, *nomen nudum*.]

**Propodomyrma* as junior synonym of *Vollenhovia*: Wheeler, W.M. 1915h: 51; Emery, 1922e: 163.

Heteromyrmex Wheeler, W.M. 1920: 53. Type-species: *Vollenhovia rufiventris* Forel, 1901e: 374, by original designation.

Taxonomic history

Heteromyrmex in Myrmicinae, Solenopsidini: Wheeler, W.M. 1922a: 662; Donisthorpe, 1943f: 650.

Heteromyrmex as junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

Aratromyrmex Stitz, 1938: 105. Type-species: *Aratromyrmex luctuosus* Stitz, 1938: 106, by subsequent designation of Donisthorpe, 1943f: 625.

Taxonomic history

Aratromyrmex in Myrmicinae, Myrmecinini: Donisthorpe, 1943f: 625.

Aratromyrmex in Myrmicinae, Pheidolini: Chapman & Capco, 1951: 135.

Aratromyrmex as junior synonym of *Vollenhovia*: Baroni Urbani, 1980a: 96.

Dyomorium Donisthorpe, 1947d: 191. Type-species: *Dyomorium ireneum* Donisthorpe, 1947d: 191, by original designation.

Taxonomic history

Dyomorium in Myrmicinae, Tetramoriini: Donisthorpe, 1947d: 191.

Dyomorium as junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

Dorothea Donisthorpe, 1948c: 65. Type-species: *Dorothea novobritainae* Donisthorpe, 1948c: 65, by monotypy.

Taxonomic history

Dorothea as junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

***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, D.R. 1985: 92 (Australia); Taylor, 1987a: 80 (Australia, New Caledonia); Bolton, 1995b: 422.

Vollenhovia references: Mayr, 1867a: 94 (diagnosis); Bingham, 1903: 213 (diagnosis); Emery, 1922e: 163 (diagnosis); Ettershank, 1966: 146 (diagnosis, review of genus); Taylor, 1991db: 612 (Australia species key); Morisita, Kubota, *et al.* 1992: 48 (Japan species key); Bolton, 1995a: 1053 (census); Wu, J. & Wang, 1995: 106 (China species key); Terayama & Kinomura, 1997: 1 (Japan species key); Shattuck, 1999: 171 (Australia synopsis); Terayama, 2009: 147 (Taiwan species key); Sarnat & Economo, 2012: 144 (Fiji Is species key).

Genus *incertae sedis* in Stenammini

Genus ***ILEMOMYRMEX**

**Ilemomyrmex* Wilson, 1985a: 2. Type-species: **Ilemomyrmex caecus* Wilson, 1985a: 3, by original designation.

Taxonomic history

**Ilemomyrmex incertae sedis* in Myrmicinae: Wilson, 1985a: 2.

**Ilemomyrmex* in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

**Ilemomyrmex* in Myrmicinae, Stenammini: Bolton, 1994: 106; Bolton, 1995b: 217.

**Ilemomyrmex incertae sedis* in Myrmicinae, Stenammini: Bolton, 2003: 59.

**Ilemomyrmex* as genus: all authors.

Tribe ADELOMYRMECINI

Adelomyrmecini Fernández, 2004b: 325. Type-genus: *Adelomyrmex* Emery, 1897c: 590.

Taxonomic history

Adelomyrmecini as tribe of Myrmicinae: Fernández, 2004b: 325.

Adelomyrmecini references: Fernández, 2004b: 334 (key to genera).

Genera of Adelomyrmecini: *Adelomyrmex*, *Baracidris*, *Cryptomyrmex*.

Genera of Adelomyrmecini

Genus **ADELOMYRMEX**

Adelomyrmex Emery, 1897c: 590. Type-species: *Adelomyrmex biroi* Emery, 1897c: 590, by monotypy.

Taxonomic history

Adelomyrmex in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 268; Donisthorpe, 1943f: 620; Chapman & Capco, 1951: 110; Kempf, 1972a: 18; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 79; Jaffe, 1993: 11.

Adelomyrmex in Myrmicinae, Stenammini: Ashmead, 1905b: 383; Bolton, 1994: 106.

Adelomyrmex incertae sedis in Myrmicinae, Stenammini: Bolton, 2003: 59.

Adelomyrmex in Myrmicinae, Adelomyrmecini: Fernández, 2004b: 326.

Adelomyrmex as genus: all authors.

Junior synonyms of **ADELOMYRMEX**

Apsychomyrmex Wheeler, W.M. 1910a: 261. Type-species: *Apsychomyrmex myops* Wheeler, W.M. 1910a: 261, by monotypy.

Taxonomic history

Apsychomyrmex in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 268; Donisthorpe, 1943f: 624.

Apsychomyrmex as junior synonym of *Adelomyrmex*: Kempf, 1972a: 18.

Arctomyrmex Mann, 1921: 457 [as subgenus of *Adelomyrmex*]. Type-species: *Adelomyrmex (Arctomyrmex) hirsutus* Mann, 1921: 458, by original designation.

Taxonomic history

Arctomyrmex as junior synonym of *Adelomyrmex*: Brown, 1973b: 178 [provisional]; Bolton, 1994: 106.

Adelomyrmex catalogues: Emery, 1924d: 268 (*Apsychomyrmex*, *Adelomyrmex*); Kempf, 1972a: 18 (Neotropical); Brown, 1973b: 178; Brandão, 1991: 324; Bolton, 1995b: 58.

Adelomyrmex references: Emery, 1924d: 268 (*Apsychomyrmex*, *Adelomyrmex* diagnoses); Smith, M.R. 1947b: 469 (*Apsychomyrmex* species key); Bolton, 1995a: 1047 (census); Fernández & Mackay, 2003: 595 (*A. laevigatus* complex key); Fernández, 2003b: 11 (diagnosis, **all species revision, key**); Longino, 2012: 6 (Central America species key); Sarnat & Economo, 2012: 70 (Fiji Is species key).

Genus *BARACIDRIS*

Baracidris Bolton, 1981b: 252. Type-species: *Baracidris meketra* Bolton, 1981b: 255, by original designation.

Taxonomic history

Baracidris in Myrmicinae, Stenammini?: Bolton, 1994: 106.

Baracidris incertae sedis in Myrmicinae, Stenammini: Bolton, 2003: 59.

Baracidris in Myrmicinae, Adelomyrmecini: Fernández, 2004b: 326.

Baracidris as genus: all authors.

***Baracidris* catalogues:** Bolton, 1995b: 80.

***Baracidris* references:** Bolton, 1981b: 255 (all species key); Bolton, 1995a: 1048 (census); Fernández, 2003b: 34 (diagnosis, all species revision, key).

Genus *CRYPTOMYRMEX*

Cryptomyrmex Fernández, 2004b: 328. Type-species: *Adelomyrmex longinodus* Fernández & Brandão, in Fernández, 2003b: 20, by original designation.

Taxonomic history

Cryptomyrmex in Myrmicinae, Adelomyrmecini: Fernández, 2004b: 326.

Tribe SOLENOPSIDINI

Solenopsisii Forel, 1893a: 164. Type-genus: *Solenopsis* Westwood, 1840b: 86.

Taxonomic history

Solenopsidini as tribe of Myrmicinae: Forel, 1893a: 164 [Solenopsisii]; Emery, 1895j: 769 [Solenopsidii]; Forel, 1899c: 79 [Solenopsidii]; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140 [Solenopsidii]; Emery, 1914a: 37; Wheeler, W.M. 1915h: 46 [Solenopsidiini]; Arnold, 1916: 203; Forel, 1917: 242; Emery, 1922e: 158; Wheeler, W.M. 1922a: 670; all subsequent authors.

Junior synonyms of SOLENOPSIDINI

Pheidologetini Emery, 1914a: 38 (diagnosis in key). Type-genus: *Pheidologeton* Mayr, 1962: 750.

Taxonomic history

Pheidologetini as tribe of Myrmicinae: Emery, 1914a: 38; Arnold, 1916: 248; Forel, 1917: 243; Emery, 1922e: 206; Emery, 1924d: 207; Bolton, 1992: 38 [Pheidologetonini]; Bolton, 1994: 106 [Pheidologetonini].

Pheidologetini as junior synonym of Solenopsidini: Wheeler, W.M. 1922a: 659; Bolton, 2003: 59.

Monomoriini Emery, 1914a: 41. Type-genus: *Monomorium* Mayr, 1855: 452.

Taxonomic history

Monomoriini as subtribe of Solenopsidini: Emery, 1914a: 41; Arnold, 1916: 203; Forel, 1917: 242; Emery, 1922e: 162.

Monomoriini as tribe of Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

Monomoriini as junior synonym of Solenopsidini: Bolton, 1994: 106.

Monomoriini Wheeler, W.M. 1915h: 45. Type-genus: *Monomorium* Mayr, 1855: 452.

Taxonomic history

Monomoriini as tribe of Myrmicinae: Wheeler, W.M. 1915h: 45.

Monomoriini as junior synonym of Solenopsidini: Bolton, 1995b: 13.

***Hypopomyrmicti** Brown, 1952g: 10 (footnote). Type-genus: **Hypopomyrmex* Emery, 1891a: 148.

Taxonomic history

*Hypopomyrmicti as subtribe of Dacetini: Brown, 1952g: 10.

*Hypopomyrmicti as junior synonym of Pheidologetini: Brown & Carpenter, 1979: 422 (by implication); Bolton, 1995b: 12.

*Hypopomyrmicti as junior synonym of Solenopsidini: Bolton, 2003: 59.

Megalomyrmecini Dlussky & Fedoseeva: 1988: 80. Type-genus: *Megalomyrmex* Forel, 1885a: 371.

Taxonomic history

Megalomyrmecini as tribe of Myrmicinae: Dlussky & Fedoseeva: 1988: 80.

Megalomyrmecini as junior synonym of Solenopsidini: Bolton, 1994: 106.

Solenopsidini references: Emery, 1895j: 769 (diagnosis); Wheeler, W.M. 1910g: 140 (diagnosis); Emery, 1914a: 37, 38, 41 (diagnoses (in key), synoptic classification); Forel, 1917: 242 (synoptic classification); Emery, 1922e: 158, 206 (Solenopsidini diagnosis, genera key, catalogue; Pheidologetini diagnosis); Wheeler, W.M. 1922a: 670 (genera key); Wheeler, W.M. 1922a: 862, 1026 (Afrotropical, Malagasy catalogues); Emery, 1924d: 207 (Pheidologetini genera key, catalogue); Kusnezov, 1957a:

267 (Neotropical genera key); Ettershank, 1966: 73 (review of Solenopsidini, genera diagnoses); Ettershank, 1966: 115 (*Pheidologeton* group review); Wheeler, G.C. & Wheeler, J. 1976b: 55 (larvae, review & synthesis); Kugler, C. 1978a: 455 (sting structure); Kugler, C. 1986: 221 (*Pheidologeton* group sting structure); Bolton, 1987: 263 (diagnosis, review of tribe, genera key); Dlussky & Fedoseeva, 1988: 80 (synoptic classification); Brandão, 1991: 390 (Neotropical, synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 106 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 14, 15 (catalogue); Bolton, 2003: 60, 207 (diagnosis, synopsis); Fernández, 2003d: 322 (Neotropical genera).

Genera of Solenopsidini: *Adlerzia*, *Allomerus*, *Anillomyrma*, *Bondroitia*, *Carebara*, *Diplomorium*, *Dolopomyrmex*, *Formosimyrma*, *Machomyrma*, *Mayriella*, *Megalomyrmex*, *Monomorium*, *Oxyepoecus*, *Pheidologeton*, *Solenopsis*, *Tranopelta*, *Tropidomyrmex*, *Tyrannomyrmex*.

Genera (extinct) *incertae sedis* in Solenopsidini: **Hypopomyrmex*, **Oxyidris*.

Genera of Solenopsidini

Genus **ADLERZIA**

Adlerzia Forel, 1902h: 445 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Adlerzia) froggatti* Forel, 1902h: 445, by monotypy.

Taxonomic history

Adlerzia in Myrmicinae, Solenopsidini: Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 182; all subsequent authors to the following.

Adlerzia in Myrmicinae, Pheidolini: Brown, 1952j: 176; Wheeler, G.C. & Wheeler, J. 1985: 257; Hölldobler & Wilson, 1990: 16.

Adlerzia incertae sedis in Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

Adlerzia in Myrmicinae, Pheidologetini: Bolton, 1994: 106 [Pheidologetonini].

Adlerzia in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Adlerzia as subgenus of *Monomorium*: Forel, 1902h: 445; Wheeler, W.M. 1910g: 139; Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 182; Wheeler, W.M. 1922a: 676; Donisthorpe, 1943f: 620.

Adlerzia as genus: Brown, 1952j: 176; Taylor & Brown, D.R. 1985: 53; Taylor, 1987a: 5; Bolton, 1995a: 1047; Bolton, 1995b: 58.

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.

Adlerzia catalogues: Emery, 1922e: 182; Taylor & Brown, D.R. 1985: 53; Taylor, 1987a: 5; Bolton, 1995b: 58.

Adlerzia references: Emery, 1922e: 182 (diagnosis); Brown, 1952j: 173 (review of genus); Shattuck, 1999: 122 (synopsis).

Genus **ALLOMERUS**

Allomerus Mayr, 1878: 873. Type-species: *Allomerus decemarticulatus* Mayr, 1878: 874, by subsequent designation of Wheeler, W.M. 1911f: 158.

Taxonomic history

Allomerus in Myrmicinae: Dalla Torre, 1893: 78.

Allomerus in Myrmicinae, Myrmicini: Forel, 1895b: 125; Emery, 1895j: 769.

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

Allomerus in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

Allomerus in Myrmicinae, Megalomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Allomerus in Myrmicinae, Solenopsidini: Wheeler, W.M. 1910g: 140; Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 188; Wheeler, W.M. 1922a: 663; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Allomerus as genus: all authors.

Allomerus catalogues: Dalla Torre, 1893: 78; Emery, 1922e: 188; Ettershank, 1966: 111; Kempf, 1972a: 18; Bolton, 1995b: 61.

Allomerus references: Emery, 1922e: 188 (diagnosis); Ettershank, 1966: 111 (diagnosis, review of genus); Bolton, 1987: 282 (review of genus); Bolton, 1995a: 1047 (census); Fernández, 2007a: 163 (**all species revision, key**).

Genus **ANILLOMYRMA**

Anillomyrma Emery, 1913b: 261 [as subgenus of *Monomorium*]. Type-species: *Monomorium decamerum* Emery, 1901e: 117, by monotypy.

Taxonomic history

Anillomyrma in Myrmicinae, *Monomorium* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

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

Anillomyrma in Myrmicinae, Solenopsidini: Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 184; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106.

Anillomyrma as subgenus of *Monomorium*: Emery, 1913b: 261; Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 184; Wheeler, W.M. 1922a: 675, 686.

Anillomyrma as genus: Ettershank, 1966: 97; Bolton, 1987: 273.

Anillomyrma catalogues: Emery, 1922e: 184 (*Monomorium (Anillomyrma)*); Ettershank, 1966: 97; Bolton, 1995b: 63.

Anillomyrma references: Emery, 1922e: 184 (*Monomorium (Anillomyrma)* diagnosis); Ettershank, 1966: 97 (diagnosis, review of genus); Bolton, 1987: 273 (diagnosis, **all species revision, key**); Bolton, 1995a: 1047 (census); Shattuck, 1999: 124 (Australia synopsis); Eguchi, Bui, et al. 2009: 31 (diagnosis, review of species).

Genus **BONDROITIA**

Bondroitia Forel, 1911c: 300 (footnote) [as subgenus of *Monomorium*]. Type-species: *Monomorium (Martia) coecum* Forel, 1911c: 299 (footnote) (junior synonym of *Diplomorium lujae* Forel, 1909b: 72), by monotypy.

Taxonomic history

[*Bondroitia* also described as new, but as subgenus of *Diplomorium*, by Forel, 1911d: 398; see discussion in Bolton, 1987: 275.]

Bondroitia in Myrmicinae, *Monomorium* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

Bondroitia in Myrmicinae, Solenopsidini: Forel, 1917: 243; Emery, 1922e: 194; Wheeler, W.M. 1922a: 663; all subsequent authors; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106.

Bondroitia as subgenus of *Monomorium*: Forel, 1911c: 300.

Bondroitia as subgenus of *Diplomorium*: Forel, 1911d: 398; Forel, 1917: 243; Emery, 1922e: 194.

Bondroitia as junior synonym of *Diplomorium*: Ettershank, 1966: 98.

Bondroitia as genus: Forel, 1915d: 38; Wheeler, W.M. 1922a: 663, 683; Bolton, 1987: 275.

Bondroitia catalogues: Emery, 1922e: 194 (*Diplomorium (Bondroitia)*); Wheeler, W.M. 1922a: 877; Bolton, 1995b: 80 (catalogue).

Bondroitia references: Emery, 1922e: 194 (*Diplomorium (Bondroitia)* diagnosis); Bolton, 1987: 275 (diagnosis, review of genus, all species); Bolton, 1995a: 1048 (census).

Genus **CAREBARA**

Carebara Westwood, 1840b: 86. Type-species: *Carebara lignata* Westwood, 1840b: 86, by monotypy.

Taxonomic history

Carebara in Poneridae, Attidae: Smith, F. 1858b: 178.

Carebara in Myrmicinae: Mayr, 1865: 23 [Myrmicidae]; Smith, F. 1871a: 334 [Myrmicidae]; Dalla Torre, 1893: 74.

Carebara in Myrmicinae, Pheidolini: Emery, 1877a: 81 [Myrmicidae, Pheidolidae].

Carebara in Myrmicinae, Myrmicariini: Ashmead, 1905b: 383.

Carebara in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1922a: 663; Kusnezov, 1964: 61; Kempf, 1972a: 74; Jaffe, 1993: 10; Bolton, 2003: 61.

Carebara in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Carebara in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Arnold, 1916: 248; Forel, 1917: 244; Emery, 1924d: 219; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106 [Pheidologetonini].

Carebara as genus: all authors.

Junior synonyms of **CAREBARA**

Oligomyrmex Mayr, 1867a: 110. Type-species: *Oligomyrmex concinnus* Mayr, 1867a: 111, by monotypy.

Taxonomic history

Oligomyrmex in Myrmicinae: Dalla Torre, 1893: 74.

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

Oligomyrmex in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1922a: 663; Kempf, 1972a: 172; Smith, D.R. 1979: 1389; Jaffe, 1993: 10.

Oligomyrmex in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Oligomyrmex in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Forel, 1917: 243; Emery, 1924d: 215; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106 [Pheidologetonini].

Oligomyrmex in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Oligomyrmex as genus: all authors to the following.

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

Aeromyrma Forel, 1891b: 198. Type-species: *Aeromyrma nosindambo* Forel, 1891b: 199, by monotypy.

Taxonomic history

[*Aeromyrma* also described as new by Forel, 1891a: cccvii; no species-rank taxa named.]

Aeromyrma in Myrmicinae: Dalla Torre, 1893: 78.

Aeromyrma in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1922a: 663.

Aeromyrma in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Arnold, 1916: 256; Forel, 1917: 243; Emery, 1924d: 215; all subsequent authors.

Aeromyrma as genus: Forel, 1891b: 198; Dalla Torre, 1893: 78; Arnold, 1916: 256; Forel, 1917: 243; Wheeler, W.M. 1922a: 663, 882.

Aeromyrma as subgenus of *Oligomyrmex*: Emery, 1915c: 59 (footnote); Emery, 1924d: 215; Donisthorpe, 1943f: 620.

Aeromyrma as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; all subsequent authors to the following.

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

Aneleus Emery, 1900c: 327 [as subgenus of *Pheidologeton*]. Type-species: *Solenopsis similis* Mayr, 1862: 751, by subsequent designation of Wheeler, W.M. 1911f: 158.

Taxonomic history

[Type-species not *Pheidologeton pygmaeus* Emery, 1887b: 465, unjustified subsequent designation by Wheeler, W.M. 1913a: 77; repeated in Emery, 1924d: 214.]

Aneleus in Myrmicinae, Solenopsidini: Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1922a: 663.

Aneleus in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Arnold, 1916: 254; Forel, 1917: 243; Emery, 1924d: 213; all subsequent authors.

Aneleus as genus: Emery, 1914a: 41; Arnold, 1916: 254; Forel, 1917: 243; Wheeler, W.M. 1922a: 663; Emery, 1924d: 213.

Aneleus as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; all subsequent authors to the following.

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

Erebomyrma Wheeler, W.M. 1903a: 138. Type-species: *Erebomyrma longii* Wheeler, W.M. 1903a: 140, by monotypy.

Taxonomic history

Erebomyrma in Myrmicinae, Solenopsidini: Wheeler, W.M. 1903a: 145; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1915h: 46; Wheeler, W.M. 1922a: 663.

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

Erebomyrma in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Forel, 1917: 244; Emery, 1924d: 218; all subsequent authors.

Erebomyrma as genus: Wheeler, W.M. 1922a: 663; Emery, 1924d: 218; Creighton, 1950a: 245; Kusnezov, 1964: 62; Wilson, 1986b: 61; Hölldobler & Wilson, 1990: 13.

Erebomyrma as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; Kempf, 1972a: 172; Smith, D.R. 1979: 1389; Bolton, 1994: 106; Bolton, 1995b: 298.

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

Paedalgus Forel, 1911i: 217. Type-species: *Paedalgus escherichi* Forel, 1911i: 218, by monotypy.

Taxonomic history

Paedalgus in Myrmicinae, Solenopsidini: Forel, 1911i: 218; Wheeler, W.M. 1922a: 663.

Paedalgus in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Paedalgus in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Forel, 1917: 244; Emery, 1924d: 221; Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106 [Pheidologetonini].

Paedalgus in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

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

Lecanomyrma Forel, 1913k: 56 [as subgenus of *Pheidologeton*]. Type-species: *Pheidologeton (Lecanomyrma) butteli* Forel, 1913k: 56, by monotypy.

Taxonomic history

Lecanomyrma as subgenus of *Pheidologeton*: Forel, 1913k: 56; Forel, 1917: 243.

Lecanomyrma as subgenus of *Aneleus*: Emery, 1924d: 215.

Lecanomyrma as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; all subsequent authors to the following.

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

Spelaeomyrmex Wheeler, W.M. 1922c: 9. Type-species: *Spelaeomyrmex urichi* Wheeler, W.M. 1922c: 45, by original designation.

Taxonomic history

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

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

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

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

Hendecatella Wheeler, W.M. 1927h: 93 [as subgenus of *Oligomyrmex*]. Type-species: *Oligomyrmex (Hendecatella) capreolus* Wheeler, W.M. 1927h: 93, by monotypy.

Taxonomic history

Hendecatella as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; all subsequent authors.

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

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

Taxonomic history

Solenops as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119; all subsequent authors.

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

Crateropsis Patrizi, 1948: 174 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis (Crateropsis) elmenteitae* Patrizi, 1948: 176, by original designation.

Taxonomic history

Crateropsis as junior synonym of *Oligomyrmex*: Ettershank, 1966: 120; all subsequent authors.

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

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.

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

Nimbamyrrma Bernard, 1953b: 240. Type-species: *Nimbamyrrma villiersi* Bernard, 1953b: 241, by monotypy.

Taxonomic history

Nimbamyrrma in Myrmicinae, Pheidologetini: Bernard, 1953b: 240.

Nimbamyrrma as junior synonym of *Oligomyrmex*: Ettershank, 1966: 120; all subsequent authors.

Nimbamyrrma as junior synonym of *Carebara*: Fernández, 2004a: 194; Fernández, 2010: 201.

Afroxyidris Belshaw & Bolton, 1994: 631. Type-species: *Afroxyidris crigensis* Belshaw & Bolton, 1994: 632, by original designation.

Taxonomic history

Afroxyidris in Myrmicinae, Pheidologetonini: Belshaw & Bolton, 1994: 632; Bolton, 1994: 106.

Afroxyidris in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

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

Neoblepharidatta Sheela & Narendran, 1997: 88. Type-species: *Neoblepharidatta nayana* Sheela & Narendran, 1997: 89, by original designation.

Taxonomic history

Neoblepharidatta incertae sedis in Myrmicinae: Sheela & Narendran, 1997: 89.

Neoblepharidatta as junior synonym of *Oligomyrmex*: Bolton, 2003: 216, 273.

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

Parvimyrma Eguchi & Bui, 2007: 40. Type-species: *Parvimyrma sangi* Eguchi & Bui, 2007: 44, by original designation.

Taxonomic history

Parvimyrma in Myrmicinae, *Solenopsis* genus group: Eguchi & Bui, 2007: 40.

Parvimyrma as junior synonym of *Carebara*: Fernández, 2010: 195.

Carebara catalogues: Roger, 1863b: 32 (*Carebara*); Mayr, 1863: 402 (*Carebara*); Dalla Torre, 1893: 74, 74, 78 (*Carebara*, *Oligomyrmex*, *Aeromyrma*); W.M. 1922a: 880, 881, 882, 883, 884 (Afrotropical *Aneleus*, *Oligomyrmex*, *Aeromyrma*, *Carebara*, *Paedalgus*); Wheeler, W.M. 1922a: 1028 (Malagasy *Oligomyrmex*, *Aeromyrma*); Emery, 1924d: 213, 215, 215, 217, 218, 219, 221 (*Aneleus*, *Aneleus* (*Lecanomyrma*), *Oligomyrmex* (*Aeromyrma*), *O. (Oligomyrex)*, *Erebomyrma*, *Carebara*, *Paedalgus*); Chapman & Capco, 1951: 151, 154, 156, 158 (Asia *Carebara*, *Aeromyrma*, *Aneleus*, *Oligomyrmex*, *Paedalgus*); Smith, M.R. 1951a: 815 (North America *Erebomyrma*); Ettershank, 1966: 119, 125, 128 (*Oligomyrmex*, *Carebara*, *Paedalgus*); Kempf, 1972a: 74, 172 (Neotropical *Carebara*, *Oligomyrmex*); Smith, D.R. 1979: 1389 (North America *Oligomyrmex*); Taylor & Brown, D.R. 1985: 71 (Australia *Oligomyrmex*); Taylor, 1987a: 50 (Australia, New Caledonia *Oligomyrmex*); Brandão, 1991: 342 (Neotropical *Oligomyrmex*); Bolton, 1995b: 133, 298, 311 (*Carebara*, *Oligomyrmex*, *Paedalgus*);

Carebara references: Smith, F. 1858b: 178 (*Carebara* diagnosis); Mayr, 1865: 23 (*Carebara* diagnosis); Mayr, 1867a: 106 (*Carebara* diagnosis); Bingham, 1903: 150, 154 (*Carebara* diagnosis, *Oligomyrmex* India, Sri Lanka & Burma species key); Santschi, 1913e: 459 (African *Oligomyrmex*, key); Santschi, 1914d: 363 (Afrotropical *Carebara* species key); Arnold, 1916: 248, 254, 256 (*Carebara*, *Aneleus*, *Aeromyrma* diagnoses); Wheeler, W.M. 1922a: 165, 687 (*Aeromyrma* diagnosis, *Oligomyrmex* subgenera key); Wheeler, W.M. 1922a: 168, 172 (*Carebara* diagnosis, Afrotropical species key); Wheeler, W.M. 1922a: 177 (*Paedalgus* diagnosis); Emery, 1924d: 213, 215, 215, 217, 218, 219, 221 (*Aneleus*, *Aneleus* (*Lecanomyrma*), *Oligomyrmex* (*Aeromyrma*), *O.* (*Oligomyrex*), *Erebomyrma*, *Carebara*, *Paedalgus* diagnoses); Weber, 1950a: 1 (Africa *Oligomyrmex* species, synopsis); Weber, 1952: 11 (Africa *O.* (*Aeromyrma*) species key); Ettershank, 1966: 119, 125, 128 (*Oligomyrmex*, *Carebara*, *Paedalgus* diagnoses, review of genera); Taylor, 1991db: 605 (*Oligomyrmex* Australia species, partial key); Morisita, Kubota, et al. 1992: 45 (*Oligomyrmex* Japan species key); Bolton & Belshaw, 1993: 181 (*Paedalgus* diagnosis, **all species revision, key**); Bolton, 1995a: 1048, 1051 (*Carebara*, *Oligomyrmex*, *Paedalgus* census); Wu, J. & Wang, 1995: 74 (*Oligomyrmex* China species key); Terayama, 1996: 24 (*Oligomyrmex* Japan species key); Shattuck, 1999: 148 (*Oligomyrmex* Australia synopsis); Xu, 2003: 311 (*Oligomyrmex* China species key); Fernández, 2004a: 198 (**New World species revision, key**); Terayama, 2009: 151 (Taiwan species key); Terayama, Lin & Eguchi, 2012: 5 (Taiwan species key); Bharti & Kumar, 2013b: 61 (India species key); Sharaf & Aldawood, 2013b: 70 (Saudi Arabia species key).

Genus **DIPLOMORIUM**

Diplomorium Mayr, 1901b: 16. Type-species: *Diplomorium longipenne* Mayr, 1901b: 18, by monotypy.

Taxonomic history

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

Diplomorium in Myrmicinae, *Monomorium* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

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

Diplomorium in Myrmicinae, Solenopsidini: Wheeler, W.M. 1910g: 141; Emery, 1914a: 41; Arnold, 1916: 240; Forel, 1917: 243; Emery, 1922e: 194; Wheeler, W.M. 1922a: 663; all subsequent authors except for the above; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106.

Diplomorium as genus: all authors.

Diplomorium catalogues: Emery, 1922e: 194; Wheeler, W.M. 1922a: 877; Ettershank, 1966: 98; Bolton, 1995b: 171.

Diplomorium references

Arnold, 1916: 240 (diagnosis); Emery, 1922e: 194 (diagnosis); Ettershank, 1966: 98 (diagnosis, review of genus, checklist); Bolton, 1987: 278 (diagnosis, revision of genus, species).

Genus *DOLOPOMYRMEX*

Dolopomyrmex Cover & Deyrup, 2007: 90. Type-species: *Dolopomyrmex pilatus* Cover & Deyrup, 2007: 92, by original designation.

Taxonomic history

[*Dolopomyrmex* Fisher & Cover, 2007: 83. Unavailable name.]

Dolopomyrmex in Myrmicinae, Solenopsidini: Cover & Deyrup, 2007: 90.

Genus *FORMOSIMYRMA*

Formosimyrma Terayama, 2009: 158. Type-species: *Formosimyrma lanuyensis* Terayama, 2009: 159, by original designation.

Taxonomic history

Formosimyrma in Myrmicinae, Solenopsidini: Terayama, 2009: 158.

Genus *MACHOMYRMA*

Machomyrma Forel, 1895f: 425 [as subgenus of *Liomyrmex*]. Type-species: *Liomyrmex (Machomyrma) dispar* Forel, 1895f: 425, by monotypy.

Taxonomic history

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

Machomyrma in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1921f: 76 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; subsequent authors to Hölldobler & Wilson, 1990: 16, except the following.

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

Machomyrma in Myrmicinae, Pheidologetini: Bolton, 1994: 106 [Pheidologetonini].

Machomyrma in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Machomyrma as subgenus of *Liomyrmex*: Forel, 1895f: 425.

Machomyrma as genus: Emery, 1896e: 184 (footnote); Wheeler, W.M. 1910g: 139; Emery, 1914a: 40; Forel, 1917: 241; Emery, 1921f: 76; Wheeler, W.M. 1922a: 661; all subsequent authors.

***Machomyrma* catalogues:** Emery, 1921f: 76; Taylor & Brown, D.R. 1985: 65; Bolton, 1995b: 248.

***Machomyrma* references:** Emery, 1921f: 76 (diagnosis); Shattuck, 1999: 139 (Australia synopsis).

Genus *MAYRIELLA*

Mayriella Forel, 1902h: 452. Type-species: *Mayriella abstinentis* Forel, 1902h: 452, by monotypy.

Taxonomic history

Mayriella in Myrmicinae, Tetramoriini: Wheeler, W.M. 1910g: 141.

Mayriella in Myrmicinae, Meranoplini: Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 223; Wheeler, W.M. 1934a: 176; Wheeler, W.M. 1935a: 6 (in key); Wheeler, W.M. 1935e: 151; all subsequent authors to the following.

Mayriella in Myrmicinae, Calyptomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Mayriella in Myrmicinae, Stenammini?: Bolton, 1994: 106.

Mayriella in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Mayriella as genus: all authors.

Mayriella catalogues: Emery, 1924d: 223; Taylor & Brown, D.R. 1985: 65 (Australia); Taylor, 1987a: 37 (Australia, New Zealand); Bolton, 1995b: 249.

Mayriella references: Emery, 1924d: 223 (diagnosis); Wheeler, W.M. 1935e: 154 (all species key); Dlussky & Radchenko, 1990: 124 (**all species key**); Bolton, 1995a: 1050 (census); Kugler, C. 1997: 193 (sting structure); Shattuck, 1999: 140 (Australia synopsis); Shattuck & Barnett, 2007: 440 (**all species revision, key**).

Genus **MEGALOMYRMEX**

Megalomyrmex Forel, 1885a: 371. Type-species: *Megalomyrmex leoninus* Forel, 1885a: 372, by monotypy.

Taxonomic history

[Type-species not *Formica bituberculata* Fabricius, 1798: 280, unjustified subsequent designation by Wheeler, W.M. 1911f: 167.]

Megalomyrmex in Myrmicinae: Dalla Torre, 1893: 71.

Megalomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Forel, 1899c: 57; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139.

Megalomyrmex in Myrmicinae, Pheidolini: Kusnezov, 1952b: 10 (in key).

Megalomyrmex in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271; Brandão, 1990: 412.

Megalomyrmex in Myrmicinae, Megalomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Megalomyrmex in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 189; Wheeler, W.M. 1922a: 663; Kusnezov, 1957a: 268; Kusnezov, 1962b: 160; Kusnezov, 1964: 61; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Megalomyrmex as genus: all authors.

Junior synonyms 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 junior synonym of *Megalomyrmex*: Ettershank, 1966: 101; Brandão, 1990: 415.

Cepobroticus Wheeler, W.M. 1925d: 168 [as subgenus of *Megalomyrmex*]. Type-species: *Megalomyrmex (Cepobroticus) symmetochus* Wheeler, W.M. 1925d: 168, by monotypy.

Taxonomic history

Cepobroticus as junior synonym of *Megalomyrmex*: Ettershank, 1966: 101; Brandão, 1990: 415.

Megalomyrmex catalogues: Dalla Torre, 1893: 71; Emery, 1922e: 189; Ettershank, 1966: 101; Kempf, 1972a: 139; Bolton, 1995b: 249.

Megalomyrmex references: Emery, 1890b: 47 (all species key); Wheeler, W.M. 1909b: 236 (all species key); Emery, 1922e: 189 (diagnosis); Wheeler, W.M. 1925a: 32 (all species key); Ettershank, 1966: 101 (diagnosis, review of genus); Bolton, 1987: 285 (genus notes); Brandão, 1990: 411 (diagnosis, **all species revision, key**); Bolton, 1995a: 1050 (census); Longino, 2010: 37 (Central America species key); Boudinot, Sumnicht & Adams, 2013: 12 (Central America species key).

Genus *MONOMORIUM*

Monomorium Mayr, 1855: 452. Type-species: *Monomorium monomorium* Bolton, 1987: 287 (replacement name for *Monomorium minutum* Mayr, 1855: 453, junior secondary homonym in *Monomorium*), by monotypy.

Taxonomic history

Monomorium in Myrmicinae, Myrmicidae: Emery, 1877a: 81.

Monomorium in Myrmicinae: Mayr, 1855: 452 [Myrmicinae]; Mayr, 1861: 71 [Myrmicinae]; Mayr, 1865: 22 [Myrmicinae]; Emery & Forel, 1879a: 456 [Myrmicinae]; Dalla Torre, 1893: 65.

Monomorium in Myrmicinae, Myrmicini: Forel, 1895b: 124; Emery, 1895j: 769; Forel, 1899c: 78; Wheeler, W.M. 1910g: 139.

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

Monomorium in Myrmicinae, Monomoriini: Wheeler, W.M. 1915h: 45; Dlussky & Fedoseeva, 1988: 80.

Monomorium in Myrmicinae, *Monomorium* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

Monomorium in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Arnold, 1916: 203; Forel, 1917: 242; Emery, 1922e: 166; Wheeler, W.M. 1922a: 662; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Monomorium as genus: all authors.

Junior synonyms of *MONOMORIUM*

Phacota Roger, 1862b: 260. Type-species: *Phacota sichelii* Roger, 1862b: 262, by monotypy.

Taxonomic history

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

Phacota in Myrmicinae: Mayr, 1865: 22 [Myrmicidae]; Emery & Forel, 1879a: 464 [Myrmicidae]; Dalla Torre, 1893: 71.

Phacota in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

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

Phacota in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 187; Wheeler, W.M. 1922a: 662; all subsequent authors except the entry below; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106.

Phacota in Myrmicinae, *Solenopsis* genus group: Bolton, 1987: 271.

Phacota as genus: Bolton, 1987: 281.

Phacota as junior synonym of *Monomorium*: Ettershank, 1966: 82; Fernández, in Heterick, 2006: 79; Fernández, 2007b: 130.

Trichomyrmex Mayr, 1865: 19. Type-species: *Trichomyrmex rogeri* Mayr, 1865: 19, by monotypy.

Taxonomic history

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

Trichomyrmex in Myrmicinae: Mayr, 1865: 19 [Myrmicidae]; Dalla Torre, 1893: 72.

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

Trichomyrmex in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 185; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 733.

Trichomyrmex as genus: all authors to the following

Trichomyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 296.

****Lampromyrmex*** Mayr, 1868c: 93. Type-species: **Monomorium mayrianum* Wheeler, W.M. 1915h: 45 (replacement name for **Lampromyrmex gracillimus* Mayr, 1868c: 95, junior secondary homonym in *Monomorium*), by monotypy.

Taxonomic history

**Lampromyrmex* in Myrmicinae, Pheidolidae: Emery, 1877a: 81.

**Lampromyrmex* in Myrmicinae: Mayr, 1868c: 93 [Myrmicinae]; Dalla Torre, 1893: 78.

**Lampromyrmex* in Myrmicinae, Solenopsidini: Emery, 1922e: 183 [subtribe Monomoriini]; Donisthorpe, 1943f: 655.

**Lampromyrmex* as subgenus of *Monomorium*: Emery, 1922e: 183; Wheeler, W.M. 1922a: 676.

**Lampromyrmex* as junior synonym of *Monomorium*: Wheeler, W.M. 1915h: 45; Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 299.

Holcomyrmex Mayr, 1879: 671. Type-species: *Holcomyrmex scabriceps* Mayr, 1879: 672, by subsequent designation of Bingham, 1903: 280.

Taxonomic history

[*Holcomyrmex* Smith, F. 1873: ix, *nomen nudum*, attributed to Mayr.]

Holcomyrmex in Myrmicinae: Dalla Torre, 1893: 65.

Holcomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383.

Holcomyrmex in Myrmicinae, Solenopsidini: Emery, 1922e: 181 [subtribe Monomoriini]; Donisthorpe, 1943f: 650.

Holcomyrmex as genus: Dalla Torre, 1893: 65; Forel, 1903a: 692; Bingham, 1903: 280.

Holcomyrmex as subgenus of *Monomorium*: Wheeler, W.M. 1910g: 139; Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 181; Wheeler, W.M. 1922a: 676.

Holcomyrmex as junior synonym of *Monomorium*: Emery, 1908h: 667; Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 295.

Epoecus Emery, 1893a: cclxxvi. Type-species: *Epoecus pergandei* Emery, 1893a: cclxxvi, by monotypy.

Taxonomic history

Epoecus in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

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

Epoecus in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Anergatini]; Forel, 1917: 243; Emery, 1922e: 204; Wheeler, W.M. 1922a: 663; Donisthorpe, 1943f: 643.

Epoecus as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 287.

Wheeleriella Forel, 1907f: 145.

Taxonomic history

[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; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943g: 735.

Wheeleriella as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 291.

Junior homonym replaced by *Wheeleriella*

Wheeleria Forel, 1905b: 171. Type-species: *Wheeleria santschii* Forel, 1905b: 171, by monotypy.

Taxonomic history

[Junior homonym of *Wheeleria* Tutt, 1905: 37 (Lepidoptera).]

Epixenus Emery, 1908f: 556. Type-species: *Epixenus andrei* Emery, 1908f: 557 (junior secondary homonym in *Monomorium*; replacement name: *Monomorium advena* Brown & Wilson, 1957b: 244), by subsequent designation of Wheeler, W.M. 1911f: 163.

Taxonomic history

Epixenus in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 184; Wheeler, W.M. 1922a: 662; Donisthorpe, 1943f: 643.

Epixenus as junior synonym of *Monomorium*: Brown & Wilson, 1957bb: 244; Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 287; Tinaut & Ortiz, 1988: 167.

Mitara Emery, 1913b: 261 [as subgenus of *Monomorium*]. Type-species: *Monomorium laeve* Mayr, 1876: 101, by original designation.

Taxonomic history

Mitara in Myrmicinae, Solenopsidini: Arnold, 1916: 238; Forel, 1917: 242 [subtribe Monomoriini]; all subsequent authors.

Mitara as subgenus of *Monomorium*: Emery, 1913b: 261; Emery, 1915i: 190; Arnold, 1916: 238; Forel, 1917: 242.

Mitara as junior synonym of **Lampromyrmex*: Emery, 1922e: 183; Wheeler, W.M. 1922a: 162, 676.

Mitara as genus: Donisthorpe, 1943f: 662.

Mitara as junior synonym of *Monomorium*: Smith, D.R. 1979: 1381; Bolton, 1987: 299.

Chelaner Emery, 1914f: 410 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Chelaner) forcipatum* Emery, 1914f: 410, by subsequent designation of Emery, 1922e: 168.

Taxonomic history

Chelaner in Myrmicinae, Solenopsidini: Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 168; all subsequent authors except the following.

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

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

Chelaner as subgenus of *Monomorium*: Emery, 1914f: 410; Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 168; Wheeler, W.M. 1922a: 676.

Chelaner as genus: Ettershank, 1966: 93; Taylor & Brown, D.R. 1985: 55; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80 (anachronism).

Chelaner (and its junior synonyms *Notomyrmex*, *Protholcomyrmex*, *Schizopelta*) as junior synonym of *Monomorium*: Bolton, 1987: 300; Heterick, 2001: 354.

Notomyrmex Emery, 1915i: 190 [as subgenus of *Monomorium*]. Type-species: *Atta antarctica* Smith, F. 1858b: 167, by original designation (see note in Bolton, 1987: 288).

Taxonomic history

Notomyrmex as subgenus of *Monomorium*: Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 168; Wheeler, W.M. 1922a: 676; Kusnezov, 1956: 20.

Notomyrmex as genus: Kusnezov, 1957a: 269 (in key); Kusnezov, 1960b: 343; Kusnezov, 1962b: 160; Kusnezov, 1964: 60.

Notomyrmex as junior synonym of *Chelaner*: Ettershank, 1966: 93.

Parholcomyrmex Emery, 1915i: 190 [as subgenus of *Monomorium*]. Type-species: *Myrmica gracillima* Smith, F. 1861a: 34 (junior synonym of *Atta destructor* Jerdon, 1851: 105), by original designation.

Taxonomic history

Parholcomyrmex as subgenus of *Monomorium*: Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 179; Wheeler, W.M. 1922a: 676; subsequent authors to the following.

Parholcomyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 296.

[*Paraholcomyrmex*: incorrect subsequent spelling by Emery, 1915i: 191 and Forel, 1917: 242.]

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*: Forel, 1917: 242; Emery, 1922e: 175; Wheeler, W.M. 1922a: 677.

Xeromyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 294.

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

Taxonomic history

Syllophopsis in Myrmicinae, Solenopsidini: Forel, 1917: 242 [subtribe Monomoriini]; Emery, 1922e: 175; all subsequent authors to the following.

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

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

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 genus: Santschi, 1921c: 119; Santschi, 1936a: 32; Ettershank, 1966: 100.

Syllophopsis as junior synonym of *Monomorium*: Bolton, 1987: 287.

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

Corynomyrmex Viehmeyer, 1916a: 133 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Corynomyrmex) hospitum* Viehmeyer, 1916a: 133, by monotypy.

Taxonomic history

Corynomyrmex as subgenus of *Monomorium*: Viehmeyer, 1916a: 133; Forel, 1917: 242; Emery, 1922e: 174.

Corynomyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82 [provisional]; Smith, D.R. 1979: 1381; Bolton, 1987: 287.

Isolcomyrmex Santschi, 1917b: 296 [as subgenus of *Monomorium*]. Type-species: *Holcomyrmex santschii* Forel, 1907b: 203 (junior secondary homonym in *Monomorium*; replacement name: *Monomorium santschianum* Ettershank, 1966: 92), by monotypy.

Taxonomic history

Isolcomyrmex as subgenus of *Monomorium*: Santschi, 1917b: 296; Wheeler, W.M. 1922a: 676.

Isolcomyrmex as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 296.

[*Isholcomyrmex*: incorrect subsequent spelling by Santschi, 1936a: 32.]

Paraphacota Santschi, 1919d: 90. Type-species: *Paraphacota surcoufi* Santschi, 1919d: 90 (junior synonym of *Myrmica subopaca* Smith, F. 1858b: 127), by monotypy.

Taxonomic history

[Type-species not *Phacota noualhieri* Emery, 1895b: 67, unjustified subsequent designation by Santschi, 1927d: 245; repeated in Ettershank, 1966: 82 and Bolton, 1973a: 352.]

Paraphacota in Myrmicinae, Solenopsidini: Wheeler, W.M. 1922a: 663; Donisthorpe, 1943f: 681.

Paraphacota as junior synonym of *Monomorium*: Santschi, 1927d: 243; Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 293.

Equestrimessor Santschi, 1919d: 92 [as subgenus of *Monomorium*]. Type-species: *Holcomyrmex chobauti* Emery, 1896j: 418, by subsequent designation of Donisthorpe, 1943f: 644.

Taxonomic history

Equestrimessor as subgenus of *Monomorium*: Santschi, 1919d: 92; Wheeler, W.M. 1922a: 677; Santschi, 1936a: 32.

Equestrimessor as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 287, 297.

[*Equessimessor*: incorrect subsequent spelling by Santschi, 1936a: 32.]

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 junior synonym of *Monomorium*: Ettershank, 1966: 82 [provisional]; Smith, D.R. 1979: 1381; Espadaler, 1982b: 112; Bolton, 1987: 293.

Protholcomyrmex Wheeler, W.M. 1922a: 162 [as subgenus of *Monomorium*]. Type-species: *Monomorium rothsteini* Forel, 1902h: 444, by original designation.

Taxonomic history

Protholcomyrmex as junior synonym of *Chelaner*: Ettershank, 1966: 93.

Ireneidris Donisthorpe, 1943c: 81. Type-species: *Ireneidris myops* Donisthorpe, 1943c: 81 (junior synonym of *Monomorium subcoecum australicum* Forel, 1907a: 20), by original designation.

Taxonomic history

Ireneidris in Myrmicinae, Solenopsidini [subtribe Monomoriini]: Donisthorpe, 1943c: 82.

Ireneidris as junior synonym of *Monomorium*: Ettershank, 1966: 82; Smith, D.R. 1979: 1381; Bolton, 1987: 298.

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

Taxonomic history

Schizopelta as junior synonym of *Chelaner*: Ettershank, 1966: 93.

Nothidris Ettershank, 1966: 105. Type-species: *Monomorium latastei* Emery, 1895i: 10, by original designation.

Taxonomic history

Nothidris in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

Nothidris in Myrmicinae, Megalomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Nothidris in Myrmicinae, Solenopsidini: Kempf, 1972a: 165; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Nothidris as junior synonym of *Monomorium*: Fernández, in Heterick, 2006: 79; Fernández, 2007b: 130.

Pharaophanes Bernard, 1967: 168 (attributed to Santschi) [as subgenus of *Monomorium*]. Type-species: *Formica pharaonis* Linnaeus, 1758: 580, by monotypy.

Taxonomic history

[*Pharaophanes* Bernard, 1953b: 238 (attributed to Santschi) [as subgenus of *Monomorium*]. Unavailable name; proposed without designation of type-species. Species included by Bernard (1953) are all referable to *Monomorium*: Bolton, 1987: 288; Bolton, 1995b: 42 (see also note in Baroni Urbani, 1971c: 90).]

Pharaophanes as junior synonym of *Monomorium*: Bolton, 2003: 213.

Antichthonidris Snelling, R.R. 1975: 5. Type-species: *Monomorium denticulatum* Mayr, 1887: 614, by original designation.

Taxonomic history

Antichthonidris in Myrmicinae, *Solenopsis* genus group: Bolton, 1987: 271.

Antichthonidris in Myrmicinae, Solenopsidini: Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Antichthonidris as junior synonym of *Monomorium*: Heterick, 2001: 361.

Epelysidris Bolton, 1987: 279. Type-species: *Epelysidris brocha* Bolton, 1987: 280, by original designation.

Taxonomic history

Epelysidris in Myrmicinae, *Solenopsis* genus group: Bolton, 1987: 271.

Epelysidris in Myrmicinae, Solenopsidini: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106; Bolton, 1995a: 1049; Bolton, 1995b: 188.

Epelysidris as junior synonym of *Monomorium*: Fernández, in Heterick, 2006: 79; Fernández, 2007b: 130.

***Monomorium* catalogues:** Roger, 1863b: 30, 31 (*Phacota, Monomorium*); Mayr, 1863: 429, 440 (*Monomorium, Phacota*); Emery & Forel, 1879: 456, 464 (Europe *Monomorium, Phacota*); Cresson, 1887: 262 (U.S.A. *Monomorium*); Dalla Torre, 1893: 65, 65, 71, 72, 78 (*Holcomyrmex, Monomorium, Phacota, Trichomyrmex, *Lampromyrmex*); Emery, 1922e: 166, 168, 168, 170, 174, 175, 175, 179, 181, 183, 184, 185, 186, 187, 204 (*Monomorium, M. (Chelaner), M. (Notomyrmex), M. (Monomorium), M. (Corynomyrmex), M. (Syllophopsis), M. (Xeromyrmex), M. (Parholcomyrmex), M. (Holcomyrmex), M. (Lampromyrmex), Epixenus, Trichomyrmex, Wheeleriella, Phacota, Epoecus*); Wheeler, W.M. 1922a: 862, 1026 (Afrotropical, Malagasy); Chapman & Capco, 1951: 162, 169 (Asia *Ireneidris, Monomorium, Trichomyrmex, Wheeleriella*); Smith, M.R. 1951a: 810, 815 (North America *Monomorium, Epoecus*); Ettershank, 1966: 82, 93, 100 (*Monomorium, Chelaner, Syllophopsis*); Kempf, 1972a: 143, 165 (Neotropical *Monomorium, Nothidris*); Smith, D.R. 1979: 1381 (North America); Taylor & Brown, D.R. 1985: 55, 70 (Australia *Chelaner, Monomorium*); Taylor, 1987a: 19, 40 (Australia, New Caledonia, New Zealand *Chelaner, Monomorium*); Taylor, 1987b: 2 (Australia, New Caledonia, New Zealand *Monomorium*); Brandão, 1991: 326, 357, 361 (Neotropical *Antichthonidris, Monomorium, Nothidris*); Bolton, 1995b: 67, 258, 292, 316 (*Antichthonidris, Monomorium, Nothidris, Phacota*).

***Monomorium* references:** Mayr, 1865: 19, 22 (*Trichomyrmex, Monomorium, Phacota* diagnoses); Mayr, 1867a: 95 (*Monomorium* diagnosis); Mayr, 1876: 100 (Australia *Monomorium* species key); Emery, 1881b: 530 (Mediterranean & Red Sea *Monomorium* species key); André, 1883a: 331, 343 (Europe & Algeria *Monomorium, Holcomyrmex* species keys); André, 1883b: 397 (*Phacota*); Nasonov, 1889: 69 (Russia *Monomorium* species key); Forel, 1903a: 685, 692 (India & Sri Lanka *Monomorium, Holcomyrmex* species keys); Bingham, 1903: 200, 282 (India, Sri Lanka & Burma *Monomorium, Holcomyrmex* species keys); Ruzsky, 1905b: 633 (Russian Empire *Monomorium* species key); Emery, 1908h: 664 (Palaearctic *Monomorium* species key); Emery, 1915i: 190 (*Monomorium* subgenera key); Arnold, 1916: 203, 204 (*Monomorium* diagnosis, South Africa species key); Emery, 1916b: 161 (Italy *Monomorium* species key); Santschi, 1921c: 120 (*Syllophopsis* species key); Emery, 1922e: 166, 168,

168, 170, 174, 175, 175, 179, 181, 183, 184, 185, 186, 187, 204 (*Monomorium* subgenera key, *M.* (*Chelaner*), *M.* (*Notomyrmex*), *M.* (*Monomorium*), *M.* (*Corynomyrmex*), *M.* (*Syllophopsis*), *M.* (*Xeromyrmex*), *M.* (*Parholcomyrmex*), *M.* (*Holcomyrmex*), *M.* (*Lampromyrmex*), *Epixenus*, *Trichomyrmex*, *Wheeleriella*, *Phacota*, *Epoecus* diagnoses); Wheeler, W.M. 1922a: 161, 675 (*Monomorium* diagnosis, subgenera key); Menozzi, 1933b: 64 (Israel *Monomorium* species key); Santschi, 1936a: 33 (Mediterranean & Africa *M.* (*Xeromyrmex*) key); Buren, 1944a: 289 (U.S.A., Iowa *Monomorium* species key); Kusnezov, 1949a: 431 (Argentina *Monomorium* species); Creighton, 1950a: 217 (*Monomorium Nearctic species key*); Creighton, 1950a: 239 (*Epoecus*, review of genus); Bernard, 1955b: 282 (*Epixenus* species key); Brown, 1958h: 28 (New Zealand *Monomorium* species key); Gregg, 1963: 367 (U.S.A., Colorado *Monomorium* species key); Ettershank, 1966: 82, 93, 100 (*Monomorium*, *Chelaner*, *Syllophopsis* diagnoses, reviews of genera); Bernard, 1967: 165 (*Monomorium* diagnosis, Western Europe species key); Alayo, 1974: 14 (Cuba *Monomorium* species key); Snelling, R.R. 1975: 5 (*Nothidris all species key*); Snelling, R.R. & Hunt, 1976: 79 (*Nothidris all species key*); Arnol'di & Dlussky, 1978: 538 (former European U.S.S.R. *Monomorium* species key); Collingwood, 1978: 82 (Iberian Peninsula *Monomorium* species key); Tohmé & Tohmé, 1980a: 1087 (Lebanon & Syria *Epixenus* species key); Collingwood, 1985: 267 (Saudi Arabia *Monomorium* species key); DuBois, 1986: 74 (*Monomorium Nearctic species revision, key*); Bolton, 1987: 281, 283, 284, 287 (*Phacota* review of genus, *Antichthonidris* review of genus, *Nothidris* review of genus, *Monomorium* diagnosis, review of genus, *Afrotropical species revision, key*); Agosti & Collingwood, 1987b: 272 (Balkans *Monomorium* species key); Hölldobler & Wilson, 1990: 14 (synoptic classification); Dlussky, Soyunov & Zabelin, 1990: 231 (Turkmenistan *Monomorium* species key); Morisita, Kubota, *et al.* 1992: 38 (Japan *Monomorium* species key); Arakelian, 1994: 46 (Armenia *Monomorium* species key); Bolton, 1995a: 1048, 1050, 1051 (census); Wu, J. & Wang, 1995: 88 (China *Monomorium* species key); Collingwood & Agosti, 1996: 337 (Saudi Arabia *Monomorium* species key); Radchenko, 1997f: 211 (*M. scabriceps* group revision, key); Collingwood & Prince, 1998: 19 (Portugal *Monomorium* species key); Shattuck, 1999: 145 (Australia synopsis); Heterick, 2001: 367 (*Monomorium Australia species revision, key*); Zhou, 2001b: 112 (China, Guangxi *Monomorium* species key); Mackay & Mackay, 2002: 127 (U.S.A., New Mexico *Monomorium* species key); Heterick, 2006: 84 (*Monomorium Malagasy species revision, key*); Andersen, 2007: 37 (Australia species groups); Fernández, 2007b: 139 (*Monomorium Neotropical species key*); Terayama, 2009: 154 (Taiwan species key); Heterick, 2009: 158 (south-western Australia species key); Aldawood & Sharaf, 2011: 52 (Saudi Arabia *M. monomorium* group key); Sarnat & Economo, 2012: 86 (Fiji Is species key); Sharaf & Aldawood, in El-Hawagry, *et al.* 2013: 73 (Arabian *M. monomorium* group key); Sharaf & Aldawood, 2013: 80 (Afrotropical *M. hildebrandti* group key).

Genus *OXYEPOECUS*

Oxyepoecus Santschi, 1926d: 6. Type-species: *Oxyepoecus bruchi* Santschi, 1926d: 6, by monotypy.

Taxonomic history

Oxyepoecus in Myrmicinae, Pheidolini: Donisthorpe, 1943f: 679.

Oxyepoecus in Myrmicinae, *Solenopsis* genus group: Ettershank, 1966: 81; Bolton, 1987: 271.

Oxyepoecus in Myrmicinae, Solenopsidini: Kusnezov, 1957a: 269; Kusnezov, 1962b: 160; Kusnezov, 1964: 61; Kempf, 1972a: 173; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Oxyepoecus as genus: all authors.

Junior synonyms of *OXYEPOECUS*

Forelifidis Smith, M.R. 1954a: 17.

Taxonomic history

[Replacement name for *Martia* Forel, 1907a: 20; junior homonym of *Martia* Ragonot, 1887: 18 (Lepidoptera).]

Forelifidis as junior synonym of *Oxyepoecus*: Brown, 1955b: 68.

Junior homonym replaced by *Forelifidis*

Martia Forel, 1907a: 20 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Martia) vezenyii* Forel, 1907a: 20, by monotypy.

Taxonomic history

[Junior homonym of *Martia* Ragonot, 1887: 18 (Lepidoptera).]

Martia as subgenus of *Monomorium*: Forel, 1907a: 20; Wheeler, W.M. 1910g: 139; Emery, 1915i: 190; Forel, 1917: 242; Emery, 1922e: 182; Wheeler, W.M. 1922a: 676; subsequent authors.

***Oxyepoecus* catalogues:** Emery, 1922e: 182 (*Monomorium (Martia)*); Ettershank, 1966: 144; Kempf, 1972a: 173; Bolton, 1995b: 301.

***Oxyepoecus* references:** Emery, 1922e: 182 (*Monomorium (Martia)* diagnosis); Borgmeier, 1927b: 65 (*Monomorium (Martia)* all species key); Kusnezov, 1952h: 720 (Argentina species key); Ettershank, 1966: 144 (diagnosis, review of genus); Kempf, 1974b: 510 (diagnosis, **all species revision, key**); Bolton, 1987: 286 (notes); Bolton, 1995a: 1051 (census); Albuquerque & Brandão, 2004: 55 (*O. vezenyii* group revision, key); Albuquerque & Brandão, 2009: 292 (*O. rastratus* group revision, **all species key**); Delsinne, Mackay, et al. 2011: 7 (Paraguay species key).

Genus *PHEIDOLOGETON*

Pheidologeton Mayr, 1862: 750. Type-species: *Oecodoma diversa* Jerdon, 1851: 109, by subsequent designation of Bingham, 1903: 160.

Taxonomic history

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

Pheidologeton in Myrmicinae: Mayr, 1865: 22 [Myrmicidae]; Dalla Torre, 1893: 72.

Pheidologeton in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1922a: 663.

Pheidologeton in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Pheidologeton in Myrmicinae, Pheidologetini: Emery, 1914a: 41; Forel, 1917: 243; Emery, 1924d: 211; Drusky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106 [Pheidologetonini].

Pheidologeton in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Pheidologeton as genus: all authors.

[*Phidologeton*: incorrect subsequent spelling by Bingham, 1903: 160.]

Junior synonyms of *PHEIDOLOGETON*

Amauromyrmex Wheeler, W.M. 1929b: 1. Type-species: *Amauromyrmex speculifrons* Wheeler, W.M. 1929b: 1 (junior synonym of *Pheidole silenus* Smith, F. 1858b: 176), by original designation.

Taxonomic history

Amauromyrmex in Myrmicinae, Pheidologetini: Wheeler, W.M. 1929b: 3; all subsequent authors.

Amauromyrmex as junior synonym of *Pheidologeton*: Ettershank, 1966: 115.

Idrisella Santschi, 1937h: 372. Type-species: *Pheidologeton dentiviridis* Forel, 1913f: 192, by original designation.

Taxonomic history

Idrisella in Myrmicinae, Pheidologetini: Donisthorpe, 1943f: 653.

Idrisella as junior synonym of *Pheidologeton*: Ettershank, 1966: 115.

***Pheidologeton* catalogues:** Roger, 1863b: 30; Mayr, 1863: 442; Dalla Torre, 1893: 72; Wheeler, W.M. 1922a: 880 (Afrotropical); Emery, 1924d: 211; Chapman & Capco, 1951: 155, 158 (Asia *Amauromyrmex*, *Pheidologeton*); Ettershank, 1966: 115; Taylor & Brown, D.R. 1985: 79 (Australia); Taylor, 1987a: 55 (Australia); Bolton, 1995b: 333.

***Pheidologeton* references:** Mayr, 1865: 22 (diagnosis); Mayr, 1867a: 100 (diagnosis); Forel, 1903a: 690 (India & Sri Lanka species key); Bingham, 1903: 162 (India, Sri Lanka & Burma species key); Wheeler, W.M. 1922a: 682 (subgenera key); Emery, 1924d: 211 (diagnosis); Ettershank, 1966: 115 (diagnosis, review of genus); Bolton, 1995a: 1051 (census); Wu, J. & Wang, 1995: 72 (China species key); Shattuck, 1999: 156 (Australia synopsis); Zhou, 2001b: 89 (China, Guangxi species key); Zhou, Zhao & Jia, 2006: 870 (China species key); Terayama, 2009: 156 (Taiwan species key).

Genus *SOLENOPSIS*

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 Poneridae, Attidae: Smith, F. 1858b: 177.

Solenopsis in Attidae: 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]; Emery & Forel, 1879a: 464 [Myrmicidae]; Dalla Torre, 1893: 75.

Solenopsis in Myrmicinae, *Solenopsis* genus group: Ettershank, 1966: 81; Bolton, 1987: 271.

Solenopsis in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Forel, 1895b: 130; Emery, 1895j: 770; Forel, 1899c: 79; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 41; Arnold, 1916: 242; Forel, 1917: 243; Emery, 1922e: 195; 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.

Solenopsis as genus: all authors.

Junior synonyms of *SOLENOPSIS*

Diplorhoptrum Mayr, 1855: 449. Type-species: *Formica fugax* Latreille, 1798: 46, by monotypy.

Taxonomic history

Diplorhoptrum in Myrmicinae: Mayr, 1855: 449 [Myrmicidae]; Mayr, 1861: 72 [Myrmicidae].

Diplorhoptrum in Myrmicinae, Solenopsidini: Emery, 1922e: 195; all subsequent authors.

Diplorhoptrum as genus: Mayr, 1855: 449; Baroni Urbani, 1968b: 68; Kutter, 1977c: 98; Bernard, 1978a: 543; Arnol'di & Dlussky, 1978: 539; Collingwood, 1979: 64; Dlussky & Fedoseeva, 1988: 80; Kupyanskaya, 1990: 132; Atanasov & Dlussky, 1992: 167; Dlussky & Radchenko, 1994: 102; Baroni Urbani, 1995: 20 (footnote).

Diplorhoptrum as subgenus of *Solenopsis*: Creighton, 1930b: 43; Santschi, 1934e: 566 (in text), 568; Creighton, 1950a: 233; Smith, M.R. 1951a: 813; Kusnezov, 1956: 27; Kusnezov, 1957a: 273; Kusnezov, 1962b: 160; Smith, M.R. 1967: 358.

Diplorhoptrum as junior synonym of *Solenopsis*: Mayr, 1862: 751; Roger, 1863b: 32; Mayr, 1863: 453; Emery & Forel, 1879a: 464; Dalla Torre, 1893: 75; Forel, 1915d: 9; Emery, 1922e: 195; Wheeler, W.M. 1922a: 877; Donisthorpe, 1943f: 639; Ettershank, 1966: 134; Kempf, 1972a: 232; Smith, D.R. 1979: 1384; Bolton, 1987: 285; Bolton, 1994: 106; Bolton, 1995b: 27.

Carebarella Emery, 1906c: 137. Type-species: *Carebarella bicolor* Emery, 1906c: 138, by monotypy.

Taxonomic history

Carebarella in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81; in *Solenopsis* genus group: Bolton, 1987: 271.

Carebarella in Myrmicinae, Megalomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Carebarella in Myrmicinae, Solenopsidini: Wheeler, W.M. 1910g: 140; Emery, 1914a: 41; Forel, 1917: 243; Emery, 1922e: 193; Wheeler, W.M. 1922a: 663; Hölldobler & Wilson, 1990: 16; Jaffe, 1993: 10; Bolton, 1994: 106.

Carebarella as junior synonym of *Solenopsis*: Pacheco & Mackay, 2013: 37 (by implication as type-species of *Carebarella* transferred to *Solenopsis*).

Octella Forel, 1915b: 70 [as subgenus of *Oligomyrmex*]. Type-species: *Oligomyrmex (Octella) pachycerus* Forel, 1915b: 69, by original designation.

Taxonomic history

Octella as subgenus of *Oligomyrmex*: Forel, 1917: 243; Wheeler, W.M. 1922a: 687; Emery, 1924d: 218.

Octella as junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

Octella as junior synonym of *Solenopsis*: Taylor, 1991db: 611.

Synsolenopsis Forel, 1918b: 155 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis (Sunsolenopsis) 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.

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*: Ettershank, 1966: 134.

Diagyne Santschi, 1923c: 268 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis succinea* Emery, 1890b: 52, by monotypy.

Taxonomic history

Diagyne in Myrmicinae, Solenopsidini: Donisthorpe, 1943f: 638.

Diagyne as subgenus of *Solenopsis*: Santschi, 1923c: 268; Creighton, 1930b: 42; Kusnezov, 1962b: 160.

Diagyne junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Labauchena Santschi, 1930d: 81. Type-species: *Labauchena daguerrei* Santschi, 1930d: 81, by monotypy.

Taxonomic history

Labauchena in Myrmicinae, Solenopsidini: Santschi, 1930d: 81; all subsequent authors.

Labauchena as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Euophthalma Creighton, 1930b: 43 [as subgenus of *Solenopsis*]. Type-species: *Myrmica globularia* Smith, F. 1858b: 131, by original designation.

Taxonomic history

Euophthalma as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Oedaleocerus Creighton, 1930b: 43 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis angulata* Emery, 1894g: 393 (footnote) (junior synonym of *Solenopsis parva* Mayr, 1868b: 175), by original designation.

Taxonomic history

Oedaleocerus in Myrmicinae, Solenopsidini: Donisthorpe, 1943f: 677.

Oedaleocerus as subgenus of *Solenopsis*: Creighton, 1930b: 43.

Oedaleocerus as genus: Kusnezov, 1957a: 272; Kusnezov, 1962b: 160; Kusnezov, 1964: 61.

Oedaleocerus as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Carebarelloides Borgmeier, 1937b: 236 [as subgenus of *Carebarella*]. Type-species: *Carebarella (Carebarelloides) condei* Borgmeier, 1937b: 236, by original designation.

Taxonomic history

Carebarelloides as junior synonym of *Carebarella*: Ettershank, 1966: 113.

Carebarelloides as junior synonym of *Solenopsis*: Pacheco & Mackay, 2013: 37 (by implication as type-species of *Carebarella* transferred to *Solenopsis*).

Bisolenopsis Kusnezov, 1953d: 9. Type-species: *Bisolenopsis sea* Kusnezov, 1953d: 9, by monotypy.

Taxonomic history

Bisolenopsis in Myrmicinae, Solenopsidini: Kusnezov, 1953d: 9; Kusnezov, 1957a: 272; Kusnezov, 1962b: 159; Kusnezov, 1964: 61.

Bisolenopsis as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

[*Disolenopsis*: incorrect subsequent spelling by Snelling, R.R. 1981: 397.]

Paranamyrmex Kusnezov, 1953d: 17. Type-species: *Paranamyrmex solenopsidis* Kusnezov, 1953d: 17, by monotypy.

Taxonomic history

[*Paranamyrmex* also described as new by Kusnezov, 1954a: 9.]

Paranamyrmex in Myrmicinae, Solenopsidini: Kusnezov, 1957a: 267 (in key); Kusnezov, 1962b: 160; Kusnezov, 1964: 61.

Paranamyrmex as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Granisolenopsis Kusnezov, 1956: 26 [as subgenus of *Solenopsis*] (diagnosis in key). Type-species: *Solenopsis (Granisolenopsis) granivora* Kusnezov, 1957a: 277, by original designation.

Taxonomic history

[*Granisolenopsis* also described as new by Kusnezov, 1957a: 277.]

Granisolenopsis as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

Lilidris Kusnezov, 1956: 26 (diagnosis in key). Type-species: *Lilidris metatarsalis* Kusnezov, 1957a: 274, by original designation.

Taxonomic history

[*Lilidris* also described as new by Kusnezov, 1957a: 274 and Kusnezov, 1958b: 189.]

Lilidris in Myrmicinae, Solenopsidini: Kusnezov, 1957a: 274; Kusnezov, 1958b: 189; Kusnezov, 1962b: 159; Kusnezov, 1964: 61.

Lilidris as junior synonym of *Solenopsis*: Ettershank, 1966: 134.

***Solenopsis* catalogues:** Roger, 1863b: 32; Mayr, 1863: 453; Emery & Forel, 1879: 464 (Europe cat.); 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, D.R. 1985: 87 (Australia); Taylor, 1987a: 72 (Australia, New Caledonia); Brandão, 1991: 336, 378 (Neotropical *Carebarella, Solenopsis*); Bolton, 1995b: 134, 386 (*Carebarella, Solenopsis*).

***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. (Euophthalma)* 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, Soyunov & Zabelin, 1990: 240 (Turkmenistan species key); Trager, 1991: 141 (*S. geminata* group revision, key); Morisita, Kubota, *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); 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**).

Genus *TRANOPELTA*

Tranopelta Mayr, 1866a: 512. Type-species: *Tranopelta gilva* Mayr, 1866a: 514, by monotypy.

Taxonomic history

Tranopelta in Myrmicinae, Pheidolidae: Emery, 1877a: 81.

Tranopelta in Myrmicinae: Dalla Torre, 1893: 74.

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; Forel, 1917: 243; Emery, 1922e: 192; Wheeler, W.M. 1922a: 663; all subsequent authors except the entries below; Kempf, 1972a: 255; Jaffe, 1993: 10.

Tranopelta in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81.

Tranopelta in Myrmicinae, *Megalomyrmecini*: Dlussky & Fedoseeva, 1988: 80.

Tranopelta in Myrmicinae, *Ochetomyrmecini*: Bolton, 1994: 106.

Tranopelta in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

Tranopelta as genus: all authors.

***Tranopelta* catalogues:** Dalla Torre, 1893: 74; 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); Bolton, 1995a: 1053 (census); Fernández, 2003c: 646 (**all species revision, key**).

Genus **TROPIDOMYRMEX**

Tropidomyrmex Silva, Feitosa, et al. 2009: 34. Type-species: *Tropidomyrmex elianae* Silva, Feitosa, et al. 2009: 39, by original designation.

Taxonomic history

Tropidomyrmex in Myrmicinae, Solenopsidini: Silva, Feitosa, et al. 2009: 46.

Genus **TYRANNOMYRMEX**

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* references:** Alpert, 2013: 287 (**all species key**).

Genera *incertae sedis* in Solenopsidini

Genus ***HYPOPOMYRMEX**

****Hypopomyrmex*** Emery, 1891a: 148. Type-species: **Hypopomyrmex bombicci* Emery, 1891a: 149, by monotypy.

Taxonomic history

**Hypopomyrmex* in Myrmicinae: Dalla Torre, 1893: 145.

**Hypopomyrmex* in Myrmicinae, Dacetini: Forel, 1892d: 344; Forel, 1893a: 164; Donisthorpe, 1943f: 652; Brown, 1948e: 102.

**Hypopomyrmex* in Myrmicinae, Dacetini, subtribe Hypopomyrmictini: Brown, 1952g: 10 (footnote).

**Hypopomyrmex* in Myrmicinae, Pheidologetini: Brown & Carpenter, 1979: 422; Bolton, 1994: 106 [Pheidologetonini].

**Hypopomyrmex incertae sedis* in Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

**Hypopomyrmex* in Myrmicinae, Solenopsidini: Bolton, 2003: 61.

**Hypopomyrmex* as genus: all authors.

****Hypopomyrmex* references:** Brown & Carpenter, 1979: 422 (genus reassessment).

Genus ***OXYIDRIS**

**Oxyidris* Wilson, 1985a: 5. Type-species: **Oxyidris antillana* Wilson, 1985a: 5, by original designation.

Taxonomic history

**Oxyidris incertae sedis* in Myrmicinae: Wilson, 1985a: 2.

**Oxyidris* in Myrmicinae, Solenopsidini: Dlussky & Fedoseeva, 1988: 80; Bolton, 2003: 61.

**Oxyidris* in Myrmicinae, Pheidologetini: Bolton, 1994: 106 [Pheidologetonini].

SYNOPSIS OF FORMICIDAE: SUBFAMILY MYRMICINAE (MYRMICOMORPHS) continued

Tribe MYRMICINI

Myrmicites Lepeletier de Saint-Fargeau, 1835: 169. Type-genus: *Myrmica* Latreille, 1804: 179.

Taxonomic history

Myrmicini as group name: Lepeletier de Saint-Fargeau, 1835: 169 [Myrmicites].

Myrmicini as tribe of Myrmicinae: Forel, 1891b: 143.

Myrmicini as tribe of Myrmicinae: Forel, 1893a: 164 [Myrmicini]; Forel, 1895b: 124 [Myrmicini]; Forel, 1899c: 52 [Myrmicini]; Wheeler, W.M. 1910g: 139 [Myrmicini]; Ashmead, 1905b: 383; Emery, 1914a: 35; Wheeler, W.M. 1915h: 51; Forel, 1917: 240; Emery, 1921f: 35; Wheeler, W.M. 1922a: 655; all subsequent authors.

Myrmicini references: Emery, 1895j: 768 (diagnosis); Wheeler, W.M. 1910g: 139 (diagnosis); Emery, 1914a: 35, 40 (diagnosis (in key), synoptic classification); Forel, 1917: 240 (synoptic classification); Emery, 1921f: 35 (diagnosis, genera key, catalogue); Wheeler, W.M. 1922a: 660 (genera key); Wheeler, G.C. & Wheeler, J. 1976b: 53 (larvae, review & synthesis); Kugler, C. 1978a: 414 (sting structure); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 390 (Neotropical fauna, synoptic classification); Bolton, 1994:

106 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 13 (catalogue); Fernández, 2003d: 319 (Neotropical genera); Bolton, 2003: 61, 220 (diagnosis, synopsis); Jansen & Savolainen, 2010: 482 (phylogeny of tribe).

Genera of Myrmicini: *Eutetramorium*, *Huberia*, *Hylomyrma*, *Malagidris*, *Manica*, *Myrmica*, *Myrmisaraka*, **Plesiomyrmex*, *Pogonomyrmex*, **Protomyrmica*, *Royidris*, *Secostruma*, *Vitsika*.

Genera of Myrmicini

Genus **EUTETRAMORIUM**

Eutetramorium Emery, 1899f: 280. Type-species: *Eutetramorium mocquerysi* Emery, 1899f: 281, by subsequent designation of Wheeler, W.M. 1911f: 163.

Taxonomic history

Eutetramorium in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41.

Eutetramorium in Myrmicinae, Tetramoriini: Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1915i: 192; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 291; subsequent authors to the entry below, including Wheeler, G.C. & Wheeler, J. 1985: 257.

Eutetramorium in Myrmicinae, Myrmicini: Bolton, 1976: 293; Bolton, 1994: 106; Bolton, 2003: 62.

Eutetramorium as genus: all authors.

***Eutetramorium* catalogues:** Wheeler, W.M. 1922a: 1032; Emery, 1924d: 291; Bolton, 1995b: 190.

***Eutetramorium* references:** Emery, 1924d: 291 (diagnosis); Kugler, C. 1979b: 255 (sting stucture); Bolton, 1995a: 1049 (census); Bolton & Fisher, 2014: 10 (diagnosis, **all species revision, key**).

Genus **HUBERIA**

Huberia Forel, 1890b: cv. Type-species: *Tetramorium striatum* Smith, F. 1876b: 481, by monotypy.

Taxonomic history

Huberia in Myrmicinae: Dalla Torre, 1893: 70.

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

Huberia in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 242; Emery, 1922e: 165; Wheeler, W.M. 1922a: 662.

Huberia incertae sedis in Myrmicinae: Ettershank, 1966: 81.

Huberia in Myrmicinae, Pheidolini: Bolton, 1995b: 31 [error].

Huberia in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106; Bolton, 2003: 62.

Huberia as genus: all authors.

***Huberia* catalogues:** Dalla Torre, 1893: 70; Emery, 1922e: 165; Ettershank, 1966: 155; Taylor, 1987a: 29; Bolton, 1995b: 212.

***Huberia* references:** Emery, 1922e: 165 (diagnosis); Brown, 1958h: 7 (**all species key**); Ettershank, 1966: 155 (diagnosis, review of genus); Bolton, 1995a: 1050 (census); Don, 2007: 88 (review of species).

Genus **HYLOMYRMA**

Hylomyrma Forel, 1912g: 16 [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex (Hylomyrma) columbianus* Forel, 1912g: 16, by original designation.

Taxonomic history

Hylomyrma in Myrmicinae, Myrmicini: Emery, 1921f: 49; Wheeler, W.M. 1922a: 660; all subsequent authors.

Hylomyrma as subgenus of *Pogonomyrmex*: Forel, 1912g: 16; Forel, 1917: 240; Emery, 1921f: 49; Donisthorpe, 1943f: 651; Kusnezov, 1951a: 245; Kusnezov, 1956: 18.

Hylomyrma as genus: Wheeler, W.M. 1922a: 660 (in key); Borgmeier, 1927c: 77; Brown, 1953h: 3; Kempf, 1964e: 54; all subsequent authors.

Junior synonym of **HYLOMYRMA**

Lundella Emery, 1915i: 191. Type-species: *Tetramorium reitteri* Mayr, 1887: 621, by original designation.

Taxonomic history

Lundella in Myrmicinae, Tetramoriini: Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Donisthorpe, 1943f: 658.

Lundella as junior synonym of *Hylomyrma*: Brown, 1953h: 3.

***Hylomyrma* catalogues:** Emery, 1921f: 49 (*Pogonomyrmex (Hylomyrma)*); Emery, 1924d: 292 (*Lundella*); Kempf, 1972a: 118; Brandão, 1991: 346; Bolton, 1995b: 213.

Hylomyrma references: Emery, 1921f: 49 (*Pogonomyrmex (Hylomyrma)* diagnosis); Emery, 1924d: 292 (*Lundella* diagnosis); Kempf, 1964e: 54 (all species key); Kempf, 1973b: 258 (diagnosis, all species revision, key); Kutter, 1977a: 86 (all species key); Bolton, 1995a: 1050 (census).

Genus **MALAGIDRIS**

Malagidris Bolton & Fisher, 2014: 16.

Taxonomic history

[Replacement name for *Brunella* Forel, 1917: 234; junior homonym of *Brunella* Smith, G.W. 1909: 87 (Crustacea).]

Malagadris in Myrmicinae, Eutetramorium group: Bolton & Fisher, 2014: 8.

Junior homonym replaced by *Malagidris*

Brunella Forel, 1917: 234. Type-species: *Aphaenogaster belti* Forel, 1895c: 248, by monotypy.

Taxonomic history

[Junior homonym of *Brunella* Smith, G.W. 1909: 87 (Crustacea).]

Brunella in Myrmicinae, Leptocephalini: Forel, 1917: 245.

Brunella in Myrmicinae, Myrmecinini: Wheeler, W.M. 1922a: 663; Emery, 1924d: 242; Donisthorpe, 1943f: 629.

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

Brunella incertae sedis in Myrmicinae: Dlussky & Fedoseeva, 1988: 80 (anachronism).

Brunella as junior synonym of *Atopula*: Emery, 1924d: 242; Donisthorpe, 1943f: 629.

Brunella as junior synonym of *Aphaenogaster*: Bolton, 1982: 364; Bolton, 1994: 106.

Malagidris references: Bolton & Fisher, 2014: 18 (diagnosis, revision, all species key).

Genus **MANICA**

Manica Jurine, 1807: 276. Type-species: *Formica rubida* Latreille, 1802c: 267, by subsequent designation of Wheeler, W.M. 1911f: 166.

Taxonomic history

Manica in Myrmicinae, Myrmicini: Wheeler, W.M. 1922a: 660; all subsequent authors.

Manica as junior synonym of *Myrmica*: Roger, 1863b: 28; Mayr, 1863: 431; Emery & Forel, 1879a: 460; Dalla Torre, 1893: 108; Forel, 1915d: 9.

Manica as subgenus of *Myrmica*: Emery, 1921f: 42; Wheeler, W.M. 1922a: 660; Smith, M.R. 1951a: 791.

Manica as genus: Jurine, 1807: 276; Weber, 1947: 439; Creighton, 1950a: 105; Smith, M.R. 1958c: 113; all subsequent authors.

Junior synonyms of *MANICA*

Neomyrma Forel, 1914a: 275 [as subgenus of *Aphaenogaster*]. Type-species: *Aphaenogaster (Neomyrma) calderoni* Forel, 1914a: 275 (junior synonym of *Myrmica bradleyi* Wheeler, W.M. 1909e: 77), by monotypy.

Taxonomic history

Neomyrma as subgenus of *Aphaenogaster*: Forel, 1914a: 275.

Neomyrma as subgenus of *Myrmica*: Forel, 1915c: 364 (in text); Emery, 1915d: 69; Emery, 1916b: 120; Forel, 1917: 241.

Neomyrma as genus: Bondroit, 1918: 97.

Neomyrma as junior synonym of *Myrmica*: Donisthorpe, 1916b: 242.

Neomyrma as junior synonym of *Manica*: Emery, 1921f: 42; Wheeler, W.M. 1922a: 660.

Oreomyrma Wheeler, W.M. 1914d: 118 (in text) [as subgenus of *Myrmica*]. Type-species: *Formica rubida* Latreille, 1802c: 267 (quoted by Wheeler as *Myrmica rubida*), by original designation.

Taxonomic history

Oreomyrma as junior synonym of *Neomyrma*: Wheeler, W.M. 1915a: 50; Forel, 1915c: 364; Forel, 1915d: 9; Donisthorpe, 1916b: 242. [*Manica* and *Oreomyrma* share the same type-species, synonymy is therefore absolute.]

***Manica* catalogues:** Emery, 1921f: 42 (*Myrmica (Manica)*); Smith, M.R. 1951a: 791 (North America); Smith, D.R. 1979: 1352 (North America); Bolton, 1995b: 249 (catalogue).

***Manica* references:** Wheeler, W.M. 1914d: 119 (U.S.A. species key); Emery, 1921f: 42 (*Myrmica (Manica)* diagnosis); Creighton, 1950a: 108 (**Nearctic species key**); Bernard, 1967: 125 (diagnosis); Allred, 1982: 440 (U.S.A., Utah species key); Wheeler, G.C. & Wheeler, J. 1986g: 25 (U.S.A., Nevada species key); Morisita, Kubota, *et al.* 1992: 13 (Japan species key); Bolton, 1995a: 1050 (census).

Genus *MYRMICA*

Myrmica Latreille, 1804: 179. Type-species: *Formica rubra* Linnaeus, 1758: 580, by subsequent designation of Latreille, 1810: 437; see also Yarrow, 1955b: 113.

Taxonomic history

Myrmica in Myrmicites: Lepeletier de Saint-Fargeau, 1835: 180.

Myrmica in Poneridae, Myrmicinae: Smith, F. 1858b: 114.

Myrmica in Myrmicinae: Smith, F. 1871a: 324; Cresson, 1887: 260.

Myrmica in Myrmicinae: Mayr, 1855: 396 [Myrmicinae]; Smith, F. 1857a: 70 [Myrmicinae]; Mayr, 1861: 62 [Myrmicinae]; Mayr, 1865: 19 [Myrmicinae]; Emery & Forel, 1879a: 460 [Myrmicinae]; Dalla Torre, 1893: 108.

Myrmica in Myrmicinae, Myrmicini: Forel, 1895b: 125; Emery, 1895j: 769; Forel, 1899c: 63; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 40; Wheeler, W.M. 1915h: 59; Forel, 1917: 241; Bondroit, 1918: 96; Emery, 1921f: 36; Wheeler, W.M. 1922a: 660; all subsequent authors.

Myrmica as genus: all authors.

Junior synonyms of *MYRMICA*

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

Taxonomic history

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

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

Sifolinia as junior synonym of *Myrmica*: Brown, 1973b: 184 [provisional]; Bolton, 1988a: 3; Radchenko & Elmes, 2003a: 219.

**Nothomyrmica* Wheeler, W.M. 1915h: 60. Type-species: **Macromischa rudis* Mayr, 1868c: 85, by original designation.

Taxonomic history

[**Nothomyrmica* Wheeler, W.M. 1908g: 413, and Wheeler, W.M. 1910g: 167, *nomina nuda*.]

**Nothomyrmica* in Myrmicinae, Myrmicini: Wheeler, W.M. 1915h: 60; all subsequent authors except the following.

**Nothomyrmica* in Myrmicinae, Tetramoriini: Donisthorpe, 1943f: 675 (error).

**Nothomyrmica* in Myrmicinae, Leptothoracini: Dlussky & Fedoseeva, 1988: 79; Bolton, 1994: 106; Bolton, 1995b: 292.

**Nothomyrmica incertae sedis* in Myrmicinae, Myrmicini: Bolton, 2003: 62.

**Nothomyrmica* as junior synonym of *Myrmica*: Radchenko, Dlussky & Elmes, 2007: 1495.

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 junior synonym of *Myrmica*: Brown, 1973b: 184 [provisional]; Bolton, 1988a: 3; Radchenko & Elmes, 2003a: 224.

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.

Symbiomyrma as genus: Karavaiev, 1934: 102; Seifert, 1994: 15; Seifert, 1996b: 236.

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

Symbiomyrma as junior synonym of *Myrmica*: Bolton, 1988a: 3; Bolton, 1994: 106; Radchenko & Elmes, 2003a: 219.

Paramyrmica Cole, 1957a: 37. Type-species: *Paramyrmica colax* Cole, 1957a: 37, by original designation.

Taxonomic history

Paramyrmica in Myrmicinae, Myrmicini: Wheeler, G.C. & Wheeler, J. 1985: 257.

Paramyrmica as genus: Gregg, 1961: 215; Smith, M.R. 1967: 350; Smith, D.R. 1979: 1351; Wheeler, G.C. & Wheeler, J. 1985: 257.

Paramyrmica as junior synonym of *Myrmica*: Brown, 1973b: 183 [provisional]; Bolton, 1988a: 3.

Dodecamyrmica Arnol'di, 1968: 1803 [as subgenus of *Myrmica*]. Type-species: *Myrmica arnoldii* Dlussky, 1963: 191, by original designation.

Taxonomic history

Dodecamyrmica as junior synonym of *Myrmica*: Brown, 1973b: 180 [provisional]; Francoeur, 1981: 759; Bolton, 1988a: 4.

Myrmica catalogues: Roger, 1863b: 28; Mayr, 1863: 429; Emery & Forel, 1879: 460 (Europe); Cresson, 1887: 260 (U.S.A.); Dalla Torre, 1893: 108; Emery, 1921f: 36, 117 (*Myrmica*, *Sifolinia*); Chapman &

Capco, 1951: 124 (Asia); Smith, M.R. 1951a: 789 (North America); Smith, D.R. 1979: 1347, 1351 (North America *Myrmica*, *Paramyrmica*); Bolton, 1995b: 277.

Myrmica references: Mayr, 1855: 396, 397 (diagnosis, Austria species key); Smith, F. 1858b: 114 (diagnosis); Mayr, 1861: 62 (Europe species key); Mayr, 1865: 19 (diagnosis); André, 1874: 192 (Europe species key); Forel, 1874: 75 (Switzerland species key); André, 1883a: 315 (Europe & Algeria species key); Provancher, 1887: 246 (Canada species key); Nasonov, 1889: 71 (Russia species key); Lameere, 1892: 68 (Belgium species key); Forel, 1903a: 696 (India species key); Bingham, 1903: 267 (India, Sri Lanka & Burma species key); Ruzsky, 1905b: 652 (Russian Empire species key); Wasmann, 1906: 15 (Luxemburg species key); Emery, 1908a: 165 (Palaearctic species key); Bondroit, 1910: 493 (Belgium species key); Stitz, 1914: 70 (Central Europe species key); Donisthorpe, 1915d: 110 (Britain species key); Emery, 1916b: 121 (Italy species key); Wheeler, W.M. 1916m: 581 (U.S.A., Connecticut species key); Bondroit, 1918: 98 (France & Belgium species key); Emery, 1921f: 36, 117 (*Myrmica*, *Sifolinia* diagnoses); Finzi, 1926: 77 (diagnosis, European species key); Kuznetsov-Ugamsky, 1927e: 190 (Turkestan species key); Karavaiev, 1927c: 258 (Ukraine species key); Donisthorpe, 1927b: 118 (Britain species key); Arnol'di, 1933b: 599 (Russia species key); Arnol'di, 1934: 151 (former European U.S.S.R. species, biometrics); Karavaiev, 1934: 63 (Ukraine species key); Menozzi, 1939a: 293 (Himalaya & Tibet species key); Stitz, 1939: 74 (Germany species key); Kratochvíl, 1941: 75 (Central Europe species key); Novák & Sadil, 1941: 75 (Central Europe species key); Cole, 1942: 367 (U.S.A., Utah species key); Holgersen, 1943b: 168 (Norway species key); Holgersen, 1944: 199 (Norway species key); Buren, 1944a: 281 (U.S.A., Iowa species key); Boven, 1947: 175 (Belgium species key); Weber, 1947: 444 (North America species key); Creighton, 1950a: 92 (**Nearctic species key**); Sadil, 1952: 264 (Czechia & Slovakia species key); Collingwood, 1958b: 65 (Britain species key); Boven, 1959: 7 (Netherlands species key); Gregg, 1963: 290 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 96 (U.S.A., North Dakota species key); Collingwood, 1964: 101 (Britain species key); Bernard, 1967: 107 (diagnosis, Western Europe species key); Bernard, 1967: 156 (*Sifolinia* diagnosis); Boven, 1970b: 16 (Netherlands species key); Arnol'di, 1970b: 1832 (former European U.S.S.R. species key); Kutter, 1973c: 253 (morphology, satellite genera, *Sifolinia*, *Sommimyrma*, *Symbiomyrma*, key to first); Bolton & Collingwood, 1975: 5 (Britain species key); Arnol'di, 1976a: 554 (central Asia & Kazakhstan species key); Tarbinsky, 1976: 20 (Kyrgyzstan species key); Boven, 1977: 94 (Belgium species key); Kutter, 1977c: 43 (Switzerland species key); Arnol'di & Dlussky, 1978: 530 (former European U.S.S.R. species key); Collingwood, 1978: 78 (Iberian Peninsula species key); Collingwood, 1979: 41 (Fennoscandia & Denmark species key); Francoeur, 1981: 755 (*M. lampra* group); Allred, 1982: 440 (U.S.A., Utah species key); Gösswald, 1985: 294 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 22 (U.S.A., Nevada species key); Kupyanskaya, 1986a: 83 (Far Eastern Russia *M. lobicornis* group key); Nilsson & Douwes, 1987: 62 (Norway species key); Agosti & Collingwood, 1987b: 267 (Balkans species key); Seifert, 1988b: 43 (Europe, Asia Minor & Caucasus species key); Bolton, 1988a: 3 (diagnosis, review of genus, venation); Dlussky, Soyunov & Zabelin, 1990: 181 (Turkmenistan species key); Kupyanskaya, 1990: 92 (Far Eastern Russia species key); Morisita, Kubota, *et al.* 1992: 8 (Japan species key); Atanasov & Dlussky, 1992: 80 (Bulgaria species key); Arakelian, 1994: 20 (Armenia species key); Radchenko, 1994b: 105 (South Siberia species key); Radchenko, 1994c: 130 (Central & Eastern Palaearctic species key); Douwes, 1995: 86 (Sweden species key); Kupyanskaya, 1995: 337 (Far Eastern Russia species key); Bolton, 1995a: 1051 (census); Wu, J. & Wang, 1995: 91 (China species key); Seifert, 1996b: 140 (Central Europe species key); Skinner & Allen, 1996: 45 (Britain species key); Radchenko, Czechowski & Czechowska, 1997: 481 (Poland species key); Collingwood & Prince, 1998: 12 (Portugal species key); Radchenko & Elmes, 1998: 3 (*M. ritae* group key); Elmes & Radchenko, 1998: 218 (Taiwan species key); Wei, Zhou, He & Liu, 2001: 561 (China species key); Radchenko & Elmes, 2001: 262 (Himalaya species

key); Czechowski, Radchenko & Czechowska, 2002: 141 (Poland species key); Radchenko & Elmes, 2003a: 239 (Palaearctic socially parasitic species key); Mackay & Mackay, 2002: 133 (U.S.A., New Mexico species key); Radchenko, 2005b: 192 (North Korea species key); Radchenko, Elmes & Bui, 2006: 43 (Vietnam species key); Radchenko, Elmes & Alicata, 2006: 531 (Palaearctic *M. schencki* group key); Seifert, 2007: 131 (North and Central Europe species key); Francoeur, 2007: 156 (*M. punctiventris* group key); Radchenko, Dlussky & Elmes, 2007: 1497 (late Eocene amber species key); Terayama, 2009: 160 (Taiwan species key); Radchenko & Elmes, 2009a: 85 (*M. pachei* group key); Radchenko & Elmes, 2010: 713 (**Palaearctic and Oriental, all species revision, keys**); Czechowski, Radchenko, *et al.* 2012: 357 (Poland species key); Czkes, *et al.* 2012: 41 (Romania species key); Yamane & Aibek, 2012: 182 (Mongolia species key); Bharti & Sharma, 2013: 139 (India *M. inezae* group key).

Genus **MYRMISARAKA**

Myrmisaraka Bolton & Fisher, 2014: 16. Type-species: *Myrmisaraka producta* Bolton & Fisher, 2014: 37, by original designation.

Taxonomic history

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

Myrmisaraka references: Bolton & Fisher, 2014: 35 (diagnosis, **all species key**).

Genus ***PLESIOMYRMEX**

***Plesiomyrmex** Dlussky & Radchenko, 2009: 437. Type-species: **Plesiomyrmex tubulatus* Dlussky & Radchenko, 2009: 439, by original designation.

Taxonomic history

**Plesiomyrmex* in Myrmicinae, Myrmicini: Dlussky & Radchenko, 2009: 439.

Genus **POGONOMYRMEX**

Pogonomyrmex Mayr, 1868b: 169. Type-species: *Formica badia* Latreille, 1802c: 238, by subsequent designation of Wheeler, W.M. 1911f: 170.

Taxonomic history

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

Pogonomyrmex in Myrmicidae: Cresson, 1887: 260.

Pogonomyrmex in Myrmicinae: Dalla Torre, 1893: 118.

Pogonomyrmex in Myrmicinae, Myrmicini: Forel, 1895b: 125; Emery, 1895j: 769; Forel, 1899c: 61; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 40; Forel, 1917: 240; Emery, 1921f: 44; Wheeler, W.M. 1922a: 660; all subsequent authors.

Pogonomyrmex as genus: all authors.

Junior synonyms of *POGONOMYRMEX*

Ephebomyrmex Wheeler, W.M. 1902c: 390 [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex naegelii* Forel, in Emery, 1878a: x, by subsequent designation of Wheeler, W.M. 1911f: 163.

Taxonomic history

Ephebomyrmex in Myrmicinae, Myrmicini: Ashmead, 1905b: 383; Forel, 1917: 240; Emery, 1921f: 48; Wheeler, W.M. 1922a: 660; all subsequent authors.

Ephebomyrmex as subgenus of *Pogonomyrmex*: Wheeler, W.M. 1902c: 390; Wheeler, W.M. 1910g: 140; Forel, 1917: 240; Emery, 1921f: 48; Wheeler, W.M. 1922a: 660; Gallardo, 1932b: 94; Donisthorpe, 1943f: 643; Kusnezov, 1949c: 293; Creighton, 1950a: 132; Kusnezov, 1951a: 245; Smith, M.R. 1951a: 794; Smith, M.R. 1958c: 115; Kusnezov, 1964: 56; Kusnezov, 1956: 118; Smith, M.R. 1967: 351; Cole, 1968: 22; Smith, D.R. 1979: 1357; Snelling, R.R. 1982a: 108; Mackay, Mackay, Dominguez, et al. 1985: 42.

Ephebomyrmex as genus: Creighton, 1957a: 54; Kusnezov, 1960b: 350; Kempf, 1972a: 106; Brown, 1973b: 180; Snelling, R.R. 1981: 395; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 79; Mackay & Vinson, 1989b: 14; Hölldobler & Wilson, 1990: 13; Taber, 1998: 146.

Ephebomyrmex as junior synonym of *Pogonomyrmex*: Lattke, 1991a: 305; Bolton, 1994: 106; Bolton, 1995b: 28; Fernández & Palacio, 1998: 1649; Bolton, 2003: 223.

Forelomyrmex Wheeler, W.M. 1913a: 80 [as subgenus of *Pogonomyrmex*].

Taxonomic history

[Replacement name for *Janetia* Forel, 1899c: 61 (footnote); junior homonym of *Janetia* Kieffer, 1896: 236 (Diptera).]

Forelomyrmex as subgenus of *Pogonomyrmex*: Wheeler, W.M. 1913a: 80; Forel, 1917: 240; Emery, 1921f: 48; Wheeler, W.M. 1922a: 660; Donisthorpe, 1943f: 646; Kusnezov, 1951a: 245; Kempf, 1972a: 209.

Forelomyrmex as junior synonym of *Pogonomyrmex*: Brown, 1973b: 180 [provisional]; Snelling, R.R. 1981: 395; Lattke, 1991a: 305; Bolton, 1994: 106; Bolton, 1995b: 29; Fernández & Palacio, 1998: 1649.

Junior homonym replaced by *Forelomyrmex*

Janetia Forel, 1899c: 61 (footnote) [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex (Janetia) mayri* Forel, 1899c: 61 (footnote), by monotypy.

Taxonomic history

[Junior homonym of *Janetia* Kieffer, 1896: 236 (Diptera).]

Pogonomyrmex catalogues: Cresson, 1887: 260 (U.S.A.); Dalla Torre, 1893: 118; Emery, 1921f: 44, 48, 48 (*Pogonomyrmex*, *P.* (*Ephebomyrmex*), *P.* (*Forelomyrmex*)); Smith, M.R. 1951a: 791, 794 (North America *Pogonomyrmex*, *Ephebomyrmex*); Kempf, 1972a: 106, 206 (Neotropical *Ephebomyrmex*, *Pogonomyrmex*); Smith, D.R. 1979: 1353 (North America); Brandão, 1991: 342, 372 (Neotropical *Ephebomyrmex*, *Pogonomyrmex*); Bolton, 1995b: 339.

Pogonomyrmex references: Mayr, 1870b: 970 (all species key); Mayr, 1887: 608 (all species key); Wheeler, W.M. 1902a: 97 (North America species key); Emery, 1921f: 44, 48, 48 (*Pogonomyrmex*, *P.* (*Ephebomyrmex*), *P.* (*Forelomyrmex*) diagnoses); Gallardo, 1932b: 95 (Argentina species key); Cole, 1942: 364 (U.S.A., Utah species key); Kusnezov, 1949c: 301 (Argentina *P.* (*Ephebomyrmex*) species key); Creighton, 1950a: 113 (**Nearctic species key**); Kusnezov, 1951a: 254 (Argentina species key); Kusnezov, 1954c: 85 (Bolivia species key); Creighton, 1957a: 54 (North America *Ephebomyrmex*); Gregg, 1963: 317 (U.S.A., Colorado species key); Cole, 1968: 21, 38, 155 (North America *Pogonomyrmex* & *P.* (*Ephebomyrmex*) diagnoses, **Nearctic species revision, keys**); Snelling, R.R. & Hunt, 1976: 72 (Chile species key); Allred, 1982: 442 (U.S.A., Utah species key); Snelling, R.R. 1982a: 104 (supplement to Cole, 1968 key); Snelling, R.R. 1982a: 108 (North America *P.* (*Ephebomyrmex*) species key); Mackay, Mackay, et al. 1985: 42 (Mexico species key); Wheeler, G.C. & Wheeler, J. 1986g: 26 (U.S.A., Nevada species key); Wheeler, G.C. & Wheeler, J. 1986g: 33 (U.S.A., Nevada *Ephebomyrmex* species key); Shattuck, 1987: 175 (*P. occidentalis* complex key); Taber, 1990: 307 (U.S.A. species complexes, phylogeny); Bolton, 1995a: 1052 (census); Taber, 1998: 146, 147 (*Ephebomyrmex*, *Pogonomyrmex* **all species keys**); Fernández & Palacio, 1998: 1657 (northern South America species key); Mackay & Mackay, 2002: 180 (U.S.A., New Mexico species key); Lattke, 2006: 56 (northern South America species key); Johnson, R.A. & Overson, 2009: 313 (*P. californicus* group key); Cuezzo & Claver, 2009: 99 (Argentina species key); Johnson, R.A. et al. 2013: 225 (*P. californicus* group key).

Genus ***PROTOMYRMICA**

***Protomyrmica** Dlussky & Radchenko, 2009: 436. Type-species: **Protomyrmica atavia* Dlussky & Radchenko, 2009: 437, by original designation.

Taxonomic history

**Protomyrmica* in Myrmicinae, Myrmicini: Dlussky & Radchenko, 2009: 436.

Genus **ROYIDRIS**

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

Taxonomic history

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

Royidris references: Bolton & Fisher, 2014: 42 (diagnosis, **all species key**).

Genus *SECOSTRUMA*

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: 382.

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

Genus *VITSIKA*

Vitsika Bolton & Fisher, 2014: 68. Type-species: *Vitsika crebra* Bolton & Fisher, 2014: 78, by original designation.

Taxonomic history

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

Vitsika references: Bolton & Fisher, 2014: 72 (diagnosis, **all species key**).

Tribe *TETRAMORIINI*

Tetramorii Emery, 1895j: 770. Type-genus: *Tetramorium* Mayr, 1855: 423.

Taxonomic history

Tetramoriini as tribe of Myrmicinae: Emery, 1895j: 770 [Tetramorii]; Wheeler, W.M. 1910g: 141 [Tetramorii]; Ashmead, 1905b: 383; Emery, 1914a: 38; Wheeler, W.M. 1915h: 69; Arnold, 1917: 271; Forel, 1917: 245; Wheeler, W.M. 1922a: 659; Emery, 1924d: 271; all subsequent authors.

Junior synonyms of *TETRAMORIINI*

Anergatini Emery, 1914a: 41. Type-genus: *Anergates* Forel, 1874: 67.

Taxonomic history

Anergatini as subtribe of Solenopsidini: Emery, 1914a: 41; Forel, 1917: 243; Emery, 1922e: 204.

Anergatini as junior synonym of Tetramoriini: Bolton, 1994: 106; all subsequent authors.

Teleutomyrmini Kutter, 1950a: 81. Type-genus: *Teleutomyrmex* Kutter, 1950: 82.

Taxonomic history

Teleutomyrmini as subtribe of Tetramoriini: Kutter, 1950a: 81.

Teleutomyrmini as junior synonym of Tetramoriini: Bolton, 1994: 106; all subsequent authors.

Tetramoriini references: Wheeler, W.M. 1910g: 141 (diagnosis); Emery, 1914a: 38, 42 (diagnosis (in key), synoptic classification); Forel, 1917: 245 (synoptic classification); Wheeler, W.M. 1922a: 670 (genera key); Wheeler, W.M. 1922a: 893, 1030 (Afrotropical, Malagasy catalogues); Emery, 1924d: 271 (diagnosis, genera key, catalogue); Wheeler, G.C. & Wheeler, J. 1976b: 57 (larvae, review & synthesis); Bolton, 1976: 289 (diagnosis, revision of tribe, genera key); Kugler, C. 1978a: 442 (sting structure); Dlussky & Fedoseeva, 1988: 80 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 106 (synoptic classification); Bolton, 1995a: 1042 (census); Bolton, 1995b: 16 (catalogue); Sanetra & Buschinger, 2000: 95 (partial phylogeny); Bolton, 2003: 62, 224 (diagnosis, synopsis).

Genera of Tetramoriini: *Anergates*, *Rhopstromyrmex*, *Strongylognathus*, *Teleutomyrmex*, *Tetramorium*.

Genera of Tetramoriini

Genus **ANERGATES**

Anergates Forel, 1874: 67 (see also p. 93). Type-species: *Myrmica atratula* Schenck, 1852: 91, by monotypy.

Taxonomic history

Anergates in Myrmicinae: Emery, 1877a: 81 [Myrmicidae]; Emery & Forel, 1879a: 457 [Myrmicidae]; Dalla Torre, 1893: 64.

Anergates in Myrmicinae, Formicoxenini: Forel, 1893a: 165.

Anergates in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

Anergates in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Anergatini]; Forel, 1917: 243; Emery, 1922e: 205; Wheeler, W.M. 1922a: 663; all subsequent authors to the following; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism).

Anergates incertae sedis in Myrmicinae: Ettershank, 1966: 81.

Anergates in Myrmicinae, Tetramoriini: Bolton, 1976: 296; Smith, D.R. 1979: 1401; Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Sanetra & Buschinger, 2000: 108.

Anergates as genus: all authors.

***Anergates* catalogues:** Emery & Forel, 1879: 457 (Europe); Dalla Torre, 1893: 64; Emery, 1922e: 205; Smith, M.R. 1951a: 815 (North America); Ettershank, 1966: 157; Smith, D.R. 1979: 1401 (North America); Bolton, 1995b: 63.

Anergates references: André, 1882c: 278 (Europe & Algeria); Emery, 1922e: 205 (diagnosis); Creighton, 1950a: 241 (North America, review); (diagnosis, review of genus); Bernard, 1967: 241 (diagnosis); Bolton, 1976: 296 (diagnosis, review of genus); Bolton, 1995a: 1047 (census); Sanetra & Buschinger, 2000: 95 (phylogeny).

Genus **RHOPTROMYRMEX**

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

Taxonomic history

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

Rhoptromyrmex 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; all subsequent authors.

Rhoptromyrmex as genus: all authors.

Junior synonyms of **RHOPTROMYRMEX**

Hagioxenus Forel, 1910a: 8. Type-species: *Hagioxenus schmitzi* Forel, 1910a: 8, by monotypy.

Taxonomic history

Hagioxenus in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 186; Wheeler, W.M. 1922a: 662; subsequent authors to the following.

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

Hagioxenus as junior synonym of *Rhoptromyrmex*: Bolton, 1986a: 2.

Acidomyrmex Emery, 1915i: 191 [as subgenus of *Rhoptromyrmex*]. Type-species: *Rhoptromyrmex wroughtonii* Forel, 1902c: 231, by original designation.

Taxonomic history

Acidomyrmex in Myrmicinae, Tetramoriini: Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 290; all subsequent authors.

Acidomyrmex as genus: Wheeler, W.M. 1922a: 664, 672; Chapman & Capco, 1951: 173.

Acidomyrmex as subgenus of *Rhoptromyrmex*: Emery, 1915i: 191; Forel, 1917: 245; Emery, 1924d: 290; Donisthorpe, 1943f: 619.

Acidomyrmex as junior synonym of *Rhoptromyrmex*: Brown, 1964c: 11; Bolton, 1976: 298; Bolton, 1986a: 2.

Ireneella Donisthorpe, 1941i: 175. Type-species: *Ireneella papuensis* Donisthorpe, 1941i: 175 (junior synonym of *Tetramorium melleum* Emery, 1897c: 586), by original designation.

Taxonomic history

Ireneella in Myrmicinae, Tetramoriini: Donisthorpe, 1941i: 175. Donisthorpe, 1943f: 653.

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

Ireneella as junior synonym of *Rhoptromyrmex*: Bolton, 1976: 298; Bolton, 1986a: 2.

Rhoptromyrmex catalogues: Wheeler, W.M. 1922a: 908 (Afrotropical); Emery, 1922e: 186, 289, 290 (*Hagioxenus*, *Rhoptromyrmex*, *R. (Acidomyrmex)*); Chapman & Capco, 1951: 173, 174 (Asia *Acidomyrmex*, *Ireneela*, *Rhoptromyrmex*); Taylor & Brown, D.R. 1985: 86 (Australia); Taylor, 1987a: 67 (Australia); Bolton, 1995b: 377.

Rhoptromyrmex references: Arnold, 1917: 351 (diagnosis, South Africa species key); Wheeler, W.M. 1922a: 908 (diagnosis); Emery, 1922e: 186, 289, 290 (*Hagioxenus*, *Rhoptromyrmex*, *R. (Acidomyrmex)* diagnoses); Brown, 1964c: 11 (diagnosis, **all species revision, key**); Bolton, 1976: 298 (diagnosis, **all species key**); Bolton, 1986a: 5 (diagnosis, **review of genus, all species key**); Bolton, 1995a: 1052 (census); Shattuck, 1999: 163 (Australia synopsis).

Genus **STRONGYLOGNATHUS**

Strongylognathus Mayr, 1853d: 389. Type-species: *Ecton 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, Myrmicinae: Smith, F. 1858b: 134.

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

Strongylognathus in Myrmicinae: Mayr, 1855: 430 [Myrmicinae]; Mayr, 1865: 21 [Myrmicinae]; Emery & Forel, 1879a: 457 [Myrmicinae]; Dalla Torre, 1893: 129.

Strongylognathus in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 285; all subsequent authors.

Strongylognathus as genus: all authors subsequent to Mayr, 1853d: 389.

Junior homonym replaced by **STRONGYLOGNATHUS**

Myrmus Schenck, 1853: 188. Type-species: *Myrmus emarginatus* Schenck, 1853: 188 (junior synonym of *Ecton testaceum* Schenck, 1852: 117), by monotypy.

Taxonomic history

[Junior homonym of *Myrmus* Hahn, 1832: 81 (Hemiptera).]

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

Strongylognathus references: Smith, F. 1858b: 134 (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, Soyunov & Zabelin, 1990: 209 (Turkmenistan species key); 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, Xu & He, 2001: 68 (China species key); Seifert, 2007: 115 (North and Central Europe species key).

Genus **TELEUTOMYRMEX**

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].

Teleutomyrmex catalogues: Bolton, 1995b: 403.

Teleutomyrmex references: Bernard, 1967: 239 (diagnosis); Bolton, 1976: 309 (diagnosis, review of genus); Bolton, 1995a: 1053 (census); Sanetra & Buschinger, 2000: 95 (phylogeny).

Genus **TETRAMORIUM**

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]; Emery & Forel, 1879a: 457 [Myrmicidae]; Dalla Torre, 1893: 130.

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

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

Tetramorium as genus: all authors.

Junior synonyms of *TETRAMORIUM*

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

Taxonomic history

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

Tetrogmus as junior synonym of *Tetramorium*: Roger, 1862c: 297; subsequent authors except the above; Bolton, 1976: 359; Bolton, 1980: 195; all subsequent authors.

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, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 286; all subsequent authors.

Xiphomyrmex as subgenus of *Tetramorium*: Dalla Torre, 1893: 130; Forel, 1899c: 53; 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; 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; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 80 (anachronism).

Xiphomyrmex as junior synonym of *Tetramorium*: Bingham, 1903: 175; Bolton, 1976: 359; Bolton, 1980: 195; Bolton, 1994: 106; all subsequent authors.

Triglyphothrix Forel, 1890b: cvi. Type-species: *Triglyphothrix walshi* Forel, 1890b: cvii, by monotypy.

Taxonomic history

Triglyphothrix in Myrmicinae: Dalla Torre, 1893: 135.

Triglyphothrix in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141; Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 272; all subsequent authors.

Triglyphothrix as subgenus of *Tetramorium*: Arnold, 1917: 274; Arnold, 1926: 272.

Triglyphothrix as genus: Forel, 1890b: cvi. Dalla Torre, 1893: 135; Emery, 1895j: 770; Forel, 1903a: 703; Bingham, 1903: 171; 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, 1976: 310; Smith, D.R. 1979: 1399; Wheeler, G.C. & Wheeler, J. 1985: 257; Taylor & Brown, D.R. 1985: 91.

Triglyphothrix as junior synonym of *Tetramorium*: Bolton, 1985: 247; Bolton, 1994: 106; all subsequent authors.

Atopula Emery, 1912b: 104. Type-species: *Atopomyrmex nodifer* Emery, 1901f: 115 (footnote), by original designation.

Taxonomic history

Atopula in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 242 [subtribe Podomyrmini]; all subsequent authors to Bolton, 1976: 359.

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

Atopula as subgenus of *Vollenhovia*: Emery, 1912d: 273.

Atopula as subgenus of *Terataner*: Arnold, 1952b: 129.

Atopula as genus: Emery, 1912b: 104; Emery, 1914a: 41; Wheeler, W.M. 1922a: 663; Emery, 1924d: 242; Bernard, 1948: 177; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 79 (anachronism).

Atopula as junior synonym of *Tetramorium*: Bolton, 1976: 359; Bolton, 1980: 195; Bolton, 1994: 106; all subsequent authors.

Decamorium Forel, 1913a: 121 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Decamorium) decem* Forel, 1913a: 121, by monotypy.

Taxonomic history

Decamorium in Myrmicinae, Tetramoriini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 289; all subsequent authors.

Decamorium as subgenus of *Tetramorium*: Forel, 1913a: 121; Arnold, 1917: 274.

Decamorium as genus: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, 1922a: 664, 906; Emery, 1924d: 289; subsequent authors to the following.

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

Macromischoides Wheeler, W.M. 1920: 53. Type-species: *Macromischa aculeata* Mayr, 1866a: 507, by original designation.

Taxonomic history

Macromischoides in Myrmicinae, Leptothoracini: Wheeler, W.M. 1922a: 664; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism).

Macromischoides in Myrmicinae, Tetramoriini: Santschi, 1924b: 207; all subsequent authors.

Macromischoides as genus: Wheeler, W.M. 1922a: 187; Santschi, 1924b: 206; Bernard, 1953b: 248; Dlussky & Fedoseeva, 1988: 80 (anachronism).

Macromischoides as junior synonym of *Tetramorium*: Bolton, 1976: 359; Bolton, 1980: 196; all subsequent authors.

[*Macromichoides*: incorrect subsequent spelling by Santschi, 1924b: 206.]

Lobomyrmex Kratochvíl, 1941: 84 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Lobomyrmex) ferox silhavyi* Kratochvíl, in Novák & Sadil, 1941: 84 (junior synonym of *Tetramorium caespitum ferox* Ruzsky, 1903b: 309), by monotypy.

Taxonomic history

Lobomyrmex as junior synonym of *Tetramorium*: Brown, 1973b: 181 [provisional]; Bolton, 1976: 359; Bolton, 1980: 196; all subsequent authors.

[***Sulcomyrmex*** Kratochvíl, 1941: 84 [as subgenus of *Tetramorium*]. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Kratochvíl (1941) are all referable to *Tetramorium*: Bolton, 1976: 359.]

Apomyrmex Calilung, 2000: 66. Type-species: *Apomyrmex manobo* Calilung, 2000: 66, by original designation.

Taxonomic history

Apomyrmex incertae sedis in Myrmicinae: Calilung, 2000: 66.

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

***Tetramorium* catalogues:** Roger, 1863b: 26, 27 (*Tetramorium*, *Tetrogmus*); Mayr, 1863: 456; Emery & Forel, 1879: 457 (Europe); Cresson, 1887: 261 (U.S.A.); Dalla Torre, 1893: 130, 135 (*Tetramorium*, *Triglyphothrix*); Wheeler, W.M. 1922a: 886, 889, 893, 906, 906, 909 (Afrotropical *Atopula*,

Macromischoides, *Tetramorium*, *Decamorium*, *Xiphomyrmex*, *Triglyphothrix*); Wheeler, W.M. 1922a: 1030, 1031, 1032 (Malagasy *Tetramorium*, *Xiphomyrmex*, *Triglyphothrix*); Emery, 1924d: 242, 272, 275, 286, 289 (*Atopula*, *Triglyphothrix*, *Tetramorium*, *Xiphomyrmex*, *Decamorium*); Chapman & Capco, 1951: 174, 178, 179 (Asia *Tetramorium*, *Triglyphothrix*, *Xiphomyrmex*); Smith, M.R. 1951a: 823, 823, 824 (North America *Tetramorium*, *Triglyphothrix*, *Xiphomyrmex*); Kempf, 1972a: 249, 255 (Neotropical *Tetramorium*, *Triglyphothrix*); Smith, D.R. 1979: 1399, 1400 (North America *Triglyphothrix*, *Tetramorium*); Taylor & Brown, D.R. 1985: 88 (Australia); Taylor, 1987a: 78 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 168, 403 (*Decamorium*, *Tetramorium*).

***Tetramorium* references:** Mayr, 1865: 20 (diagnosis); Mayr, 1870b: 972 (all species key); 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, 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: 290 (*Tetramorium* **Nearctic species key**: 290; *Xiphomyrmex* **Nearctic species key**: 293); Brown, 1958h: 27 (New Zealand species); Bernard, 1967: 227 (diagnosis, Western Europe species key); Alayo, 1974: 18 (Cuba species key); Tarbinsky, 1976: 105 (Kyrgyzstan species key); Bolton, 1976: 297 (*Decamorium* diagnosis, **all species revision, key**); Bolton, 1976: 310 (*Triglyphothrix* diagnosis, **all species revision**; **Afrotropical species key**: 314, **Oriental, Indo-Australian, Polynesian species key**: 341); Bolton, 1976: 359 (*Tetramorium* diagnosis, review of genus, synonymy); Bolton, 1977: 69 (*Tetramorium* **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); 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); 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, Soyunov & Zabelin, 1990: 197 (Turkmenistan species key); Atanasov & Dlussky, 1992: 149 (Bulgaria species key); Radchenko, 1992a: 44 (former U.S.S.R. species key); Morisita, Kubota, *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); Radchenko, Czechowski & Czechowska, 1998: 107 (Poland species key); Collingwood & Prince, 1998: 17 (Portugal species key); Sanetra, Güsten & Schulz, 1999: 317 (Italy, species); Shattuck, 1999: 168 (Australia synopsis); Chang & He, 2001a: 1 (northwest China species key);

Zhou, 2001b: 100 (China, Guangxi species key); Czechowski, Radchenko & Czechowska, 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, Radchenko & Schulz, 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. weitzekieri* species group key); 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, Radchenko, *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).

Tribe PHEIDOLINI

Pheidolidae Emery, 1877a: 72. Type-genus: *Pheidole* Westwood, 1839: 219.

Taxonomic history

Pheidolini as group of Myrmicidae: Emery, 1877a: 72 [Pheidolidae].

Pheidolini as subtribe of Myrmicinae: Emery, 1924d: 357.

Pheidolini as tribe of Myrmicinae: Forel, 1893a: 165 [Pheidolii]; Emery, 1914a: 35; Forel, 1917: 241; Arnold, 1920a: 404; Emery, 1921f: 49; Wheeler, W.M. 1922a: 659; Brown, 1949a: 48; all subsequent authors.

Junior synonyms of PHEIDOLINI

Ocymyrmicini Emery, 1914a: 38 (diagnosis in key). Type-genus: *Ocymyrmex* Emery, 1886: 364.

Taxonomic history

Ocymyrmicini as tribe of Myrmicinae: Emery, 1914a: 38; Arnold, 1916: 194; Forel, 1917: 245; Wheeler, W.M. 1922a: 658; Emery, 1924d: 270; Wheeler, G.C. & Wheeler, J. 1976b: 57 [Ocymyrmeceini]; Wheeler, G.C. & Wheeler, J. 1985: 257 [Ocymyrmecini]; Dlussky & Fedoseeva, 1988: 79 [Ocymyrmecini].

Ocymyrmicini as junior synonym of Pheidolini: Bolton & Marsh, 1989: 1281.

Lophomyrmicini Emery, 1914a: 41. Type-genus: *Lophomyrmex* Emery, 1892a: 114.

Taxonomic history

Lophomyrmicini as subtribe of Pheidologetini: Emery, 1914a: 41; Forel, 1917: 243; Emery, 1924d: 208.

Lophomyrmicini as junior synonym of Pheidologetini: Bolton, 1994: 106 [Pheidologetonini].

Lophomyrmicini as junior synonym of Pheidolini (implied by Rigato, 1994a: 51, but not stated): Bolton, 1995b: 12.

Anergatidini Emery, 1922e: 116. Type-genus: *Anergatides* Wasmann, 1915b: 281 (junior synonym of *Pheidole* Westwood, 1839: 219).

Taxonomic history

Anergatidini as subtribe of Pheidolini: Emery, 1922e: 116.

Anergatidini as junior synonym of Pheidolini: Bolton, 1994: 106.

Aphaenogastrini Enzmann, J. 1947b: 147. Type-genus: *Aphaenogaster* Mayr, 1853b: 107.

Taxonomic history

Aphaenogastrini as tribe of Myrmicinae: Enzmann, J. 1947b: 147.

Aphaenogastrini as junior synonym of Pheidolini: Brown, 1949a: 48.

Pheidolini references: Emery, 1914a: 35, 38; 40, 41 (tribe diagnoses (in key); synoptic classifications); Forel, 1917: 241, 243 (synoptic classification); Emery, 1921f: 49 (Pheidolini diagnosis, genera key, catalogue); Wheeler, W.M. 1922a: 670 (genera key); Wheeler, W.M. 1922a: 802, 891 (Afrotropical Pheidolini, Ocymyrmecini catalogues); Wheeler, W.M. 1922a: 1016 (Madagascar catalogue); Emery, 1924d: 270 (Ocymyrmecini diagnosis, catalogue); Kusnezov, 1952b: 9 (genera key); Wheeler, G.C. & Wheeler, J. 1976b: 53, 57 (Pheidolini, Ocymyrmecini larvae, review & synthesis); Kugler, C. 1978a: 460 (sting structure); Dlussky & Fedoseeva, 1988: 80 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 106 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 14 (catalogue); Fernández, 2003d: 321 (Neotropical genera); Bolton, 2003: 63, 228 (diagnosis, synopsis).

Genera (extant) of Pheidolini: *Anisopheidole*, *Aphaenogaster*, *Chimaeridris*, *Goniomma*, *Kartidris*, *Lophomyrmex*, *Messor*, *Ocymyrmex*, *Oxyopomyrmex*, *Pheidole*.

Genera (extinct) incertae sedis in Pheidolini: **Lonchomyrmex*, **Paraphaenogaster*.

Genera of Pheidolini

Genus **ANISOPHEIDOLE**

Anisopheidole Forel, 1914c: 616 (footnote) [as subgenus of *Pheidole*]. Type-species: *Pheidole froggatti* Forel, 1902h: 414 (junior synonym of *Atta antipodum* Smith, F. 1858b: 166), by monotypy.

Taxonomic history

[*Anisopheidole* also described as new by Forel, 1915b: 61.]

Anisopheidole in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Anisopheidole in Myrmicinae, Pheidologetini: Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106 [Pheidologetonini].

Anisopheidole in Myrmicinae, Pheidolini: Forel, 1917: 241; Emery, 1921f: 83; subsequent authors except the above; Bolton, 2003: 64.

Anisopheidole as subgenus of *Pheidole*: Forel, 1914c: 616; Emery, 1915i: 190; Forel, 1917: 241; Emery, 1921f: 83; Wheeler, W.M. 1922a: 673; all subsequent authors to the following.

Anisopheidole as genus: Ettershank, 1966: 129; Taylor & Brown, D.R. 1985: 54.

Anisopheidole catalogues: Emery, 1921f: 83; Ettershank, 1966: 129; Taylor & Brown, D.R. 1985: 54; Taylor, 1987a: 7; Bolton, 1995b: 63.

Anisopheidole references: Emery, 1921f: 83 (diagnosis); Ettershank, 1966: 129 (diagnosis, review of genus); Bolton, 1995a: 1048 (census); Shattuck, 1999: 125.

Genus **APHAENOGASTER**

Aphaenogaster Mayr, 1853b: 107. Type-species: *Aphaenogaster sardous* Mayr, 1853b: 107, by subsequent designation of Bingham, 1903: 270.

Taxonomic history

Aphaenogaster in Myrmicinae: Mayr, 1855: 466 [Myrmicidae]; Mayr, 1865: 19 [Myrmicidae]; Emery & Forel, 1879a: 461 [Myrmicidae]; Cresson, 1887: 260 [Myrmicidae]; Dalla Torre, 1893: 98.

Aphaenogaster in Myrmicinae, Myrmicini: Forel, 1891b: 166; Forel, 1895b: 129; Emery, 1895j: 769; Forel, 1899c: 58; Wheeler, W.M. 1910g: 140; Wheeler, W.M. 1915h: 53; Santschi, 1932b: 13; Kempf, 1972a: 22 (anachronism).

Aphaenogaster in Myrmicinae, Aphaenogastrini: Enzmann, J. 1947b: 147.

Aphaenogaster in Myrmicinae, Pheidolini: Emery, 1877a: 81 [Pheidolidae]; Emery, 1914a: 40; Forel, 1917: 241; Emery, 1921f: 55 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; Brown, 1949a: 48; Chapman & Capco, 1951: 131; all subsequent authors.

Aphaenogaster as junior synonym of *Atta*: Mayr, 1863: 395.

Aphaenogaster as subgenus of *Stenamma*: Emery, 1895c: 298; Emery, 1895j: 769; Forel, 1903a: 693.

Aphaenogaster as genus: Emery, 1908c: 309; all subsequent authors.

Junior synonyms of **APHAENOGASTER**

Deromyrma Forel, 1913b: 350 [as subgenus of *Aphaenogaster*]. Type-species: *Aphaenogaster (Ischnomyrmex) swammerdami* Forel, 1886c: cvi, by original designation.

Taxonomic history

[*Deromyrma* also described as new by Forel, 1913k: 49.]

Deromyrma as subgenus of *Aphaenogaster*: Forel, 1913b: 350; Forel, 1913k: 49; Forel, 1917: 241; Emery, 1921f: 64; Wheeler, W.M. 1922a: 680; all subsequent authors to the following.

Deromyrma as junior synonym of *Aphaenogaster*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1359; Bolton, 1982: 364.

Planimyrma Viehmeyer, 1914d: 604 [as subgenus of *Aphaenogaster*]. Type-species: *Stenamma (Ischnomyrmex) loriai* Emery, 1897d: 563, by original designation.

Taxonomic history

Planimyrma as subgenus of *Aphaenogaster*: Viehmeyer, 1914d: 604; Forel, 1917: 241; Emery, 1921f: 65; Wheeler, W.M. 1922a: 680; all subsequent authors to the following.

Planimyrma as junior synonym of *Aphaenogaster*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1359; Bolton, 1982: 364.

Attomyrma Emery, 1915d: 70 [as subgenus of *Aphaenogaster*]. Type-species: *Formica subterranea* Latreille, 1798: 49, by original designation.

Taxonomic history

Attomyrma as subgenus of *Aphaenogaster*: Emery, 1915d: 70; Emery, 1916b: 129; Emery, 1921f: 56; all subsequent authors to the following.

Attomyrma as junior synonym of *Aphaenogaster*: Brown, 1973b: 178 [provisional]; Smith, D.R. 1979: 1359; Bolton, 1982: 364.

Novomessor Emery, 1915d: 73. Type-species: *Aphaenogaster (Ischnomyrmex) cockerelli* André, 1893b: 150, by original designation.

Taxonomic history

Novomessor in Myrmicinae, Pheidolini: Forel, 1917: 241; Emery, 1921f: 66 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; all subsequent authors except the following.

Novomessor in Myrmicinae, Myrmicini: Donisthorpe, 1943f: 675; Kempf, 1972a: 166.

Novomessor as genus: Wheeler, W.M. & Creighton, 1934: 343; Creighton, 1950a: 155; Hölldobler, Stanton & Engel, 1976: 32.

Novomessor as junior synonym of *Aphaenogaster*: Brown, 1974b: 47; Bolton, 1982: 364 (discussion pp. 339-341).

Nystalomyrma Wheeler, W.M. 1916j: 215 [as subgenus of *Aphaenogaster*]. Type-species: *Myrmica longiceps* Smith, F. 1858b: 128, by original designation.

Taxonomic history

Nystalomyrma as subgenus of *Aphaenogaster*: Wheeler, W.M. 1916j: 215; Emery, 1921f: 61; Wheeler, W.M. 1922a: 680; Donisthorpe, 1943f: 676.

Nystalomyrma as junior synonym of *Aphaenogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1359; Bolton, 1982: 364.

****Sinaphaenogaster*** Zhang, 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.

***Aphaenogaster* catalogues:** Roger, 1863b: 29; Mayr, 1863: 395 (*Atta*); Emery & Forel, 1879: 461 (Europe); Cresson, 1887: 260 (U.S.A.); Dalla Torre, 1893: 98; Emery, 1921f: 56, 61, 64, 65, 66 (*Aphaenogaster*, A. (*Attomyrma*), A. (*Nystalomyrma*), A. (*Deromyrma*), A. (*Planimyrma*), *Novomessor*); Wheeler, W.M. 1922a: 1016, 1029 (Malagasy *Aphaenogaster*, *Brunella*); Chapman & Capco, 1951: 131 (Asia); Smith, M.R. 1951a: 795, 798 (North America *Aphaenogaster*, *Novomessor*); Kempf, 1972a: 22, 166 (Neotropical *Aphaenogaster* (*Deromyrma*), *Novomessor*); Smith, D.R. 1979: 1359 (North America); Taylor & Brown, D.R. 1985: 54 (Australia); Taylor, 1987a: 8 (Australia); Brandão, 1991: 326 (Neotropical); Bolton, 1995b: 68.

***Aphaenogaster* references:** Mayr, 1855: 466 (diagnosis); Mayr, 1861: 66 (Europe species key, as *Atta*); Mayr, 1865: 19 (diagnosis); Mayr, 1867a: 92 (diagnosis); André, 1874: 195 (Europe species key); Forel, 1874: 74 (Switzerland species key); André, 1883b: 348 (Europe & Algeria species key); Mayr, 1886d: 443 (U.S.A. species key); Emery, 1888a: 531 (A. (*Ischnomyrmex*) species key); Nasonov, 1889: 74 (Russia species key); Forel, 1903a: 693 (India & Sri Lanka species key); Bingham, 1903: 270 (India, Sri Lanka & Burma species key); Ruzsky, 1905b: 714 (Russian Empire species key); Emery, 1908c: 310 (Palaearctic species key); Bondroit, 1910: 495 (Belgium species key); Emery, 1916b: 132 (Italy species key); Wheeler, W.M. 1916m: 585 (U.S.A., Connecticut species key); Wheeler, W.M. 1916j: 213 (Australia species); Bondroit, 1918: 156 (France & Belgium species key); Emery, 1921f: 55 (diagnosis, subgenera key, catalogue); Emery, 1921f: 56, 61, 64, 65, 66 (*Aphaenogaster*, A. (*Attomyrma*), A. (*Nystalomyrma*), A. (*Deromyrma*), A. (*Planimyrma*), *Novomessor* diagnoses); Wheeler, W.M. 1922a: 680 (subgenera key); Wheeler, W.M. & Creighton, 1934: 348 (*Novomessor* species key); Menozzi, 1939a: 296 (Himalaya & Tibet species key); Stitz, 1939: 112 (Germany species key); Kratochvíl, 1941: 81 (Central Europe species key); Novák & Sadil, 1941: 81 (Central Europe species key); Cole, 1942: 363 (U.S.A., Utah species key); Buren, 1944a: 284 (U.S.A., Iowa species key); Creighton, 1950a: 140 (*Aphaenogaster* **Nearctic species key**: 140; *Novomessor* **species key**: 155); Smith, M.R. 1961b: 218 (New Guinea species key); Gregg, 1963: 336 (U.S.A., Colorado species key); Bernard, 1967: 128 (diagnosis, Western Europe species key); Arnol'di, 1976b: 1023 (former U.S.S.R. species key); Kutter, 1977c: 77 (Switzerland species key); Arnol'di & Dlussky, 1978: 536 (former European U.S.S.R. species key); Collingwood, 1978: 79 (Iberian Peninsula species key); Allred, 1982: 439 (U.S.A., Utah species

key); Gösswald, 1985: 298 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 35 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 269 (Balkans species key); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Dlussky, Soyunov & Zabelin, 1990: 211 (Turkmenistan species key); Morisita, Kubota, et al. 1992: 15 (Japan species key); Atanasov & Dlussky, 1992: 107 (Bulgaria species key); Schulz, A. 1994a: 425 (*A. (Attomyrma)*, partial key); Arakelian, 1994: 29 (Armenia species key); Bolton, 1995a: 1048 (census); Wu, J. & Wang, 1995: 110 (China species key); Umphrey, 1996: 557 (North America *A. fulva* complex key); Cagniant, 1996a: 67 (Morocco species key); Seifert, 1996b: 156 (Central Europe species key); Collingwood & Prince, 1998: 13 (Portugal species key); Shattuck, 1999: 126 (Australia synopsis); Park & Kim, 2000: 108 (Korea species key); Zhou, 2001b: 142 (China, Guangxi species key); Mackay & Mackay, 2002: 60 (U.S.A., New Mexico species key); Longino & Cover, 2004: 1 (*A. phalangium* complex revision); Radchenko, 2005b: 192 (North Korea species key); Seifert, 2007: 144 (North and Central Europe species key); Shattuck, 2008a: 27 (**Australia, all species revision, key**); Terayama, 2009: 164 (Taiwan species key); Heterick, 2009: 144 (south-western Australia species key); Kiran, Alipanah & Paknia, 2013: 49 (Iran species key); Cagniant & Galkowski, 2013: 179 (Morocco species, emended key); Boer, 2013: 62, 63 (Europe *Aphaenogaster*, *A. testaceopilosa* group keys).

Genus **CHIMAERIDRIS**

Chimaeridris Wilson, 1989: 63. Type-species: *Chimaeridris boltoni* Wilson, 1989: 63, by original designation.

Taxonomic history

Chimaeridris in Myrmicinae, Pheidolini: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106; Bolton, 1995b: 145.

Genus **GONIOMMA**

Goniomma Emery, 1895c: 298 [as subgenus of *Stenamma*]. Type-species: *Aphaenogaster blanci* André, 1881a: 60 and xlvi, by subsequent designation of Wheeler, W.M. 1911f: 164.

Taxonomic history

Goniomma in Myrmicinae, Myrmicini: Emery, 1895j: 769.

Goniomma in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1921f: 74 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; all subsequent authors.

Goniomma as subgenus of *Stenamma*: Emery, 1895j: 769.

Goniomma as subgenus of *Oxyopomyrmex*: Wheeler, W.M. 1910g: 140.

Goniomma as genus: Emery, 1908e: 460; Forel, 1917: 241; Emery, 1921f: 74; Wheeler, W.M. 1922a: 661; all subsequent authors.

Goniomma catalogues: Emery, 1921f: 74; Bolton, 1995b: 211.

Goniomma references: Emery, 1921f: 74 (diagnosis); Santschi, 1929e: 145 (all species key); Bernard, 1967: 154 (diagnosis, Western Europe species key); Collingwood, 1978: 80 (Iberian Peninsula species key); Acosta Salmerón, 1982: 7 (partial revision); Bolton, 1995a: 1049 (census); Collingwood & Prince, 1998: 14 (Portugal species key).

Genus **KARTIDRIS**

Kartidris Bolton, 1991: 10. Type-species: *Kartidris nyos* Bolton, 1991: 12, by original designation.

Taxonomic history

Kartidris in Myrmicinae, Pheidolini: Bolton, 1991: 10; Bolton, 1994: 106; Bolton, 1995a: 1050; Bolton, 1995b: 219.

Kartidris as genus: all authors.

Kartidris catalogues: Bolton, 1995b: 219.

Kartidris references: Bolton, 1991: 12 (**all species key**); Xu, 1999: 134 (**all species key**).

Genus **LOPHOMYRMEX**

Lophomyrmex Emery, 1892a: 114. Type-species: *Oecodoma quadrispinosa* Jerdon, 1851: 111, by monotypy.

Taxonomic history

Lophomyrmex in Myrmicinae: Dalla Torre, 1893: 74.

Lophomyrmex in Myrmicinae, Solenopsidini: Emery, 1895j: 770; Wheeler, W.M. 1910g: 141; Wheeler, W.M. 1922a: 663.

Lophomyrmex in Myrmicinae, Myrmicini: Ashmead, 1905b: 383.

Lophomyrmex in Myrmicinae, *Pheidologeton* genus group: Ettershank, 1966: 81; Bolton, 1987: 265.

Lophomyrmex in Myrmicinae, Pheidologetini: Emery, 1914a: 41 [subtribe Lophomyrmicini]; Forel, 1917: 243; Emery, 1924d: 208; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106 [Pheidologetonini].

Lophomyrmex in Myrmicinae, Pheidolini: Rigato, 1994a: 50.

Lophomyrmex as junior synonym of *Monomorium*: Dlussky, 1997: 625 (error).

Lophomyrmex as genus: all authors except the above.

Lophomyrmex catalogues: Dalla Torre, 1893: 74; Emery, 1924d: 208; Chapman & Capco, 1951: 155 (Asia); Ettershank, 1966: 132; Bolton, 1995b: 248.

Lophomyrmex references: Emery, 1893e: 192 (all species key); Forel, 1903a: 695 (India & Sri Lanka species key); Bingham, 1903: 195 (India, Sri Lanka & Burma species key); Emery, 1924d: 208 (diagnosis); Ettershank, 1966: 132 (diagnosis, review of genus); Rigato, 1994a: 47 (diagnosis, **all species revision, key**); Bolton, 1995a: 1050 (census); Sheela & Ghosh, 2008: 17 (India species key); Bharti & Kumar, 2012: 267 (*L. bedoti* group key).

Genus **MESSOR**

Messor Forel, 1890a: lxviii [as subgenus of *Aphaenogaster*]. Type-species: *Formica barbara* Linnaeus, 1767: 962, by subsequent designation of Bingham, 1903: 277.

Taxonomic history

Messor in Myrmicinae: Dalla Torre, 1893: 98.

Messor in Myrmicinae, Myrmicini: Emery, 1895j: 769; Forel, 1899c: 59; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140.

Messor in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Arnold, 1920a: 404; Emery, 1921f: 68 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; all subsequent authors.

Messor as subgenus of *Aphaenogaster*: Forel, 1890a: lxviii; Dalla Torre, 1893: 98; Forel, 1899c: 59; Ruzsky, 1905b: 173.

Messor as subgenus of *Stenamma*: Emery, 1895c: 298; Emery, 1895j: 769; Forel, 1903a: 693.

Messor as genus: Bingham, 1903: 277; Emery, 1908e: 437; Wheeler, W.M. 1910g: 140; Forel, 1917: 241; Bondroit, 1918: 149; Arnold, 1920a: 404; Emery, 1921f: 68; Wheeler, W.M. 1922a: 661; all subsequent authors.

Junior synonyms of **MESSOR**

Cratomymrex Emery, 1892d: 572. Type-species: *Cratomyrmex regalis* Emery, 1892d: 572, by monotypy.

Taxonomic history

Cratomymrex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 40; Forel, 1917: 240; Emery, 1921f: 43; Wheeler, W.M. 1922a: 660; Donisthorpe, 1943f: 635.

Cratomymrex as subgenus of *Messor*: Santschi, 1920d: 378.

Cratomymrex as genus: Emery, 1892d: 572; Wheeler, W.M. 1910g: 140; Santschi, 1913c: 307; Forel, 1917: 240; Emery, 1921f: 43; Wheeler, W.M. 1922a: 660, 802; Bernard, 1971: 6.

Cratomymrex as junior synonym of *Messor*: Emery, 1924d: 357; Donisthorpe, 1943f: 635; Bolton, 1982: 338; Hölldobler & Wilson, 1990: 14; Bolton, 1994: 106.

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; all subsequent authors.

Veromessor as subgenus of *Novomessor*: Forel, 1917: 235; Emery, 1921f: 67; Donisthorpe, 1943g: 735.

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.

Veromessor as junior synonym of *Messor*: Bolton, 1982: 338.

Lobognathus Enzmann, J. 1947b: 152 [as subgenus of *Veromessor*]. Erroneous entry for *Messor lobognathus* Andrews, 1916: 82, hence junior synonym of *Veromessor*: Brown, 1949a: 49.

[**Sphaeromessor** Bernard, 1985: 48. Unavailable name. Proposed without designation of type-species and therefore unavailable. Species included by Bernard (1985) are all referable to *Messor*: Bolton, 1995b: 46.]

Messor catalogues: Emery, 1921f: 43, 67, 68 (*Cratomyrmex*, *Veromessor*, *Messor*); Wheeler, W.M. 1922a: 802 (Afrotropical *Cratomyrmex*, *Messor*); Chapman & Capco, 1951: 136 (Asia); Smith, M.R. 1951a: 799 (North America *Veromessor*); Kempf, 1972a: 257 (Neotropical *Veromessor*); Smith, D.R. 1979: 1364 (North America *Veromessor*); Bolton, 1995b: 252.

Messor references: Forel, 1903a: 693 (India & Sri Lanka species key); Bingham, 1903: 278 (India, Sri Lanka & Burma species key); Ruzsky, 1905b: 726 (Russian Empire species key); Emery, 1908e: 437 (Palaearctic species key); Emery, 1916b: 143 (Italy species key); Bondroit, 1918: 149 (France & Belgium species key); Arnold, 1920a: 404 (diagnosis); Emery, 1921f: 43, 67, 68 (*Cratomyrmex*, *Veromessor*, *Messor* diagnoses); Santschi, 1927c: 247 (*M. instabilis* group key); Kuznetsov-Ugamsky, 1927a: 89 (Central Asia species key); Kuznetsov-Ugamsky, 1929d: 4 (Central Asia species key); Finzi, 1929: 77 (Italy species key); Menozzi, 1933b: 56 (Israel species key); Wheeler, W.M. & Creighton, 1934: 360 (*Veromessor* species key); Finzi, 1936: 160 (Egypt species key); Novák & Sadil, 1941: 82 (Central Europe species key); Creighton, 1950a: 158 (*Veromessor Nearctic species key*); Bernard, 1955a: 360 (Mediterranean *M. structor* group key); Smith, M.R. 1956a: 36 (U.S.A. *Veromessor* species key); Bernard, 1967: 137 (diagnosis, Western Europe species key); Tarbinsky, 1976: 50 (Kyrgyzstan species key); Arnol'di, 1977b: 1640 (former U.S.S.R. species key); Arnol'di & Dlussky, 1978: 537 (former European U.S.S.R. species key); Collingwood, 1978: 80 (Iberian Peninsula species key); Bolton, 1982: 338 (diagnosis, review of genus, **Afrotropical species revision, key**); Collingwood, 1985: 248 (Saudi Arabia species key); Wheeler, G.C. & Wheeler, J. 1986g: 38 (U.S.A., Nevada *Veromessor* species key); Agosti & Collingwood, 1987b: 270 (Balkans species key); Dlussky, Soyunov & Zabelin, 1990: 215 (Turkmenistan species key); Casevitz-Weulersse, 1990b: 156 (Corsica species key); Atanasov &

Dlussky, 1992: 113 (Bulgaria species key); Arakelian, 1994: 33 (Armenia species key); Bolton, 1995a: 1050 (census); Collingwood & Agosti, 1996: 314 (Saudi Arabia species key); Cagniant & Espadaler, 1998: 419 (Morocco species key); Collingwood & Prince, 1998: 14 (Portugal species key); He & Song, 2009: 721 (China species key).

Genus **OCYMYRMEX**

Ocymyrmex Emery, 1886: 364. Type-species: *Ocymyrmex barbiger* Emery, 1886: 364, by monotypy.

Taxonomic history

Ocymyrmex in Myrmicinae: Dalla Torre, 1893: 72.

Ocymyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

Ocymyrmex in Myrmicinae, Ocymyrmeceini: Emery, 1914a: 41; Arnold, 1916: 194; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 270; all subsequent authors to the following.

Ocymyrmex in Myrmicinae, Pheidolini: Bolton & Marsh, 1989: 1281; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106.

Ocymyrmex as genus: all authors.

***Ocymyrmex* catalogues:** Wheeler, W.M. 1922a: 891; Emery, 1924d: 270; Bolton, 1995b: 294.

***Ocymyrmex* references:** Emery, 1892a: 116 (all species key); Arnold, 1916: 194 (diagnosis, South Africa species key); Emery, 1924d: 270 (diagnosis); Bolton, 1981b: 260 (diagnosis, **all species revision, key**); Bolton & Marsh, 1989: 1267 (diagnosis, **all species, revised key**); Bolton, 1995a: 1051 (census).

Genus **OXYOPOMYRMEX**

Oxyopomyrmex André, 1881b: 72. Type-species: *Oxyopomyrmex oculatus* André, 1881b: 73, by monotypy.

Taxonomic history

Oxyopomyrmex in Myrmicinae: Dalla Torre, 1893: 108.

Oxyopomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140.

Oxyopomyrmex in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1921f: 75 [subtribe Stenammini]; Wheeler, W.M. 1922a: 661; all subsequent authors.

Oxyopomyrmex as genus: all authors.

***Oxyopomyrmex* catalogues:** Dalla Torre, 1893: 108; Emery, 1921f: 75; Bolton, 1995b: 302.

Oxyopomyrmex references: André, 1883b: 379 (Europe & Algeria species); Emery, 1921f: 75 (diagnosis); Bernard, 1967: 155 (diagnosis); Kugler, C. 1979b: 258 (sting structure); Bolton, 1995a: 1051 (census).

Genus **PHEDOLE**

Pheidole Westwood, 1839: 219. Type-species: *Atta providens* Sykes, 1835: 103, by monotypy.

Taxonomic history

Pheidole in Poneridae, Attidae: Smith, F. 1858b: 172.

Pheidole in Attidae: Smith, F. 1860a: 74; Smith, F. 1862a: 49.

Pheidole in Myrmicidae: Smith, F. 1871a: 331; Cresson, 1887: 262.

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

Pheidole in Myrmicinae: Mayr, 1861: 69 [Myrmicidae]; Mayr, 1865: 22 [Myrmicidae]; Emery & Forel, 1879a: 463 [Myrmicidae]; Dalla Torre, 1893: 88.

Pheidole in Myrmicinae, Myrmicini: Forel, 1895b: 127; Emery, 1895j: 769; Forel, 1899c: 64; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139; Kempf, 1972a: 183 (anachronism).

Pheidole in Myrmicinae, Pheidolini: Forel, 1893a: 165; Emery, 1914a: 40; Forel, 1917: 241; Arnold, 1920a: 414; Emery, 1921f: 77; Wheeler, W.M. 1922a: 661; all subsequent authors except Kempf, 1972a: 183, above.

Pheidole as genus: all authors.

[*Phidole*: incorrect subsequent spelling by Bingham, 1903: 220.]

[*Phidola*: incorrect subsequent spelling by Schulz, W.A. 1906: 55.]

Junior synonyms of **PHEDOLE**

Oecophthora Heer, 1852: 15. Type-species: *Oecophthora pusilla* Heer, 1852: 15 (junior synonym of *Formica megacephala* Fabricius, 1793: 361), by monotypy.

Taxonomic history

Oecophthora in Myrmicinae: Mayr, 1855: 453 [Myrmicidae].

Oecophthora as junior synonym of *Pheidole*: Smith, F. 1858a: 282; Smith, F. 1858b: 172; Roger, 1863b: 30; Dalla Torre, 1893: 88.

Ischnomyrmex Mayr, 1862: 738. Type-species: *Myrmica longipes* Smith, F. 1857a: 70 (junior secondary homonym; replacement name: *Pheidole singaporensis* Özdikmen, 2010b: 804), by monotypy.

Taxonomic history

Ischnomyrmex in Myrmicinae: Mayr, 1865: 18 [Myrmicidae]; Dalla Torre, 1893: 98.

Ischnomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140.

Ischnomyrmex in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 113; Wheeler, W.M. 1922a: 661; all subsequent authors.

Ischnomyrmex as junior synonym of *Aphaenogaster*: Emery & Forel, 1879a: 461; Bingham, 1903: 270.

Ischnomyrmex as subgenus of *Aphaenogaster*: Forel, 1891b: 166; Dalla Torre, 1893: 98; Forel, 1899c: 59; Emery, 1908c: 313; Wheeler, W.M. 1910g: 140.

Ischnomyrmex as subgenus of *Stenamma*: Emery, 1895c: 298; Emery, 1895j: 769; Forel, 1902h: 439; Forel, 1903a: 693.

Ischnomyrmex as subgenus of *Pheidole*: Forel, 1913k: 49.

Ischnomyrmex as genus: Mayr, 1862: 738; Emery, 1914a: 40; Viehmeyer, 1914d: 601; Forel, 1917: 241; Wheeler, W.M. 1922a: 661; Emery, 1922e: 113. Stitz, 1911a: 367; Kusnezov, 1952b: 10 (in key).

Ischnomyrmex as junior synonym of *Pheidole*: Brown, 1973b: 181 [provisional]; Smith, D.R. 1979: 1365; Snelling, R.R. 1981: 395.

Leptomyrma Motschoulsky, 1863: 17. Type-species: *Leptomyrma gracilipes* Motschoulsky, 1863: 17, by monotypy.

Taxonomic history

Leptomyrma in Myrmicidae: Smith, F. 1871a: 329.

Leptomyrma as junior synonym of *Pheidole*: Emery, 1892b: 166; all subsequent authors.

Pheidolacanthinus Smith, F. 1865: 75. Type-species: *Pheidolacanthinus armatus* Smith, F. 1865: 75 (junior synonym of *Myrmica quadrispinosa* Smith, F. 1865: 72), by monotypy.

Taxonomic history

Pheidolacanthinus in Myrmicidae: Smith, F. 1871a: 333.

Pheidolacanthinus in Myrmicinae: Dalla Torre, 1893: 98.

Pheidolacanthinus as genus: Dalla Torre, 1893: 98.

Pheidolacanthinus as subgenus of *Pheidole*: Emery, 1915i: 190; Forel, 1917: 241; Emery, 1921f: 81; Wheeler, W.M. 1922a: 673; all subsequent authors to the following.

Pheidolacanthinus as junior synonym of *Pheidole*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1365; Snelling, R.R. 1981: 395.

Ceratopheidole Pergande, 1896: 889 [as subgenus of *Pheidole*]. Type-species: *Pheidole (Ceratopheidole) granulata* Pergande, 1896: 890, by monotypy.

Taxonomic history

Ceratopheidole in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 112; Wheeler, W.M. 1922a: 661; all subsequent authors.

Ceratopheidole as genus: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 112; Wheeler, W.M. 1922a: 661; Chapman & Capco, 1951: 135; Wu, J. & Wang, 1995: 104.

Ceratopheidole as subgenus of *Pheidole*: Pergande, 1896: 889; Kempf, 1972a: 183.

Ceratopheidole as junior synonym of *Pheidole*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1365; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

Epipheidole Wheeler, W.M. 1903f: 664. Type-species: *Epipheidole inquilina* Wheeler, W.M. 1903f: 664, by monotypy.

Taxonomic history

[*Epipheidole* also described as new by Wheeler, W.M. 1904a: 14.]

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

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

Epipheidole in Myrmicinae, Pheidolini: Emery, 1914a: 40; Forel, 1917: 241; Emery, 1922e: 114; Wheeler, W.M. 1922a: 661; Creighton, 1950a: 192.

Epipheidole as junior synonym of *Pheidole*: Cole, 1965: 174; Smith, D.R. 1979: 1366.

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; all subsequent authors to the following.

Sympheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1365; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

Alloheidole Forel, 1912f: 237 [as subgenus of *Pheidole*]. Type-species: *Pheidole kingi* André, 1898: 244 (junior synonym of *Pheidole tepicana* Pergande, 1896: 878), by subsequent designation of Wheeler, W.M. 1913a: 79.

Taxonomic history

Alloheidole as subgenus of *Pheidole*: Forel, 1912f: 237; Forel, 1917: 241.

Alloheidole as junior synonym of *Pheidole*: Emery, 1915i: 190; Emery, 1921f: 84; Smith, D.R. 1979: 1366.

Decapheidole Forel, 1912f: 237 [as subgenus of *Pheidole*]. Type-species: *Pheidole flavens perpusilla* Emery, 1894c: 157, by subsequent designation of Wheeler, W.M. 1913a: 80.

Taxonomic history

Decapheidole in Myrmicinae, Pheidolini: Wheeler, W.M. 1922a: 661.

Decapheidole as genus: Wheeler, W.M. 1922a: 661; Borgmeier, 1927c: 78.

Decapheidole as subgenus of *Pheidole*: Forel, 1912f: 237, Forel, 1917: 241; Emery, 1922e: 112; Kempf, 1972a: 183.

Decapheidole as junior synonym of *Pheidole*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

Isopheidole Forel, 1912m: 765 [as subgenus of *Pheidole*]. Type-species: *Myrmica longipes* Smith, F. 1857a: 70 (junior secondary homonym; replacement name: *Pheidole singaporenensis* Özdikmen, 2010b: 804), by monotypy.

Taxonomic history

Isopheidole as junior synonym of *Ischnomyrmex*: Forel, 1913b: 350 (in text); Forel, 1913k: 49; Emery, 1922e: 113; Wheeler, W.M. 1922a: 680 (in key). [*Ischnomyrmex* and *Isopheidole* share the same type-species, synonymy is therefore absolute.]

Elasmopheidole Forel, 1913k: 43 [as subgenus of *Pheidole*]. Type-species: *Pheidole aberrans* Mayr, 1868b: 172, by subsequent designation of Emery, 1915i: 190.

Taxonomic history

Elasmopheidole as subgenus of *Pheidole*: Forel, 1913k: 43; Emery, 1915i: 190; Forel, 1917: 241; Emery, 1922e: 110; Wheeler, W.M. 1922a: 673; all subsequent authors to the following.

Elasmopheidole as junior synonym of *Pheidole*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395.

Cardiopheidole Wheeler, W.M. 1914b: 48 [as subgenus of *Pheidole*]. Type-species: *Pheidole vaslitii* Pergande, 1896: 883 (junior synonym of *Pheidole hyatti* Emery, 1895c: 295), by original designation.

Taxonomic history

Cardiopheidole as subgenus of *Pheidole*: Wheeler, W.M. 1914b: 48; Forel, 1917: 241.

Cardiopheidole as junior synonym of *Pheidole*: Emery, 1915i: 190; Emery, 1921f: 84; Smith, D.R. 1979: 1366.

Anergatides Wasmann, 1915b: 281. Type-species: *Anergatides kohli* Wasmann, 1915b: 283 (junior secondary homonym; replacement name *Pheidole neokohli* Wilson, 1984: 328), by monotypy.

Taxonomic history

Anergatides in Myrmicinae, Pheidolini: Forel, 1917: 243 [subtribe Anergatini]; Emery, 1922e: 116 [subtribe Anergatidini]; Donisthorpe, 1943f: 623.

Anergatides in Myrmicinae, Solenopsidini: Wheeler, W.M. 1922a: 663; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism).

Anergatides as junior synonym of *Pheidole*: Brown, 1973b: 178 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 1984: 328; Bolton, 1994: 106.

Parapheidole Emery, 1915d: 68. Type-species: *Aphaenogaster oculata* Emery, 1899f: 276, by monotypy.

Taxonomic history

Parapheidole in Myrmicinae, Pheidolini: Forel, 1917: 241; Emery, 1922e: 115; Wheeler, W.M. 1922a: 661; all subsequent authors.

Parapheidole as junior synonym of *Pheidole*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395.

Macropheidole Emery, 1915i: 190 [as subgenus of *Pheidole*]. Type-species: *Pheidole fimbriata* Roger, 1863a: 196, by monotypy.

Taxonomic history

Macropheidole as subgenus of *Pheidole*: Emery, 1915i: 190; Forel, 1917: 241; Emery, 1921f: 81; Wheeler, W.M. 1922a: 673; all subsequent authors to the following.

Macropheidole as junior synonym of *Pheidole*: Smith, M.R. 1951a: 800; Brown, 1973b: 181 [provisional]; Smith, D.R. 1979: 1366.

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; all subsequent authors to the following.

Scrobopheidole as junior synonym of *Pheidole*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

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; all subsequent authors to the following.

Stegopheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395.

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; all subsequent authors to the following.

Trachypheidole as junior synonym of *Pheidole*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

Electropheidole Mann, 1921: 438 [as subgenus of *Pheidole*]. Type-species: *Pheidole (Electropheidole) roosevelti* Mann, 1921: 438, by subsequent designation of Donisthorpe, 1943f: 642.

Taxonomic history

Electropheidole as subgenus of *Pheidole*: Mann, 1921: 438; Wheeler, W.M. 1922a: 672; all subsequent authors to the following.

Electropheidole as junior synonym of *Pheidole*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395.

Bruchomyrma Santschi, 1922d: 248. Type-species: *Bruchomyrma acutidens* Santschi, 1922d: 249, by monotypy.

Taxonomic history

Bruchomyrma in Myrmicinae, Pheidolini: Donisthorpe, 1943f: 629.

Bruchomyrma in Myrmicinae, Myrmicini: Kempf, 1972a: 42.

Bruchomyrma as junior synonym of *Pheidole*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 1984: 327; Bolton, 1994: 106; Wilson, 2003: 6.

Bruchomyrma as genus: Dlussky & Fedoseeva, 1988: 80 (anachronism).

Cephalomorium Forel, 1922: 91 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Cephalomorium) bahai* Forel, 1922: 91, by monotypy.

Taxonomic history

Cephalomorium as junior synonym of *Hendecapheidole*: Santschi, 1925d: 228.

Hendecapheidole Wheeler, W.M. 1922d: 3 [as subgenus of *Pheidole*]. Type-species: *Pheidole tachigaliae* Wheeler, W.M. 1921f: 148, by original designation.

Taxonomic history

Hendecapheidole as junior synonym of *Pheidole*: Brown, 1973b: 181 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 2003: 6.

Gallardomyrma Bruch, 1932: 271. Type-species: *Gallardomyrma argentina* Bruch, 1932: 273, by original designation.

Taxonomic history

Gallardomyrma in Myrmicinae, Pheidolini: Donisthorpe, 1943f: 646.

Gallardomyrma in Myrmicinae, Myrmicini: Kempf, 1972a: 110.

Gallardomyrma as junior synonym of *Pheidole*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Wilson, 1984: 327; Wilson, 2003: 6.

Gallardomyrma as genus: Kempf, 1972a: 110; Dlussky & Fedoseeva, 1988: 80.

Conothoracoides Strand, 1935: 176.

Taxonomic history

[Replacement name for *Conothorax* Karavaiev; junior homonym of *Conothorax* Jekel, 1854: 9 bis (foldout pages) (Coleoptera).]

Conothoracoides as junior synonym of *Pheidole*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395.

Junior homonym replaced by *Conothoracoides*

Conothorax Karavaiev, 1935a: 75. Type-species: *Conothorax bilobum* Karavaiev, 1935a: 75, by monotypy.

Taxonomic history

[*Conothorax* Karavaiev junior homonym of *Conothorax* Jekel, 1854: 9 bis (foldout pages) (Coleoptera).]

Conothorax in Myrmicinae, Pheidolini: Karavaiev, 1935a: 75.

Eriopheidole Kusnezov, 1952a: 10. Type-species: *Eriopheidole symbiotica* Kusnezov, 1952a: 16 (junior secondary homonym; replacement name: *Pheidole kusnezovi* Wilson, 2003: 311), by monotypy.

Taxonomic history

Eriopheidole in Myrmicinae, Pheidolini: Kusnezov, 1952a: 10.

Eriopheidole in Myrmicinae, Myrmicini: Kempf, 1972a: 107.

Eriopheidole junior synonym of *Pheidole*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1366; Snelling, R.R. 1981: 395; Bolton, 1994: 106.

Eriopheidole as genus: Kempf, 1972a: 107; Dlussky & Fedoseeva, 1988: 80 (anachronism).

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.

Pheidole catalogues: Roger, 1863b: 27, 30 (*Ischnomyrmex*, *Pheidole*); Mayr, 1863: 424, 440 (*Ischnomyrmex*, *Pheidole*); Emery & Forel, 1879: 463 (Europe); Cresson, 1887: 262 (U.S.A.); Dalla Torre, 1893: 88, 98 (*Pheidole*, *Pheidolacanthinus*); Emery, 1921f: 81, 81, 83, 84 (*Pheidole* (*Macropheidole*), *P.* (*Pheidolacanthinus*), *P.* (*Stegopheidole*), *P.* (*Pheidole*)); Emery, 1922e: 110, 111, 112, 112, 112, 113, 114, 115, 115, 116 (*P.* (*Elasmopheidole*), *P.* (*Trachypheidole*), *P.* (*Scrobopheidole*), *P.* (*Decapheidole*), *P.* (*Ceratopheidole*), *Ischnomyrmex*, *Epipheidole*, *Sympheidole*, *Parapheidole*, *Anergatides*); Wheeler, W.M. 1922a: 806, 879 (Afrotropical *Pheidole*, *Anergatides*); Wheeler, W.M. 1922a: 1017, 1021 (Malagasy *Pheidole*, *Parapheidole*); Chapman & Capco, 1951: 135, 137 (Asia *Ceratopheidole*, *Conothorax*, *Ischnomyrmex*, *Pheidole*); Smith, M.R. 1951a: 799, 806, 807 (North America *Pheidole*, *Epipheidole*, *Sympheidole*); Kempf, 1972a: 183 (Neotropical); Smith, D.R. 1979: 1365 (North America); Taylor & Brown, D.R. 1985: 74 (Australia); Taylor, 1987a: 53 (Australia, New Caledonia & New Zealand); Brandão, 1991: 368 (Neotropical); Bolton, 1995b: 316.

Pheidole references: Smith, F. 1858b: 172 (diagnosis); Mayr, 1861: 70 (Europe species key); Mayr, 1865: 18, 22 (*Ischnomyrmex*, *Pheidole* diagnoses); Mayr, 1867a: 92, 96 (*Ischnomyrmex*, *Pheidole* diagnoses); Mayr, 1870b: 977, 979 (Australia & New World species keys); Mayr, 1876: 102 (Australia species key); André, 1883b: 382 (Europe & Algeria species key); Mayr, 1879: 674 (Asia species key); Mayr, 1887: 582 (New World species key); Nasonov, 1889: 75 (Russia species key); Emery, 1895c: 288 (North America species key); Mayr, 1896: 241 (Africa species, partial key); Emery, 1896g: 80 (*P. flavens* group, key); Forel, 1902c: 165 (India species key); Forel, 1902f: 523 (India & Sri Lanka species key); Bingham, 1903: 223 (India, Sri Lanka & Burma species key); Wheeler, W.M. 1908a: 133 (Puerto Rico species key); Arnold, 1920a: 414 (diagnosis, South Africa species key); Mann, 1921: 442 (Fiji Is species key); Emery, 1921f: 78, 80, 81, 81, 83, 84 (*Pheidole* diagnosis, subgenera key, *P.* (*Macropheidole*), *P.*

(*Pheidolacanthinus*), *P.* (*Stegopheidole*), *P.* (*Pheidole*) diagnoses); Emery, 1922e: 110, 111, 112, 112, 112, 113, 114, 115, 115, 116 (*P.* (*Elasmopheidole*), *P.* (*Trachypheidole*), *P.* (*Scrobopheidole*), *P.* (*Decapheidole*), *P.* (*Ceratopheidole*), *Ischnomyrmex*, *Epipheidole*, *Sympheidole*, *Parapheidole*, *Anergatides* diagnoses); Wheeler, W.M. 1922a: 126, 672 (diagnosis, subgenera key); Gallardo, 1932c: 179 (Argentina *Elasmopheidole* species key); Finzi, 1936: 165 (Egypt species key); Menozzi, 1939a: 298 (Himalaya species key); Cole, 1942: 362 (U.S.A., Utah species key); Buren, 1944a: 285 (U.S.A., Iowa species key); Creighton, 1950a: 163 (***Pheidole Nearctic species key***: 163; *Epipheidole* Nearctic species: 192; *Sympheidole* Nearctic species: 194); Kusnezov, 1952b: 61 (Argentina species key); Smith, M.R. 1955c: 302 (*P.* (*Hendecapheidole*) species key); Gregg, 1959: 9 (U.S.A. species key); Gregg, 1963: 407 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 126 (U.S.A., North Dakota species key); Bernard, 1967: 149 (diagnosis, Western Europe species key); Gregg, 1969: 95 (addition to Gregg, 1959 U.S.A. key); Alayo, 1974: 11 (Cuba species key); Allred, 1982: 441 (U.S.A., Utah species key); Ogata, 1982: 191 (Japan species key); Collingwood, 1985: 253 (Saudi Arabia species key); Naves, 1985: 54 (U.S.A., Florida species key); Wheeler, G.C. & Wheeler, J. 1986g: 41 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 271 (Balkans species key); Hölldobler & Wilson, 1990: 15 (synoptic classification); Kupyanskaya, 1990: 123 (Far Eastern Russia species key); Morisita, Kubota, *et al.* 1992: 22 (Japan species key); Kupyanskaya, 1995: 345 (Far Eastern Russia species key); Bolton, 1995a: 1051 (census); Wu, J. & Wang, 1995: 99 (China species key); Collingwood & Agosti, 1996: 322 (Saudi Arabia species key); Park & Kim, 2000: 109 (Korea species key); Shattuck, 1999: 152 (Australia synopsis); Eguchi, 1999: 103 (Borneo *P. longipes* group, key); Ward, 2000: 96 (U.S.A. *P. hyatti* complex, key); Zhou, 2001b: 121 (China, Guangxi species key); Eguchi, 2001b: 10 (Borneo species key); Mackay & Mackay, 2002: 149 (U.S.A., New Mexico species key); Wilson, 2003: 27 (**New World, all species revision, key**); Sarnat, 2008: 8 (Fiji Is *P. roosevelti* group, key); Eguchi, 2008: 8 (North Vietnam species key); Terayama, 2009: 171 (Taiwan species key); Heterick, 2009: 169 (south-western Australia species key); Sarnat & Moreau, 2011: 114 (*P. roosevelti* group phylogeny and radiation); Fischer, *et al.* 2012: 9 (Afrotropical *P. pulchella* group key); Sarnat & Economo, 2012: 93 (Fiji Is species key); Fischer & Fisher, 2013: 308 (SW Indian Ocean islands species key).

Genera *incertae sedis* in Pheidolini

Genus **LONCHOMYRMEX*

**Lonchomyrmex* Mayr, 1867b: 61. Type-species: **Formica freyeri* Heer, 1867: 10, by monotypy.

Taxonomic history

**Lonchomyrmex* in Myrmicidae, Myrmicidae: Emery, 1877a: 81.

**Lonchomyrmex* in Myrmicinae: Dalla Torre, 1893: 156.

**Lonchomyrmex* in Formicinae?, Formicini?: Donisthorpe, 1943f: 658.

**Lonchomyrmex* in Myrmicinae, Pheidolini?: Bolton, 1994: 106; Bolton, 1995b: 248.

**Lonchomyrmex incertae sedis* in Myrmicinae, Pheidolini: Bolton, 2003: 64.

**Lonchomyrmex* as genus: all authors.

**Lonchomyrmex* references: Dlussky & Putyatina, 2014: 274 (diagnosis).

Genus ***PARAPHAENOGASTER**

**Paraphaenogaster* Dlussky, 1981b: 68. Type-species: **Paraphaenogaster microphthalmus* Dlussky, 1981b: 69, by original designation.

Taxonomic history

**Paraphaenogaster* in Myrmicinae, Pheidolini: Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1995b: 312.

[**Paraphaeogaster*: incorrect subsequent spelling by Hong, 1984: 8.]

**Paraphaenogaster* references: Dlussky & Putyatina, 2014: 271 (diagnosis, compression fossils).

Tribe LENOMYRMECINI

Lenomyrmecini Bolton, 2003: 64, 236. Type-genus: *Lenomyrmex* Fernández & Palacio, 1999: 8.

Taxonomic history

Lenomyrmecini as tribe of Myrmicinae: Bolton, 2003: 64, 236.

Genus of *Lenomyrmecini*: *Lenomyrmex*

Genus **LENOMYRMEX**

Lenomyrmex Fernández & Palacio, 1999: 8. Type-species: *Lenomyrmex mandibularis* Fernández & Palacio, 1999: 8, by original designation.

Taxonomic history

Lenomyrmex in Myrmicinae, Pheidolini: Fernández & Palacio, 1999: 8.

Lenomyrmex in Myrmicinae, *Lenomyrmecini*: Bolton, 2003: 65.

Lenomyrmex as genus: all authors.

***Lenomyrmex* references:** Fernández & Palacio, 1999: 14 (**all species key**); Fernández, 2001: 203 (**all species key**); Delsinne & Fernández, 2011: 3 (**all species key**).

Tribe PARATOPULINI

Paratopulini Bolton, 2003: 65, 237. Type-genus: *Paratopula* Wheeler, W.M. 1919e: 144.

Taxonomic history

Paratopulini as tribe of Myrmicinae: Bolton, 2003: 65.

Genus of Paratopulini: *Paratopula*

Genus **PARATOPULA**

Paratopula Wheeler, W.M. 1919e: 144. Type-species: *Atopomyrmex ceylonicus* Emery, 1901f: 114, by original designation.

Taxonomic history

Paratopula in Myrmicinae, Myrmecinini: Wheeler, W.M. 1922a: 663.

Paratopula in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Paratopula in Myrmicinae, Paratopulini: Bolton, 2003: 65.

Paratopula as junior synonym of *Atopula*: Brown, 1973b: 183 [provisional].

Paratopula as genus: Bolton, 1988b: 125, all subsequent authors.

Paratopula catalogues: Chapman & Capco, 1951: 115, 118 (Asia *Atopula*, *Paratopula*); Bolton, 1995b: 312.

Paratopula references: Bolton, 1988b: 125 (diagnosis, review of genus, **all species revision, key**); Bolton, 1995a: 1051 (census); Xu & Xu, 2012: 595 (**all species key**).

Tribe **CREMATOGASTRINI**

Cremastogaster Forel, 1893a: 164. Type-genus: *Crematogaster* Lund, 1831a: 132.

Taxonomic history

Crematogastrini as tribe of Myrmicinae: Forel, 1893a: 164 [*Crematogastrii*]; Emery, 1895j: 769 [*Crematogastrii*]; Forel, 1899c: 81 [*Crematogastrii*]; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140 [*Crematogastrii*]; Emery, 1914a: 37; Forel, 1917: 242; Arnold, 1920a: 482; Emery, 1922e: 127; Wheeler, W.M. 1922a: 656; all subsequent authors.

Genera of Crematogastrini: *Crematogaster*, *Recurvidris*.

Genera of Crematogastrini

Genus ***CREMATOGASTER***

Crematogaster Lund, 1831a: 132. Type-species: *Formica scutellaris* Olivier, 1792: 497, by subsequent designation of Bingham, 1903: 124.

Taxonomic history

[Type-species not *Formica acuta* Fabricius, 1804: 411, unjustified subsequent designation by Emery, 1912d: 272; this error repeated in, for example, Emery, 1914c: 39, Arnold, 1920a: 482, Emery, 1922e: 128, Gallardo, 1934: 4, Soulié, 1965: 78.]

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

Crematogaster in Myrmicidae: Smith, F. 1971a: 329; Cresson, 1887: 262.

Crematogaster in Myrmicinae: Mayr, 1855: 468 [Myrmicidae]; Smith, F. 1857a: 75 [Myrmicidae]; Mayr, 1861: 74 [Myrmicidae]; Mayr, 1865: 22 [Myrmicidae]; Emery & Forel, 1879a: 464 [Myrmicidae]; Dalla Torre, 1893: 79.

Crematogaster in Myrmicinae, Pheidolini: Emery, 1877a: 81 [Myrmicidae, Pheidolidae].

Crematogaster in Myrmicinae, Crematogastrini: Forel, 1893a: 164; Forel, 1895b: 130; Emery, 1895j: 769; Forel, 1899c: 81; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 140; Emery, 1914a: 41; Forel, 1917: 242; Arnold, 1920a: 482; Emery, 1922e: 127; Wheeler, W.M. 1922a: 661; all subsequent authors.

Crematogaster as genus: all authors.

[*Cremastogaster*: incorrect subsequent spelling by Mayr, 1861: 74 (and many later authors). Discussions of spelling: Emery, 1912d: 272 (footnote); Wheeler, W.M. 1913a: 78; Donisthorpe, 1941f: 36; Buren, 1959: 125.]

Subgenera of ***CREMATOGASTER*** include the nominal plus *Orthocrema*.

Junior synonyms of ***CREMATOGASTER* (*CREMATOGASTER*)**

Acrocoelia Mayr, 1853a: 147. Type-species: *Acrocoelia ruficeps* Mayr, 1853a: 147 (junior synonym of *Formica scutellaris* Olivier, 1792: 497), by subsequent designation of Wheeler, W.M. 1911f: 158.

Taxonomic history

Acrocoelia as genus: Mayr, 1853a: 147; Soulié, 1964: 398.

Acrocoelia as subgenus of *Crematogaster*: Emery, 1922e: 140; Donisthorpe, 1943f: 619; Creighton, 1950a: 206; Chapman & Capco, 1951: 86.

Acrocoelia as junior synonym of *Crematogaster*: Roger, 1863b: 36; Mayr, 1863: 404; Emery & Forel, 1879a: 464; Dalla Torre, 1893: 79; Wheeler, W.M. 1911f: 158; Wheeler, W.M. 1922a: 828; Buren, 1959: 126; Kempf, 1972a: 81; Brown, 1973b: 178; Blaimer, 2012c: 52. [Type-species of *Acrocoelia* and *Crematogaster* are synonymous, generic synonymy is therefore absolute.]

Oxygyne Forel, 1901e: 375 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Oxygyne) daisyi* Forel, 1901e: 376, by subsequent designation of Wheeler, W.M. 1911f: 169.

Taxonomic history

Oxygyne as genus: Soulié, 1964: 398.

Oxygyne as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Oxygyne as subgenus of *Crematogaster*: Forel, 1901e: 375; Forel, 1917: 242; Arnold, 1920a: 542; Emery, 1922e: 156; Wheeler, W.M. 1922a: 662; subsequent authors except those above; Bolton, 1995b: 40.

Oxygyne as junior synonym of *Crematogaster*: Blaimer, 2012c: 52.

Decacrema Forel, 1910a: 18 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster schencki* Forel, 1891b: 182, by subsequent designation of Wheeler, W.M. 1911f: 161.

Taxonomic history

[*Decacrema* also described as new by Forel, 1910f: 9. Type-species not *Crematogaster (Decacrema) decamera* Forel, 1910a: 18 (footnote), unjustified subsequent designation by Wheeler, W.M. 1922a: 860.]

Decacrema as genus: Soulié, 1964: 398.

Decacrema as junior synonym of *Crematogaster*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Decacrema as subgenus of *Crematogaster*: Forel, 1910a: 18; Forel, 1917: 242; Arnold, 1920a: 547; Emery, 1922e: 137; Wheeler, W.M. 1922a: 661; subsequent authors except for those above; Bolton, 1995b: 26.

Decacrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 52.

[*Decrcrema*: incorrect subsequent spelling by Arnold, 1920a: 547.]

Atopogyne Forel, 1911d: 343 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Atopogyne) hellenica* Forel, 1911d: 342, by subsequent designation of Wheeler, W.M. 1911f: 159.

Taxonomic history

[Type-species not *Formica depressa* Latreille, 1802c: 268, unjustified subsequent designation by Emery, 1912d: 272; repeated in Emery, 1922e: 154, Wheeler, W.M. 1922a: 851 and Soulié, 1965: 78.]

Atopogyne as genus: Soulié, 1964: 398.

Atopogyne as junior synonym of *Crematogaster*: Brown, 1973b: 178 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Atopogyne as subgenus of *Crematogaster*: Forel, 1911d: 343; Forel, 1917: 242; Arnold, 1920a: 545; Emery, 1922e: 153; Wheeler, W.M. 1922a: 662; subsequent authors except for those above; Bolton, 1995b: 21.

Atopogyne as junior synonym of *Crematogaster*: Blaimer, 2012c: 53.

Physocrema Forel, 1912f: 220 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster inflata* Smith, F. 1857a: 76, by subsequent designation of Wheeler, W.M. 1913a: 82.

Taxonomic history

Physocrema as genus: Soulié, 1964: 398.

Physocrema as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Physocrema as subgenus of *Crematogaster*: Forel, 1912f: 220; Forel, 1917: 242; Emery, 1922e: 139; Wheeler, W.M. 1922a: 662; subsequent authors except for those above; Bolton, 1995b: 42.

Physocrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 53.

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.

Xiphocrema as junior synonym of *Crematogaster*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Xiphocrema as subgenus of *Crematogaster*: Forel, 1913k: 80; Forel, 1917: 242; Emery, 1922e: 138; Wheeler, W.M. 1922a: 662; subsequent authors except for those above; Bolton, 1995b: 50.

Xiphocrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 53.

Nematocrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster stadelmanni* Mayr, 1895: 140, by original designation.

Taxonomic history

Nematocrema as genus: Soulié, 1964: 398.

Nematocrema as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Nematocrema as subgenus of *Crematogaster*: Santschi, 1918d: 182; Emery, 1922e: 157; Wheeler, W.M. 1922a: 662; subsequent authors except for those above; Bolton, 1995b: 38.

Nematocrema as junior synonym of *Oxygyne*: Blaimer, 2012a: 249.

Nematocrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 52.

Paracrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster spengeli* Forel, 1912n: 56, by original designation.

Taxonomic history

Paracrema as genus: Soulié, 1964: 398.

Paracrema as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Paracrema as subgenus of *Crematogaster*: Santschi, 1918d: 182; Emery, 1922e: 155; Wheeler, W.M. 1922a: 662; subsequent authors except those above; Bolton, 1995b: 41.

Paracrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 53.

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.

Sphaerocrema as junior synonym of *Crematogaster*: Brown, 1973b: 185 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

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

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

Colobocrema Wheeler, W.M. 1927f: 31 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Colobocrema) cylindriceps* Wheeler, W.M. 1927f: 31, by monotypy.

Taxonomic history

Colobocrema as junior synonym of *Crematogaster*: Brown, 1973b: 179 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Colobocrema as subgenus of *Crematogaster*: Wheeler, W.M. 1927f: 31; Bolton, 1995b: 24.

Colobocrema as junior synonym of *Crematogaster*: Blaimer, 2012c: 53.

Subgenus **CREMATOGASTER (ORTHOCREMA)**

Orthocrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Myrmica sordidula* Nylander, 1849: 44, by original designation.

Taxonomic history

Orthocrema as genus: Soulié, 1964: 398.

Orthocrema as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Orthocrema as subgenus of *Crematogaster*: Santschi, 1918d: 182; Emery, 1922e: 130; Wheeler, W.M. 1922a: 662; subsequent authors except those above; Bolton, 1995b: 40.

Junior synonyms of *CREMATOGASTER (ORTHOCREMA)*

Eucrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Formica acuta* Fabricius, 1804: 411, by original designation.

Taxonomic history

[Emery, 1919b: 62, Emery, 1922e: 137, Soulié, 1964: 389 and Soulié, 1965: 78 incorrectly treat *Eucrema* as a junior synonym of subgenus *Crematogaster sensu stricto*. This stems from Emery's 1912d: 272 unjustified subsequent designation of *Formica acuta* Fabricius, 1804: 411 as type-species of *Crematogaster*; see above.]

Eucrema as junior synonym of *Crematogaster*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Eucrema as subgenus of *Crematogaster*: Kempf, 1972a: 82; Bolton, 1995b: 29.

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

Neocrema Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster distans* Mayr, 1870a: 402, by original designation.

Taxonomic history

Neocrema as subgenus of *Crematogaster*: Santschi, 1918d: 182; Santschi, 1922d: 244; Wheeler, W.M. 1922a: 662; Kempf, 1972a: 82; Bolton, 1995b: 39.

Neocrema as genus: Soulié, 1964: 398.

Neocrema as junior synonym of *Crematogaster*: Brown, 1973b: 183 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Neocrema as junior synonym of *Crematogaster (Orthocrema)*: Emery, 1922e: 130; Blaimer, 2012c: 52.

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.

Rhachiocrema as junior synonym of *Crematogaster*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

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

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

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 junior synonym of *Crematogaster*: Kempf, 1960c: 173.

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

Mesocrema Santschi, 1928b: 33 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster rasoherinae* Forel, 1891b: 194, by subsequent designation of Donisthorpe, 1943f: 661.

Taxonomic history

Mesocrema as junior synonym of *Crematogaster*: Brown, 1973b: 182 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Mesocrema as subgenus of *Crematogaster*: Santschi, 1928b: 33; Bolton, 1995b: 35.

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

Apterocrema Wheeler, W.M. 1936c: 45 (in text) [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Apterocrema) atitlanica* Wheeler, W.M. 1936c: 47 (junior synonym of *Crematogaster sumichrasti* Mayr, 1870b: 993), by monotypy.

Taxonomic history

Apterocrema as junior synonym of *Crematogaster*: Brown, 1973b: 178 [provisional]; Smith, D.R. 1979: 1376; Hölldobler & Wilson, 1990: 13.

Apterocrema as subgenus of *Crematogaster*: Wheeler, W.M. 1936c: 45; Kempf, 1972a: 81; Bolton, 1995b: 21.

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

***Crematogaster* catalogues:** Roger, 1863b: 36; Mayr, 1863: 403; Emery & Forel, 1879: 464 (Europe); Cresson, 1887: 262 (U.S.A.); Dalla Torre, 1893: 79; Emery, 1922e: 130, 137, 137, 138, 139, 140, 152, 153, 155, 156, 157 (*C. (Orthocrema)*, *C. (Crematogaster)*, *C. (Decacrema)*, *C. (Xiphocrema)*, *C. (Physocrema)*, *(C. (Acroceolia))*, *(C. (Sphaeroocrema))*, *C. (Atopogyne)*, *C. (Paracrema)*, *C. (Oxygyne)*, *C. (Nematocrema)*); Wheeler, W.M. 1922a: 828, 1022 (Afrotropical, Malagasy); Chapman & Capco, 1951: 86 (Asia); Smith, M.R. 1951a: 807 (North America); Kempf, 1972a: 81 (Neotropical); Smith, D.R. 1979:

1376 (North America); Taylor & Brown, D.R. 1985: 60 (Australia); Taylor, 1987a: 22 (Australia); Bolton, 1995b: 146.

Crematogaster references: Mayr, 1855: 468 (diagnosis); Smith, F. 1858b: 135 (diagnosis); Mayr, 1865: 22 (diagnosis); Mayr, 1867a: 103 (diagnosis); Mayr, 1870b: 989 (New World species key); Mayr, 1876: 107 (Australia species key); Mayr, 1879: 680 (Asia species key); André, 1883b: 391 (Europe & Algeria species key); Nasonov, 1889: 76 (Russia species key); Forel, 1892k: 528 (Madagascar species key); Mayr, 1895: 135 (Africa species key); Forel, 1903a: 679 (India & Sri Lanka species key); Bingham, 1903: 124 (diagnosis, India, Sri Lanka & Burma species key); Ruzsky, 1905b: 486 (Russian Empire species key); Wheeler, W.M. 1910g: 140 (diagnosis); Emery, 1912e: 651 (Palaearctic species key); Santschi, 1913a: 411 (*C. tricolor* group, key); Emery, 1914a: 37 (tribe diagnosis (in key)); Emery, 1916b: 156 (Italy species key); Bondroit, 1918: 112 (France & Belgium species key); Santschi, 1918d: 183 (subgenera key); Mann, 1919: 323 (Solomon Is species key); Arnold, 1920a: 482, 486 (diagnosis, South Africa species key); Emery, 1922e: 127 (*Crematogaster* diagnosis, subgenera key); Emery, 1922e: 130, 137, 137, 138, 139, 140, 152, 153, 155, 156, 157 (*C. (Orthocrema)*, *C. (Crematogaster)*, *C. (Decacrema)*, *C. (Xiphocrema)*, *C. (Physocrema)*, *(C. (Acroceolia))*, *(C. (Sphaerocrema))*, *C. (Atopogyne)*, *C. (Paracrema)*, *C. (Oxygyne)*, *C. (Nematocrema)* diagnoses); Wheeler, W.M. 1922a: 150, 661 (diagnosis, subgenera key); Menozzi, 1930b: 106 (Somalia species key); Santschi, 1930c: 263 (Japan species key); Menozzi, 1933b: 61 (Israel species key); Gallardo, 1934: 4, 54 (Argentina *C. (Orthocrema)*, *C. (Neocrema)* species keys); Menozzi, 1935a: 112 (Malayo-Papuan *C. (Orthocrema)* species key); Finzi, 1936: 175 (Egypt species key); Santschi, 1937e: 311 (Palaearctic species key); Menozzi, 1939a: 300 (Himalaya & Tibet species key); Donisthorpe, 1941l: 226 (*C. (Physocrema)* species key); Cole, 1942: 363 (U.S.A., Utah species key); Buren, 1944a: 288 (U.S.A., Iowa species key); Creighton, 1945: 114 (*C. (Rhachiocrema)* species key); Creighton, 1950a: 203 (**Nearctic species key**); Fromantin & Soulié, 1961: 92 (subgenera key); Gregg, 1963: 356 (U.S.A., Colorado species key); Soulié, 1965: 77 (genera key); Bernard, 1967: 159 (diagnosis, Western Europe species key); Buren, 1968b: 91 (U.S.A. species key); Delage-Darchen, 1973: 221 (venation); Alayo, 1974: 13 (Cuba species key); Tarbinsky, 1976: 75 (Kyrgyzstan species key); Wheeler, G.C. & Wheeler, J. 1976b: 54 (larvae, review & synthesis); Wheeler, G.C. & Wheeler, J. 1986g: 47 (U.S.A., Nevada species key); Agosti & Collingwood, 1987b: 272 (Balkans species key); Arnol'di & Dlussky, 1978: 538 (former European U.S.S.R. species key); Collingwood, 1978: 81 (Iberian Peninsula species key); Allred, 1982: 439 (U.S.A., Utah species key); Collingwood, 1985: 259 (Saudi Arabia species key); Johnson, 1988: 330 (Eastern U.S.A. species key); Dlussky, Soyunov & Zabelin, 1990: 242 (Turkmenistan species key); Kupyanskaya, 1990: 128 (Far Eastern Russia species key); Brandão, 1991: 338 (Neotropical catalogue); Morisita, Kubota, et al. 1992: 59 (Japan species key); Atanasov & Dlussky, 1992: 181 (Bulgaria species key); Arakelian, 1994: 43 (Armenia species key); Kupyanskaya, 1995: 346 (Far Eastern Russia species key); Bolton, 1995a: 1049 (census); Wu, J. & Wang, 1995: 62 (China species key); Collingwood & Agosti, 1996: 328 (Saudi Arabia species key); Seifert, 1996b: 115 (Central Europe species key); Onoyama, 1998: 228 (Japan species key); Collingwood & Prince, 1998: 15 (Portugal species key); Shattuck, 1999: 132 (Australia synopsis); Zhou, 2001b: 73 (China, Guangxi species key); Mackay & Mackay, 2002: 71 (U.S.A., New Mexico species key); Longino, 2003a: 25 (Costa Rica species key); Bolton, 2003: 66, 237 (diagnosis, synopsis); Radchenko, 2005b: 192 (North Korea species key); Cagniant, 2005: 8 (Morocco species key); Seifert, 2007: 115 (North and Central Europe species key); Hosoishi & Ogata, 2009: 17 (*C. (Physocrema) all species revision, key*); Terayama, 2009: 177 (Taiwan species key); Heterick, 2009: 146 (south-western Australia species key); Blaimer, 2010: 7, 14 (Madagascar subgenera and *C. (Decacrema)* species keys); Karaman, M.G. 2011: 14 (Southern Europe species key); Blaimer, 2012a: 249 (Madagascar *C. (Oxygyne)* species key); Blaimer, 2012b: 34 (Madagascar *C. (Orthocrema)* species key); Hosoishi & Ogata, 2012: 20 (*C. brevis*

complex key); Blaimer, 2012c: 52 (revision of subgenera); Blaimer, 2012d: 421 (phylogeny); Blaimer & Fisher, 2013a: 8 (*C. kelleri* group key); Blaimer & Fisher, 2013b: 11 (Malagasy subgenera and species group key; *C. degeeri* complex key).

Genus **RECURVIDRIS**

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.

Recurvidris in Myrmicinae, Crematogastrini: Bolton, 2003: 66.

Recurvidris as genus: all authors since Bolton, 1992: 36.

Junior homonym replaced by **RECURVIDRIS**

Trigonogaster Forel, 1890b: cviii. Type-species: *Trigonogaster recurvispinosus* Forel, 1890b: cix, by monotypy.

Taxonomic history

[Junior homonym of *Trigonogaster* Guérin-Méneville, 1844b: 1149 (Hymenoptera, Pteromalidae).]

Trigonogaster in Myrmicinae: Dalla Torre, 1893: 72.

Trigonogaster in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139.

Trigonogaster in Myrmicinae, Leptothoracini: Emery, 1914a: 42.

Trigonogaster in Myrmicinae, Solenopsidini: Wheeler, W.M. 1922a: 663.

Trigonogaster in Myrmicinae, Pheidologetini: Emery, 1915i: 192 [subtribe Lophomyrmicini]; Forel, 1917: 243; Emery, 1924d: 210; all subsequent authors except the following.

Trigonogaster incertae sedis in Myrmicinae: Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81.

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); Bolton, 1992: 35 (diagnosis, review of genus, **all species revision, key**); Bolton, 1995a: 1052 (census); Zhou, 2000: 301 (China species key); Zhou, 2001b: 110 (China, Guangxi species key).

Tribe ANKYLOMYRMINI

Ankylomyrmini Bolton, 2003: 66, 241. Type-genus: *Ankylomyrma* Bolton, 1973c: 235.

Taxonomic history

Ankylomyrmini as tribe of Myrmicinae: Bolton, 2003: 66.

Genus of Ankylomyrmini: *Ankylomyrma*

Genus ANKYLOMYRMA

Ankylomyrma Bolton, 1973c: 235. Type-species: *Ankylomyrma coronacantha* Bolton, 1973c: 235, by original designation.

Taxonomic history

Ankylomyrma in Myrmicinae, Meranoplini: Bolton, 1973c: 236; Wheeler, G.C. & Wheeler, J. 1985: 257.

Ankylomyrma incertae sedis in Myrmicinae: Dlussky & Fedoseeva, 1988: 80.

Ankylomyrma in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995a: 1048; Bolton, 1995b: 63.

Ankylomyrma in Myrmicinae, Ankylomyrmini: Bolton, 2003: 67.

***Ankylomyrma* references:** Bolton, 1981b: 247 (diagnosis, review of genus).

Tribe LIOMYRMECINI

Liomyrmecini Bolton, 2003: 67, 241. Type-genus: *Liomyrmex* Mayr, 1865: 23.

Taxonomic history

Liomyrmecini as tribe of Myrmicinae: Bolton, 2003: 67.

Genus of Liomyrmecini: *Liomyrmex*

Genus LIOMYRMEX

Liomyrmex Mayr, 1865: 23. Type-species: *Myrmica caeca* Smith, F. 1860b: 108 (junior primary homonym; replacement name: *Laparomyrmex gestroi* Emery, 1887b: 461), by monotypy.

Taxonomic history

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

Liomyrmex in Myrmicinae: Mayr, 1865: 23 [Myrmicidae]; Dalla Torre, 1893: 63.

Liomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

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

Liomyrmex in Myrmicinae, Solenopsidini: Emery, 1914a: 41 [subtribe Monomoriini]; Forel, 1917: 243; Emery, 1922e: 191; Wheeler, W.M. 1922a: 663; all subsequent authors to the following.

Liomyrmex incertae sedis in Myrmicinae: Ettershank, 1966: 81; Dlussky & Fedoseeva, 1988: 81.

Liomyrmex in Myrmicinae, Metaponini: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105.

Liomyrmex in Myrmicinae, Liomyrmecini: Bolton, 2003: 67.

Liomyrmex as genus: all authors.

Junior synonyms of *LIOMYRMEX*

Laparomyrmex Emery, 1887b: 461. Type-species: *Laparomyrmex gestroi* Emery, 1887b: 461, by monotypy.

Taxonomic history

Laparomyrmex as junior synonym of *Liomyrmex*: Dalla Torre, 1893: 63.

Promyrma Forel, 1912m: 764. Type-species: *Promyrma butteli* Forel, 1912m: 764, by monotypy.

Taxonomic history

Promyrma as junior synonym of *Liomyrmex*: Forel, 1913k: 26; Emery, 1921f: 191; Wheeler, W.M. 1922a: 683 (in key).

Liomyrmex catalogues: Dalla Torre, 1893: 63; Emery, 1922e: 191; Donisthorpe, 1948a: 293; Chapman & Capco, 1951: 162 (Asia); Ettershank, 1966: 152; Bolton, 1995b: 248.

Liomyrmex references: Bingham, 1903: 198 (diagnosis); Emery, 1922e: 191 (diagnosis); Ettershank, 1966: 152 (diagnosis, review of genus); Bolton, 1995a: 1050 (census); Rigato & Bolton, 2001: 247 (review of genus).

Tribe MERANOPLINI

Meranoplini Emery, 1914a: 37 (diagnosis in key). Type-genus: *Meranoplus* Smith, F. 1853: 224.

Taxonomic history

Meranoplini as tribe of Myrmicinae: Emery, 1914a: 37; Arnold, 1917: 360; Forel, 1917: 244; Wheeler, W.M. 1922a: 658; Emery, 1924d: 222; all subsequent authors.

Genus (extant) of Meranoplini: *Meranoplus*.

Genus (extinct) of Meranoplini: **Parameranoplus*.

Genus *MERANOPLUS*

Meranoplus Smith, F. 1853: 224. Type-species: *Cryptocerus bicolor* Guérin-Méneville, 1844a: 425, by subsequent designation of Bingham, 1903: 166.

Taxonomic history

Meranoplus in Myrmicidae, Cryptoceridae: Smith, F. 1853: 224; Emery, 1877a: 81.

Meranoplus in Poneridae, Cryptoceridae: Smith, F. 1858b: 193.

Meranoplus in Formicidae, Cryptoceridae: Smith, F. 1957a: 81; Smith, F. 1862d: 412.

Meranoplus in Cryptoceridae: Smith, F. 1871a: 334; Smith, F. 1876d: 611.

Meranoplus in Cryptoceridae, Cataulacinae: Ashmead, 1905b: 384.

Meranoplus in Myrmicinae: Mayr, 1865: 26 [Myrmicidae]; Dalla Torre, 1893: 136.

Meranoplus in Myrmicinae, Tetramoriini: Emery, 1895j: 770; Wheeler, W.M. 1910g: 141.

Meranoplus in Myrmicinae, Meranoplini: Emery, 1914a: 41; Forel, 1917: 244; Arnold, 1917: 363; Wheeler, W.M. 1922a: 664; Emery, 1924d: 226; Wheeler, W.M. 1934a: 176; all subsequent authors.

Meranoplus as genus: all authors.

***Meranoplus* catalogues:** Roger, 1863b: 39 (catalogue); Mayr, 1863: 428 (catalogue); Dalla Torre, 1893: 136 (catalogue); Wheeler, W.M. 1922a: 887, 1029 (Afrotropical, Malagasy); Emery, 1924d: 222; Chapman & Capco, 1951: 112 (Asia); Taylor & Brown, D.R. 1985: 66 (Australia); Taylor, 1987a: 37 (Australia, New Caledonia); Bolton, 1995b: 250.

***Meranoplus* references:** Mayr, 1865: 26 (diagnosis); Forel, 1903a: 705 (India & Sri Lanka species key); Bingham, 1903: 167 (India, Sri Lanka & Burma species key); Emery, 1914a: 41 (synoptic classification); Arnold, 1917: 363 (diagnosis, South Africa species key); Forel, 1917: 244 (synoptic classification); Wheeler, W.M. 1922a: 183, 663 (*Meranoplus* diagnosis, Meranoplini genera key); Emery, 1924d: 222 (diagnosis, genera key); Wheeler, W.M. 1935a: 6 (genera key); Wheeler, G.C. & Wheeler, J. 1976b: 55 (larvae, review & synthesis); Bolton, 1981a: 44, 46 (review of tribe, diagnosis, **Afrotropical species revision, key**); Dlussky & Fedoseeva, 1988: 80 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1050 (census); Wu, J. & Wang, 1995: 78 (China species key); Schödl, 1998: 361 (**Oriental species revision, key**); Shattuck, 1999: 141 (Australia synopsis); Bolton, 2003: 67, 242 (diagnosis, synopsis); Andersen, 2006: 158 (Australia species groups key); Schödl, 2007: 373 (*M. diversus* group key); Heterick, 2009: 151 (south-western Australia species key).

Genus **PARAMERANOPPLUS*

**Parameranoplus* Wheeler, W.M. 1915h: 69. Type-species: **Parameranoplus primaevus* Wheeler, W.M. 1915h: 69, by monotypy.

Taxonomic history

**Parameranoplus* in Myrmicinae, Tetramoriini: Wheeler, W.M. 1915h: 69; Donisthorpe, 1943f: 681.

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

**Parameranoplus* in Myrmicinae, Meranoplini: Bolton, 1994: 105; Bolton, 1995b: 311.

Tribe MYRMICARIINI

Myrmicarii Forel, 1893a: 165. Type-genus: *Myrmicaria* Saunders, W.W. 1842: 57.

Taxonomic history

Myrmicariini as tribe of Myrmicinae: Forel, 1893a: 165 [Myrmicarii]; Emery, 1895j: 770 [Myrmicarii]; Wheeler, W.M. 1910g: 141 [Myrmicarii]; Ashmead, 1905b: 383; Emery, 1914a: 36; Arnold, 1916: 261; Forel, 1917: 242; Emery, 1922e: 120; Wheeler, W.M. 1922a: 656; all subsequent authors.

Genus of Myrmicariini: *Myrmicaria*

Genus *MYRMICARIA*

Myrmicaria Saunders, W.W. 1842: 57. Type-species: *Myrmicaria brunnea* Saunders, W.W. 1842: 57, by monotypy.

Taxonomic history

Myrmicaria in Poneridae, Myrmicinae: Smith, F. 1858b: 140.

Myrmicaria in Myrmicinae: Smith, F. 1871a: 330.

Myrmicaria in Myrmicinae, Pheidolidae: Emery, 1877a: 81.

Myrmicaria in Myrmicinae: Dalla Torre, 1893: 155.

Myrmicaria in Myrmicinae, Myrmicariini: Forel, 1893a: 165; Emery, 1895j: 770; Ashmead, 1905b: 383; Emery, 1914a: 40; Arnold, 1916: 261; Forel, 1917: 242; Emery, 1922e: 120; Wheeler, W.M. 1922a: 661; all subsequent authors.

Myrmicaria as genus: all authors.

Junior synonyms of *MYRMICARIA*

Heptacondylus Smith, F. 1857a: 71. Type-species: *Heptacondylus subcarinatus* Smith, F. 1857a: 73, by subsequent designation of Wheeler, W.M. 1911f: 164.

Taxonomic history

Heptacondylus in Poneridae, Myrmicidae: Smith, F. 1858b: 141.

Heptacondylus in Myrmicinae: Smith, F. 1857a: 71 [Myrmicidae]; Mayr, 1865: 24 [Myrmicidae].

Heptacondylus as junior synonym of *Myrmicaria*: Smith, F. 1865: 73; Mayr, 1866b: 905; Mayr, 1867a: 111; Smith, F. 1871a: 330; all subsequent authors.

Physatta Smith, F. 1857a: 77. Type-species: *Physatta dromedarius* Smith, F. 1857a: 78 (junior synonym of *Heptacondylus carinatus* Smith, F. 1857a: 73), by monotypy.

Taxonomic history

Physatta in Formicidae, Myrmicidae: Smith, F. 1857a: 77.

Physatta in Poneridae, Attidae: Smith, F. 1858b: 171.

Physatta as junior synonym of *Heptacondylus*: Mayr, 1862: 755 (in text); Roger, 1863b: 27; Mayr, 1863: 442.

Physatta as junior synonym of *Myrmicaria*: Mayr, 1866b: 905; Mayr, 1867a: 111; Smith, F. 1871a: 330; Dalla Torre, 1893: 155; Bingham, 1903: 117; all subsequent authors.

***Myrmicaria* catalogues:** Roger, 1863b: 27, 28 (*Heptacondylus, Myrmicaria*); Mayr, 1863: 422, 436 (*Heptacondylus, Myrmicaria*); Dalla Torre, 1893: 155; Emery, 1922e: 121; Wheeler, W.M. 1922a: 823 (Afrotropical); Chapman & Capco, 1951: 123 (Asia); Bolton, 1995b: 285.

***Myrmicaria* references:** Smith, F. 1858b: 140, 141, 171 (*Myrmicaria, Heptacondylus, Physatta* diagnoses); Mayr, 1865: 24 (*Heptacondylus* diagnosis); Mayr, 1867a: 111 (diagnosis); Bingham, 1903: 118 (India, Sri Lanka & Burma species key); Emery, 1914a: 36 (diagnosis (in key)); Arnold, 1916: 261 (diagnosis, South Africa species key); Emery, 1922e: 121 (diagnosis); Wheeler, W.M. 1922a: 141 (diagnosis); Santschi, 1925c: 171 (Afrotropical species, diagnosis, key); Karavaiev, 1935a: 84 (Oriental & Malesian species key); Wheeler, G.C. & Wheeler, J. 1976b: 53 (larvae, review & synthesis); Bolton, 1995a: 1051 (census); Bolton, 2003: 68, 242 (diagnosis, synopsis), Bakhtiar, et al. 2009: 249 (Southeast Asia species groups).

Tribe FORMICOXENINI

Formicoxenii Forel, 1893a: 164. Type-genus: *Formicoxenus* Mayr, 1855: 413.

Taxonomic history

Formicoxenini as tribe of Myrmicinae: Forel, 1893a: 164 [*Formicoxenii*]; Bolton, 1994: 105.

Junior synonyms of FORMICOXENINI

Cardiocondylini Emery, 1914a: 36 (diagnosis in key). Type-genus: *Cardiocondyla* Emery, 1869b: 20.

Taxonomic history

Cardiocondylini as tribe of Myrmicinae: Emery, 1914a: 36; Arnold, 1916: 200; Forel, 1917: 242; Emery, 1922e: 123; Wheeler, W.M. 1922a: 659; Wheeler, G.C. & Wheeler, J. 1985: 257; Dlussky & Fedoseeva, 1988: 80; Jaffe, 1993: 10.

Cardiocondylini as junior synonym of Leptothoracini: Bolton, 1982: 311 (in text).

Stereomyrmicini Emery, 1914a: 36 (diagnosis in key). Type-genus: *Stereomyrmex* Emery, 1901f: 115.

Taxonomic history

Stereomyrmicini as tribe of Myrmicinae: Emery, 1914a: 36; Forel, 1917: 242; Emery, 1922e: 119; Wheeler, W.M. 1922a: 656; Wheeler, G.C. & Wheeler, J. 1976b: 53 [Stereomyrmecini]; Wheeler, G.C. & Wheeler, J. 1985: 257 [Stereomyrmecini]; Dlussky & Fedoseeva, 1988: 80 [Stereomyrmecini].

Stereomyrmicini as junior synonym of Formicoxenini: Bolton, 1994: 105.

Leptothoracini Emery, 1914a: 38 (diagnosis in key). Type-genus: *Leptothorax* Mayr, 1855: 431.

Taxonomic history

Leptothoracini as tribe of Myrmicinae: Emery, 1914a: 38; Arnold, 1916: 257; Forel, 1917: 244; Wheeler, W.M. 1922a: 659; Emery, 1924d: 244; all subsequent authors.

Leptothoracini as junior synonym of Formicoxenini: Bolton, 1994: 105.

Ochetomyrmicini Emery, 1914a: 38 (diagnosis in key). Type-genus: *Ochetomyrmex* Mayr, 1878: 871.

Taxonomic history

Ochetomyrmicini as junior synonym of Solenopsidini: Kempf, 1975c: 358; Wheeler, G.C. & Wheeler, J. 1991a: 133.

Ochetomyrmicini as tribe of Myrmicinae: Emery, 1914a: 38; Forel, 1917: 245; Wheeler, W.M. 1922a: 657; Emery, 1924d: 292; Kusnezov, 1964: 59; Wheeler, G.C. & Wheeler, J. 1976b: 59; Wheeler, G.C. & Wheeler, J. 1985: 257; Bolton, 1987: 266; Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1995b: 14

Ochetomyrmicini as junior synonym of Formicoxenini: Bolton, 2003: 68.

Podomyrmini Emery, 1924d: 236. Type-genus: *Podomyrma* Smith, F. 1859a: 145.

Taxonomic history

Podomyrmini as subtribe of Myrmecinini: Emery, 1924d: 236.

Podomyrmini as tribe of Myrmicinae: Dlussky & Fedoseeva, 1988: 79.

Podomyrmini as junior synonym of Formicoxenini: Bolton, 1994: 105.

Solenomyrmini Donisthorpe, 1943g: 726. Type-genus: *Solenomyrma* Karavaiev, 1935a: 103 (junior synonym of *Gauromyrmex* Menozzi, 1933c: 146).

Taxonomic history

Solenomyrmini as tribe of Myrmicinae: Donisthorpe, 1943g: 726.

Solenomyrmini as junior synonym of Formicoxenini: Bolton, 2003: 68.

Formicoxenini references: Emery, 1914a: 42 (Leptothoracini, synoptic classification); Forel, 1917: 244 (synoptic classification); Emery, 1922e: 119 (Stereomyrmicini diagnosis, catalogue); Emery, 1922e: 123 (Cardiocondylini diagnosis, catalogue); Wheeler, W.M. 1922a: 664, 670 (Ochetomyrmicini, Leptothoracini genera keys); Wheeler, W.M. 1922a: 827, 885, 886, 889 (Afrotropical Cardiocondylini, Leptothoracini catalogues); Wheeler, W.M. 1922a: 1021, 1029 (Malagasy Cardiocondylini, Leptothoracini catalogues); Emery, 1924d: 236 (Podomyrmini diagnosis, catalogue); Emery, 1924d: 244 (Leptothoracini diagnosis, genera key, catalogue); Wheeler, G.C. & Wheeler, J. 1976b: 54, 57 (Cardiocondylini, Leptothoracini larvae, review & synthesis); Kugler, C. 1978a: 440 (sting structure); Buschinger, 1981: 211 (socially parasitic taxa, relationships); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Brandão, 1991: 391 (Neotropical fauna, synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 12 (catalogue); Buschinger, 1997: 1 (Western Europe, socially parasitic species, review); Fernández, 2003d: 317 (Neotropical genera); Bolton, 2003: 68, 243 (diagnosis, synopsis).

Genera of Formicoxenini: *Atopomyrmex*, **Bilobomyrma*, *Cardiocondyla*, *Chalepoxenus*, *Dilobocondyla*, **Eocenomyrma*, *Formicoxenus*, *Gauromyrmex*, *Harpagoxenus*, *Leptocephalus*, *Myrmoxenus*, *Nesomyrmex*, *Ochetomyrmex*, *Peronymrmex*, *Podomyrma*, *Poecilomyrma*, *Protomognathus*, *Romblonella*, *Rotastruma*, *Stereomyrmex*, *Temnothorax*, *Terataner*, *Vombisidris*, *Xenomyrmex*.

Genus (extant) *incertae sedis* in Formicoxenini: *Tricytarus*.

Genus (extinct) *incertae sedis* in Formicoxenini: **Stigmomyrmex*.

Genera of Formicoxenini

Genus **ATOPOMYRMEX**

Atopomyrmex André, 1889: 226. Type-species: *Atopomyrmex mocquerysi* André, 1889: 227, by monotypy.

Taxonomic history

Atopomyrmex in Myrmicinae: Dalla Torre, 1893: 60.

Atopomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

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

Atopomyrmex in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Arnold, 1916: 190; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 239 [subtribe Podomyrmini]; all subsequent authors to the following.

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

Atopomyrmex in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Atopomyrmex as genus: all authors.

Atopomyrmex catalogues: Dalla Torre, 1893: 60; Wheeler, W.M. 1922a: 885; Emery, 1924d: 239; Bolton, 1995b: 75.

Atopomyrmex references: Emery, 1912b: 102 (diagnosis); Arnold, 1916: 190 (diagnosis); Wheeler, W.M. 1922a: 180 (diagnosis); Emery, 1924d: 239 (diagnosis); Santschi, 1925h: 163 (all species key); Bolton, 1981b: 249 (diagnosis, **all species revision, key**); Bolton, 1995a: 1048 (census).

Genus ***BILOBOMYRMA**

***Bilobomyrma** Radchenko & Dlussky, 2013: 1062. Type-species: **Bilobomyrma ukrainica* Radchenko & Dlussky, 2013: 1062, by original designation.

Taxonomic history

**Bilobomyrma* in Myrmicinae, Formicoxenini: Radchenko & Dlussky, 2013: 1061 (in text).

Genus **CARDIOCONDYLA**

Cardiocondyla Emery, 1869b: 20. Type-species: *Cardiocondyla elegans* Emery, 1869b: 21, by monotypy.

Taxonomic history

Cardiocondyla in Myrmicinae: Emery, 1877a: 81 [Myrmicidae]; Emery & Forel, 1879a: 456 [Myrmicidae]; Dalla Torre, 1893: 70.

Cardiocondyla in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139; Kusnezov, 1964: 57 (anachronism).

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

Cardiocondyla in Myrmicinae, Cardiocondylini: Emery, 1914a: 40; Arnold, 1916: 200; Forel, 1917: 242; Emery, 1922e: 124; Wheeler, W.M. 1922a: 661; all subsequent authors; Dlussky & Fedoseeva, 1988: 80 (anachronism); Jaffe, 1993: 10 (anachronism).

Cardiocondyla in Myrmicinae, Leptothoracini: Bolton, 1982: 311 (in text).

Cardiocondyla in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Cardiocondyla as genus: all authors.

Junior synonyms of CARDIOCONDYLA

Emeryia Forel, 1890b: cx. Type-species: *Emeryia wroughtonii* Forel, 1890b: cxi, by monotypy.

Taxonomic history

Emeryia as junior synonym of *Cardiocondyla*: Forel, 1892h: 461; Forel, 1892i: 313; Dalla Torre, 1893: 70.

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; subsequent authors.

Xenometra as junior synonym of *Cardiocondyla*: Baroni Urbani, 1973: 199; Marikovsky & Yakushin, 1974: 60.

Dyclona Santschi, 1930b: 70 (footnote) [as subgenus of *Cardiocondyla*]. Type-species: *Monomorium cristatum* Santschi, 1912b: 163, by original designation.

Taxonomic history

Dyclona as junior synonym of *Cardiocondyla*: Brown, 1973b: 180 [provisional]; Smith, D.R. 1979: 1375; Bolton, 1982: 309.

Loncyda Santschi, 1930b: 70 [as subgenus of *Cardiocondyla*]. Type-species: *Cardiocondyla (Loncyda) monardi* Santschi, 1930b: 70, by monotypy.

Taxonomic history

Loncyda as junior synonym of *Cardiocondyla*: Brown, 1973b: 181 [provisional]; Smith, D.R. 1979: 1375; Bolton, 1982: 309.

Prosopidris Wheeler, W.M. 1935b: 40 [as subgenus of *Cardiocondyla*]. Type-species: *Cardiocondyla (Prosopidris) sima* Wheeler, W.M. 1935b: 41, by original designation.

Taxonomic history

Prosopidris in Myrmicinae, Cardiocondylini: Donisthorpe, 1943f: 688.

Prosopidris as genus: Reiskind, 1965: 80.

Prosopidris as junior synonym of *Cardiocondyla*: Brown, 1973b: 184 [provisional]; Smith, D.R. 1979: 1375; Bolton, 1982: 309.

Cardiocondyla catalogues: Emery & Forel, 1879: 456 (Europe); Dalla Torre, 1893: 70; Emery, 1922e: 124, 126 (*Cardiocondyla*, *Xenometra*); Wheeler, W.M. 1922a: 827, 1021 (Afrotropical, Malagasy); Chapman & Capco, 1951: 83 (Asia); Smith, M.R. 1951a: 807 (North America); Kempf, 1972a: 73, 259 (Neotropical *Cardiocondyla*, *Xenometra*); Smith, D.R. 1979: 1375 (North America); Bolton, 1995b: 132.

Cardiocondyla references: André, 1883a: 327 (Europe & Algeria species key); Forel, 1903a: 688 (India & Sri Lanka species key); Bingham, 1903: 287 (India, Sri Lanka & Burma species key); Ruzsky, 1905b: 623 (Russian Empire species key); Emery, 1909a: 20 (Palaearctic species key); Arnold, 1916: 200 (diagnosis); Emery, 1922e: 124, 126 (*Cardiocondyla*, *Xenometra* diagnoses); Wheeler, W.M. 1922a: 149 (diagnosis); Kuznetsov-Ugamsky, 1927d: 37 (Turkestan species key); Karavaiev, 1934: 114 (Ukraine species key); Finzi, 1936: 172 (Egypt species key); Smith, M.R. 1944a: 32 (U.S.A. species key); Creighton, 1950a: 197 (**Nearctic species key**); Bernard, 1956c: 301 (Palaearctic species key); Bernard, 1967: 156 (diagnosis, Western Europe species key); Bernard, 1967: 158 (*Xenometra* diagnosis); Alayo, 1974: 12 (Cuba species key); Tarbinsky, 1976: 71 (Kyrgyzstan species key); Arnol'di & Dlussky, 1978: 538 (former European U.S.S.R. species key); Collingwood, 1978: 86 (Iberian Peninsula species key); Bolton, 1982: 309 (diagnosis, **Afrotropical species revision, key**); Kugler, J. 1984: 17 (males, key); Collingwood, 1985: 256 (Saudi Arabia species key); Agosti & Collingwood, 1987b: 276 (Balkans species key); Dlussky, Soyunov & Zabelin, 1990: 193 (Turkmenistan species key); Morisita, Kubota, *et al.* 1992: 31 (Japan species key); Atanasov & Dlussky, 1992: 172 (Bulgaria species key); Arakelian, 1994: 42 (Armenia species key); Bolton, 1995a: 1048 (census); Radchenko, 1995b: 452 (Palaearctic species key); Mackay, 1995: 170 (New World species key); Wu, J. & Wang, 1995: 68 (China species key); Collingwood & Agosti, 1996: 326 (Saudi Arabia species key); Collingwood & Prince, 1998: 16 (Portugal species key); Terayama, 1999d: 99 (Japan species, review); Shattuck, 1999: 129 (Australia synopsis); Zhou, 2001b: 85 (China, Guangxi species key); Rigato, 2002: 172 (**Afrotropical species key**); Seifert, 2003a: 292 (*C. elegans*, *C. bulgarica*, *C. batesii*, *C. nuda*, *C. shuckardi*, *C. stambuloffii*, *C. wroughtonii*, *C. emeryi* and *C. minutior* groups; **group revisions, key**); Terayama, 2009: 179 (Taiwan species key); Sarnat & Economo, 2012: 72 (Fiji Is species key).

Genus **CHALEPOXENUS**

Chalepoxenus Menozzi, 1923a: 257. Type-species: *Chalepoxenus gribodoi* Menozzi, 1923a: 257 (junior synonym of *Leptothorax (Temnothorax) muellerianus* Finzi, 1922: 118), by monotypy. [Name of type-species initially misspelled *gridoboi*, p. 257; correct spelling as *gribodoi*, p. 258.]

Taxonomic history

Chalepoxenus in Myrmicinae, Leptothoracini: Donisthorpe, 1943f: 632; all subsequent authors to the following.

Chalepoxenus in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Chalepoxenus as junior synonym of *Leptothorax*: Brown, 1973b: 179 [provisional].

Chalepoxenus as genus: Kutter, 1973d: 269.

Junior synonym of **CHALEPOXENUS**

Leonomyrma Arnol'di, 1968: 1809. Type-species: *Leonomyrma spinosa* Arnol'di, 1968: 1809, by original designation.

Taxonomic history

Leonomyrma as junior synonym of *Leptothorax*: Brown, 1973b: 181 [provisional].

Leonomyrma as genus: Arnol'di & Dlussky, 1978: 544.

Leonomyrma as junior synonym of *Chalepoxenus*: Buschinger, 1987: 117.

Chalepoxenus catalogues: Bolton, 1995b: 145.

Chalepoxenus references: Bernard, 1967: 222 (diagnosis); Kutter, 1973d: 269 (**all species revision, key**); Buschinger, Erhardt, *et al.* 1988: 383 (*Chalepoxenus* literature review); Radchenko, 1989a: 41 (former U.S.S.R. species key); Bolton, 1995a: 1048 (census); Cagniant & Espadaler, 1997: 268 (Morocco species key).

Genus **DILOBOCONDYLA**

Dilobocondyla Santschi, 1910h: 283. Type-species: *Atopomyrmex selebensis* Emery, 1898b: 234, by subsequent designation of Wheeler, W.M. 1911f: 162.

Taxonomic history

Dilobocondyla in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 240 [subtribe Podomyrmini]; all subsequent authors to the following.

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

Dilobocondyla in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Dilobocondyla as genus: all authors.

Junior synonym of *DILOBOCONDYLA*

Mesomyrma Stitz, 1911a: 363 [as subgenus of *Podomyrma*]. Type-species: *Podomyrma (Mesomyrma) cataulacoidea* Stitz, 1911a: 364, by monotypy.

Taxonomic history

Mesomyrma as subgenus of *Podomyrma*: Stitz, 1911a: 363; Forel, 1917: 244.

Mesomyrma as junior synonym of *Dilobocondyla*: Emery, 1912b: 102; Wheeler, W.M. 1922a: 677; Emery, 1924d: 240.

***Dilobocondyla* catalogues:** Emery, 1924d: 240; Chapman & Capco, 1951: 115 (Asia); Bolton, 1995b: 171.

***Dilobocondyla* references:** Emery, 1924d: 240 (diagnosis); Wheeler, W.M. 1924b: 248 (all species key); Bolton, 1995a: 1049 (census); Shattuck, 1999: 133 (Australia synopsis); Bharti & Kumar, 2013: 42 (all species key); Zettel & Bruckner, 2013: 137 (Philippines species key).

Genus **EOCENOMYRMA*

****Eocenomyrma*** Dlussky & Radchenko, 2006b: 562. Type-species: **Eocenomyrma orthospina* Dlussky & Radchenko, 2006b: 563, by original designation.

Taxonomic history

**Eocenomyrma* in Myrmicinae, Formicoxenini: Dlussky & Radchenko, 2006b: 563.

****Eocenomyrma* references:** Dlussky & Radchenko, 2006b: 566 (all species key).

Genus *FORMICOXENUS*

Formicoxenus Mayr, 1855: 413. Type-species: *Myrmica nitidula* Nylander, 1846b: 1058, by monotypy.

Taxonomic history

Formicoxenus in Myrmicinae: Mayr, 1855: 413 [Myrmicidae]; Dalla Torre, 1893: 62.

Formicoxenus in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

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

Formicoxenus in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 264; all subsequent authors except the following.

Formicoxenus in Myrmicinae, Formicoxenini: Forel, 1893a: 165; Bolton, 1994: 105.

Formicoxenus as junior synonym of *Stenamma*: Mayr, 1863: 454; Roger, 1863b: 25; Emery & Forel, 1879a: 457.

Formicoxenus as junior synonym of *Leptothorax*: Brown, 1973b: 180 [provisional].

Formicoxenus as genus: André, 1882c: 273; all subsequent authors except the above; Francoeur, Loiselle & Buschinger, 1985: 343.

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, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 263; all subsequent authors.

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

Symmyrmica as junior synonym of *Formicoxenus*: Francoeur, Loiselle & Buschinger, 1985: 347.

***Formicoxenus* catalogues:** Dalla Torre, 1893: 62; Emery, 1924d: 263, 264 (*Symmyrmica*, *Formicoxenus*); Smith, M.R. 1951a: 822 (*Symmyrmica*); Smith, D.R. 1979: 1398 (*Symmyrmica*); Bolton, 1995b: 206.

***Formicoxenus* references:** André, 1882c: 273 (Europe & Algeria species); Emery, 1924d: 263, 264 (*Symmyrmica*, *Formicoxenus* diagnoses); Bernard, 1967: 225 (diagnosis); Francoeur, Loiselle & Buschinger, 1985: 374 (diagnosis, **all species revision, key**); Kupyanskaya, 1990: 148 (Far Eastern Russia species key); Radchenko, 1994b: 111 (South Siberia species key); Bolton, 1995a: 1049 (census); Mackay & Mackay, 2002: 91 (U.S.A., New Mexico species key).

Genus GAUROMYRMEX

Gauromyrmex Menozzi, 1933c: 146. Type-species: *Gauromyrmex bengakalisi* Menozzi, 1933c: 146, by monotypy.

Taxonomic history

Gauromyrmex in Myrmicinae, Solenopsidini: Donisthorpe, 1943f: 646; Chapman & Capco, 1951: 161.

Gauromyrmex in Myrmicinae, Formicoxenini: Bolton, 2003: 70.

Gauromyrmex as junior synonym of *Vollenhovia*: Brown, 1973b: 180 [provisional]; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105; Bolton, 1995b: 422.

Gauromyrmex as genus: Brown, 1953c: 10; Wu, J. & Wang, 1995: 86; Bolton, 2003: 269.

Junior synonyms 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 junior synonym of *Gauromyrmex*: Brown, 1953c: 10.

Acalama Smith, M.R. 1949a: 206. Type-species: *Acalama donisthorpei* Smith, M.R. 1949a: 207 (junior synonym of *Solenomyrma acanthina* Karavaiev, 1935a: 103), by original designation.

Taxonomic history

Acalama incertae sedis in Myrmicinae: Smith, M.R. 1949a: 206.

Acalama as junior synonym of *Gauromyrmex*: Brown, 1953c: 10.

Gauromyrmex catalogues: Chapman & Capco, 1951: 161 (Asia *Solenomyrma*, *Gauromyrmex*).

Gauromyrmex references: Bolton, 2003: 269 (diagnosis).

Genus HARPAGOXENUS

Harpagoxenus Forel, 1893a: 167.

Taxonomic history

[Replacement name for *Tomognathus* Mayr, 1861: 56; junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]

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

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

Harpagoxenus in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 265; all subsequent authors to the following.

Harpagoxenus in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Harpagoxenus as genus: all authors since Emery, 1924d: 265.

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 Myrmicinae: Mayr, 1861: 56 [Myrmicidae]; Mayr, 1865: 23 [Myrmicidae]; Emery & Forel, 1879a: 457 [Myrmicidae]; Dalla Torre, 1893: 64.

Tomognathus in Myrmicinae, Formicoxenini: Forel, 1893a: 165.

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

Tomognathus in Myrmicinae, Myrmicini: Emery, 1895j: 769.

***Harpagoxenus* catalogues:** Mayr, 1863: 457; Emery & Forel, 1879a: 457 (Europe); Dalla Torre, 1893: 63; Emery, 1924d: 265; Smith, M.R. 1951a: 822 (North America); Smith, D.R. 1979: 1398 (North America); Bolton, 1995b: 211.

***Harpagoxenus* references:** Mayr, 1865: 23 (diagnosis); André, 1882c: 279 (Europe & Algeria species); Emery, 1924d: 265 (diagnosis); Creighton, 1950a: 284 (**Nearctic species key**); Bernard, 1967: 223 (diagnosis); Radchenko, 1994b: 112 (South Siberia species key); Bolton, 1995a: 1049 (census); Xu, 2012a: 21 (all species key).

Genus LEPTOTHORAX

Leptothorax Mayr, 1855: 431. Type-species: *Formica acervorum* Fabricius, 1793: 358, by subsequent designation of Bingham, 1903: 214.

Taxonomic history

[Type-species not *Myrmica clypeata* Mayr, 1853c: 282, unjustified subsequent designation by Emery, 1912d: 271; repeated in Wheeler, W.M. 1913a: 79 and Emery, 1924d: 248.]

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

Leptothorax in Myrmicinae: Mayr, 1855: 431 [Myrmicidae]; Mayr, 1861: 57 [Myrmicidae]; Mayr, 1865: 20 [Myrmicidae]; Emery & Forel, 1879a: 458 [Myrmicidae]; Dalla Torre, 1893: 122.

Leptothorax in Myrmicinae, Myrmicini: Forel, 1895b: 125; Emery, 1895j: 769; Forel, 1899c: 54; Wheeler, W.M. 1910g: 139; Wheeler, W.M. 1915h: 63; Kusnezov, 1964: 57 (anachronism).

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

Leptothorax in Myrmicinae, Leptocephalacini: Emery, 1914a: 42; Arnold, 1916: 257; Forel, 1917: 244; Wheeler, W.M. 1922a: 664; Emery, 1924d: 247; subsequent authors to the following.

Leptocephalus in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Mackay, 2000: 267.

Leptocephalus as genus: all authors.

Junior synonyms of *LEPTOCEPHALUS*

Mycocephalus Ruzsky, 1904a: 288. Type-species: *Formica acervorum* Fabricius, 1793: 358, by original designation.

Taxonomic history

Mycocephalus as subgenus of *Leptocephalus*: Ruzsky, 1905b: 157; Emery, 1915g: 24; Emery, 1916b: 176; Forel, 1917: 245; Wheeler, W.M. 1922a: 679; Emery, 1924d: 260; Creighton, 1950a: 274.

Mycocephalus as junior synonym of *Leptocephalus*: Smith, M.R. 1950: 29; Brown, 1973b: 182 [provisional]; Bolton, 1982: 319. [*Leptocephalus* and *Mycocephalus* share the same type-species, synonymy is therefore absolute.]

Doronomyrmex Kutter, 1945: 485. Type-species: *Doronomyrmex pacis* Kutter, 1945: 486, by monotypy.

Taxonomic history

Doronomyrmex in Myrmicinae, Leptocephalacini: Dlussky & Fedoseeva, 1988: 79.

Doronomyrmex in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Doronomyrmex as junior synonym of *Leptocephalus*: Brown, 1973b: 180 [provisional]; Heinze, 1998: 195; Bolton, 2003: 270.

***Leptocephalus* catalogues:** Roger, 1863b: 26, 28, 30 (*Leptocephalus*, *Macromischa*, *Temnocephalus*); Mayr, 1863: 426, 428, 456 (*Leptocephalus*, *Macromischa*, *Temnocephalus*); Emery & Forel, 1879: 458, 459 (Europe *Leptocephalus*, *Temnocephalus*); Cresson, 1887: 261 (U.S.A.); Dalla Torre, 1893: 120, 122 (*Macromischa*, *Leptocephalus*); Wheeler, W.M. 1922a: 890, 908 (Afrotropical *L.* (*Goniocephalus*), *Tetramyrmia*); Wheeler, W.M. 1922a: 1029 (Malagasy *L.* (*Goniocephalus*)); Emery, 1924d: 245, 247, 249, 251, 259, 260, 260 (*Macromischa*, *Leptocephalus*, *L.* (*Goniocephalus*), *L.* (*Leptocephalus*), *L.* (*Temnocephalus*), *L.* (*Dichothorax*), *L.* (*Mycocephalus*)); Emery, 1924d: 291 (*Tetramyrmia*); Wheeler, W.M. 1931b: 31 (*Macromischa*, *Croesomyrmex*, *Antillaeomyrmex*); Chapman & Capco, 1951: 110 (Asia *Leptocephalus*); Smith, M.R. 1951a: 816, 816, 817, 820, 820 (North America *Macromischa*, *Leptocephalus* (*Nesomyrmex*), *L.* (*Myrafant*), *L.* (*Dichothorax*), *L.* (*Leptocephalus*)); Smith, D.R. 1979: 1390, 1391, 1391, 1395, 1396 (North America *Macromischa*, *Leptocephalus* (*Nesomyrmex*), *L.* (*Myrafant*), *L.* (*Dichothorax*), *L.* (*Leptocephalus*)); Kempf, 1972a: 132, 135 (Neotropical *Leptocephalus* (*Nesomyrmex*), *Macromischa*); Brandão, 1991: 349 (Neotropical); Bolton, 1995b: 235 (*Leptocephalus* *sensu lato*); Bolton, 2003: 270 (*Leptocephalus* species list).

Leptothorax references: Mayr, 1855: 433 (Austria *Leptothorax* species key); Mayr, 1861: 58 (Europe *Leptothorax* species key); Mayr, 1865: 19, 20, 21 (*Macromischa*, *Leptothorax*, *Temnothorax* diagnoses); Mayr, 1868c: 83 (*Baltic Amber *Macromischa* species key); André, 1874: 188 (Europe *Leptothorax* species key); Forel, 1874: 82, 83 (Switzerland *Temnothorax*, *Leptothorax* species key); André, 1883a: 293 (Europe & Algeria *Leptothorax* species key); Mayr, 1886d: 451 (U.S.A. *Leptothorax* species key); Nasonov, 1889: 70 (Russia species key); Emery, 1891b: 5 (North Africa species key); Emery, 1895c: 317 (North America species key); Emery, 1896g: 58 (Neotropical *Leptothorax*, *L.* (*Goniothorax*) species key); Bingham, 1903: 215 (India, Sri Lanka & Burma *Leptothorax* species key); Wheeler, W.M. 1903c: 223 (North America species key); Ruzsky, 1905b: 570 (Russian Empire species key); Wasmann, 1906: 16 (Luxemburg species key); Wheeler, W.M. 1908a: 141 (*Macromischa* species key); Santschi, 1909b: 460 (*L. rottebergi* group key); Bondroit, 1910: 496 (Belgium species key); Stitz, 1914: 60 (Central Europe species key); Crawley, 1914: 91 (Britain species key); Donisthorpe, 1915d: 147 (Britain species key); Emery, 1916b: 176 (Italy species key); Wheeler, W.M. 1916m: 581 (U.S.A., Connecticut species key); Arnold, 1916: 257 (*Leptothorax* diagnosis, South Africa species key); Arnold, 1917: 358 (*Tetramyrmia* diagnosis); Bondroit, 1918: 117 (France & Belgium species key); Mann, 1920: 408 (*Macromischa* species key); Wheeler, W.M. 1922a: 677, 679 (*Macromischa*, *Leptothorax* subgenera keys); Emery, 1924d: 245 (*Macromischa*); Emery, 1924d: 247 (*Leptothorax* diagnosis, subgenera key); Emery, 1924d: 249 (*L. (Goniothorax)* diagnosis); Emery, 1924d: 251 (*L. (Leptothorax)* diagnosis); Emery, 1924d: 259 (*L. (Temnothorax)* diagnosis); Emery, 1924d: 260 (*L. (Dichothorax)*, *L. (Mychothorax)* diagnoses); Karavaiev, 1927c: 266 (Ukraine species key); Donisthorpe, 1927b: 163 (Britain species key); Kuznetsov-Ugamsky, 1927d: 38 (Turkestan species key); Arnol'di, 1933b: 598 (Russia species key); Menozzi, 1933b: 68 (Israel species key); Karavaiev, 1934: 134 (Ukraine species key); Wheeler, W.M. 1937b: 463 (*Macromischa* checklist); Menozzi, 1939a: 307 (Himalaya & Tibet species key); Stitz, 1939: 158 (Germany species key); Smith, M.R. 1939e: 503 (U.S.A. *Macromischa* species key); Kratochvíl, 1941: 89 (Central Europe species key); Novák & Sadil, 1941: 89 (Central Europe species key); Cole, 1942: 369 (U.S.A., Utah species key); Holgersen, 1943b: 172 (Norway species key); Holgersen, 1944: 198 (Norway species key); Kratochvíl, Novák & Šnoflák, 1944: 123 (Czechoslovakia males, key); Buren, 1944a: 286 (U.S.A., Iowa species key); Boven, 1947: 178 (Belgium species key); Creighton, 1950a: 251, 256 (*Macromischa Nearctic species key*: 251; *Leptothorax (Goniothorax)*, *L. (Dichothorax)*, *L. (Leptothorax)*, *L. (Mychothorax)* *Nearctic species key*: 256); Smith, M.R. 1952b: 97 (U.S.A. *L. tricarinatus* complex, key); Bernard, 1956a: 151 (Western Europe species groups); Kusnezov, 1958c: 266 (subgenera key); Kempf, 1959c: 394 (*Leptothorax (Nesomyrmex) Neotropical species revision, key*); Boven, 1959: 8 (Netherlands species key); Gregg, 1963: 380 (U.S.A., Colorado species key); Wheeler, G.C. & Wheeler, J. 1963: 139 (U.S.A., North Dakota species key); Collingwood, 1964: 99 (Britain species key); Bernard, 1967: 185 (diagnosis, Western Europe species key); Bernard, 1967: 187 (diagnosis, Western Europe species key); Bernard, 1967: 224 (*Doronomyrmex* diagnosis); Boven, 1970b: 20 (Netherlands species key); Arnol'di, 1971: 1824 (Kazakhstan species key); Alayo, 1974: 15 (*Macromischa* Cuba species key); Kempf, 1975c: 367 (additions to 1959c key); Bolton & Collingwood, 1975: 5 (Britain species key); Tarbinsky, 1976: 83 (Kyrgyzstan species key); Boven, 1977: 94 (Belgium species key); Kutter, 1977c: 103 (Switzerland species key); Arnol'di & Dlussky, 1978: 540 (former European U.S.S.R. species key); Collingwood, 1978: 83 (Iberian Peninsula species key); Collingwood, 1979: 68 (Fennoscandia & Denmark species key); Baroni Urbani, 1978b: 533 (*L. (Macromischa) all species revision, key*); Buschinger, 1981: 211 (*Doronomyrmex* review); Allred, 1982: 440 (U.S.A., Utah species key); Bolton, 1982: 319 (*Leptothorax* diagnosis, *Afrotropical species key*); Gösswald, 1985: 303 (Germany species key); Wheeler, G.C. & Wheeler, J. 1986g: 51 (U.S.A., Nevada species key); Nilsson & Douwes, 1987: 60 (Norway species key); Agosti & Collingwood, 1987b: 273 (Balkans species key); Dlussky & Soyunov, 1988: 29 (former U.S.S.R. *Temnothorax* species); Hölldobler & Wilson, 1990: 13 (synoptic classification); Dlussky, Soyunov & Zabelin, 1990: 184, 188 (Turkmenistan

species key); Kupyanskaya, 1990: 136 (Far Eastern Russia species key); Morisita, Kubota, *et al.* 1992: 26 (Japan species key); Atanasov & Dlussky, 1992: 129 (Bulgaria species key); Arakelian, 1994: 52 (Armenia species key); Radchenko, 1994b: 111 (South Siberia species key); Radchenko, 1994d: 146 (Central & Eastern Palaearctic species key); Bolton, 1995a: 1050 (census); Douwes, 1995: 89 (Sweden species key); Kupyanskaya, 1995: 347 (Far Eastern Russia species key); Wu, J. & Wang, 1995: 108 (China species key); Collingwood & Agosti, 1996: 325 (Saudi Arabia species key); Seifert, 1996b: 13 (Central Europe *Doronomyrmex* species key); Seifert, 1996b: 119 (Central Europe species key); Skinner & Allen, 1996: 45 (Britain species key); Cagniant & Espadaler, 1997: 260 (Morocco species key); Collingwood & Prince, 1998: 16 (Portugal species key); Terayama & Onoyama, 1999: 73 (Japan species key); Mackay, 2000: 265, 288, 297 (*L. (Myrafant) New World species revision, key*; Mexico & Guatemala species key, species complexes key); Fontenla Rizo, 2001: 15 (Cuba *Macromischa* species key); Chang & He, 2001b: 1 (northwest China species key); Czechowski, Radchenko & Czechowska, 2002: 143 (Poland species key); Mackay & Mackay, 2002: 93 (U.S.A., New Mexico species key); Bolton, 2003: 270 (*Leptothorax genus diagnosis, component species*); Lyu & Cho, 2003b: 269 (Korea species key); Radchenko, 2004: 131 (Eastern Palaearctic species, key); Deyrup & Cover, 2004a: 56 (southeast U.S.A. species key); Radchenko, 2005b: 192 (North Korea species key); Seifert, 2007: 118 (North and Central Europe species key); Czechowski, Radchenko, *et al.* 2012: 366 (Poland species key).

Genus **MYRMOXENUS**

Myrmoxenus Ruzsky, 1902b: 474. Type-species: *Myrmoxenus gordiagini* Ruzsky, 1902b: 475, by monotypy.

Taxonomic history

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

Myrmoxenus in Myrmicinae, Leptothoracini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 262; all subsequent authors to the following.

Myrmoxenus in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Myrmoxenus as junior synonym of *Epimyrma*: Buschinger, 1990: 245 (provisional synonym); Bolton, 1994: 105 [incorrect, *Myrmoxenus* has priority; see below.]

Junior synonyms of **MYRMOXENUS**

Epimyrma Emery, 1915a: 262. Type-species: *Epimyrma kraussei* Emery, 1915a: 262, by original designation.

Taxonomic history

Epimyrma in Myrmicinae, Leptothoracini: Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 263; all subsequent authors to the following.

Epimyrma in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Epimyrma as junior synonym of *Leptothorax*: Brown, 1973b: 180 [provisional].

Epimyrma as junior synonym of *Myrmoxenus*: Schulz & Sanetra, 2002: 162.

Myrmetaerus Soudek, 1925a: 33. Type-species: *Myrmetaerus microcellatus* Soudek, 1925a: 33 (junior synonym of *Myrmoxenus gordiagini* Ruzsky, 1902b: 475), by monotypy.

Taxonomic history

[*Myrmetaerus* also described as new by Soudek, 1925b: 14.]

Myrmetaerus in Myrmicinae, Leptothoracini: Donisthorpe, 1943f: 667.

Myrmetaerus as junior synonym of *Leptothorax*: Brown, 1973b: 182 [provisional].

Myrmetaerus as junior synonym of *Camponotus*: Snelling, R.R. 1981: 404 (error).

Myrmetaerus as junior synonym of *Myrmoxenus*: Buschinger, Winter & Faber, 1984: 336.

Subgenera of MYRMOXENUS include the nominal plus the following.

Subgenus **MYRMOXENUS (GONEPIMYRMA)**

Gonepimyrma Bernard, 1948: 146 [as subgenus of *Epimyrma*]. Type-species: *Epimyrma (Gonepimyrma) africana* Bernard, 1948: 148, by monotypy.

Taxonomic history

Gonepimyrma junior synonym of *Epimyrma*: Brown, 1973b: 181 [provisional].

Myrmoxenus catalogues: Emery, 1924d: 262, 263 (*Myrmoxenus*, *Epimyma*); Bolton, 1995b: 188 (catalogue); Bolton, 1995b: 188 (*Epimyrma*).

Myrmoxenus references: Emery, 1916b: 189 (Italy species key); Bondroit, 1918: 139 (France & Belgium species key); Emery, 1924d: 262, 263 (*Myrmoxenus*, *Epimyma* diagnoses); Menozzi, 1931c: 36 (diagnosis, all species key); Bernard, 1967: 216 (diagnosis, Western Europe species key); Kutter, 1973e: 281 (species, notes); Kutter, 1977c: 138 (Switzerland species key); Buschinger, Fischer, *et al.* 1987: 253 (partial revision); Agosti & Collingwood, 1987b: 276 (Balkans species key); Buschinger, 1989: 265 (evolution, speciation); Bolton, 1995a: 1049 (census); Seifert, 1996b: 118 (Central Europe species key); Cagniant & Espadaler, 1997: 268 (Morocco species key); Seifert, 2007: 117 (North and Central Europe species key).

Genus **NESOMYRMEX**

Nesomyrmex Wheeler, W.M. 1910a: 259. Type-species: *Nesomyrmex clavipilis* Wheeler, W.M. 1910a: 259, by monotypy.

Taxonomic history

[*Nesomyrmex* is the oldest junior synonym of *Goniothorax* Emery (a junior homonym, see below) and hence is the first available replacement name for *Goniothorax* Emery: Smith, M.R. 1950: 30.]

Nesomyrmex in Myrmicinae, Leptocephalini: Forel, 1917: 244; subsequent authors to the following.

Nesomyrmex in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Nesomyrmex as subgenus of *Leptocephalus*: Emery, 1915g: 24; Forel, 1917: 244; Wheeler, W.M. 1922a: 679; Smith, M.R. 1950: 30; Smith, M.R. 1951a: 816; Kempf, 1959c: 393; Brown, 1971a: 4; Kempf, 1972a: 133; Smith, D.R. 1979: 1391; Mackay, 2000: 272 (in key).

Nesomyrmex as junior synonym of *Goniothorax*: Emery, 1924d: 249; Donisthorpe, 1943f: 674.
[*Goniothorax* is a junior homonym and hence *Nesomyrmex* takes priority as first available replacement name.]

Nesomyrmex as junior synonym of *Leptocephalus*: Brown, 1973b: 183 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105; Bolton, 1995b: 39.

Nesomyrmex as genus: Wheeler, W.M. 1910a: 259; Francoeur & Loiselle, 1988b: 43 (possibly valid); Hölldobler & Wilson, 1990: 14 [junior synonyms of *Nesomyrmex* left behind under *Leptocephalus*]; Jaffe, 1993: 11; Bolton, 2003: 70.

Junior homonym replaced by *NESOMYRMEX*

Goniothorax Emery, 1896g: 58 (diagnosis in key) [as subgenus of *Leptocephalus*]. Type-species: *Leptocephalus vicinus* Mayr, 1887: 620, by subsequent designation of Wheeler, W.M. 1911f: 164.

Taxonomic history

[Junior homonym of *Goniothorax* Milne-Edwards, 1879: 103 (Crustacea).]

Goniothorax in Myrmicinae, Leptocephalini: Forel, 1917: 244.

Goniothorax as subgenus of *Leptocephalus*: Ruzsky, 1905b: 158; Wheeler, W.M. 1910g: 139; Forel, 1917: 244; Wheeler, W.M. 1922a: 679, 890, 1029; Emery, 1924d: 249; Creighton, 1950a: 259.

[*Goniomyrmex*: incorrect subsequent spelling by Ashmead, 1905b: 383.]

Junior synonyms 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 (anachronism); Dlussky & Fedoseeva, 1988: 80 (anachronism).

Tetramyrma incertae sedis in Myrmicinae: Bolton, 1976: 291.

Tetramyrma as subgenus of *Dilobocondyla*: Forel, 1912m: 766.

Tetramyrma as genus: Forel, 1913a: 122; Arnold, 1917: 358; Wheeler, W.M. 1922a: 664; Emery, 1924d: 291; Donisthorpe, 1943g: 732; Bolton, 1976: 291.

Tetramyrma as junior synonym of *Leptothorax*: Bolton, 1982: 319; Bolton, 1994: 105.

Tetramyrma as junior synonym of *Nesomyrmex*: Bolton, 2003: 249, 272.

Caulomyrma Forel, 1914d: 233 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax echinatinodis* Forel, 1886b: xlviii, by original designation.

Taxonomic history

Caulomyrma as junior synonym of *Nesomyrmex*: Forel, 1915c: 364 [provisional]; Emery, 1915g: 24; Wheeler, W.M. 1922a: 679.

Caulomyrma as subgenus of *Leptothorax*: Forel, 1914d: 233; Forel, 1917: 244.

Caulomyrma as junior synonym of *Goniothorax*: Emery, 1924d: 249. [Incorrect procedure as *Goniothorax* is a junior homonym for which *Nesomyrmex* is the first available replacement name: Smith, M.R. 1950: 30).]

Caulomyrma as junior synonym of *Leptothorax*: Brown, 1973b: 182 [provisional].

Limnomyrmex Arnold, 1948: 222. Type-species: *Limnomyrmex stramineus* Arnold, 1948: 223, by original designation.

Taxonomic history

Limnomyrmex as junior synonym of *Nesomyrmex*: Brown, 1971a: 4.

Ireneopone Donisthorpe, 1946d: 242. Type-species: *Ireneopone gibber* Donisthorpe, 1946d: 242, by original designation.

Taxonomic history

Ireneopone in Myrmicinae, Tetramoriini: Donisthorpe, 1946d: 243; Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism).

Ireneopone incertae sedis in Myrmicinae: Bolton, 1976: 292; Dlussky & Fedoseeva, 1988: 81.

Ireneopone in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995a: 1050; Bolton, 1995b: 217.

Ireneopone as junior synonym of *Nesomyrmex*: Bolton, 2003: 250, 272.

Meia Pagliano & Scaramozzino, 1990: 5.

Taxonomic history

[Unnecessary replacement name for *Goniothorax* Emery, 1896g: 58 (junior homonym of *Goniothorax* Milne-Edwards, 1879: 103). *Nesomyrmex* is the first available replacement name for *Goniothorax* Emery, therefore *Meia* is automatically a junior synonym of *Nesomyrmex*: Bolton, 1994: 105.]

***Nesomyrmex* references:** [For references prior to 2003 see under *Leptocephalus*.] Bolton, 2003: 272 (*Nesomyrmex* genus diagnosis, component species); Mbanya & Robertson, 2008: 36 (southern Africa species revision, key).

Genus ***OCHETOMYRMEX***

Ochetomyrmex Mayr, 1878: 871. Type-species: *Ochetomyrmex semipolitus* Mayr, 1878: 872, by monotypy.

Taxonomic history

Ochetomyrmex in Myrmicinae: Dalla Torre, 1893: 135.

Ochetomyrmex in Myrmicinae, Myrmicini: Forel, 1895b: 126.

Ochetomyrmex in Myrmicinae, Attini: Emery, 1895j: 770.

Ochetomyrmex in Myrmicinae, Tetramoriini: Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 141.

Ochetomyrmex in Myrmicinae, Solenopsidini: Kempf, 1975c: 358; Wheeler, G.C. & Wheeler, J. 1991a: 133; Jaffe, 1993: 10.

Ochetomyrmex in Myrmicinae, Ochetomyrmecini: Emery, 1914a: 42; Forel, 1917: 245; Wheeler, W.M. 1922a: 664; Emery, 1924d: 293; Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106.

Ochetomyrmex in Myrmicinae, Formicoxenini: Bolton, 2003: 70.

Ochetomyrmex as genus: all authors.

Junior synonym of ***OCHETOMYRMEX***

Brownidris Kusnezov, 1956: 25 (diagnosis in key). Type-species: *Brownidris argentinus* Kusnezov, 1957a: 276 (junior synonym of *Ochetomyrmex semipolitus* Mayr, 1878: 872), by original designation.

Taxonomic history

[*Brownidris* also described as new by Kusnezov, 1957a: 275.]

Brownidris in Myrmicinae, Solenopsidini: Kusnezov, 1957a: 275; Kusnezov, 1962b: 159; Kempf, 1972a: 41.

Brownidris in Myrmicinae, *Megalomyrmex* genus group: Ettershank, 1966: 81.

Brownidris in Myrmicinae, Megalomyrmecini: Dlussky & Fedoseeva, 1988: 80.

Brownidris as genus: Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 80 (anachronism).

Brownidris as junior synonym of *Ochetomyrmex*: Kempf, 1975c: 355; Bolton, 1994: 106.

***Ochetomyrmex* catalogues:** Dalla Torre, 1893: 135 (catalogue); Emery, 1924d: 293; Ettershank, 1966: 109 (*Brownidris*); Kempf, 1972a: 41, 168 (*Brownidris*, *Ochetomyrmex*); Bolton, 1995b: 293.

***Ochetomyrmex* references:** Emery, 1924d: 293 (diagnosis); Kusnezov, 1962b: 157 (*Brownidris* species key); Ettershank, 1966: 109 (*Brownidris* diagnosis, review of genus); Kempf, 1975c: 355 (*Ochetomyrmex* review of genus); Bolton, 1987: 266 (notes); Bolton, 1995a: 1051 (census); Fernández, 2003c: 638 (all species revision, key).

Genus **PERONOMYRMEX**

Peronomymex Viehmeyer, 1922: 212. Type-species: *Peronomymex overbecki* Viehmeyer, 1922: 213, by monotypy.

Taxonomic history

Peronomymex in Myrmicinae, Dacetini: Donisthorpe, 1943f: 682; Brown, 1948e: 102.

Peronomymex in Myrmicinae, Meranoplini: Brown, 1949f: 84.

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

Peronomymex in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Peronomymex as genus: all authors.

***Peronomymex* catalogues:** Taylor & Brown, D.R. 1985: 74; Taylor, 1987a: 53; Bolton, 1995b: 316.

***Peronomymex* references:** Taylor, 1970b: 209 (review of genus); Shattuck, 1999: 151 (synopsis); Shattuck, 2006: 50 (all species, key).

Genus **PODOMYRMA**

Podomyrma Smith, F. 1859a: 145. Type-species: *Podomyrma femorata* Smith, F. 1859a: 145, by subsequent designation of Wheeler, W.M. 1911f: 170.

Taxonomic history

Podomyrma in Myrmicidae: Smith, F. 1871a: 327.

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

Podomyrma in Myrmicinae: Mayr, 1865: 24 [Myrmicidae]; Dalla Torre, 1893: 59.

Podomyrma in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

Podomyrma in Myrmicinae, Myrmecinini: Ashmead, 1905b: 383; Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 236 [subtribe Podomyrmini]; all subsequent authors to the following.

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

Podomyrma in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Podomyrma as genus: all authors.

Junior synonyms of PODOMYRMA

**Acrostigma* Emery, 1891a: 149 [as subgenus of *Podomyrma*]. Type-species: **Podomyrma (Acrostigma) mayri* Emery, 1891a: 150, by monotypy.

Taxonomic history

**Acrostigma* as subgenus of *Podomyrma*: Dalla Torre, 1893: 59.

Dacryon Forel, 1895f: 421. Type-species: *Dacryon omniparens* Forel, 1895f: 421, by monotypy.

Taxonomic history

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

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

Dacryon in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 235; Donisthorpe, 1943f: 637.

Dacryon as junior synonym of *Podomyrma*: Brown, 1973b: 179 [provisional]; Taylor & Brown, D.R. 1985: 80; Taylor, 1987a: 57; Bolton, 1994: 105; Bolton, 1995b: 26; Shattuck, 1999: 157.

Pseudopodomyrma Crawley, 1925a: 40. Type-species: *Pseudopodomyrma clarki* Crawley, 1925a: 40, by monotypy.

Taxonomic history

Pseudopodomyrma in Myrmicinae, Myrmecinini: Donisthorpe, 1943g: 722.

Pseudopodomyrma as junior synonym of *Podomyrma*: Brown, 1973b: 184 [provisional]; Taylor & Brown, D.R. 1985: 80.

Podomyrma catalogues: Roger, 1863b: 27; Mayr, 1863: 443; Dalla Torre, 1893: 59; Emery, 1924d: 235, 236 (*Dacryon*, *Podomyrma*); Chapman & Capco, 1951: 119 (Asia); Taylor & Brown, D.R. 1985: 80 (Australia); Taylor, 1987a: 57 (Australia); Bolton, 1995b: 338.

***Podomyrma* references:** Mayr, 1865: 24 (diagnosis); Mayr, 1867a: 107 (diagnosis); Mayr, 1876: 109 (Australia species key); Viehmeyer, 1914c: 521 (Papua species key); Emery, 1924d: 235, 236 (*Dacryon, Podomyrma* diagnoses); Bolton, 1995a: 1052 (census); Taylor, 1999: 173 (Australia species nomenclature); Shattuck, 1999: 157 (Australia synopsis); Heterick, 2009: 173 (south-western Australia species key).

Genus **POECILOMYRMA**

Poecilomyrma Mann, 1921: 445. Type-species: *Poecilomyrma senirewae* Mann, 1921: 446, by original designation.

Taxonomic history

Poecilomyrma in Myrmicinae, Myrmecinini: Donisthorpe, 1943f: 684.

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

Poecilomyrma in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 339.

Poecilomyrma as subgenus of *Leptothorax*: Wheeler, W.M. 1922a: 679 (footnote).

Poecilomyrma as genus: Mann, 1921: 445, Bolton, 1994: 89.

***Poecilomyrma* references:** Sarnat & Economo, 2012: 111 (all species key).

Genus **PROTOMOGNATHUS**

Protomognathus Wheeler, W.M. 1905a: 3 [as subgenus of *Tomognathus*]. Type-species: *Tomognathus americanus* Emery, 1895c: 272, by monotypy.

Taxonomic history

Protomognathus in Myrmicinae, Leptocephalini: Donisthorpe, 1943f: 688.

Protomognathus in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Protomognathus as junior synonym of *Harpagoxenus*: Emery, 1924d: 265; all subsequent authors to the following.

Protomognathus as genus: Cover, in Hölldobler & Wilson, 1990: 65; Bolton, 1995b: 369.

Genus **ROMBLONELLA**

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); all subsequent authors to the following.

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

Romblonella in Myrmicinae, Meranoplini: Dlussky & Fedoseeva, 1988: 80; Hölldobler & Wilson, 1990: 16.

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

Romblonella in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

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, 1991da: 283 (review of genus, partial key); Bolton, 1995a: 1052 (census); Shattuck, 1999: 164 (Australia synopsis).

Genus **ROTASTRUMA**

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

Taxonomic history

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

Rotastruma in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995a: 1052.

Rotastruma as genus: all authors.

***Rotastruma* catalogues:** Bolton, 1995b: 382.

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

Genus **STEREOMYRMEX**

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; all subsequent authors to the following.

Stereomyrmex in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Stereomyrmex as genus: all authors.

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, 1991da: 294.

Willowsiella in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Willowsiella as junior synonym of *Stereomyrmex*: 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, 1991da: 294 (*Willowsiella* discussion); Bolton, 1995a: 1053 (census); Shattuck, 1999: 173 (Australia synopsis); Bolton, 2003: 273 (diagnosis).

Genus TEMNOTHORAX

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]; Emery & Forel, 1879a: 459 [Myrmicidae]; Dalla Torre, 1893: 122.

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

Temnothorax in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

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 *Leptothorax*: Forel, 1890a: lxxii; Baroni Urbani, 1971c: 96; Brown, 1973b: 185 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105.

Temnothorax as genus: Bernard, 1967: 185; Arnol'di & Dlussky, 1978: 543; Dlussky & Fedoseeva, 1988: 79; Atanasov & Dlussky, 1992: 125; Bolton, 2003: 270.

Junior synonyms of *TEMNOTHORAX*

Macromischa Roger, 1863a: 184. Type-species: *Macromischa purpurata* Roger, 1863a: 184, by subsequent designation of Wheeler, W.M. 1911f: 166.

Taxonomic history

Macromischa in Myrmicinae: Mayr, 1865: 19 [Myrmicidae]; Dalla Torre, 1893: 120.

Macromischa in Myrmicinae, Myrmicini: Emery, 1895j: 769; Forel, 1899c: 56; Wheeler, W.M. 1910g: 139.

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

Macromischa in Myrmicinae, Leptocephalacini: Emery, 1914a: 42; Forel, 1917: 244; Wheeler, W.M. 1922a: 664; Emery, 1924d: 245; all subsequent authors.

Macromischa as genus: Roger, 1863a: 184; Mayr, 1865: 19; Dalla Torre, 1893: 120; Emery, 1895j: 769; Emery, 1914a: 42; Wheeler, W.M. 1922a: 664; Emery, 1924d: 245; subsequent authors except the entries below; Kempf, 1972a: 135; Smith, D.R. 1979: 1390; Wheeler, G.C. & Wheeler, J. 1985: 257; Hölldobler & Wilson, 1990: 14.

Macromischa as subgenus of *Leptothorax*: Baroni Urbani, 1978b: 398; Mackay, 2000: 288 (in key).

Macromischa as junior synonym of *Leptothorax*: Brown, 1973b: 181 [provisional]; Snelling, R.R. 1986: 154; Bolton, 1994: 105; Bolton, 1995b: 34.

Macromischa as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Dichothorax Emery, 1895c: 323 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax (Dichothorax) pergandei* Emery, 1895c: 323, by subsequent designation of Wheeler, W.M. 1911f: 161.

Taxonomic history

Dichothorax as genus: Ashmead, 1905b: 383.

Dichothorax as subgenus of *Leptothorax*: Emery, 1895c: 323; Ruzsky, 1905b: 158; Wheeler, W.M. 1910g: 139; Forel, 1917: 245; Wheeler, W.M. 1922a: 679; Emery, 1924d: 260; Donisthorpe, 1943f: 638; Creighton, 1950a: 259; Smith, D.R. 1979: 1395; Mackay, 2000: 272 (in key).

Dichothonax as junior synonym of *Leptothorax*: Brown, 1973b: 180 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105.

Dichothonax as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Antillaemyrmex Mann, 1920: 408 [as subgenus of *Macromischa*]. Type-species: *Macromischa (Antillaemyrmex) terricola* Mann, 1920: 423, by original designation.

Taxonomic history

Antillaemyrmex as genus: Wheeler, W.M. 1931b: 4 (in text), 32.

Antillaemyrmex as junior synonym of *Macromischa*: Smith, M.R. 1937: 849; Smith, M.R. 1939e: 502; Baroni Urbani, 1978b: 398; Bolton, 1994: 105.

Antillaemyrmex as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Croesomyrmex Mann, 1920: 408 [as subgenus of *Macromischa*]. Type-species: *Macromischa (Croesomyrmex) wheeleri* Mann, 1920: 422, by original designation.

Taxonomic history

Croesomyrmex as genus: Wheeler, W.M. 1931b: 4 (in text), 32.

Croesomyrmex as junior synonym of *Macromischa*: Smith, M.R. 1937: 849; Smith, M.R. 1939e: 502; Baroni Urbani, 1978b: 398; Bolton, 1994: 105.

Croesomyrmex as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Myrmammophilus Menozzi, 1925d: 29 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax (Myrmammophilus) finzii* Menozzi, 1925d: 29, by monotypy.

Taxonomic history

Myrmammophilus in Myrmicinae, Leptothoracini: Donisthorpe, 1943f: 665.

Myrmammophilus as junior synonym of *Leptothorax*: Brown, 1973b: 182 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105.

Myrmammophilus as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Myrafant Smith, M.R. 1950: 30 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax curvispinosus* Mayr, 1866a: 508, by original designation.

Taxonomic history

Myrafant as subgenus of *Leptothorax*: Smith, M.R. 1951a: 817; Smith, D.R. 1979: 1391; Mackay, 2000: 270.

Myrafant as junior synonym of *Leptothorax*: Brown, 1973b: 182 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105.

Myrafant as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Icothorax Hamann & Klemm, 1967: 415 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax (Icothorax) megalops* Hamann & Klemm, 1967: 417, by monotypy.

Taxonomic history

Icothorax as junior synonym of *Chalepoxenus*: Hölldobler & Wilson, 1990: 13.

Icothorax as junior synonym of *Myrafant*: Baroni Urbani, 1978b: 556; Bolton, 1995b: 32.

Icothorax as junior synonym of *Leptothorax*: Brown, 1973b: 182 [provisional]; Bolton, 1982: 319; Bolton, 1994: 105.

Icothorax as junior synonym of *Temnothorax*: Bolton, 2003: 271.

Temnothorax references: [For references prior to 2003 see under *Leptothorax*.] 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: 120 (North and Central Europe species key); Terayama, 2009: 181 (Taiwan species key); Zhou, *et al.* 2010: 9 (China species key); Czechowski, Radchenko, *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).

Genus **TERATANER**

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; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 241 [subtribe Podomyrmini]; all subsequent authors to the following.

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

Terataner in Myrmicinae, Formicoxenini: Bolton, 1994: 105.

Terataner as genus: all authors.

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.

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

Terataner references: Emery, 1924d: 241 (diagnosis); Arnold, 1952b: 129 (review of genus); Kugler, C. 1979b: 260 (sting structure); Bolton, 1981b: 288, 290, 297 (diagnosis, **Afrotropical species revision key, Malagasy species key**); Bolton, 1995a: 1053 (census).

Genus **VOMBISIDRIS**

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.

Vombisidris as genus: all authors.

Vombisidris catalogues: Taylor & Brown, D.R. 1985: 65 (Australia, as *Leptothorax*); Bolton, 1995b: 423.

Vombisidris references: Taylor, 1989b: 605 (Australia species key, as *Leptothorax*); Bolton, 1991: 2 (**all species revision, key**); Bolton, 1995a: 1053 (census); Shattuck, 1999: 172 (Australia synopsis); Xu & Yu, 2012: 1497 (**all species key**).

Genus **XENOMYRMEX**

Xenomyrmex Forel, 1885a: 369. Type-species: *Xenomyrmex stollii* Forel, 1885a: 370, by monotypy.

Taxonomic history

Xenomyrmex in Myrmicinae: Dalla Torre, 1893: 64.

Xenomyrmex in Myrmicinae, Formicoxenini: Forel, 1893a: 165.

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; Wheeler, W.M. 1922a: 663; Wheeler, W.M. 1931a: 131; all subsequent authors to the following.

Xenomyrmex incertae sedis in Myrmicinae: Ettershank, 1966: 81.

Xenomyrmex in Myrmicinae, Solenopsidini: Smith, D.R. 1979: 1384.

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.

Xenomyrmex in Myrmicinae, Formicoxenini: Bolton, 2003: 70.

Xenomyrmex as genus: all authors.

Junior synonym of XENOMYRMEX

Myrmecinella Wheeler, W.M. 1922d: 1. Type-species: *Myrmecinella panamana* Wheeler, W.M. 1922d: 1, by original designation.

Taxonomic history

Myrmecinella in Myrmicinae, Myrmecinini: Wheeler, W.M. 1922d: 3; Donisthorpe, 1943f: 665.

Myrmecinella as junior synonym of *Xenomyrmex*: Wheeler, W.M. 1931a: 129.

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); Bolton, 1995a: 1053 (census).

Genera *incertae sedis* in Formicoxenini

Genus *STIGMOMYRMEX

***Stigmomyrmex** Mayr, 1868c: 95. Type-species: **Stigmomyrmex venustus* Mayr, 1868c: 97, by subsequent designation of Wheeler, W.M. 1911f: 173.

Taxonomic history

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

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

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

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

**Stigmomyrmex* in Myrmicinae, Formicoxenini: Bolton, 1994: 105; Bolton, 1995b: 395.

**Stigmomyrmex* as genus: all authors.

Genus **TRICYTARUS**

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: 422.

[*Tricytarus* 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: Bolton, 2003: 254.]

Tribe **STEGOMYRMECINI**

Stegomyrmecini Wheeler, W.M. 1922a: 655, 668. Type-genus: *Stegomyrmex* Emery, 1912b: 99.

Taxonomic history

Stegomyrmecini as tribe of Myrmicinae: Wheeler, W.M. 1922a: 655, 668 [Stegomyrmecini]; Wheeler, G.C. & Wheeler, J. 1976b: 60; Wheeler, G.C. & Wheeler, J. 1985: 258; Diniz, 1990: 277; Bolton, 1994: 106.

Genus of Stegomyrmecini: **Stegomyrmex**

Genus **STEGOMYRMEX**

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; Bolton, 1994: 106; Bolton, 2003: 71.

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

Stegomyrmex as genus: all authors.

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

Stegomyrmex references: Emery, 1924d: 314 (diagnosis); Diniz, 1990: 277 (review, **all species key**); Bolton, 1995a: 1052 (census); Bolton, 2003: 70, 254 (diagnosis, synopsis); Feitosa, Brandão & Diniz, 2008: 68 (**all species revision, key**).

Tribe MYRMECININI

Myrmecinini Ashmead, 1905b: 383. Type-genus: *Myrmecina* Curtis, 1829: 265.

Taxonomic history

Myrmecinini as tribe of Myrmicinae: Ashmead, 1905b: 383; Emery, 1912b: 105; Emery, 1914a: 37; Arnold, 1916: 190; Forel, 1917: 244; Wheeler, W.M. 1922a: 659; Emery, 1924d: 229; all subsequent authors.

Junior synonym of MYRMECININI

Archaeomyrmecini Mann, 1921: 449. Type-genus: *Archaeomyrmex* Mann, 1921: 448 (junior synonym of *Myrmecina* Curtis, 1829: 265).

Taxonomic history

Archaeomyrmecini as tribe of Myrmicinae: Mann, 1921: 449; Wheeler, W.M. 1922a: 656.

Archaeomyrmecini as junior synonym of Myrmecinini: Brown, 1971a: 2.

Myrmecinini references: Emery, 1912b: 105 (genera key); Emery, 1914a: 37, 41 (diagnosis (in key), synoptic classification); Forel, 1917: 244 (synoptic classification); Wheeler, W.M. 1922a: 670 (genera key); Emery, 1924d: 229 (diagnosis, genera key, catalogue); Wheeler, G.C. & Wheeler, J. 1976b: 55 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 13 (catalogue); Bolton, 2003: 71, 255 (diagnosis, synopsis).

Genera (extant) of Myrmecinini: *Acanthomyrmex*, *Myrmecina*, *Perissomyrmex*, *Pristomyrmex*.

Genera (extinct) *incertae sedis* in Myrmecinini: **Enneamerus*, **Stiphromyrmex*.

Genera of Mymecinini

Genus *ACANTHOMYRMEX*

Acanthomyrmex Emery, 1893a: cclxxvi. Type-species: *Acanthomyrmex luciolae* Emery, 1893a: cclxxvi, by subsequent designation of Bingham, 1903: 191.

Taxonomic history

[*Acanthomyrmex* also described as new by Emery, 1893f: 244. *Acanthomyrmex* misplaced in Formicinae, Lasiini (probably in error for *Acanthomyops*): Ashmead: 1905b: 384.]

Acanthomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139.

Acanthomyrmex in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 234; all subsequent authors except the following.

Acanthomyrmex in Myrmicinae, Pheidolini: Hölldobler & Wilson, 1990: 16 (error).

Acanthomyrmex as genus: all authors.

***Acanthomyrmex* catalogues:** Emery, 1924d: 234; Chapman & Capco, 1951: 114 (Asia); Bolton, 1995b: 53.

***Acanthomyrmex* references:** Emery, 1924d: 234 (diagnosis); Moffett, 1986c: 66 (diagnosis, **all species revision, key**); Bolton, 1995a: 1047 (census).

Genus *MYRMECINA*

Myrmecina Curtis, 1829: 265. Type-species: *Myrmecina latreillii* Curtis, 1829: 265 (junior synonym of *Formica graminicola* Latreille, 1802c: 255), by monotypy.

Taxonomic history

Myrmecina in Poneridae, Myrmicidae: Smith, F. 1858b: 132.

Myrmecina in Myrmicidae: Smith, F. 1871a: 327; Cresson, 1887: 261.

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

Myrmecina in Myrmicinae: Mayr, 1855: 420 [Myrmicidae]; Mayr, 1861: 73 [Myrmicidae]; Mayr, 1865: 21 [Myrmicidae]; Emery & Forel, 1879a: 457 [Myrmicidae]; Dalla Torre, 1893: 61.

Myrmecina in Myrmicinae, Myrmicini: Emery, 1895j: 769; Wheeler, W.M. 1910g: 139.

Myrmecina in Myrmicinae, Myrmecinini: Ashmead, 1905b: 383; Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 230; all subsequent authors.

Myrmecina as genus: all authors.

Junior synonym of *MYRMECINA*

Archaeomyrmex Mann, 1921: 448. Type-species: *Archaeomyrmex cacabau* Mann, 1921: 449, by original designation.

Taxonomic history

Archaeomyrmex in Myrmicinae, Archaeomyrmecini: Mann, 1921: 449; Wheeler, W.M. 1922a: 663.

Archaeomyrmex as junior synonym of *Myrmecina*: Brown, 1971a: 1.

***Myrmecina* catalogues:** Roger, 1863b: 33 (catalogue); Mayr, 1863: 429 (catalogue); Emery & Forel, 1879: 457 (Europe); Cresson, 1887: 261 (U.S.A.); Dalla Torre, 1893: 61; Emery, 1924d: 230; Chapman & Capco, 1951: 117 (Asia); Smith, M.R. 1951a: 815 (North America); Smith, D.R. 1979: 1399 (North America); Taylor & Brown, D.R. 1985: 71 (Australia); Taylor, 1987a: 47 (Australia); Bolton, 1995b: 274.

***Myrmecina* references:** Smith, F. 1858b: 132 (diagnosis); Mayr, 1865: 21 (diagnosis); André, 1882c: 275 (Europe & Algeria species); Bingham, 1903: 197 (diagnosis); Emery, 1916b: 171 (Italy species key); Mann, 1919: 337 (Papuan species key); Emery, 1924d: 230 (diagnosis); Smith, M.R. 1948: 239 (U.S.A. species key); Creighton, 1950a: 246 (North America review); Bernard, 1967: 226 (diagnosis); Morisita, Kubota, et al. 1992: 54 (Japan species key); Bolton, 1995a: 1050 (census); Terayama, 1996: 31 (Japan species key); Lin & Wu, 1998: 89 (Taiwan species key); Rigato, 1999: 83 (West Palaearctic species key); Shattuck, 1999: 147 (Australia synopsis); Zhou, 2001b: 138 (China, Guangxi species key); Radchenko, 2005b: 192 (North Korea species key); Zhou, Huang & Ma, 2008: 285 (China species key); Shattuck, 2009: 3 (**Australia species key**); Terayama, 2009: 187 (Taiwan species key); Sarnat & Economo, 2012: 91 (Fiji Is species key).

Genus *PERISSOMYRMEX*

Perissomyrmex Smith, M.R. 1947i: 281. Type-species: *Perissomyrmex snyderi* Smith, M.R. 1947i: 282, by original designation.

Taxonomic history

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

Perissomyrmex in Myrmicinae, Archaeomyrmecini?: Brandão, 1991: 391.

Perissomyrmex in Myrmicinae, Myrmecinini: Smith, M.R. 1947i: 281; Kempf, 1972a: 182; Dlussky & Fedoseeva, 1988: 79; Bolton, 1994: 105; Longino & Hartley, 1995: 199.

Perissomyrmex as genus: all authors.

***Perissomyrmex* catalogues:** Kempf, 1972a: 182; Bolton, 1995b: 316.

Perissomyrmex references: Longino & Hartley, 1995: 195 (review); Bolton, 1995a: 1051 (census); Radchenko, 2003: 18 (**all species revision, key**); Zhou & Huang, 2006: 189 (China species, key); Ogata & Okido, 2007: 358 (**all species revision, key**); Xu & Zhang, 2012: 148 (diagnosis, **all species revision, key**).

Genus **PRISTOMYRMEX**

Pristomyrmex Mayr, 1866b: 903. Type-species: *Pristomyrmex pungens* Mayr, 1866b: 904 (junior synonym of *Myrmica punctata* Smith, F. 1860b: 108), by monotypy.

Taxonomic history

Pristomyrmex in Myrmicidae: Mayr, 1866b: 903.

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

Pristomyrmex in Myrmicinae: Dalla Torre, 1893: 62.

Pristomyrmex in Myrmicinae, Myrmicini: Emery, 1895j: 769; Ashmead, 1905b: 383; Wheeler, W.M. 1910g: 139.

Pristomyrmex in Myrmicinae, Myrmecinini: Emery, 1912b: 105; Emery, 1914a: 41; Forel, 1917: 244; Wheeler, W.M. 1922a: 663; Emery, 1924d: 233; all subsequent authors except the entries below; Bolton, 1994: 105; Bolton, 2003: 71.

Pristomyrmex in Myrmicinae, Tetramoriini: Bernard, 1953b: 251.

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

Pristomyrmex as genus: all authors.

Junior synonyms of **PRISTOMYRMEX**

Odontomyrmex André, 1905: 207. Type-species: *Odontomyrmex quadridentatus* André, 1905: 208, by monotypy.

Taxonomic history

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

Odontomyrmex as subgenus of *Pristomyrmex*: Forel, 1917: 244; Wheeler, W.M. 1922a: 682; Chapman & Capco, 1951: 121 (anachronism).

Odontomyrmex as junior synonym of *Pristomyrmex*: Mann, 1919: 341; Emery, 1924d: 233; Donisthorpe, 1943f: 676; Brown, 1953c: 9; Taylor, 1965b: 35; Bolton, 1981b: 282.

Hylidris Weber, 1941a: 190. Type-species: *Hylidris myersi* Weber, 1941a: 190 (junior synonym of *Pristomyrmex africanus* Karavaiev, 1931d: 47), by original designation.

Taxonomic history

Hylidris in Myrmicinae, Myrmecinini: Weber, 1941a: 183; Donisthorpe, 1943f: 651.

Hylidris as junior synonym of *Pristomyrmex*: Brown, 1953c: 9.

Dodous Donisthorpe, 1946f: 145. Type-species: *Dodous trispinosus* Donisthorpe, 1946f: 145, by original designation.

Taxonomic history

Dodous in Myrmicinae, Solenopsidini: Donisthorpe, 1946f: 145.

Dodous as junior synonym of *Pristomyrmex*: Brown, 1971a: 3.

Pristomyrmex catalogues: Dalla Torre, 1893: 62; Emery, 1924d: 233; Chapman & Capco, 1951: 121, 161 (Asia *Pristomyrmex*, *Dodous*); Taylor & Brown, D.R. 1985: 85 (Australia); Taylor, 1987a: 64 (Australia); Bolton, 1995b: 365.

Pristomyrmex references: Forel, 1903a: 696 (India & Sri Lanka species key); Bingham, 1903: 193 (diagnosis); Emery, 1924d: 233 (diagnosis); Taylor, 1965b: 37 (**Australia species revision, key**); Taylor, 1968c: 63 (supplement to Taylor, 1965b); Bolton, 1981b: 282 (diagnosis, **Afrotropical species revision, key**); Morisita, Kubota, et al. 1992: 57 (Japan species key); Bolton, 1995a: 1052 (census); Lin & Wu, 1998: 94 (Taiwan species key); Shattuck, 1999: 159 (Australia synopsis); Xu & Zhang, 2002: 69 (China species key); Wang, M. 2003: 393 (**all species revision, key**); Zettel, 2006: 65 (Philippines species key); Terayama, 2009: 190 (Taiwan species key).

Genera *incertae sedis* in Myrmecinini

Genus ***ENNEAMERUS**

**Enneamerus* Mayr, 1868c: 98. Type-species: **Enneamerus reticulatus* Mayr, 1868c: 100, by monotypy.

Taxonomic history

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

**Enneamerus* in Myrmicinae: Mayr, 1868c: 98 [Myrmicidae]; Dalla Torre, 1893: 78.

**Enneamerus* in Myrmicinae, Tetramoriini: Wheeler, W.M. 1915h: 69.

**Enneamerus* in Myrmicinae, Myrmicariini: Donisthorpe, 1943f: 643.

**Enneamerus incertae sedis in Myrmicinae*: Dlussky & Fedoseeva, 1988: 80.

**Enneamerus* in Myrmicinae, Myrmecinini: Bolton, 1994: 105; Bolton, 1995b: 188.

Genus *STIPHROMYRMEX

**Stiphromyrmex* Wheeler, W.M. 1915h: 67. Type-species: **Stigmomyrmex robustus* Mayr, 1868c: 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: 395.

Tribe METAPONINI

Metaponini Forel, 1911h: 447. Type-genus: *Metapone* Forel, 1911h: 447.

Taxonomic history

Metaponini as tribe of Ponerinae: Forel, 1911h: 446.

Metaponini as tribe of Myrmicinae: Emery, 1914a: 34; Forel, 1917: 240; Emery, 1921f: 19; Wheeler, W.M. 1922a: 655; all subsequent authors.

Genus of Metaponini

Genus METAPONE

Metapone Forel, 1911h: 447. Type-species: *Metapone greeni* Forel, 1911h: 449, by monotypy.

Taxonomic history

Metapone in Ponerinae, Metaponini: Forel, 1911h: 446.

Metapone in Myrmicinae, Metaponini: Emery, 1912b: 96 (in text); Emery, 1914a: 40; Forel, 1917: 240; Wheeler, W.M. 1919h: 177; Emery, 1921f: 19; Wheeler, W.M. 1922a: 661; all subsequent authors except the entry below; Bolton, 1994: 105.

Metapone in Cerapachyinae: Kusnezov, 1960a: 124.

Metapone as genus: all authors.

Metapone catalogues: Emery, 1921f: 19; Chapman & Capco, 1951: 114 (Asia); Taylor & Brown, D.R. 1985: 69 (Australia); Taylor, 1987a: 40 (Australia); Bolton, 1995b: 258.

Metapone references: Emery, 1914a: 34 (diagnosis (in key)); Wheeler, W.M. 1919h: 178 (all species key); Emery, 1921f: 19 (diagnosis); Kusnezov, 1960a: 119 (morphology); Kugler, C. 1978a: 444 (sting

structure); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1041 (census); Shattuck, 1999: 144 (Australia synopsis); Bolton, 2003: 71, 257 (diagnosis, synopsis); Alpert, 2007: 10 (**Madagascar species key**).

Tribe **MELISSOTARSINI**

Melissotarsii Emery, 1901a: 36. Type-genus: *Melissotarsus* Emery, 1877b: 378.

Taxonomic history

Melissotarsini as tribe of Ponerinae: Emery, 1901a: 36 [Melissotarsii].

Melissotarsini as tribe of Myrmicinae: Ashmead, 1905b: 383; Forel, 1911h: 446; Emery, 1914a: 35; Arnold, 1916: 188; Forel, 1917: 242; Emery 1922e: 118; Wheeler, W.M. 1922a: 656; all subsequent authors.

Melissotarsini references: Emery, 1914a: 35, 40 (diagnosis (in key), synoptic classification); Forel, 1917: 242 (synoptic classification); Wheeler, W.M. 1922a: 661 (genera key); Wheeler, W.M. 1922a: 823, 1021 (Afrotropical, Malagasy catalogues); Wheeler, G.C. & Wheeler, J. 1976b: 53 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 16 (synoptic classification); Bolton, 1994: 105 (synoptic classification); Bolton, 1995a: 1041 (census); Bolton, 1995b: 12 (catalogue); Bolton, 2003: 72, 257 (diagnosis, synopsis).

Genera of Melissotarsini: *Melissotarsus*, *Rhopalomastix*.

Genus **MELISSOTARSUS**

Melissotarsus Emery, 1877b: 378. Type-species: *Melissotarsus beccarii* Emery, 1877b: 379, by monotypy.

Taxonomic history

Melissotarsus in Myrmicinae: Dalla Torre, 1893: 74.

Melissotarsus in Myrmicinae, Solenopsidini: Forel, 1893a: 164; Emery, 1895j: 770; Wheeler, W.M. 1910g: 141.

Melissotarsus in Myrmicinae, Melissotarsini: Ashmead, 1905b: 383; Emery, 1914a: 40; Arnold, 1916: 188; Forel, 1917: 242; Emery, 1922e: 119; Wheeler, W.M. 1922a: 661; all subsequent authors.

Melissotarsus as genus: all authors.

Melissotarsus catalogues: Dalla Torre, 1893: 74; Emery, 1922e: 119; Wheeler, W.M. 1922a: 823, 1021 (Afrotropical, Malagasy); Bolton, 1995b: 250.

Melissotarsus references: Arnold, 1916: 188 (diagnosis); Emery, 1922e: 119 (diagnosis); Bolton, 1982: 335 (diagnosis, **Afrotropical species revision, key**); Bolton, 1995a: 1050 (census); Fisher & Robertson, 1999: 78 (silk production by workers).

Genus **RHOPALOMASTIX**

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, Melissotarsini: Emery, 1914a: 40; Forel, 1917: 242; Emery, 1922e: 118; Wheeler, W.M. 1922a: 661; all subsequent authors.

Rhopalomastix as genus: all authors.

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

Rhopalomastix references: Emery, 1922e: 118 (diagnosis); Wheeler, W.M. 1929d: 95 (review of genus); Bolton, 1995a: 1052 (census); Xu, 1999: 130 (China species key); Shattuck, 1999: 161 (Australia synopsis).

Genera *incertae sedis* in MYRMICINAE

Genus ***AFROMYRMA**

***Afromyrma** Dlussky, Brothers & Rasnitsyn, 2004: 9. Type-species: **Afromyrma petrosa* Dlussky, Brothers & Rasnitsyn, 2004: 9, by original designation.

Taxonomic history

**Afromyrma* in Myrmicinae: Dlussky, Brothers & Rasnitsyn, 2004: 9.

Genus ***CEPHALOMYRMEX**

***Cephalomyrmex** Carpenter, 1930: 37. Type-species: **Cephalomyrmex rotundatus* Carpenter, 1930: 37, by original designation.

Taxonomic history

**Cephalomyrmex incertae sedis* in Myrmicinae: Carpenter, 1930: 37; Hölldobler & Wilson, 1990: 16; Bolton, 1994: 106; Bolton, 1995b: 140.

Genus *DIAPHOROMYRMA*

Diaphoromyrma Fernández, Delabie & do Nascimento, 2009: 56. Type-species: *Diaphoromyrma sofiae* Fernández, Delabie & do Nascimento, 2009: 59, by original designation.

Taxonomic history

Diaphoromyrma incertae sedis in Myrmicinae: Fernández, Delabie & do Nascimento, 2009: 56.

Genus **ELECTROMYRMEX*

**Electromyrmex* Wheeler, W.M. 1910g: 164 (by indication). Type-species: **Electromyrmex klebsi* Wheeler, W.M. 1910g: 164 (by indication), by monotypy.

Taxonomic history

[**Electromyrmex* Wheeler, W.M. 1908g: 413, *nomen nudum*. **Electromyrmex* also described as new by Wheeler, W.M. 1915h: 55 (diagnosis).]

**Electromyrmex* in Myrmicinae, Myrmicini: Wheeler, W.M. 1915h: 55; Donisthorpe, 1943f: 642.

**Electromyrmex incertae sedis* in Myrmicinae: Dlussky & Fedoseeva, 1988: 80; Bolton, 1994: 106; Bolton, 1995b: 187.

Genus **EOCENIDRIS*

**Eocenidris* Wilson, 1985d: 209. Type-species: **Eocenidris crassa* Wilson, 1985d: 209, by original designation.

Taxonomic history

**Eocenidris incertae sedis* in Myrmicinae: Wilson, 1985d: 209; Dlussky & Fedoseeva, 1988: 81; Bolton, 1994: 106; Bolton, 1995b: 188.

Genus **EOMYRMEX*

**Eomyrmex* Hong, 1974: 138. Type-species: **Eomyrmex guchengziensis* Hong, 1974: 138 (spelling emended from **guchengzienis* by Bolton, 1995b: 28), by monotypy.

Taxonomic history

**Eomyrmex incertae sedis* in Ponerinae: Hölldobler & Wilson, 1990: 11.

**Eomyrmex incertae sedis* in Myrmicinae: Bolton, 1994: 106; Bolton, 1995b: 188.

Genus **FALLOMYRMA*

**Fallomyrma* Dlussky & Radchenko, 2006a: 154. Type-species: **Fallomyrma transversa* Dlussky & Radchenko, 2006a: 156, by original designation.

Taxonomic history

**Fallomyrma incertae sedis* in Myrmicinae: Dlussky & Radchenko, 2006a: 154.

Genus *KEMPFIDRIS*

Kempfidris Fernández, Feitosa & Lattke, 2014: 3. Type-species: *Monomorium inusuale* Fernández, 2007b: 135, by original designation.

Taxonomic history

Kempfidris incertae sedis in Myrmicinae: Fernández, Feitosa & Lattke, 2014: 3.

Genus **MIOSOLENOPSIS*

**Miosolenopsis* Zhang, 1989: 264. Type-species: **Miosolenopsis fossilis* Zhang, 1989: 264, by original designation.

Taxonomic history

**Miosolenopsis* in Myrmicinae, Solenopsidini: Zhang, 1989: 264.

Genus **MYRMECITES*

**Myrmecites* Dlussky & Rasnitsyn, 2002: 422. Type-species: **Myrmecites rotundiceps* Dlussky & Rasnitsyn, 2002: 422, by original designation.

Taxonomic history

**Myrmecites incertae sedis* in Myrmicinae: Dlussky & Rasnitsyn, 2002: 422.

***Myrmecites references:** Dlussky & Putyatina, 2014: 273 (diagnosis).

Genus **SOLENOPSITES*

**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.

Genus **ZHANGIDRIS*

**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: 259.

Taxonomic history

**Heteromyrmex* Zhang, 1989: 271. Type-species: **Heteromyrmex atopogaster* Zhang, 1989: 271, by original designation.

Taxonomic history

[Junior homonym of *Heteromyrmex* Wheeler, W.M. 1920: 53 (Formicidae).]

**Heteromyrmex incertae sedis* in Myrmicinae: Zhang, 1989: 271.

**Heteromyrmex incertae sedis* in Formicinae: Hong, Wu & Ren, 2001: 247.

Genera of Hong (2002), *incertae sedis* in MYRMICINAE

Genus *BRACHYTARSITES

**Brachytarsites* Hong, 2002: 559. Type-species: **Brachytarsites dongzhouheensis* Hong, 2002: 559, by original designation.

Taxonomic history

**Brachytarsites* in Myrmicinae: Hong, 2002: 559.

Genus *CLAVIPETIOLA

**Clavipetiola* Hong, 2002: 564. Type-species: **Clavipetiola asiatica* Hong, 2002: 564, by original designation.

Taxonomic history

**Clavipetiola* in Myrmicinae: Hong, 2002: 564.

Genus *FUSHUNOMYRMEX

**Fushunomyrmex* Hong, 2002: 550. Type-species: **Fushunomyrmex liaoningensis* Hong, 2002: 550, by original designation.

Taxonomic history

**Fushunomyrmex* in Myrmicinae: Hong, 2002: 550.

Genus *ORBIGASTRULA

**Orbigastrula* Hong, 2002: 552. Type-species: **Orbigastrula guchengziensis* Hong, 2002: 553, by original designation.

Taxonomic history

**Orbigastrula* in Myrmicinae: Hong, 2002: 552.

Genus **QUADRULICAPITO*

**Quadrulicapito* Hong, 2002: 561. Type-species: **Quadrulicapito longa* Hong, 2002: 562, by original designation.

Taxonomic history

**Quadrulicapito* in Myrmicinae: Hong, 2002: 561.

Genus **QUINEANGULICAPITO*

**Quineangulicapito* Hong, 2002: 554. Type-species: **Quineangulicapito fushunensis* Hong, 2002: 555, by original designation.

Taxonomic history

**Quineangulicapito* in Myrmicinae: Hong, 2002: 554.

Genus **SINOMYRMEX*

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

Taxonomic history

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

Genus **SPHAEROGASTERITES*

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

Taxonomic history

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

Genus **WUMYRMEX*

**Wumyrmex* Hong, 2002: 566. Type-species: **Wumyrmex furvis* Hong, 2002: 556, by original designation.

Taxonomic history

**Wumyrmex* in Myrmicinae: Hong, 2002: 566.

Collective group name in MYRMICINAE

***MYRMICITES**

***Myrmicites** Förster, 1891: 448; collective group name, without included named taxa. [Note: this name is not equivalent to the family-group name Myrmicites Lepeletier de Saint-Fargeau, 1835: 169.]

SYNOPSIS OF FORMICIDAE: SUBFAMILIES AGROECOMYRMECINAE, AMBLYOPONINAE, PARAPONERINAE, PONERINAE AND PROCRATIINAE (PONEROMORPHS)

Genera (extinct) *incertae sedis* in poneromorph subfamilies: **Cretopone*, **Petropone*.

SUBFAMILY AGROECOMYRMECINAE

Subfamily AGROECOMYRMECINAE

Agroecomyrmicini Carpenter, 1930: 34. Type-genus: **Agroecomyrmex* Wheeler, W.M. 1910a: 265.

Taxonomic history

Agroecomyrmecinae as myrmicomorph subfamily of Formicidae: Bolton, 2003: 51, 181.

Agroecomyrmecinae as poneroid subfamily of Formicidae: Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell *et al.* 2006: 102; Ward, 2007a: 555.

Tribe of Agroecomyrmecinae: Agroecomyrmecini.

Tribe AGROECOMYRMECINI

Agroecomyrmicini Carpenter, 1930: 34. Type-genus: **Agroecomyrmex* Wheeler, W.M. 1910a: 265.

Taxonomic history

Agroecomyrmecini as tribe of Myrmicinae: Carpenter, 1930: 34 [Agroecomyrmicini]; Brown & Kempf, 1968: 184; Dlussky & Fedoseeva, 1988: 80; Baroni Urbani & De Andrade, 2007: 75.

Agroecomyrmecini as tribe of Agroecomyrmecinae: Bolton, 2003: 52, 181.

Agroecomyrmecinae references: Brown & Kempf, 1968: 184 (diagnosis, revision of tribe); Bolton, 1994: 105 (synoptic classification); Bolton, 2003: 51, 181 (diagnosis, synopsis); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell et al. 2006: 102 (phylogeny); Baroni Urbani & De Andrade, 2007: 75 (classification); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny).

Genus (extant) of Agroecomyrmecini: *Tatuidris*.

Genera (extinct) of Agroecomyrmecini: **Agroecomyrmex*, **Eulithomyrmex*.

Genera of Agroecomyrmecini

Genus *AGROECOMYRMEX

**Agroecomyrmex* Wheeler, W.M. 1910a: 265. Type-species: **Myrmica duisburgi* Mayr, 1868c: 87, by original designation.

Taxonomic history

[**Agroecomyrmex* also described as new by Wheeler, W.M. 1915h: 56.]

**Agroecomyrmex* in Myrmicinae, Myrmicini: Wheeler, W.M. 1915h: 56.

**Agroecomyrmex* in Myrmicinae, Myrmecinini: Donisthorpe, 1943f: 621.

**Agroecomyrmex* in Myrmicinae, Agroecomyrmecini: Carpenter, 1930: 34; Brown & Kempf, 1968: 184; Baroni Urbani & De Andrade, 2007: 75..

**Agroecomyrmex* in Agroecomyrmecinae, Agroecomyrmecini: Bolton, 2003:181.

**Agroecomyrmex* as genus: all authors.

**Agroecomyrmex catalogue*: Bolton, 1995b: 61.

****Agroecomyrmex* references:** Brown & Kempf, 1968: 184 (review of genus); Bolton, 1994: 105 (synoptic classification).

Genus *EULITHOMYRMEX

**Eulithomyrmex* Carpenter, 1935: 91.

Taxonomic history

[Replacement name for **Lithomyrmex* Carpenter, 1930: 34; junior homonym of *Lithomyrmex* Clark, 1928a: 30 (Formicidae).]

**Eulithomyrmex* in Myrmicinae, Agroecomymecini: Brown & Kempf, 1968: 184; Bolton, 1994: 105; Baroni Urbani & De Andrade, 2007: 75.

**Eulithomyrmex* in Agroecomymecinae, Agroecomymecini: Bolton, 2003: 181.

**Eulithomyrmex* as genus: all authors since Carpenter, 1935: 91.

Junior homonym replaced by *EULITHOMYRMEX

**Lithomyrmex* Carpenter, 1930: 34. Type-species: **Lithomyrmex rugosus* Carpenter, 1930: 35, by original designation.

Taxonomic history

[Junior homonym of *Lithomyrmex* Clark, 1928a: 30 (Formicidae).]

**Lithomyrmex* in Myrmicinae, Agroecomymecini: Carpenter, 1930: 34.

**Eulithomyrmex* catalogue: Bolton, 1995b: 189.

Genus TATUIDRIS

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

Taxonomic history

Tatuidris in Myrmicinae, Agroecomymecini: Brown & Kempf, 1968: 186; Baroni Urbani & De Andrade, 2007: 75.

Tatuidris in Agroecomymecinae, Agroecomymecini: Bolton, 2003: 181.

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).

SUBFAMILY AMBLYOPONINAE

Subfamily AMBLYOPONINAE

Amblyoponinae Forel, 1893a: 162. Type-genus: *Amblyopone* Erichson, 1842: 260.

Taxonomic history

Amblyoponinae as subfamily of Formicidae: Forel, 1893a: 162 [Amblyoponinae]; Forel, 1895b: 110 [Amblyoponeridae]; Clark, 1951: 15 (in key) [Amblyoponinae]; Bolton, 2003: 41 (revived status).

Amblyoponinae as poneromorph subfamily of Formicidae: Bolton, 2003: 41, 153.

Amblyoponinae as poneroid subfamily of Formicidae: Ouellette, Fisher, et al. 2006: 365; Brady, Schultz, et al. 2006: 18173; Moreau, Bell et al. 2006: 102; Ward, 2007a: 555.

Tribe of Amblyoponinae: Amblyoponini.

Tribe AMBLYOPONINI

Amblyoponinae Forel, 1893a: 162. Type-genus: *Amblyopone* Erichson, 1842: 260.

Taxonomic history

Amblyoponini as tribe of Pachycondylinae: Ashmead, 1905b: 382.

Amblyoponini as tribe of Ponerinae: Emery, 1895c: 261 [Amblyoponii]; Emery, 1895j: 761 [Amblyoponii]; Forel, 1900c: 54 [Amblyoponii]; Emery, 1901a: 36 [Amblyoponii]; Ruzsky, 1905b: 174 [Amblyoponii]; Wheeler, W.M. 1910g: 134 [Amblyoponii]; Emery, 1911d: 21; Emery, 1916b: 25; Forel, 1917: 235; Bondroit, 1918: 80; Wheeler, W.M. 1922a: 637; Wheeler, W.M. & Chapman, 1925: 55; Chapman & Capco, 1951: 22; Brown, 1953c: 11; Brown, 1960a: 146; Kusnezov, 1964: 51; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 9; Jaffe, 1993: 7; Bolton, 1994: 164.

Amblyoponini as tribe of Amblyoponinae: Bolton, 2003: 42, 153.

Junior synonyms of AMBLYOPONINI

Onychomyrmicini Ashmead, 1905b: 382. Type-genus: *Onychomyrmex* Emery, 1895g: 349.

Taxonomic history

Onychomyrmicini as tribe of Ponerinae: Ashmead, 1905b: 382; Wheeler, W.M. 1922a: 638.

Onychomyrmicini as subtribe of Ponerini: Emery, 1911d: 96.

Onychomyrmicini as junior synonym of Amblyoponini: Bolton, 1994: 164; Bolton, 2003: 153.

Reneini Donisthorpe, 1947d: 183. Type-genus: *Renea* Donisthorpe, 1947d: 183 (junior synonym of *Prionopelta* Mayr, 1866a: 503).

Taxonomic history

Reneini as tribe of Ponerinae: Donisthorpe, 1947d: 183.

Reneini as junior synonym of Amblyoponini: Brown, 1953c: 11; all subsequent authors.

Exambyponini Donisthorpe, 1949g: 401. Type-genus: *Exambyopone* Donisthorpe, 1949g: 401 (junior synonym of *Prionopelta* Mayr, 1866a: 503).

Taxonomic history

Exambyponini as tribe of Ponerinae: Donisthorpe, 1949g: 401.

Exambyponini as junior synonym of Amblyoponini: Brown, 1951: 102; all subsequent authors.

Ericapeltini Kusnezov, 1955: 275. Type-genus: *Ericapelta* Kusnezov, 1955: 273 (junior synonym of *Stigmatomma* Roger, 1859: 250).

Taxonomic history

Ericapeltini as subtribe of Amblyoponini: Kusnezov, 1955: 275.

Ericapeltini as junior synonym of Amblyoponini: Bolton, 1994: 164; Bolton, 2003: 153.

Apomyrmini Dlussky & Fedoseeva, 1988: 78. Type-genus: *Apomyrma* Brown, Gotwald & Lévieux, 1971: 259.

Taxonomic history

Apomyrmini as tribe of Ponerinae: Dlussky & Fedoseeva, 1988: 78.

Apomyrmini as tribe of Leptanillinae: Bolton, 1990b: 280; Kugler, C. 1992: 106.

Apomyrmini as tribe of Apomyrminae: Bolton, 1994: 16; Bolton, 2003: 39, 150.

Apomyrminae as subfamily of Formicidae: Baroni Urbani, Bolton & Ward, 1992: 316; Bolton, 1994: 16.

Apomyrminae as leptanillomorph subfamily of Formicidae: Bolton, 2003: 39, 150.

Apomyrmini as junior synonym of Amblyoponinae: Saux, Fisher & Spicer, 2004: 465.

Amblyoponinae references, world: Emery, 1895j: 766 (diagnosis); Wheeler, W.M. 1910g: 134 (diagnosis); Emery, 1911d: 21 (diagnosis, genera, key); Emery, 1911d: 96 (subtribe Onychomyrmicini diagnosis); Forel, 1917: 235 (synoptic classification); Wheeler, W.M. 1922a: 640, 758, 1006 (genera key, Afrotropical, Malagasy catalogues); Brown, 1960a: 146 (diagnosis, all genera revision, key); Wheeler, G.C. & Wheeler, J. 1976b: 48 (larvae, review & synthesis); Wheeler, G.C. & Wheeler, J. 1985: 256 (synoptic classification); Terayama, 1989b: 345 (Taiwan fauna); Hölldobler & Wilson, 1990: 9 (synoptic classification); Brandão, 1991: 389 (Neotropical fauna, synoptic classification); Bolton, 1994: 164 (synoptic classification); Ward, 1994: 167 (tribe diagnosis & discussion); Bolton, 1995a: 1042 (census); Bolton, 1995b: 9 (catalogue); Hashimoto, 1996: 353 (abdominal structure); Schoeters, Ito, et al. 1999: 3 (venom gland structure); Xu, 2000a: 300 (Malesian genera key); Bolton, 2003: 41, 153 (diagnosis, synopsis); Saux, Fisher & Spicer, 2004: 466 (phylogeny, diagnosis); Ouellette, Fisher et al.

2006: 359 (phylogeny); Brady, Schultz, et al. 2006: 18173 (phylogeny); Moreau, Bell et al. 2006: 102 (phylogeny); Ward, 2007a: 555 (classification); Fernández & Arias-Penna, 2008: 30 (Neotropical genera key); Terayama, 2009: 93 (Taiwan genera key); Keller, 2011: 1 (morphology, phylogeny); Yoshimura & Fisher, 2012a: 11 (Madagascar genera males key); General & Alpert, 2012: 70 (Philippines genera key); Sarnat & Economo, 2012: 22 (Fiji Is species key).

Genera (extant) of Amblyoponini: *Adetomyrma*, *Amblyopone*, *Apomyrma*, *Bannapone*, *Concoctio*, *Myopopone*, *Mystrium*, *Onychomyrmex*, *Opamyrma*, *Prionopelta*, *Stigmatomma*, *Xymmer*.

Genus (extinct) of Amblyoponini: **Casaleia*.

Genus incertae sedis in Amblyoponini: *Paraprionopelta*.

Genera of Amblyoponini

Genus **ADETOMYRMA**

Adetomyrma Ward, 1994: 160. Type-species: *Adetomyrma venatrix* Ward, 1994: 161, by original designation.

Taxonomic history

Adetomyrma in Ponerinae, Amblyoponini: Ward, 1994: 159.

Adetomyrma in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 153.

Adetomyrma as genus: all authors.

***Adetomyrma* catalogue:** Bolton, 1995b: 58.

***Adetomyrma* references:** Yoshimura & Fisher, 2012a: 13 (male diagnosis); Yoshimura & Fisher, 2012b: 5 (all species revision, key).

Genus **AMBLYOPONE**

Amblyopone Erichson, 1842: 260. Type-species: *Amblyopone australis* Erichson, 1842: 261, by monotypy.

Taxonomic history

Amblyopone in Poneridae: Smith, F. 1858b: 108; Smith, F. 1871a: 324.

Amblyopone in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 16 [Poneridae]; Emery & Forel, 1879a: 455 [Poneridae]; Dalla Torre, 1893: 13.

Amblyopone in Amblyoponinae: Forel, 1893a: 162; Clark, 1951: 15 (in key).

Amblyopone in Pachycondylinae, Amblyoponini: Ashmead, 1905b: 382.

Amblyopone in Ponerinae, Amblyoponini: Emery, 1895c: 261; Emery, 1895j: 766; Emery, 1901a: 34; Wheeler, W.M. 1910g: 134; Emery, 1911d: 25; Forel, 1917: 235; Wheeler, W.M. 1922a: 641; Donisthorpe, 1943f: 621; Brown, 1953c: 11; all subsequent authors to the following.

Amblyopone in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 154.

Amblyopone as genus: all authors.

Junior synonyms of AMBLYOPONE

Amblyopopone Dalla Torre, 1893: 13, unjustified emendation of *Amblyopone*.

Taxonomic history

Amblyopopone as junior synonym of *Amblyopone*: Forel, 1893a: 166; Emery, 1911d: 25.

Amblyopopona Schulz, W.A. 1906: 154, unjustified emendation of *Amblyopone*.

Taxonomic history

Amblyopopona as junior synonym of *Amblyopone*: Bolton, 1994: 164.

Neoamblyopone Wheeler, W.M. 1927c: 1 [as subgenus of *Amblyopone*]. Type-species: *Amblyopone (Neoamblyopone) clarki* Wheeler, W.M. 1927c: 24, by monotypy.

Taxonomic history

Neoamblyopone as junior synonym of *Amblyopone*: Brown, 1949c: 87; Brown, 1960a: 155.

Protamblyopone Wheeler, W.M. 1927c: 1 [as subgenus of *Amblyopone*]. Type-species: *Amblyopone aberrans* Wheeler, W.M. 1927c: 26, by monotypy.

Taxonomic history

Protamblyopone as junior synonym of *Amblyopone*: Brown, 1949c: 87; Brown, 1960a: 155.

***Amblyopone* catalogues:** Roger, 1863b: 20; Mayr, 1863: 394; Dalla Torre, 1893: 13; Emery, 1911d: 25; Chapman & Capco, 1951: 22 (Asia); Kempf, 1972a: 19 (Neotropical); Smith, D.R. 1979: 1334 (North America); Taylor & Brown, D.R. 1985: 18 (Australia); Taylor, 1987a: 6 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 61.

***Amblyopone* references:** Mayr, 1865: 16 (diagnosis); Emery, 1911d: 25 (diagnosis); Wheeler, W.M. 1927c: 3 (Austral & New Guinea species key); Brown, 1958h: 11 (New Zealand species); Brown, 1960a:

155 (diagnosis, review of genus, **New World species key**: 191); Baroni Urbani, 1978a: 41 (Mediterranean species key); Taylor, 1979: 824 (Melanesia species key); Agosti & Collingwood, 1987b: 264 (Balkans species key); Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Morisita, Kubota, *et al.* 1989: 11 (Japan species key); Terayama, 1989b: 345 (Taiwan species key); Tinaut, 1990d: 189 (Iberian Peninsula species); Dlussky, Soyunov & Zabelin, 1990: 173 (Turkmenistan species key); Lattke, 1991c: 6 (**New World species key**); Atanasov & Dlussky, 1992: 61 (Bulgaria species key); Bolton, 1995a: 1047 (census); Onoyama, 1999: 190 (Japan species key); Shattuck, 1999: 179 (Australia synopsis); Xu, 2001d: 552 (East & South Asia species key); Lacau & Delabie, 2002: 40 (**Neotropical species key**); Xu, 2006: 152 (China species key); Arias-Penna, 2008a: 43 (**Neotropical species key**); Terayama, 2009: 93 (Taiwan species key); Heterick, 2009: 131 (south-western Australia species key); Bharti & Wachkoo, 2011: 590 (India species key).

Genus **APOMYRMA**

Apomyrma Brown, Gotwald & Lévieux, 1971: 259. Type-species: *Apomyrma stygia* Brown, Gotwald & Lévieux, 1971: 264, by original designation.

Taxonomic history

Apomyrma in Ponerinae, Amblyoponini: Brown, Gotwald & Lévieux, 1971: 273; Wheeler, G.C. & Wheeler, J. 1985: 256; Hölldobler & Wilson, 1990: 10.

Apomyrma in Ponerinae, Apomyrmini: Dlussky & Fedoseeva, 1988: 78 (misspelled as Aromyrmini).

Apomyrma in Leptanillinae, Apomyrmini: Bolton, 1990b: 280; Kugler, C. 1992: 106.

Apomyrma in Apomyrminae, Apomyrmini: Baroni Urbani, Bolton & Ward, 1992: 316; Bolton, 1994: 16; Bolton, 2003: 39.

Apomyrma in Amblyoponinae: Saux, Fisher & Spicer, 2004: 465.

Apomyrma as genus: all authors.

Apomyrma catalogue: Bolton, 1995b: 74.

Apomyrma references: Bolton, 1990b: 280 (diagnosis, abdominal morphology); Kugler, C. 1992: 106 (sting structure); Baroni Urbani, Bolton & Ward, 1992: 316 (phylogeny); Bolton, 1994: 16 (diagnosis, synoptic classification); Bolton, 2003: 39, 150 (diagnosis, synopsis); Saux, Fisher & Spicer, 2004: 465 (phylogeny, classification).

Genus **BANNAPONE**

Bannapone Xu, 2000b: 299. Type-species: *Bannapone mulanae* Xu, 2000b: 301, by original designation.

Taxonomic history

Bannapone in Ponerinae, Amblyoponini: Xu, 2000b: 297.

Bannapone in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 155.

Bannapone as genus: all authors.

***Bannapone* references:** Guénard, et al. 2013: 371 (diagnosis).

Genus **CASALEIA*

**Casaleia* Pagliano & Scaramozzino, 1990: 5.

Taxonomic history

[Replacement name for **Protamblyopone* Dlussky, 1981b: 65; junior homonym of *Protamblyopone* Wheeler, W.M. 1927c: 1 (Formicidae).]

**Casaleia* in Ponerinae, Amblyoponini: Bolton, 1994: 164.

**Casaleia* in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 155; Dlussky & Putyatina, 2014: 267.

**Casaleia* as genus: all authors since Pagliano & Scaramozzino, 1990: 5.

Junior homonym replaced by **CASALEIA*

**Protamblyopone* Dlussky, 1981b: 65. Type-species: **Protamblyopone inversa* Dlussky, 1981b: 65, by original designation.

Taxonomic history

[Junior homonym of *Protamblyopone* Wheeler, W.M. 1927c: 1 (Formicidae).]

**Protamblyopone* in Ponerinae, Amblyoponini: Dlussky, 1981b: 65; Hölldobler & Wilson, 1990: 10.

**Casaleia catalogue*: Bolton, 1995b: 134.

****Casaleia* references:** Dlussky & Wedmann, 2012: 727 (diagnosis); Dlussky & Putyatina, 2014: 267 (diagnosis, compression fossils).

Genus *CONCOCTIO*

Concoctio Brown, 1974d: 29. Type-species: *Concoctio concentra* Brown, 1974d: 30, by original designation.

Taxonomic history

Concoctio in Ponerinae, Amblyoponini: Brown, 1974d: 30.

Concoctio in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 155.

Concoctio as genus: all authors.

**Concoctio* catalogue: Bolton, 1995b: 146.

Genus **MYOPOPONE**

Myopopone Roger, 1861a: 49. Type-species: *Myopopone maculata* Roger, 1861a: 50 (junior synonym of *Amblyopone castaneus* Smith, F. 1860b: 105), by subsequent designation of Bingham, 1903: 33.

Taxonomic history

Myopopone in Ponerinae: Mayr, 1862: 714 [Poneridae]; Mayr, 1865: 16 [Poneridae]; Dalla Torre, 1893: 15.

Myopopone in Amblyoponinae: Forel, 1893a: 162.

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

Myopopone in Ponerinae, Amblyoponini: Emery, 1895j: 766; Emery, 1901a: 34; Wheeler, W.M. 1910g: 134; Emery, 1911d: 26; Forel, 1917: 235; Wheeler, W.M. 1922a: 641; all subsequent authors to the following.

Myopopone in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 155.

Myopopone as genus: all authors.

Myopopone catalogues: Roger, 1863b: 20; Mayr, 1863: 430; Dalla Torre, 1893: 15; Emery, 1911d: 26; Chapman & Capco, 1951: 22 (Asia); Taylor & Brown, D.R. 1985: 35 (Australia); Bolton, 1995b: 270.

Myopopone references: Mayr, 1865: 16 (diagnosis); Mayr, 1867a: 90 (diagnosis); Bingham, 1903: 33 (India, Sri Lanka & Burma species key); Emery, 1911d: 26 (diagnosis); Brown, 1960a: 170 (review of genus); Shattuck, 1999: 191 (Australia synopsis).

Genus **MYSTRIUM**

Mystrium Roger, 1862a: 245. Type-species: *Mystrium mysticum* Roger, 1862a: 247, by monotypy.

Taxonomic history

Mystrium in Ponerinae: Mayr, 1862: 715 [Poneridae]; Mayr, 1865: 16 [Poneridae]; Dalla Torre, 1893: 15.

Mystrium in Amblyoponinae: Forel, 1893a: 162.

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

Mystrium in Ponerinae, Amblyoponini: Emery, 1895j: 766; Emery, 1901a: 34; Wheeler, W.M. 1910g: 134; Emery, 1911d: 22; Forel, 1917: 235; Wheeler, W.M. 1922a: 640; all subsequent authors to the following.

Mystrium in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 155.

Mystrium as genus: all authors.

***Mystrium* catalogues:** Roger, 1863b: 20; Mayr, 1863: 436; Dalla Torre, 1893: 15; Emery, 1911d: 22; Wheeler, W.M. 1922a: 758, 1006 (Afrotropical, Malagasy); Taylor & Brown, D.R. 1985: 35 (Australia); Taylor, 1987a: 47 (Australia); Bolton, 1995b: 287.

***Mystrium* references:** Mayr, 1865: 16 (diagnosis); Emery, 1911d: 22 (diagnosis); Menozzi, 1929d: 518 (diagnosis, all species revision, key); Brown, 1960a: 169 (review of genus); Bolton, 1995a: 1051 (census); Gronenberg, Hölldobler & Alpert, 1998: 241 (mandible morphology); Shattuck, 1999: 192 (Australia synopsis); Bihn & Verhaagh, 2007: 11 (**Indo-Australia species key**); Yoshimura & Fisher, 2012a: 16 (male diagnosis); Yoshimura & Fisher, 2014: 16 (**Malagasy species key**).

Genus **ONYCHOMYRMEX**

Onychomyrmex Emery, 1895g: 349. Type-species: *Onychomyrmex hedleyi* Emery, 1895g: 350, by monotypy.

Taxonomic history

Onychomyrmex in Ponerinae, Onychomyrmicini: Ashmead, 1905b: 382.

Onychomyrmex in Ponerinae, Ponerini: Wheeler, W.M. 1910g: 135; Emery, 1911d: 96 [subtribe Onychomyrmicini]; Donisthorpe, 1943f: 678.

Onychomyrmex in Ponerinae, Amblyoponini: Forel, 1917: 235; Brown, 1960a: 178; all subsequent authors to the following.

Onychomyrmex in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 156.

Onychomyrmex as genus: all authors.

***Onychomyrmex* catalogues:** Emery, 1911d: 96; Taylor & Brown, D.R. 1985: 36; Taylor, 1987a: 50; Bolton, 1995b: 300.

***Onychomyrmex* references:** Emery, 1911d: 96 (diagnosis); Wheeler, W.M. 1916a: 46 (diagnosis, species); Emery, 1919c: 104 (notes); Brown, 1960a: 178, 180 (**review of genus, key**); Shattuck, 1999: 195 (synopsis).

Genus **OPAMYRMA**

Opamyrma Yamane, Bui & Eguchi, 2008: 56. Type-species: *Opamyrma hungvuong* Yamane, Bui & Eguchi, 2008: 57, by original designation.

Taxonomic history

Opamyrma in Amblyoponinae: Yamane, Bui & Eguchi, 2008: 55.

Opamyrma as genus: all authors.

Genus **PRIONOPELTA**

Prionopelta Mayr, 1866a: 503. Type-species: *Prionopelta punctulata* Mayr, 1866a: 505, by monotypy.

Taxonomic history

Prionopelta in Ponerinae: Dalla Torre, 1893: 15.

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

Prionopelta in Ponerinae, Proceratiini: Ashmead, 1905b: 382.

Prionopelta in Ponerinae, Ectatommini: Emery, 1911d: 32 [subtribe Typhlomyrmecini]; Forel, 1917: 236; Wheeler, W.M. 1922a: 642.

Prionopelta in Ponerinae, Amblyoponini: Emery, 1895j: 766; Wheeler, W.M. 1910g: 134; Brown, 1953c: 11; Brown, 1960a: 173; all subsequent authors to the following.

Prionopelta in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 156.

Prionopelta as genus: all authors.

Junior synonyms of **PRIONOPELTA**

Renea Donisthorpe, 1947d: 183. Type-species: *Renea testacea* Donisthorpe, 1947d: 183 (junior synonym of *Prionopelta majuscula* Emery, 1897c: 595), by original designation.

Taxonomic history

Renea as genus: Donisthorpe, 1947d: 183; Chapman & Capco, 1951: 77.

Renea as junior synonym of *Prionopelta*: Brown, 1953c: 11.

Exambyopone Donisthorpe, 1949g: 401. Type-species: *Exambyopone churchilli* Donisthorpe, 1949g: 401 (junior synonym of *Prionopelta majuscula* Emery, 1897c: 595), by original designation.

Taxonomic history

Exambyopone as junior synonym of *Prionopelta*: Brown, 1951: 102.

Prionopelta catalogues: Dalla Torre, 1893: 15; Emery, 1911d: 32; Chapman & Capco, 1951: 26 (Asia); Kempf, 1972a: 210 (Neotropical); Smith, D.R. 1979: 1335 (North America); Taylor & Brown, D.R. 1985: 39 (Australia); Taylor, 1987a: 64 (Australia & New Caledonia); Bolton, 1995b: 364.

Prionopelta references: Forel, 1909a: 242 (New World species key); Emery, 1911d: 32 (diagnosis); Wilson, 1958a: 146 (Melanesia species key); Brown, 1960a: 173 (review of genus, **Neotropical species key**: 218, **Indo-Australian species key**: 221); Terron, 1974: 105 (Afrotropical species synopsis); Bolton, 1995a: 1052 (census); Shattuck, 1999: 201 (Australia synopsis); Shattuck, 2008b: 22 (**Indo-Pacific species revision, key**); Arias-Penna, 2008a: 48 (**Neotropical species key**); Yoshimura & Fisher, 2012a: 16 (male diagnosis).

Genus **STIGMATOMMA**

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.

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.

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

Stigmatomma as genus: Roger, 1859: 250; Dalla Torre, 1893: 14; Emery, 1895j: 766; Bingham, 1903: 36; Emery, 1911d: 23; Forel, 1917: 235; Wheeler, W.M. 1922a: 641; Borgmeier, 1923: 52; Donisthorpe, 1943g: 728; Creighton, 1950a: 31; Kusnezov, 1956: 12.

Stigmatomma as junior synonym of *Amblyopone*: Emery & Forel, 1879: 455; Mayr, 1887: 546; Brown, 1960a: 155; all subsequent authors to the following.

Stigmatomma as genus: Yoshimura & Fisher, 2012a: 17.

Junior synonyms of **STIGMATOMMA**

Arotropus Provancher, 1881a: 205. Type-species: *Arotropus binodosus* Provancher, 1881a: 206 (junior synonym of *Typhlopone pallipes* Haldeman, 1844: 54), by monotypy.

Taxonomic history

Arotropus as junior synonym of *Amblyopone*: Provancher, 1887: 240; Brown, 1960a: 155.

Arotropus as junior synonym of *Stigmatomma*: Dalla Torre, 1893: 14; Yoshimura & Fisher, 2012a: 17.

Fulakora Mann, 1919: 279 [as subgenus of *Stigmatomma*]. Type-species: *Stigmatomma (Fulakora) celata* Mann, 1919: 279, by original designation.

Taxonomic history

Fulakora as junior synonym of *Amblyopone*: Brown, 1960a: 155.

Fulakora as junior synonym of *Stigmatomma*: Brown, 1949c: 88; Yoshimura & Fisher, 2012a: 17.

Lithomyrmex Clark, 1928a: 30. Type-species: *Lithomyrmex glauerti* Clark, 1928a: 31, by original designation.

Taxonomic history

Lithomyrmex in Ponerinae, Amblyoponini: Clark, 1928a: 30.

Lithomyrmex as junior synonym of *Amblyopone*: Brown, 1960a: 156.

Lithomyrmex as junior synonym of *Stigmatomma*: Yoshimura & Fisher, 2012a: 17.

Ericapelta Kusnezov, 1955: 273. Type-species: *Ericapelta egregia* Kusnezov, 1955: 274, by monotypy.

Taxonomic history

Ericapelta as junior synonym of *Amblyopone*: Brown, 1960a: 156.

Ericapelta as junior synonym of *Stigmatomma*: Yoshimura & Fisher, 2012a: 17.

Stigmatomma catalogues: Roger, 1863b: 20; Mayr, 1863: 454; 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*).

Stigmatomma references: 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*)).

Genus **XYMMER**

Xymmer Santschi, 1914d: 311 [as subgenus of *Stigmatomma*]. Type-species: *Stigmatomma (Xymmer) muticum* Santschi, 1914d: 311, by monotypy.

Taxonomic history

Xymmer as subgenus of *Stigmatomma*: Santschi, 1914d: 311; Forel, 1917: 235; Emery, 1919c: 106; Donisthorpe, 1943g: 737.

Xymmer as genus: Wheeler, W.M. 1922a: 641 (in key).

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.

Xymmer as genus: Yoshimura & Fisher, 2012a: 19.

[*Ximmer*: incorrect subsequent spelling by Emery, 1919c: 106.]

Xymmer catalogue: Wheeler, W.M. 1922a: 758.

Genus *incertae sedis* in AMBLYOPONINAE

Genus PARAPRIONOPELTA

Paraprionopelta Kusnezov, 1955: 270. Type-species: *Paraprionopelta minima* Kusnezov, 1955: 271, by monotypy.

Taxonomic history

Paraprionopelta incertae sedis in Ponerinae, Amblyoponini: Brown, 1960a: 181.

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

Paraprionopelta in Ponerinae, Amblyoponini: Kempf, 1972a: 181; Jaffe, 1993: 7; Bolton, 1994: 164.

Paraprionopelta as junior synonym of *Amblyopone*: Brown, 1973b: 183 [provisional].

Paraprionopelta incertae sedis in Amblyoponinae, Amblyoponini: Bolton, 2003: 42, 156.

Paraprionopelta as genus: all authors.

Paraprionopelta catalogues: Kempf, 1972a: 181; Bolton, 1995b: 312.

Paraprionopelta references: Brown, 1960a: 181 (review of genus).

SUBFAMILY PONERINAE

Subfamily PONERINAE

Ponerites Lepeletier de Saint-Fargeau, 1835: 185. Type-genus: *Ponera* Latreille, 1804: 179.

Taxonomic history

Ponerinae as group name: Lepeletier de Saint-Fargeau, 1835: 185 [Ponérites].

Ponerinae as family: Smith, F. 1851: 6 [Poneridae]; Smith, F. 1858b: 76 [Poneridae]; Smith, F. 1861b: 44 [Poneridae]; Smith, F. 1871a: 320 [Poneridae]; André, 1882a: 125 [Poneridae]; Cresson, 1887: 93 [Poneridae]; Emery, 1894g: 379 [Poneridae]; Saunders, 1896: 18 [Poneridae]; Ashmead, 1905b: 382 [Poneridae]; Novák & Sadil, 1941: 70 [Poneridae]; Bernard, 1951: 1042 [Poneridae]; Bernard, 1953b: 185 [Poneridae].

Ponerinae as tribe of Formicidae: André, 1874: 167 [Poneridae].

Ponerinae as subfamily of Poneridae: Ashmead, 1905b: 382.

Ponerinae as subfamily of Formicidae: Mayr, 1855: 289, 299 [Poneridae]; Mayr, 1861: 21 [Poneridae]; Mayr, 1862: 712 [Poneridae]; Smith, F. 1857a: 64 [Poneridae]; Smith, F. 1862b: 31 [Poneridae]; Mayr, 1865: 11 [Poneridae]; Mayr, 1868c: 24 [Poneridae]; Forel, 1870: 307 [Poneridae]; Forel, 1874: 21 [Poneridae]; Emery, 1877a: 70 [Poneridae]; Forel, 1878: 366 [Poneridae]; Emery & Forel, 1879a: 455 [Poneridae]; André, 1881b: 64 [Poneridae]; Forel, 1892j: 220 [Poneridae]; Dalla Torre, 1893: 13; Forel, 1893a: 162; Forel, 1895b: 111 [Poneridae]; Nasonov, 1889: 27 [Poneridae]; Emery, 1895j: 766 [subfamily spelled Ponerini]; Emery, 1896e: 176; Forel, 1899c: 2; Emery, 1901a: 36; Bingham, 1903: 23; Ruzsky, 1905b: 174; Wheeler, W.M. 1910g: 134; Emery, 1911d: 2; Wheeler, 1915g: 805 [Ponerides]; Donisthorpe, 1915d: 65; Wheeler, W.M. 1915h: 25; Arnold, 1915: 9; Escherich, 1917: 2 [Ponerini]; Forel, 1917: 235; Bondroit, 1918: 78 [Poneritae]; Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 56, 632, 640; Borgmeier, 1923: 37; Karavaiev, 1934: 49; Clark, 1951: 15; Brown, 1954e: 24; Wheeler, G.C. & Wheeler, J. 1972a: 39; Brown, 1973b: 165; all subsequent authors.

Ponerinae as poneromorph subfamily of Formicidae: Bolton, 2003: 42, 156.

Ponerinae as poneroid subfamily of Formicidae: Ouellette, Fisher, *et al.* 2006: 365; Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell *et al.* 2006: 102; Ward, 2007a: 555.

Ponerinae references, world: Smith, F. 1858b: 76 (diagnosis); Mayr, 1862: 712 (genera key); Mayr, 1865: 11 (Odontomachidae, Poneridae diagnoses), Mayr, 1867a: 79, 81 (Odontomachidae, Poneridae diagnoses); Forel, 1878: 366 (diagnosis); Dalla Torre, 1893: 13 (catalogue); Emery, 1895j: 766 (diagnosis); Emery, 1896e: 176 (genera key); Handlirsch, 1907: 879 (*fossil taxa catalogue); Wheeler, W.M. 1910g: 134 (diagnosis); Emery, 1911d: 3 (diagnosis, tribes key); Forel, 1917: 235 (synoptic classification); Forel, 1921c: 133 (diagnosis); Wheeler, W.M. 1922a: 56, 636 (diagnosis, tribes key); Brown & Nutting, 1950: 124 (venation, phylogeny); Brown, 1954e: 24 (phylogeny); Eisner, 1957: 475 (proventriculus morphology); Bernard, 1967: 79 (diagnosis); Gotwald, 1969: 25 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 39 (diagnosis); Brown, 1973b: 165 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 48 (larvae, review & synthesis); Snelling, R.R. 1981: 387 (synoptic classification); Wheeler, G.C. & Wheeler, J. 1985: 256 (synoptic classification); Billen, 1986: 168 (Dufour's gland); Fanfani & Dazzini Valcurone, 1986: 115 (exocrine glands synopsis); Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Hölldobler & Wilson, 1990: 9 onward (synoptic classification, genera keys); Baroni Urbani, Bolton & Ward, 1992: 317 (phylogeny); Bolton, 1994: 153 (diagnosis, synoptic classification, genera keys); Bolton, 1995a: 1042 (census); Bolton, 1995b: 14 (catalogue); Grimaldi, Agosti & Carpenter, 1997: 20 (*Cretaceous genera); Dlussky & Rasnitsyn, 2002: 422 (diagnosis for wingless fossils); Bolton, 2003: 42, 156 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Moreau, Bell *et al.* 2006: 102

(phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny); Schmidt, C. 2013: 201 (molecular, phylogeny); Schmidt & Shattuck, 2014: 18, 24, 36 (**revision of world genera, keys to New World, Afrotropical and Malagasy, Eurasian and Australian**).

Regional and national faunas with keys: Mayr, 1861: 28 (Europe); Mayr, 1868c: 69 (*Baltic Amber); André, 1874: 170 (Europe); Forel, 1874: 29 (Switzerland); André, 1882b: 227 (Europe & Algeria); Cresson, 1887: 97 (U.S.A., genera); Provancher, 1887: 238 (Canada); Nasonov, 1889: 54 (Russia); Forel, 1891b: 9 (Madagascar genera); Forel, 1900c: 52 (India & Sri Lanka); Bingham, 1903: 23 (India, Sri Lanka & Burma); Ruzsky, 1905b: 108 (Russian Empire); Wheeler, W.M. 1910g: 557 (North America genera); Bondroit, 1910: 489 (Belgium); Stitz, 1914: 54 (Central Europe); Gallardo, 1915: 31 (Argentina genera); Forel, 1915d: 6 (Switzerland); Arnold, 1915: 10 (South Africa); Donisthorpe, 1915d: 65 (Britain); Emery, 1916b: 98 (Italy); Wheeler, W.M. 1916m: 580 (U.S.A., Connecticut); Bondroit, 1918: 79 (France & Belgium); Gallardo, 1918b: 4 (Argentina); Soudek, 1922: 18 (Czechoslovakia); Stärcke, 1926: 82 (Netherlands); Donisthorpe, 1927b: 68 (Britain); Menozzi & Russo, 1930: 169 (Dominican Republic); Arnol'di, 1933b: 596 (Russia); Karavaiev, 1934: 50 (Ukraine); Smith, M.R. 1937: 823 (Puerto Rico); Stitz, 1939: 58 (Germany); Smith, M.R. 1943f: 278 (U.S.A. males); Buren, 1944a: 279 (U.S.A., Iowa); Smith, M.R. 1947f: 530 (U.S.A. genera); Creighton, 1950a: 31 (Nearctic); Kusnezov, 1956: 11 (Argentina); Brown, 1958h: 11 (New Zealand); Gregg, 1963: 280 (U.S.A., Colorado); Bernard, 1967: 80 (Western Europe); Wilson & Taylor, 1967: 10 (Polynesia); Kempf, 1972a: 262 (Neotropical synoptic classification); Bolton, 1973a: 323 (West Africa genera); Bolton & Collingwood, 1975: 3 (Britain); Boven, 1977: 66 (Belgium); Kutter, 1977c: 21 (Switzerland); Arnol'di & Dlussky, 1978: 522 (former European U.S.S.R.); Collingwood, 1978: 74 (Iberian Peninsula); Collingwood, 1979: 29 (Fennoscandia & Denmark); Greenslade, 1979: 14 (South Australia genera); Francoeur, 1979: 30 (Canada, Québec); Schembri & Collingwood, 1981: 417 (Malta); Allred, 1982: 438 (U.S.A., Utah); Baroni Urbani, 1984: 75 (Neotropical genera); Collingwood, 1985: 236 (Saudi Arabia); Wheeler, G.C. & Wheeler, J. 1986g: 17 (U.S.A., Nevada); Agosti & Collingwood, 1987b: 264 (Balkans); Ogata, 1987: 101 (Japan genera); Morisita, Kubota, *et al.* 1989: 8 (Japan); Dlussky, Soyunov & Zabelin, 1990: 173 (Turkmenistan); Kupyanskaya, 1990: 85 (Far Eastern Russia); Atanasov & Dlussky, 1992: 51 (Bulgaria); Lattke, in Jaffe, 1993: 166 (Neotropical genera); Arakelian, 1994: 10 (Armenia); Wu, J. & Wang, 1995: 31 (China genera); Collingwood & Agosti, 1996: 308 (Saudi Arabia); Seifert, 1996b: 107 (Central Europe); Collingwood & Prince, 1998: 10 (Portugal); Kim, Kim & Kim, 1998: 145 (Korea); Shattuck, 1999: 52, 179 (Australia genera synopsis); Andersen, 2000: 19 (northern Australia genera); Zhou, 2001b: 22 (China, Guangxi); Czechowski, Radchenko & Czechowska, 2002: 133 (Poland); Aktaç & Radchenko, 2002: 53 (Turkey genera); Yoshimura & Onoyama, 2002: 436 (Japan genera, males); Mackay & Mackay, 2002: 27 (U.S.A., New Mexico); Csösz, 2003: 147 (Carpathian Basin); Palacio & Fernández, in Fernández, 2003d: 256 (Neotropical genera); Radchenko, 2005b: 184 (North Korea); Coovert, 2005: 23 (U.S.A., Ohio); Yoshimura & Fisher, 2007: 27 (Malagasy genera, males); Clouse, 2007b: 190 (Micronesia); Seifert, 2007: 108 (North and Central Europe); Bolton & Fisher, 2008c: 32 (Afrotropical genera); Fernández & Arias-Penna, 2008: 32 (Neotropical genera); Dlussky, 2009: 1071 (Eocene amber); Terayama, 2009: 101 (Taiwan genera); Heterick, 2009: 34 (south-western Australia genera); Boer, 2010: 68 (Benelux); General & Alpert, 2012: 76 (Philippines genera key).

Tribes of Ponerinae: Platythyreini, Ponerini.

Genera (extinct) *incertae sedis* in Ponerinae: **Afropone*, **Eogorgites*, **Eoponerites*, **Furcisutura*, **Longicapitia*.

Tribe PLATYTHYREINI

Platythyrei Emery, 1901a: 36. Type-genus: *Platythyrea* Roger, 1863a: 172.

Taxonomic history

Platythyreini as tribe of Ponerinae: Emery, 1901a: 36 [Platythyrei]; Emery, 1911d: 28; Wheeler, W.M. 1915h: 36; Arnold, 1915: 22; Forel, 1917: 237; Wheeler, W.M. 1922a: 638; all subsequent authors.

Genus of Platythyreini: *Platythyrea*.

Genus PLATYTHYREA

Platythyrea Roger, 1863a: 172. Type-species: *Pachycondyla punctata* Smith, F. 1858b: 108, by subsequent designation of Bingham, 1903: 73.

Taxonomic history

Platythyrea in Ponerinae: Mayr, 1865: 14 [Poneridae]; Dalla Torre, 1893: 27.

Platythyrea in Ponerinae, Ponerini: Forel, 1899c: 3; Forel, 1900d: 314; Wheeler, W.M. 1910g: 135.

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

Platythyrea in Ponerinae, Platythyreini: Emery, 1911d: 28; Wheeler, W.M. 1915h: 36; Arnold, 1915: 22; Forel, 1917: 237; Wheeler, W.M. 1922a: 641; all subsequent authors.

Platythyrea as genus: all authors.

Junior synonym of PLATYTHYREA

Eubothroponera Clark, 1930c: 8. Type-species: *Eubothroponera dentinodis* Clark, 1930c: 9, by original designation.

Taxonomic history

Eubothroponera in Ponerinae, Ponerini: Donisthorpe, 1943f: 644.

Eubothroponera in Ponerinae, Platythyreini: Brown, 1952k: 2.

Eubothroponera as junior synonym of *Platythyrea*: Brown, 1975: 6; Taylor & Brown, D.R. 1985: 37; Schmidt & Shattuck, 2014: 48.

Platythyrea catalogues: Roger, 1863b: 17; Mayr, 1863: 442; Dalla Torre, 1893: 27; Emery, 1911d: 28; Wheeler, W.M. 1922a: 758, 1007 (Afrotropical & Malagasy catalogues); Chapman & Capco, 1951: 47 (Asia); Smith, M.R. 1951a: 783 (North America); Kempf, 1972a: 206 (Neotropical); Smith, D.R. 1979:

1336 (North America); Taylor & Brown, D.R. 1985: 37 (Australia); Taylor, 1987a: 56 (Australia); Brandão, 1991: 371 (Neotropical); Bolton, 1995b: 336; Schmidt & Shattuck, 2014: 51 (checklist).

Platythyrea references: Mayr, 1865: 14 (diagnosis); Forel, 1900d: 314 (India & Sri Lanka species key); Bingham, 1903: 74 (India, Sri Lanka & Burma species key); Emery, 1911d: 28 (diagnosis); Arnold, 1915: 22 (diagnosis, South Africa species key); Mann, 1916: 403 (Neotropical species key); Wheeler, W.M. 1922a: 57 (diagnosis); Clark, 1930c: 9 (*Eubothroponera* species key); Brown, 1952k: 1 (diagnosis, genera); Wilson, 1958a: 150 (Melanesia & Moluccas species revision, key); Brown, 1975: 6 (diagnosis, all species revision; Africa species key: 9; Madagascar species key: 10; Indo-Australia species key: 10; New World species key: 10); Wheeler, G.C. & Wheeler, J. 1976b: 48 (larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 10 (synoptic classification); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1052 (census); Shattuck, 1999: 198 (Australia synopsis); Bolton, 2003: 44, 171 (diagnosis, synopsis); Fernández, 2008: 207 (Neotropical species key); Heterick, 2009: 136 (south-western Australia species key); Schmidt & Shattuck, 2014: 48 (diagnosis, synopsis).

Tribe PONERINI

Ponerites Lepeletier de Saint-Fargeau, 1835: 185. Type-genus: *Ponera* Latreille, 1804: 179.

Taxonomic history

Ponerini as group name: Lepeletier de Saint-Fargeau, 1835: 185 [Ponérites].

Ponerini as tribe of Poneridae: Forel, 1895b: 111 [Poneri].

Ponerini as tribe of Ponerinae: Forel, 1893a: 163 [Ponerii]; Emery, 1895j: 767 [Ponerii]; Forel, 1899c: 2 [Ponerii]; Emery, 1901a: 36 [Ponerii]; Ruzsky, 1905b: 174 [Ponerii]; Wheeler, W.M. 1910g: 135 [Ponerii]; Ashmead, 1905b: 382; Emery, 1911d: 54; Wheeler, W.M. 1915h: 27; Arnold, 1915: 36; Forel, 1917: 237; Gallardo, 1918b: 7; Wheeler, W.M. 1922a: 638, 646; all subsequent authors.

Junior synonyms of PONERINI

Odontomachidae Mayr, 1862: 708. Type-genus: *Odontomachus* Latreille, 1804: 179.

Taxonomic history

Odontomachidae as subfamily of Formicidae: Mayr, 1862: 708 [Odontomachidae]; Mayr, 1865: 11 [Odontomachidae]; Clark, 1951: 15 (in key) [Odontomachinae].

Odontomachidae as family: Smith, F. 1871a: 319; Cresson, 1887: 93; Ashmead, 1905b: 382.

Odontomachidae as tribe of Ponerinae: Forel, 1893a: 163 [Odontomachii]; Forel, 1895b: 117 [Odontomachii]; Emery, 1895j: 768 [Odontomachii]; Forel, 1899c: 18 [Odontomachii]; Forel, 1900c: 57 [Odontomachii]; Emery, 1901a: 36 [Odontomachii]; Ruzsky, 1905b: 174 [Odontomachii]; Wheeler, W.M. 1910g: 135 [Odontomachii]; Emery, 1911d: 106

[Odontomachini]; Forel, 1917: 238 [Odontomachini]; Gallardo, 1918b: 6 [Odontomachini]; Wheeler, W.M. 1922a: 636 [Odontomachini]; Chapman & Capco, 1951: 39 [Odontomachini]; Wilson, 1959a: 483 [Odontomachini]; Kusnezov, 1964: 53 [Odontomachini]; Wheeler, G.C. & Wheeler, J. 1976b: 51 [Odontomachini]; Smith, D.R. 1979: 1344 [Odontomachini]; Wheeler, G.C. & Wheeler, J. 1985: 256 [Odontomachini]; Dlussky & Fedoseeva, 1988: 78 [Odontomachini]; Hölldobler & Wilson, 1990: 11 [Odontomachini]; Jaffe, 1993: 8 [Odontomachini].

Odontomachidae as subtribe of Ponerini: Brown, 1976a: 71 [Odontomachiti].

Odontomachidae as junior synonym of Ponerini: Emery & Forel, 1879a: 455; Bolton, 1994: 164; Bolton, 1995b: 14; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Leptogenysii Forel, 1893a: 162. Type-genus: *Leptogenys* Roger, 1861a: 41.

Taxonomic history

Leptogenysii as tribe of Ponerinae: Forel, 1893a: 162; Emery, 1895j: 761 [Leptogenyi]; Forel, 1899c: 17 [Leptogenyi]; Emery, 1901a: 36 [Leptogenyi]; Ashmead, 1905b: 382 [Leptogenyini]; Emery, 1911d: 97 [Leptogenyini]; Arnold, 1915: 88 [Leptogenyini]; Forel, 1917: 238 [Leptogenyini]; Gallardo, 1918b: 6 [Leptogenyini]; Wheeler, W.M. 1922a: 636 [Leptogenyini]; Arnold, 1926: 209 [Leptogenyini]; Bernard, 1953b: 210 [Leptogenyini]; Kusnezov, 1964: 53 [Leptogenyini]; Dlussky & Fedoseeva, 1988: 78 [Leptogenyini].

Leptogenysii as junior synonym of Ponerini: Brown, 1963: 3; Bolton, 1994: 164; Bolton, 1995b: 12; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Harpegnathii Forel, 1900c: 63. Type-genus: *Harpegnathos* Jerdon, 1851: 116.

Taxonomic history

Harpegnathii as tribe of Ponerinae: Forel, 1900c: 63.

Harpegnathii as subtribe of Ponerini: Emery, 1911d: 58 [Harpegnathini]; Forel, 1917: 237 [Harpegnathini].

Harpegnathii as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Thaumatomyrmii Emery, 1901a: 36. Type-genus: *Thaumatomyrmex* Mayr, 1887: 530.

Taxonomic history

Thaumatomyrmecini as tribe of Ponerinae: Emery, 1901a: 36 [Thaumatomyrmii]; Emery, 1911d: 48 [Thaumatomyrmicini]; Forel, 1917: 236 [Thaumatomyrmicini]; Wheeler, W.M. 1922a: 637 [Thaumatomyrmicini]; Wheeler, G.C. & Wheeler, J. 1976b: 45; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Bolton, 1994: 164; Bolton, 2003: 44.

Thaumatomyrmii as junior synonym of Ponerini: Schmidt & Shattuck, 2014: 46, 53.

Drepanognathini Ashmead, 1905b: 382. Type-genus: *Drepanognathus* Smith, F. 1858b: 81 (junior synonym of *Harpegnathos* Jerdon, 1851: 116).

Taxonomic history

Drepanognathini as tribe of Pachycondylinae: Ashmead, 1905b: 382.

Drepanognathini as junior synonym of Harpegnathini: Emery, 1911d: 58.

Drepanognathini as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Pachycondylinae Ashmead, 1905b: 382. Type-genus: *Pachycondyla* Smith, F. 1858b: 105.

Taxonomic history

Pachycondylinae as subfamily of Poneridae: Ashmead, 1905b: 382.

Pachycondylinae as subtribe of Ponerini: Emery, 1911d: 59 [Pachycondylini]; Forel, 1917: 237 [Pachycondylini].

Pachycondylinae as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Euponerinae Emery, 1909c: 355. Type-genus: *Euponera* Forel, 1891b: 126.

Taxonomic history

Euponerinae as group of Ponerinae: Emery, 1909c: 355.

Euponerinae tribe of Ponerinae: Donisthorpe, 1943f: 626 [Euponerini].

Euponerinae as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Centromyrmicini Emery, 1911d: 57. Type-genus: *Centromyrmex* Mayr, 1866b: 894.

Taxonomic history

Centromyrmicini as subtribe of Ponerini: Emery, 1911d: 57; Forel, 1917: 237.

Centromyrmicini as tribe of Ponerinae: Bernard, 1953b: 186.

Centromyrmicini as junior synonym of Ponerini: Brown, 1953c: 9; all subsequent authors.

Plectroctenini Emery, 1911d: 92. Type-genus: *Plectroctena* Smith, F. 1858b: 101.

Taxonomic history

Plectroctenini as subtribe of Ponerini: Emery, 1911d: 92; Forel, 1917: 238.

Plectroctenini as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 158; Schmidt & Shattuck, 2014: 52.

Dorylozelini Wheeler, W.M. 1922a: 646. Type-genus: *Dorylozelus* Forel, 1915b: 24 (junior synonym of *Leptogenys* Roger, 1861a: 41).

Taxonomic history

Dorylozelini as tribe of Ponerinae: Wheeler, W.M. 1922a: 646.

Dorylozelini as junior synonym of Ponerini: Taylor, 1969: 132; all subsequent authors.

Pseudoneoponerini Chapman & Capco, 1951: 77 (attributed to Donisthorpe). Type-genus: *Pseudoneoponera* Donisthorpe, 1943d: 439.

Taxonomic history

Pseudoneoponerini as tribe of Ponerinae: Chapman & Capco, 1951: 77.

Pseudoneoponerini as junior synonym of Ponerini: Bolton, 2003: 43, 159; Schmidt & Shattuck, 2014: 52.

***Archiponerini** Dlussky & Fedoseeva, 1988: 78. Type-genus: **Archiponera* Carpenter, 1930: 27.

Taxonomic history

*Archiponerini as tribe of Ponerinae: Dlussky & Fedoseeva, 1988: 78.

*Archiponerini as junior synonym of Ponerini: Bolton, 1994: 164; Bolton, 2003: 43, 159; Schmidt & Shattuck, 2014: 52.

Ponerini references: Emery, 1895j: 767, 768 (Ponerini, Odontomachini diagnoses); Wheeler, W.M. 1910g: 135 (diagnosis); Emery, 1911d: 54 (Ponerini diagnosis, subtribe & genera key); Emery, 1911d: 57, 58, 59, 87, 92 (subtribes Centromyrmicini, Harpegnathini, Pachycondylini, Ponerini & Plectroctenini, diagnoses); Emery, 1911d: 97, 106 (tribes Leptogenyini, Odontomachini, diagnoses); Arnold, 1915: 36 (South Africa genera key); Arnold, 1915: 88, 102 (Leptogenyini, Odontomachini diagnoses); Forel, 1917: 237 (synoptic classification); Gallardo, 1918b: 46 (Argentina, key); Wheeler, W.M. 1922a: 632, 652, 653 (Ponerini, Leptogenyini & Odontomachini, genera keys); Wheeler, W.M. 1922a: 762, 786, 790 (Afrotropical Ponerini, Leptogenyini & Odontomachini catalogues); Wheeler, W.M. 1922a: 1007 (Malagasy Ponerini, Leptogenyini & Odontomachini catalogues); Brown, 1976a: 71, 96 (Odontomachiti diagnosis, genera key); Wheeler, G.C. & Wheeler, J. 1976b: 50, 51 (Ponerini, Odontomachini larvae, review & synthesis); Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Hölldobler & Wilson, 1990: 10 (synoptic classification); Brandão, 1991: 389 (Neotropical, synoptic classification); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1042 (census); Bolton, 1995b: 15 (catalogue); Hölldobler, Obermayer & Peeters, 1996: 159 (metatibial gland); Bolton & Brown, 2002: 2 (*Plectroctena* genus group); Bolton, 2003: 43, 158 (diagnosis, synopsis); Dlussky & Wedmann, 2012: 746 (Germany Eocene fossils key); Schmidt & Shattuck, 2014: 53 (diagnosis, synopsis).

Genera (extant) of Ponerini: *Anochetus*, *Asphinctopone*, *Austroponera*, *Belonopelta*, *Boloponera*, *Bothroponera*, *Brachyponera*, *Buniapone*, *Centromyrmex*, *Cryptopone*, *Diacamma*, *Dinoponera*, *Dolioponera*, *Ectomomyrmex*, *Emeryopone*, *Euponera*, *Feroponera*, *Fisheropone*, *Hagensia*, *Harpegnathos*, *Hypoponera*, *Iroponera*, *Leptogenys*, *Loboponera*, *Mayaponera*, *Megaponera*, *Mesoponera*, *Myopias*, *Neoponera*, *Odontomachus*, *Odontoponera*, *Ophthalmopone*, *Pachycondyla*, *Paltothyreus*, *Parvaponera*, *Phrynoponera*, *Plectroctena*, *Ponera*, *Promyopias*, *Psalidomyrmex*, *Pseudoneoponera*, *Pseudoponera*, *Rasopone*, *Simopelta*, *Strebognathus*, *Thaumatomyrmex*.

Genera (extinct) incertae sedis in Ponerini: **Archiponera*, **Cephalopone*, **Cyrtopone*, **Messelepone*, **Ponerites*, **Protopone*.

Genera of Ponerini

Genus ANOCHETUS

Anochetus Mayr, 1861: 53. Type-species: *Odontomachus ghilianii* Spinola, 1851b: 55, by monotypy.

Taxonomic history

Anochetus in Formicidae, Odontomachidae: Mayr, 1862: 712; Mayr, 1865: 11.

Anochetus in Odontomachidae: Ashmead, 1905b: 382.

Anochetus in Ponerinae: Mayr, 1861: 53 [Poneridae]; Emery & Forel, 1879a: 455 [Poneridae]; Dalla Torre, 1893: 47.

Anochetus in Ponerinae, Odontomachini: Forel, 1893a: 163; Emery, 1895j: 768; Forel, 1899c: 18; Wheeler, W.M. 1910g: 136; Emery, 1911d: 106; Arnold, 1915: 103; Forel, 1917: 238; Gallardo, 1918b: 89; Wheeler, W.M. 1922a: 653; Donisthorpe, 1943f: 623; Chapman & Capco, 1951: 31; Wilson, 1959a: 483; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 11; Jaffe, 1993: 8.

Anochetus in Ponerinae, Ponerini: Brown, 1976a: 71; Brown, 1978c: 550 [subtribe Odontomachiti]; Bolton, 1994: 164; Bolton, 2003: 159.

Anochetus in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 65.

Anochetus as genus: all authors.

Junior synonyms of ANOCHETUS

Stenomyrmex Mayr, 1862: 711. Type-species: *Myrmecia emarginata* Fabricius, 1804: 426, by subsequent designation of 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 subgenus of *Anochetus*: Dalla Torre, 1893: 47; Forel, 1893a: 163; Dalla Torre, 1893: 47; 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: 382; Brown, 1978c: 552; all subsequent authors.

Myrmapatetes Wheeler, W.M. 1929b: 6. Type-species: *Myrmapatetes filicornis* Wheeler, W.M. 1929b: 6, by original designation.

Taxonomic history

Myrmapatetes in Dolichoderinae: Wheeler, W.M. 1929b: 7; Chapman & Capco, 1951: 186.

Myrmapatetes as junior synonym of *Anochetus*: Brown, 1953h: 2; all subsequent authors.

Anochetus catalogues: Roger, 1863b: 21, 22 (*Anochetus*, *Stenomyrmex*); Mayr, 1863: 394, 454 (*Anochetus*, *Stenomyrmex*); Emery & Forel, 1879: 455 (Europe); Dalla Torre, 1893: 47; Emery, 1911d: 107; Wheeler, W.M. 1922a: 790, 1012 (Afrotropical, Malagasy); Chapman & Capco, 1951: 39 (Asia); Kempf, 1972a: 20 (Neotropical); Taylor & Brown, D.R. 1985: 20 (Australia); Taylor, 1987a: 7 (Australia); Brandão, 1991: 324 (Neotropical); Bolton, 1995b: 63; Schmidt & Shattuck, 2014: 68 (checklist).

Anochetus references: Mayr, 1865: 11 (*Anochetus*, *Stenomyrmex* diagnoses); André, 1882b: 230 (Europe & Algeria species); Emery, 1884a: 378 (all species key); Emery, 1894c: 185 (Neotropical species key); Forel, 1900c: 58 (India & Sri Lanka species key); Bingham, 1903: 39 (India, Sri Lanka & Burma species key); Emery, 1911d: 107 (diagnosis); Arnold, 1915: 103 (South Africa species key); Gallardo, 1918b: 90 (Argentina species key); Mann, 1919: 303 (New Guinea & Solomon Is species key); Wheeler, W.M. 1922a: 96 (diagnosis); Wheeler, W.M. 1925a: 9 (*Stenomyrmex* species key); Wilson, 1959a: 503 (Melanesia & Moluccas species, revision, key); Kempf, 1964f: 244 (A. (*Stenomyrmex*) species key); Brown, 1978c: 550 (diagnosis, review of genus, **all species revision; Asia, Melanesia & Pacific region species key**: 565; **Australia species key**: 569; **Africa, Spain & Madagascar species key**: 569; **Neotropical species key**: 571); Terayama, 1989a: 26 (Taiwan species key); Wang, M. 1993a: 226 (China species key); De Andrade, 1994: 24 (*Dominican Amber species key); Bolton, 1995a: 1048 (census); Gronenberg & Ehmer, 1996: 183 (mandible morphology); Collingwood & Agosti, 1996: 309 (Saudi Arabia species key); Shattuck, 1999: 181 (Australia synopsis); Zhou, 2001b: 29 (China, Guangxi species key); Kugler, J. & Ionescu, 2007: 298 (Mediterranean & Middle East species key); Fisher & Smith, 2008: 4 (**Malagasy species revision, key**); González-Campero & Elizalde, 2008: 98 (Argentina & Paraguay species key); Zabala, in Fernández, 2008: 125 (**Neotropical species key**); Terayama, 2009: 117 (Taiwan species key); Shattuck & Slipinska, 2012: 5 (**Australia species key**); Bharti & Wachkoo, 2013: 141 (India species key); Schmidt & Shattuck, 2014: 65 (diagnosis, synopsis).

Genus **ASPHINCTOPONE**

Asphinctopone Santschi, 1914d: 318. Type-species: *Asphinctopone silvestrii* Santschi, 1914d: 318, by monotypy.

Taxonomic history

Asphinctopone in Ponerinae, Euponerini: Donisthorpe, 1943f: 626.

Asphinctopone in Ponerinae, Ponerini: Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors except the above.

Asphinctopone in Ponerinae, Ponerini, *incertae sedis* in *Odontomachus* genus group: Schmidt & Shattuck, 2014: 70.

Asphinctopone as genus: all authors.

Junior synonym of **ASPHINCTOPONE**

Lepidopone Bernard, 1953b: 207. Type-species: *Lepidopone lamottei* Bernard, 1953b: 208 (junior synonym of *Asphinctopone silvestrii* Santschi, 1914d: 318), by monotypy.

Taxonomic history

Lepidopone in Ponerinae, Ponerini: Bernard, 1953b: 207.

Lepidopone as junior synonym of *Asphinctopone*: Brown, 1953h: 2.

Asphinctopone catalogues: Wheeler, W.M. 1922a: 783; Bolton, 1995b: 75; Schmidt & Shattuck, 2014: 72 (checklist).

Asphinctopone references: Dlussky & Fedoseeva, 1988: 78 (synoptic classification); Bolton, 1995a: 1048 (census); Bolton & Fisher, 2008a: 57 (**all species revision, key**); Hawkes, 2010: 28 (**all species key**); Schmidt & Shattuck, 2014: 70 (diagnosis, synopsis).

Genus **AUSTROPONERA**

Austroponera Schmidt & Shattuck, 2014: 180. Type-species: *Euponera (Brachyponera) rufonigra* Clark, 1934b: 30, by original designation.

Taxonomic history

Austroponera in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 180.

Austroponera catalogues: Schmidt & Shattuck, 2014: 182 (checklist).

Genus **BELONOPELTA**

Belonopelta Mayr, 1870a: 394. Type-species: *Belonopelta attenuata* Mayr, 1870a: 395, by monotypy.

Taxonomic history

Belonopelta in Ponerinae: Dalla Torre, 1893: 43.

Belonopelta in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Belonopelta in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1895b: 116; Wheeler, W.M. 1910g: 135; Emery, 1911d: 87 [subtribe Ponerini]; Forel, 1917: 238; Wheeler, W.M. 1922a: 649; all subsequent authors.

Belonopelta in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 138.

Belonopelta as genus: all authors.

Junior synonym of ***BELONOPELTA***

Leiopelta Baroni Urbani, 1975b: 309. Type-species: *Belonopelta (Belonopelta) deletrix* Mann, 1922: 9, by original designation.

Taxonomic history

Leiopelta as junior synonym of *Belonopelta*: Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164; Bolton, 1995b: 33.

***Belonopelta* catalogues:** Dalla Torre, 1893: 43; Emery, 1911d: 87; Kempf, 1972a: 37; Brandão, 1991: 330; Bolton, 1995b: 80; Schmidt & Shattuck, 2014: 140 (checklist).

***Belonopelta* references:** Emery, 1911d: 87 (diagnosis); Wheeler, W.M. 1935d: 9 (all species key); Baroni Urbani, 1975b: 298 (**all species key**); Bolton, 1995a: 1048 (census); Bolton, 2003: 160 (synopsis); Fernández, 2008: 137 (**all species key**); Schmidt & Shattuck, 2014: 138 (diagnosis, synopsis).

Genus ***BOLOPONERA***

Boloponera Fisher, 2006: 112. Type-species: *Boloponera vicans* Fisher, 2006: 113, by original designation.

Taxonomic history

Boloponera in Ponerinae, Ponerini: Fisher, 2006: 112.

Boloponera in Ponerinae, Ponerini, *Plectroctena* genus group: Schmidt & Shattuck, 2014: 162.

Boloponera as genus: all authors.

Boloponera references: Schmidt & Shattuck, 2014: 163 (diagnosis, synopsis).

Genus **BOTHROPONERA**

Bothroponera Mayr, 1862: 713 (diagnosis in key), 717. Type-species: *Ponera pumicosa* Roger, 1860: 290, by subsequent designation of Emery, 1901a: 42.

Taxonomic history

Bothroponera in Ponerinae: Mayr, 1862: 713 (in key) [Poneridae]; Mayr, 1865: 13 [Poneridae]; Dalla Torre, 1893: 35.

Bothroponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Bothroponera in Ponerinae, Ponerini: Emery, 1895j: 767; Emery, 1911d: 75 [subtribe Pachycondylini]; Wheeler, W.M. 1922a: 648; all subsequent authors.

Bothroponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 72.

Bothroponera as subgenus of *Ponera*: Emery, 1895j: 767; Forel, 1900d: 325.

Bothroponera as subgenus of *Pachycondyla*: Emery, 1901a: 42; Wheeler, W.M. 1910g: 135; Emery, 1911d: 75; Arnold, 1915: 55; Forel, 1917: 237; Donisthorpe, 1943f: 628.

Bothroponera as junior synonym of *Pachycondyla*: Brown, 1973b: 179 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Bothroponera as genus: Mayr, 1862: 717; Dalla Torre, 1893: 35; Bingham, 1903: 95; Ashmead, 1905b: 382; Wheeler, W.M. 1918c: 299 (footnote); Wheeler, W.M. 1922a: 648; Wheeler, W.M. & Chapman, 1925: 67; Chapman & Capco, 1951: 49; Bernard, 1953b: 187; Taylor, 1987a: 9; Taylor & Brown, D.R. 1985: 21; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Joma & Mackay, 2013: 2; Schmidt & Shattuck, 2014: 72.

Bothroponera catalogues: Roger, 1863b: 16; Mayr, 1863: 397; Dalla Torre, 1893: 35; Emery, 1911d: 75 (*Pachycondyla (Bothroponera)*); Wheeler, W.M. 1922a: 769 (Afrotropical); Wheeler, W.M. 1922a: 1007 (Malagasy); Chapman & Capco, 1951: 49 (Asia); Taylor & Brown, D.R. 1985: 21 (Australia); Taylor, 1987a: 9 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 76 (checklist).

Bothroponera references: Mayr, 1865: 13 (diagnosis); Mayr, 1867a: 82 (diagnosis); Emery, 1887b: 18 (footnote) (Asia & Australia key); Forel, 1900d: 322 (India & Sri Lanka *Ponera (Bothroponera)* species key); Bingham, 1903: 96 (India, Sri Lanka & Burma *Bothroponera* species key); Emery, 1911d: 75 (*Pachycondyla (Bothroponera)* diagnosis); Arnold, 1915: 55 (South Africa *Pachycondyla (Bothroponera)* species key); Wheeler, W.M. 1922a: 69 (diagnosis); Wheeler, W.M. 1922a: 72 (Afrotropical species key); Arnold, 1952a: 461 (South Africa species key); Rakotonirina & Fisher, 2013a: 105 (Madagascar *Pachycondyla wasmannii* group key); Joma & Mackay, 2013: 6 (*Bothroponera cavernosa* complex key); Schmidt & Shattuck, 2014: 74 (diagnosis, synopsis).

[See also references under *Pachycondyla, sensu lato*.]

Genus **BRACHYAPONERA**

Brachyponera Emery, 1900c: 315 [as subgenus of *Euponera*]. Type-species: *Euponera (Brachyponera) luteipes croceicornis* Emery, 1900c: 315, by monotypy.

Taxonomic history

[*Brachyponera* also described as new by Emery, 1901a: 43. Type-species not *Ponera sennaarensis* Mayr, 1862: 721, unjustified subsequent designation by Emery, 1901a: 43, repeated in Wheeler, W.M. 1911f: 160, Emery, 1911d: 84, Wheeler, W.M. 1922a: 777, Donisthorpe, 1943f: 628, Smith, M.R. 1951a: 785; Wilson, 1958d: 346; Bolton, 1973a: 335; Smith, D.R. 1979: 1341; Taylor & Brown, D.R. 1985: 23.]

Brachyponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Brachyponera in Ponerinae, Ponerini: Emery, 1911d: 83; all subsequent authors.

Brachyponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 77.

Brachyponera as subgenus of *Euponera*: Emery, 1900c: 315; Emery, 1909c: 366; Wheeler, W.M. 1910g: 135; Emery, 1911d: 83; Arnold, 1915: 72; Forel, 1917: 237; Wheeler, W.M. 1922a: 649; subsequent authors to the following.

Brachyponera as junior synonym of *Pachycondyla*: Snelling, R.R. 1981: 389 [provisional]; Brown, in Bolton, 1994: 164; Bolton, 2003: 167.

Brachyponera as genus: Bingham, 1903: 101; Ashmead, 1905b: 382; Wilson, 1958d: 346; Taylor & Brown, D.R. 1985: 23; Wheeler, G.C. & Wheeler, J. 1985: 256; Taylor, 1987a: 9; Ogata, 1987: 116; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Schmidt & Shattuck, 2014: 77.

Brachyponera catalogues: Emery, 1911d: 83 (*Euponera (Brachyponera)*); Wheeler, W.M. 1922a: 777 (Afrotropical *Euponera (Brachyponera)*); Smith, M.R. 1951a: 785 (North America); Smith, D.R. 1979: 1341 (North America); Taylor & Brown, D.R. 1985: 23 (Australia); Taylor, 1987a: 9 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 302 (as part of *Pachycondyla*) ; Schmidt & Shattuck, 2014: 80 (checklist).

Brachyponera references: Bingham, 1903: 101 (India, Sri Lanka & Burma species keys); Emery, 1911d: 83 (*Euponera (Brachyponera)* diagnosis); Arnold, 1915: 72 (South Africa *Euponera (Brachyponera)*); Creighton, 1950a: 45 (Nearctic *Euponera (Brachyponera)* species key); Brown, 1958h: 21 (New Zealand *Brachyponera*); Wilson, 1958d: 346 (Melanesia *Brachyponera* species key); Morisita, Kubota, et al. 1989: 19 (Japan *Brachyponera* species); Xu, 1994b: 182 (China *Brachyponera* species key); Yamane, 2007: 652 (*Pachycondyla nigrita* species group key); Schmidt & Shattuck, 2014: 77 (diagnosis, synopsis).

[See also references under *Pachycondyla, sensu lato*.]

Genus **BUNIAPONE**

Buniapone Schmidt & Shattuck, 2014: 81. Type-species: *Ponera amblyops* Emery, 1887b: 434, by original designation.

Taxonomic history

Buniapone in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 81.

Buniapone catalogues: Schmidt & Shattuck, 2014: 83 (checklist).

Genus **CENTROMYRMEX**

Centromyrmex Mayr, 1866b: 894. Type-species: *Centromyrmex bohemanni* Mayr, 1866b: 895 (junior synonym of *Ponera brachycola* Roger, 1861a: 5), by monotypy.

Taxonomic history

Centromyrmex in Poneridae: Mayr, 1866b: 894.

Centromyrmex in Ponerinae: Dalla Torre, 1893: 15.

Centromyrmex in Ponerinae, Ponerini: Forel, 1895b: 111; Forel, 1899c: 2; Emery, 1901a: 35; Forel, 1900d: 303; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 57 [subtribe Centromyrmicini]; Arnold, 1915: 38; Forel, 1917: 237; Wheeler, W.M. 1922a: 646; all subsequent authors.

Centromyrmex incertae sedis in Ponerinae: Jaffe, 1993: 8 (in error).

Centromyrmex in Ponerinae, Ponerini, *Plectroctena* genus group: Schmidt & Shattuck, 2014: 164.

Centromyrmex as genus: all authors.

Junior synonyms of **CENTROMYRMEX**

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

Taxonomic history

Spalacomyrmex as junior synonym of *Centromyrmex*: Emery, 1890b: 40; Dalla Torre, 1893: 15; Forel, 1900d: 303; Bingham, 1903: 93.

Glyphopone Forel, 1913b: 308. Type-species: *Glyphopone bequaerti* Forel, 1913b: 308, by monotypy.

Taxonomic history

Glyphopone in Ponerinae, Ponerini: Arnold, 1916: 163; Forel, 1917: 237; Wheeler, W.M. 1922a: 647.

Glyphopone as junior synonym of *Centromyrmex*: Brown, 1963: 9.

Leptopone Arnold, 1916: 163 [as subgenus of *Glyphopone*]. Type-species: *Glyphopone (Leptopone) rufigaster* Arnold, 1916: 163 (junior synonym of *Glyphopone bequaerti* Forel, 1913b: 308), by original designation.

Taxonomic history

Leptopone in Ponerinae, Ponerini: Arnold, 1916: 163; Wheeler, W.M. 1922a: 647.

Leptopone as genus: Wheeler, W.M. 1922a: 647.

Leptopone as junior synonym of *Centromyrmex*: Brown, 1963: 9.

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 junior synonym of *Centromyrmex*: Brown, 1953c: 8.

***Centromyrmex* catalogues:** Dalla Torre, 1893: 15; Emery, 1911d: 57; Wheeler, W.M. 1922a: 762, 766, 766 (Afrotropical *Centromyrmex*, *Glyphopone*, *Leptopone*); Chapman & Capco, 1951: 52, 76 (Asia *Centromyrmex*, *Typhloteras*); Kempf, 1972a: 75 (Neotropical); Bolton, 1995b: 139; Schmidt & Shattuck, 2014: 167 (checklist).

***Centromyrmex* references:** Bingham, 1903: 94 (diagnosis); Emery, 1911d: 57 (diagnosis); Arnold, 1915: 38 (diagnosis); Brown, 1963: 9 (review of genus); Kempf, 1967b: 404 (**Neotropical species revision, key**); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1048 (census); Bolton, 2003: 160 (synopsis); Fernández, 2008: 138 (**Neotropical species key**); Bolton & Fisher, 2008c: 4 (diagnosis, **Afrotropical species revision, key**); Schmidt & Shattuck, 2014: 165 (diagnosis, synopsis).

Genus **CRYPTOPONE**

Cryptopone Emery, 1893a: cclxxv. Type-species: *Cryptopone testacea* Emery, 1893a: cclxxv, by monotypy.

Taxonomic history

[*Cryptopone* also described as new by Emery, 1893f: 240. Type-species not *Amblyopone testacea* Motschoulsky, 1863: 15, unjustified subsequent designation by Wheeler, W.M. 1911f: 161, repeated in Emery, 1911d: 88, Wheeler, W.M. 1922a: 780, Donisthorpe, 1943f: 636, Kempf, 1972a: 90 and Taylor & Brown, D.R. 1985: 28; see discussion in Wilson, 1958d: 360.]

Cryptopone in Ponerinae, Ponerini: Emery, 1895j: 767; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 88 [subtribe Ponerini]; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Cryptopone in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 182.

Cryptopone as junior synonym of *Pachycondyla*: Mackay & Mackay, 2010: 3.

Cryptopone as genus: all authors to the above reference; Schmidt & Shattuck, 2014: 182.

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.

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, 2003: 168.

Wadeura as junior synonym of *Cryptopone*: Schmidt & Shattuck, 2014: 182.

Cryptopone catalogues: Emery, 1911d: 88; Wheeler, W.M. 1922a: 780 (Afrotropical); Chapman & Capco, 1951: 52 (Asia); Kempf, 1972a: 90, 257 (Neotropical *Cryptopone*, *Wadeura*); Smith, D.R. 1979: 1341 (North America); Taylor & Brown, D.R. 1985: 28 (Australia); Taylor, 1987a: 23 (Australia, New Caledonia); Bolton, 1995b: 166; Schmidt & Shattuck, 2014: 185 (checklist).

Cryptopone references: Emery, 1911d: 88 (diagnosis); Wheeler, W.M. 1933g: 5 (all species key); Wilson, 1958d: 357 (Melanesia species keys); Brown, 1963: 6 (review of genus); Morisita, Kubota, et al. 1989: 21 (Japan species key); Collingwood & Agosti, 1996: 310 (Saudi Arabia species key); Shattuck, 1999: 182 (Australia fauna synopsis); Zhou, 2001b: 35 (China, Guangxi species keys); Bolton, 2003: 161 (synopsis); Terayama, 2009: 108 (Taiwan species key); Schmidt & Shattuck, 2014: 182 (diagnosis, synopsis).

Genus DIACAMMA

Diacamma Mayr, 1862: 713 (diagnosis in key), 718. Type-species: *Ponera rugosa* Le Guillou, 1842: 318, by subsequent designation of Bingham, 1903: 75.

Taxonomic history

Diacamma in Ponerinae: Mayr, 1862: 713 (in key) [Poneridae]; Mayr, 1865: 13 [Poneridae]; Dalla Torre, 1893: 28.

Diacamma in Ponerinae, Leptogenysii: Forel, 1893a: 162.

Diacamma in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Diacamma in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1900d: 317; Wheeler, W.M. 1910g: 135; Emery, 1911d: 64 [subtribe Pachycondylini]; Forel, 1917: 237; Wheeler, W.M. 1922a: 647; all subsequent authors.

Diacamma in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 186.

Diacamma as genus: all authors.

Diacamma catalogues: Roger, 1863b: 16; Mayr, 1863: 407; Dalla Torre, 1893: 28; Emery, 1911d: 64; Chapman & Capco, 1951: 53 (Asia); Taylor & Brown, D.R. 1985: 28 (Australia); Taylor, 1987a: 24 (Australia); Bolton, 1995b: 169; Schmidt & Shattuck, 2014: 190 (checklist).

Diacamma references: Mayr, 1865: 13 (diagnosis); Mayr, 1867a: 86 (diagnosis); Emery, 1887b: 435, footnote (all species key); Emery, 1897b: 162 (all species key); Forel, 1900d: 317 (India & Sri Lanka species key); Bingham, 1903: 76 (India, Sri Lanka & Burma species key); Emery, 1911d: 64 (diagnosis); Wilson, 1958d: 366 (Melanesia & Moluccas species revision, key); Morisita, Kubota, *et al.* 1989: 17 (Japan species); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1049 (census); Shattuck, 1999: 183 (Australia synopsis); Bolton, 2003: 161 (synopsis); Shattuck & Barnett, 2006: 14 (**Australia species key**); Schmidt & Shattuck, 2014: 186 (diagnosis, synopsis).

Genus **DINOPONERA**

Dinoponera Roger, 1861a: 37. Type-species: *Ponera grandis* Guérin-Méneville, 1838: 206 (junior synonym of *Ponera gigantea* Perty, 1833: 135), by monotypy.

Taxonomic history

Dinoponera in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 14 [Poneridae]; Dalla Torre, 1893: 31.

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

Dinoponera in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1895b: 113; Wheeler, W.M. 1910g: 135; Emery, 1911d: 63 [subtribe Pachycondylini]; Forel, 1917: 237; Wheeler, W.M. 1922a: 647; all subsequent authors.

Dinoponera in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 140.

Dinoponera as genus: all authors.

Dinoponera catalogues: Roger, 1863b: 19; Mayr, 1863: 407; Dalla Torre, 1893: 31; Emery, 1911d: 63; Kempf, 1972a: 96; Brandão, 1991: 340; Bolton, 1995b: 171; Schmidt & Shattuck, 2014: 143 (checklist).

Dinoponera references: Mayr, 1865: 14 (diagnosis); Emery, 1911d: 63 (diagnosis); Kempf, 1971: 387 (**all species revision, key**); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1049 (census);

Bolton, 2003: 161 (synopsis); Fernández, 2008: 139 (**all species key**); Lenhart, *et al.* 2013: 131 (**all species key**); Schmidt & Shattuck, 2014: 140 (diagnosis, synopsis).

Genus **DOLIOPONERA**

Dolioponera Brown, 1974e: 31. Type-species: *Dolioponera fustigera* Brown, 1974e: 32, by original designation.

Taxonomic history

Dolioponera in Ponerinae, Ponerini: Brown, 1974e: 31.

Dolioponera in Ponerinae, Ponerini, *incertae sedis* in *Plectroctena* genus group: Schmidt & Shattuck, 2014: 168.

Dolioponera as genus: all authors.

Dolioponera catalogues: Bolton, 1995b: 177; Schmidt & Shattuck, 2014: 170 (checklist).

Dolioponera references: Fisher, 2006: 116 (review of genus); Schmidt & Shattuck, 2014: 168 (diagnosis, synopsis).

Genus **ECTOMOMYRMEX**

Ectomomyrmex Mayr, 1867a: 83. Type-species: *Ectomomyrmex javanus* Mayr, 1867a: 84, by subsequent designation of Bingham, 1903: 85.

Taxonomic history

Ectomomyrmex in Ponerinae: Dalla Torre, 1893: 30.

Ectomomyrmex in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Ectomomyrmex in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1900d: 321; Emery, 1911d: 78 [subtribe Pachycondylini]; Wheeler, W.M. 1922a: 648; all subsequent authors.

Ectomomyrmex in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 191.

Ectomomyrmex as subgenus of *Pachycondyla*: Emery, 1901a: 42; Wheeler, W.M. 1910g: 135; Emery, 1911d: 78; Arnold, 1915: 53; Forel, 1917: 237.

Ectomomyrmex as junior synonym of *Pachycondyla*: Brown, 1973b: 180 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Ectomomyrmex as genus: Mayr, 1867a: 83; Dalla Torre, 1893: 30; Ashmead, 1905b: 382; Forel, 1900d: 321; Bingham, 1903: 85; Wheeler, W.M. 1922a: 648; Chapman & Capco, 1951: 60; Brown, 1963: 9; Taylor & Brown, D.R. 1985: 29; Taylor, 1987a: 26; Ogata, 1987: 112; Schmidt & Shattuck, 2014: 191.

[*Ectomyrmex*: incorrect subsequent spelling by Donisthorpe, 1943f: 641.]

Ectomomyrmex catalogues: Dalla Torre, 1893: 30; Emery, 1911d: 78 (*Pachycondyla* (*Ectomomyrmex*)); Wheeler, W.M. 1922a: 774 (Afrotropical); Chapman & Capco, 1951: 60 (Asia); Taylor & Brown, D.R. 1985: 29 (Australia); Taylor, 1987a: 26 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 193 (checklist).

Ectomomyrmex references: Bingham, 1903: 86 (India, Sri Lanka & Burma species key); Emery, 1911d: 78 (*Pachycondyla* (*Ectomomyrmex*) diagnosis); Arnold, 1915: 53 (South Africa *Pachycondyla* (*Ectomomyrmex*)); Wilson, 1958d: 362 (Melanesia *Ectomomyrmex* species keys); Brown, 1963: 9 (review of *Ectomomyrmex*); Morisita, Kubota, et al. 1989: 18 (Japan *Ectomomyrmex* key); Schmidt & Shattuck, 2014: 191 (diagnosis, synopsis).

[See also references under *Pachycondyla*, *sensu lato*.]

Genus **EMERYOPONE**

Emeryopone Forel, 1912m: 761. Type-species: *Emeryopone buttelreepeni* Forel, 1912m: 762, by monotypy.

Taxonomic history

[*Emeryopone* also described as new by Forel, 1913k: 14.]

Emeryopone in Ponerinae, Ponerini: Forel, 1917: 238; all subsequent authors.

Emeryopone in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 194.

Emeryopone as junior synonym of *Belonopelta*: Baroni Urbani 1975b: 296; Hölldobler & Wilson, 1990: 10.

Emeryopone as genus: Brown, in Bolton, 1994: 164; Bolton, 2003: 162; Schmidt & Shattuck, 2014: 194.

Emeryopone catalogues: Bolton, 1995b: 187; Schmidt & Shattuck, 2014: 196 (checklist).

Emeryopone references: Baroni Urbani 1975b: 298 (**all species key**); Varghese, 2006: 90 (**all species key**); Schmidt & Shattuck, 2014: 194 (diagnosis, synopsis).

Genus **EUPONERA**

Euponera Forel, 1891b: 126 [as subgenus of *Ponera*]. Type-species: *Ponera* (*Euponera*) *sikorae* Forel, 1891b: 127, by monotypy.

Taxonomic history

Euponera in Ponerinae, Ponerini: Emery, 1895j: 767; Emery, 1911d: 79 [subtribe *Pachycondylini*]; Wheeler, W.M. 1915h: 37; Arnold, 1915: 63; Forel, 1917: 237; Wheeler, W.M. 1922a: 648; all subsequent authors.

Euponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 83.

Euponera as subgenus of *Ponera*: Forel, 1891b: 126; Dalla Torre, 1893: 37; Emery, 1895j: 767.

Euponera as junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Euponera as genus: Emery, 1901a: 46; Emery, 1909c: 364; Wheeler, W.M. 1910g: 135; Emery, 1911d: 79; Arnold, 1915: 63; Forel, 1917: 237; Gallardo, 1918b: 64; Wheeler, W.M. 1922a: 648; Borgmeier, 1923: 70; Clark, 1934b: 30; Creighton, 1950a: 44; Chapman & Capco, 1951: 63; Bernard, 1953b: 189; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 11; Schmidt & Shattuck, 2014: 83.

***Euponera* catalogues:** Emery, 1911d: 80; Wheeler, W.M. 1922a: 774 (as *Ectomomyrmex*); Wheeler, W.M. 1922a: 1008 (Malagasy *Euponera* (*Euponera*)); Chapman & Capco, 1951: 63 (Asia); Smith, M.R. 1951a: 785 (North America); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 86 (checklist).

***Euponera* references:** Emery, 1911d: 80 (*Euponera* diagnosis, subgenera key); Arnold, 1915: 63 (Afrotropical *Euponera* diagnosis); Wheeler, W.M. 1922a: 81 (diagnosis); Rakotonirina & Fisher, 2013b: 452 (Madagascar *Pachycondyla sikorae* group key); Schmidt & Shattuck, 2014: 83 (diagnosis, synopsis).

[See also references under *Pachycondyla*, *sensu lato*.]

Genus **FEROPONERA**

Feroponera Bolton & Fisher, 2008c: 26. Type-species: *Feroponera ferox* Bolton & Fisher, 2008c: 28, by original designation.

Taxonomic history

Feroponera in Ponerinae: Ponerini: Bolton & Fisher, 2008c: 26.

Feroponera in Ponerinae, Ponerini, *incertae sedis* in *Plectroctena* genus group: Schmidt & Shattuck, 2014: 170.

Feroponera as genus: all authors.

***Feroponera* references:** Schmidt & Shattuck, 2014: 170 (diagnosis, synopsis).

Genus **FISHEROPONE**

Fisheropone Schmidt & Shattuck, 2014: 87. Type-species: *Ponera ambigua* Weber, 1942a: 46, by original designation.

Taxonomic history

Fisheropone in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 87.

Fisheropone catalogues: Schmidt & Shattuck, 2014: 89 (checklist).

Genus **HAGENSIA**

Hagensia Forel, 1901f: 333 [as subgenus of *Megaloponera* (*sic*)]. Type-species: *Megaloponera (Hagensia) havilandi* Forel, 1901f: 333, by monotypy.

Taxonomic history

Hagensia in Ponerinae, Ponerini: Emery, 1911d: 69 [subtribe Pachycondylini]; all subsequent authors.

Hagensia in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 89.

Hagensia as subgenus of *Megaponera*: Forel, 1901f: 333; Wheeler, W.M. 1910g: 135; Emery, 1911d: 61.

Hagensia as subgenus of *Euponera*: Forel, 1917: 237.

Hagensia as junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164; Bolton, 2003: 167.

Hagensia as genus: Arnold, 1926: 202; Donisthorpe, 1943f: 648; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 11; Schmidt & Shattuck, 2014: 89.

Hagensia catalogues: Emery, 1911d: 69 (*Megaponera (Hagensia)*); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 91 (checklist).

Hagensia references: Emery, 1911d: 69 (*Megaponera (Hagensia)* diagnosis); Arnold, 1926: 203 (South Africa species key); Arnold, 1951: 53 (all species key); Schmidt & Shattuck, 2014: 89 (diagnosis, synopsis).

Genus **HARPEGNATHOS**

Harpegnathos Jerdon, 1851: 116. Type-species: *Harpegnathos saltator* Jerdon, 1851: 117, by monotypy.

Taxonomic history

[*Harpegnathos* description duplicated in Jerdon, 1854b: 100.]

Harpegnathos in Odontomachidae: Smith, F. 1871a: 320.

Harpegnathos in Ponerinae, Ponerini: Wheeler, W.M. 1910g: 135; Emery, 1911d: 58 [subtribe Harpegnathini]; Forel, 1917: 237; Wheeler, W.M. 1922a: 646; all subsequent authors.

Harpegnathos in Ponerinae, Ponerini, *Harpegnathos* genus group: Schmidt & Shattuck, 2014: 53.

Harpegnathos as subgenus of *Drepanognathus*: Smith, F. 1871a: 320.

Harpegnathos as junior synonym of *Drepanognathus*: Mayr, 1863: 408; Dalla Torre, 1893: 22; Bingham, 1903: 49; priority errors.

Harpegnathos as genus: Emery, 1911d: 58; all subsequent authors.

Junior synonym of HARPEGNATHOS

Drepanognathus Smith, F. 1858b: 81. Type-species: *Harpegnathos saltator* Jerdon, 1851: 117, by subsequent designation of Bingham, 1903: 49.

Taxonomic history

[*Drepanognathus* unnecessary replacement name for *Harpegnathos* Jerdon, 1851: 116.]

Drepanognathus in Poneridae: Smith, F. 1858b: 81.

Drepanognathus in Odontomachidae: Smith, F. 1871a: 320.

Drepanognathus in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 14 [Poneridae]; Dalla Torre, 1893: 22.

Drepanognathus in Pachycondylinae, Drepanognathini: Ashmead, 1905b: 382.

Drepanognathus as junior synonym of *Harpegnathos*: Roger, 1861a: 32; Roger, 1863b: 22; Forel, 1893a: 166; Forel, 1900c: 63; Emery, 1911d: 58; all subsequent authors.

***Harpegnathos* catalogues:** Roger, 1863b: 22; Mayr, 1863: 408, 422 (*Drepanognathus*, *Harpegnathos*); Dalla Torre, 1893: 22; Emery, 1911d: 58; Chapman & Capco, 1951: 66 (Asia); Bolton, 1995b: 212; Schmidt & Shattuck, 2014: 57 (checklist).

***Harpegnathos* references:** Mayr, 1865: 14 (diagnosis); Forel, 1900c: 63 (India & Sri Lanka species key); Bingham, 1903: 50 (India, Sri Lanka & Burma species key); Emery, 1911d: 58 (diagnosis); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1050 (census); Bolton, 2003: 162 (synopsis); Schmidt & Shattuck, 2014: 54 (diagnosis, synopsis).

Genus HYPOPONERA

Hypoponera Santschi, 1938b: 79 [as subgenus of *Ponera*]. Type-species: *Ponera abeillei* André, 1881a: 61 and xlviii, by original designation.

Taxonomic history

Hypoponera in Ponerinae, Ponerini: Donisthorpe, 1943f: 652; all subsequent authors.

Hypoponera in Ponerinae, Ponerini, *Hypoponera* genus group: Schmidt & Shattuck, 2014: 57.

Hypoponera as subgenus of *Ponera*: Santschi, 1938b: 79.

Hypoponera as genus: Taylor, 1967a: 9; all subsequent authors.

***Hypoponera* catalogues:** [Prior to 1972 catalogues include *Hypoponera* + *Ponera* species.] Roger, 1863b: 16; Mayr, 1863: 447; Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 37; Emery, 1911d: 90; Wheeler, W.M. 1922a: 780, 1009 (Afrotropical, Malagasy); Chapman & Capco, 1951: 68 (Asia); Smith, M.R. 1951a: 786 (North America); Kempf, 1972a: 121 (Neotropical); Smith, D.R. 1979: 1342 (North America); Taylor & Brown, D.R. 1985: 31 (Australia); Taylor, 1987a: 29 (Australia, New Caledonia & New Zealand); Brandão, 1991: 347 (Neotropical); Bolton, 1995b: 213; Schmidt & Shattuck, 2014: 61 (checklist).

***Hypoponera* references:** [Prior to 1967 references include *Hypoponera* + *Ponera* species.] Mayr, 1855: 386 (diagnosis); Smith, F. 1858b: 83 (diagnosis); Mayr, 1862: 721 (diagnosis); Mayr, 1865: 13 (diagnosis); Mayr, 1867a: 85 (diagnosis); Forel, 1874: 64 (Switzerland species key); Mayr, 1879: 661 (all species key); André, 1882c: 239 (Europe & Algeria species key); Emery, 1895b: 60 (Mediterranean species key); Emery, 1896g: 53 (New World species key); Emery, 1900c: 316 (Australia, Papua & Oceania species key); Forel, 1900d: 322 (India & Sri Lanka species key); Bingham, 1903: 89 (India, Sri Lanka & Burma species key); Emery, 1909c: 367 (Palaearctic species key); Emery, 1911d: 88 (diagnosis); Arnold, 1915: 76, 77 (diagnosis, South Africa species key); Emery, 1916b: 107 (Italy species key); Bondroit, 1918: 81 (France & Belgium species key); Gallardo, 1918b: 73 (Argentina species key); Mann, 1921: 419 (Fiji Is species key); Menozzi, 1931b: 266 (Costa Rica species key); Smith, M.R. 1936: 420 (North America species key); Stitz, 1939: 58 (Germany species key); Creighton, 1950a: 47 (**Nearctic species key**); Bernard, 1953b: 197 (West Africa species key); Wilson, 1958d: 323, 343 (Melanesia & Moluccas species, Fiji Is species revisions, keys); Brown, 1958h: 22 (New Zealand species); Bernard, 1967: 83 (diagnosis, Western Europe species key); Taylor, 1967a: 9 (*Hypoponera* diagnosis, discussion); Alayo, 1974: 7 (Cuba species key); Kutter, 1977c: 24 (Switzerland species key); Arnol'di & Dlussky, 1978: 524 (former European U.S.S.R. species key); Agosti & Collingwood, 1987b: 265 (Balkans species key); Morisita, Kubota, *et al.* 1989: 25 (Japan species key); Dlussky, Soyunov & Zabelin, 1990: 176 (Turkmenistan species key); Atanasov & Dlussky, 1992: 69 (Bulgaria species key); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1050 (census); Wu, J. & Wang, 1995: 40 (China species key); Collingwood & Agosti, 1996: 311 (Saudi Arabia species key); Kim, Kim & Kim, 1998: 148 (Korea species key); Shattuck, 1999: 187 (Australia synopsis); Bolton, 2003: 162 (synopsis); Terayama, 2009: 113 (Taiwan species key); Heterick, 2009: 133 (south-western Australia species key); Bolton & Fisher, 2011: 17, 23 (**Afrotropical and West Palaearctic, all species revision, keys**); Sarnat & Economo, 2012: 148 (Fiji Is species key); Schmidt & Shattuck, 2014: 58 (diagnosis, synopsis).

Genus **IROPONERA**

Iroponera Schmidt & Shattuck, 2014: 196. Type-species: *Iroponera odax* Schmidt & Shattuck, 2014: 198, by original designation.

Taxonomic history

Iroponera in Ponerinae, Ponerini, *incertae sedis* in *Ponera* genus group: Schmidt & Shattuck, 2014: 196.

Genus **LEPTOGENYS**

Leptogenys Roger, 1861a: 41. Type-species: *Leptogenys falcigera* Roger, 1861a: 42, by subsequent designation of Bingham, 1903: 52.

Taxonomic history

Leptogenys in Ponerinae: Dalla Torre, 1893: 46; Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 14 [Poneridae].

Leptogenys in Ponerinae, Leptogenyini: Forel, 1893a: 162; Forel, 1899c: 17; Ashmead, 1905b: 382; Emery, 1911d: 97; Arnold, 1915: 89; Forel, 1917: 238; Gallardo, 1918b: 84; Wheeler, W.M. 1922a: 652; Donisthorpe, 1943f: 656; Chapman & Capco, 1951: 31; Dlussky & Fedoseeva, 1988: 78.

Leptogenys in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1900d: 304; Wheeler, W.M. 1910g: 135; Brown, 1963: 3; Kempf, 1972a: 129; Jaffe, 1993: 8; Bolton, 1994: 164; Bolton, 2003: 163.

Leptogenys in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 92.

Leptogenys as genus: all authors.

Junior synonyms of **LEPTOGENYS**

Lobopelta Mayr, 1862: 714 (diagnosis in key), 733. Type-species: *Ponera diminuta* Smith, F. 1857a: 69, by subsequent designation of Bingham, 1903: 54.

Taxonomic history

Lobopelta in Ponerinae: Mayr, 1862: 714 (in key) [Poneridae]; Mayr, 1865: 15 [Poneridae]; Dalla Torre, 1893: 43.

Lobopelta in Ponerinae, Leptogenyini: Forel, 1893a: 162; Ashmead, 1905b: 382; Emery, 1911d: 101; Wheeler, W.M. 1922a: 653; Donisthorpe, 1943f: 658.

Lobopelta as genus: Mayr, 1862: 733; Cresson, 1887: 258; Dalla Torre, 1893: 43; Bingham, 1903: 54.

Lobopelta as subgenus of *Leptogenys*: Forel, 1892k: 520; Forel, 1899c: 18; Forel, 1900d: 304; Wheeler, W.M. 1910g: 135; Emery, 1911d: 101; Arnold, 1915: 95; Forel, 1917: 238; Gallardo, 1918b: 85; Wheeler, W.M. 1922a: 653; Wheeler, W.M. 1923d: 1; Borgmeier, 1923: 75; Creighton, 1950a: 50; Kempf, 1972a: 131; Smith, D.R. 1979: 1343.

Lobopelta as junior synonym of *Leptogenys*: Emery, 1896e: 177 (footnote); Brown, 1973b: 181 [provisional]; Bolton, 1975a: 240; Bolton, 2003: 163.

Prionogenys Emery, 1895g: 348. Type-species: *Prionogenys podenzanai* Emery, 1895g: 349, by monotypy.

Taxonomic history

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

Prionogenys in Ponerinae, Leptogenyini: Ashmead, 1905b: 382; Emery, 1911d: 106; Forel, 1917: 238; Wheeler, W.M. 1922a: 652; Donisthorpe, 1943f: 685; Dlussky & Fedoseeva, 1988: 78.

Prionogenys as genus: all authors to the following.

Prionogenys as junior synonym of *Leptogenys*: Taylor, 1988: 33.

Machaerogenys Emery, 1911d: 100 [as subgenus of *Leptogenys*]. Type-species: *Leptogenys truncatirostris* Forel, 1897c: 195, by original designation.

Taxonomic history

Machaerogenys as subgenus of *Leptogenys*: Emery, 1911d: 100; Forel, 1917: 238; Wheeler, W.M. 1922a: 653; subsequent authors to the following.

Machaerogenys as junior synonym of *Leptogenys*: Brown, 1973b: 181 [provisional]; Bolton, 1975a: 240.

Odontopelta Emery, 1911d: 101 [as subgenus of *Leptogenys*]. Type-species: *Leptogenys turneri* Forel, 1900b: 67, by monotypy.

Taxonomic history

Odontopelta as subgenus of *Leptogenys*: Emery, 1911d: 101; Forel, 1917: 238; Wheeler, W.M. 1922a: 653; Donisthorpe, 1943f: 677.

Odontopelta as junior synonym of *Leptogenys*: Brown, 1973b: 183 [provisional]; Snelling, R.R. 1981: 390; Taylor & Brown, D.R. 1985: 32.

Dorylozelus Forel, 1915b: 24. Type-species: *Dorylozelus mjobergi* Forel, 1915b: 25 (junior secondary homonym; replacement name: *Leptogenys tricosa* Taylor, 1969: 132), by monotypy.

Taxonomic history

Dorylozelus in Ponerinae, Ponerini: Forel, 1917: 238.

Dorylozelus in Ponerinae, Dorylozelini: Wheeler, W.M. 1922a: 646; Donisthorpe, 1943f: 640.

Dorylozelus incertae sedis in Ponerinae, Amblyoponini: Brown, 1960a: 181.

Dorylozelus as genus: all authors to the following.

Dorylozelus as junior synonym of *Leptogenys*: Taylor, 1969: 132; Bolton, 1975a: 240.

Microbolbos Donisthorpe, 1948f: 170. Type-species: *Microbolbos testacea* Donisthorpe, 1948f: 170, by original designation.

Taxonomic history

Microbolbos as junior synonym of *Leptogenys*: Wilson, 1955c: 136; Bolton, 1975a: 240.

Leptogenys catalogues: Roger, 1863b: 19 (*Lobopelta*, *Leptogenys*); Mayr, 1863: 426, 427 (*Leptogenys*, *Lobopelta*); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 43, 46 (*Lobopelta*, *Leptogenys*); Emery, 1911d: 99, 100, 101, 101 (*Leptogenys* (*Leptogenys*), *L.* (*Machaerogenys*), *L.* (*Odontopelta*), *L.* (*Lobopelta*)); Wheeler, W.M. 1922a: 786, 788 (Afrotropical *Leptogenys* (*Leptogenys*), *L.* (*Lobopelta*)); Wheeler, W.M. 1922a: 1010 (Malagasy); Chapman & Capco, 1951: 31 (Asia); Smith, M.R. 1951a: 787 (North America); Kempf, 1972a: 129 (Neotropical); Smith, D.R. 1979: 1343 (North America); Taylor & Brown, D.R. 1985: 32, 39 (Australia); Taylor, 1987a: 34, 64 (Australia, New Caledonia); Brandão, 1991: 349 (Neotropical); Bolton, 1995b: 229; Schmidt & Shattuck, 2014: 99 (checklist).

Leptogenys references: Mayr, 1865: 14, 15 (*Leptogenys*, *Lobopelta* diagnoses); Mayr, 1867a: 89 (diagnosis); Mayr, 1879: 664 (*Lobopelta* species key); Forel, 1900d: 304 (India & Sri Lanka species key); Bingham, 1903: 52, 55 (India, Sri Lanka & Burma *Leptogenys*, *Lobopelta* species keys); Emery, 1911d: 97, 97, 99, 100, 101, 101 (diagnosis, subgenera key, *L.* (*Leptogenys*), *L.* (*Machaerogenys*), *L.* (*Odontopelta*), *L.* (*Lobopelta*) diagnoses); Arnold, 1915: 89, 89, 95 (diagnosis, South Africa *L.* (*Leptogenys*), *L.* (*Lobopelta*) species keys); Mann, 1919: 298 (Papuaia *L.* (*Leptogenys*) species key); Mann, 1921: 426 (Fiji Is *L.* (*Lobopelta*) species key); Wheeler, W.M. 1922a: 93 (diagnosis); Wheeler, W.M. 1923d: 14 (New World *L.* (*Lobopelta*) species key); Creighton, 1950a: 51 (*L.* (*Lobopelta*) **Nearctic species key**); Wilson, 1958a: 113 (Melanesia & Moluccas species revision, key); Wilson, 1958a: 136 (New Caledonia species key); Alayo, 1974: 8 (Cuba species key); Bolton, 1975a: 239 (diagnosis, review of genus); **Afrotropical species revision, key:** 244; **Malagasy species key:** 293); Trager & Johnson, 1988: 30 (U.S.A. species key); Morisita, Kubota, et al. 1989: 28 (Japan); Bolton, 1995a: 1050 (census); Wu, J. & Wang, 1995: 41 (China species key); Shattuck, 1999: 189 (Australia synopsis); Xu, 2000a: 118 (China species key); Zhou, 2001b: 39 (China, Guangxi species key); Bolton, 2003: 163 (synopsis); Lattke, in Fernández, 2008: 145 (Colombia species, review); Terayama, 2009: 115 (Taiwan species key); Heterick, 2009: 133 (south-western Australia species key); Bakhtiar & Chiang, 2011: 46 (Sabah species, provisional key); Lattke, 2011: 139 (**New World species revision, key**); Sarnat & Economo, 2012: 154 (Fiji Is species key); Zhou, Chen, et al. 2012: 886 (China species key); Bharti & Wachkoo, 2013c: 17 (India species key); Schmidt & Shattuck, 2014: 92 (diagnosis, synopsis).

Genus **LOBOPONERA**

Loboponera Bolton & Brown, 2002: 3. Type-species: *Loboponera vigilans* Bolton & Brown, 2002: 7, by original designation.

Taxonomic history

[*Loboponera* Bolton, 1994: 156; unavailable name (in key).]

Loboponera in Ponerinae, Ponerini: Bolton & Brown, 2002: 2.

Loboponera in Ponerinae, Ponerini, *Plectroctena* genus group: Schmidt & Shattuck, 2014: 171.

Loboponera as genus: all authors.

***Loboponera* catalogues:** Schmidt & Shattuck, 2014: 173 (checklist).

Loboponera references: Bolton & Brown, 2002: 4 (all species key); Schmidt & Shattuck, 2014: 172 (diagnosis, synopsis).

Genus **MAYAPONERA**

Mayaponera Schmidt & Shattuck, 2014: 143. Type-species: *Ponera constricta* Mayr, 1884: 31, by monotypy.

Taxonomic history

Mayaponera in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 143.

Mayaponera catalogues: Schmidt & Shattuck, 2014: 145 (checklist).

Genus **MEGAPONERA**

Megaponera Mayr, 1862: 714 (diagnosis in key), 734. Type-species: *Formica foetens* Fabricius, 1793: 354 (junior primary homonym; replacement name: *Formica analis* Latreille, 1802c: 282), by monotypy.

Taxonomic history

Megaponera in Ponerinae: Dalla Torre, 1893: 30; Mayr, 1862: 714 [Poneridae]; Mayr, 1865: 15 [Poneridae].

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

Megaponera in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 67 [subtribe Pachycondylini]; Arnold, 1915: 46; Wheeler, W.M. 1922a: 647; all subsequent authors.

Megaponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 104.

Megaponera as junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Megaponera as genus: Roger, 1863b: 17; Mayr, 1863: 428; Dalla Torre, 1893: 30; Emery, 1911d: 67; Wheeler, W.M. 1922a: 766; Schmidt & Shattuck, 2014: 106.

[*Megaloponera*: incorrect subsequent spelling by Roger, 1863b: 17; misspelling repeated by several authors, for example Emery, 1877b: 368; Forel, 1901f: 333; Forel, 1917: 237.]

Megaponera catalogues: Roger, 1863b: 17; Mayr, 1863: 428; Dalla Torre, 1893: 30; Emery, 1911d: 67; Wheeler, W.M. 1922a: 766; Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 107 (checklist).

Megaponera references: Mayr, 1865: 15 (diagnosis); Emery, 1911d: 67 (diagnosis); Arnold, 1915: 46 (diagnosis); Wheeler, W.M. 1922a: 63 (diagnosis); Schmidt & Shattuck, 2014: 106 (diagnosis, synopsis).

Genus **MESOPONERA**

Mesoponera Emery, 1900d: 668 [as subgenus of *Euponera*]. Type-species: *Ponera melanaria* Emery, 1893g: 260 (footnote), by monotypy.

Taxonomic history

[*Mesoponera* also described as new by Emery, 1901a: 43. Type-species not *Ponera caffraria* Smith, F. 1858b: 91, unjustified subsequent designation by Emery, 1901a: 43, repeated by Emery, 1911d: 81, Wheeler, W.M. 1911f: 167, Wheeler, W.M. 1922a: 775, Donisthorpe, 1943f: 661, Wilson, 1958d: 349; Kempf, 1972a: 141, Bolton, 1973a: 338; Taylor & Brown, D.R. 1985: 35.]

Mesoponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Mesoponera in Ponerinae, Ponerini: Emery, 1911d: 80; all subsequent authors.

Mesoponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 107.

Mesoponera as subgenus of *Euponera*: Emery, 1900d: 668; Wheeler, W.M. 1910g: 135; Emery, 1911d: 80; Arnold, 1915: 64; Forel, 1917: 237; Gallardo, 1918b: 65; Wheeler, W.M. 1922a: 649; Borgmeier, 1923: 71; Donisthorpe, 1943f: 661; Chapman & Capco, 1951: 64; Bernard, 1953b: 190.

Mesoponera as junior synonym of *Pachycondyla*: Brown, 1973b: 182; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 167.

Mesoponera as genus: Bingham, 1903: 99; Ashmead, 1905b: 382; Wilson, 1958d: 349; Kempf, 1972a: 141; Taylor & Brown, D.R. 1985: 34; Taylor, 1987a: 39; Dlussky & Fedoseeva, 1988: 78; Schmidt & Shattuck, 2014: 107.

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 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, 2003: 168.

Xiphopelta as junior synonym of *Mesoponera*: Wheeler, W.M. 1922a: 775; Schmidt & Shattuck, 2014: 107.

[*Hiphopelta*: incorrect subsequent spelling by Forel, 1913a: 108.]

Mesoponera catalogues: Emery, 1911d: 80 (*Euponera (Mesoponera)*); Wheeler, W.M. 1922a: 774 (Afrotropical *Euponera (Mesoponera)*); Wheeler, W.M. 1922a: 1008 (Malagasy *Euponera (Mesoponera)*); Kempf, 1972a: 141 (Neotropical); Taylor & Brown, D.R. 1985: 34 (Australia); Taylor, 1987a: 39 (Australia, New Caledonia & New Zealand); Brandão, 1991: 356 (Neotropical *Mesoponera*); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 110 (checklist).

Mesoponera references: Emery, 1911d: 80 (*Euponera (Mesoponera)* diagnosis); Arnold, 1915: 64 (South Africa *Euponera (Mesoponera)*); Gallardo, 1918b: 66 (Argentina *Mesoponera* species key); Santschi, 1935b: 259 (Africa *Mesoponera* species key); Bernard, 1953b: 191 (Guinea *Euponera (Xiphopelta)* species key); Brown, 1958h: 20 (New Zealand *Mesoponera*); Schmidt & Shattuck, 2014: 108 (diagnosis, synopsis).

[See also references under *Pachycondyla, sensu lato.*]

Genus **MYPIAS**

Myopias Roger, 1861a: 39. Type-species: *Myopias amblyops* Roger, 1861a: 39, by monotypy.

Taxonomic history

Myopias in Ponerinae: Mayr, 1862: 713 [Poneridae]; Mayr, 1865: 12 [Poneridae]; Dalla Torre, 1893: 16.

Myopias in Ponerinae, Ponerini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 94 [subtribe Plectroctenini]; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Myopias in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 111.

Myopias as junior synonym of *Pachycondyla*: Brown, 1973b: 182 [provisional]; Snelling, R.R. 1981: 389.

Myopias as genus: all authors prior to the two above; Willey & Brown, 1983: 249; all subsequent authors.

Junior synonyms of **MYPIAS**

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.

Trapeziopelta in Ponerinae, Ponerini: Emery, 1895j: 767; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 93 [subtribe Plectroctenini]; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Trapeziopelta as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 390.

Trapeziopelta as genus: Wheeler, G.C. & Wheeler, J. 1985: 256.

Trapeziopelta as junior synonym of *Myopias*: Willey & Brown, 1983: 249; Bolton, 1994: 164; Bolton, 1995b: 48.

Bradyponera Mayr, 1886c: 362. Type-species: *Ponera nitida* Smith, F. 1861b: 45 (junior primary homonym; replacement name: *Trapeziopelta mayri* Donisthorpe, 1932c: 468), by monotypy.

Taxonomic history

[*Bradyponera* Smith, F. 1873: viii, *nomen nudum*, attributed to Mayr.]

Bradyponera as junior synonym of *Trapeziopelta*: Emery, 1911d: 93 [provisional]; Donisthorpe, 1932c: 468.

Bradyponera as junior synonym of *Pachycondyla*: Brown, 1973b: 179 [provisional]; Snelling, R.R. 1981: 389.

Bradyponera as junior synonym of *Myopias*: Bolton, 2003: 164.

***Myopias* catalogues:** Roger, 1863b: 19 (*Myopias, Trapeziopelta*); Mayr, 1863: 429, 457 (*Myopias, Trapeziopelta*); Dalla Torre, 1893: 16, 43 (*Myopias, Trapeziopelta*); Emery, 1911d: 93, 94 (*Trapeziopelta, Myopias*); Chapman & Capco, 1951: 67, 75 (Asia *Myopias, Trapeziopelta*); Taylor & Brown, D.R. 1985: 35 (Australia); Taylor, 1987a: 41 (Australia); Bolton, 1995b: 269; Schmidt & Shattuck, 2014: 113 (checklist).

***Myopias* references:** Mayr, 1865: 11, 12 (*Trapeziopelta, Myopias* diagnoses); Mayr, 1867a: 81 (*Trapeziopelta* diagnosis); Emery, 1900c: 313 (New Guinea *Trapeziopelta* species key); Bingham, 1903: 103 (diagnosis); Emery, 1911d: 93, 94 (*Trapeziopelta, Myopias* diagnoses); Willey & Brown, 1983: 274 (**Australia species key**); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1050 (census); Shattuck, 1999: 190 (Australia synopsis); Xu & Liu, 2012: 821 (China species key); Schmidt & Shattuck, 2014: 111 (diagnosis, synopsis).

Genus NEOPONERA

Neoponera Emery, 1901a: 43. Type-species: *Formica villosa* Fabricius, 1804: 409, by original designation.

Taxonomic history

Neoponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Neoponera in Ponerinae, Ponerini: Wheeler, W.M. 1910g: 135; Emery, 1911d: 70 [subtribe Pachycondylini]; Forel, 1917: 237; Wheeler, W.M. 1922a: 648; all subsequent authors.

Neoponera in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 145.

Neoponera as junior synonym of *Pachycondyla*: Brown, 1973b: 183 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 168.

Neoponera as genus: Emery, 1911d: 70; Kusnezov, 1969: 36; Kempf, 1972a: 160; Brandão, 1991: 360; Schmidt & Shattuck, 2014: 145.

Junior synonyms of NEOPONERA

Eumecopone Forel, 1901e: 335 [as subgenus of *Neoponera*]. Type-species: *Neoponera (Eumecopone) agilis* Forel, 1901e: 336, by monotypy.

Taxonomic history

Eumecopone as subgenus of *Neoponera*: Forel, 1901e: 335; Wheeler, W.M. 1910g: 135; Emery, 1911d: 71; Forel, 1917: 237; Wheeler, W.M. 1922a: 648; subsequent authors to the following.

Eumecopone junior synonym of *Pachycondyla*: Brown, 1973b: 180 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 167.

Eumecopone junior synonym of *Neoponera*: Schmidt & Shattuck, 2014: 145.

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.

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, 2003: 168.

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

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.

Syntermitopone as genus: Kusnezov, 1956: 15.

Syntermitopone as junior synonym of *Termitopone*: Borgmeier, 1959a: 312.

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, 2003: 168.

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

Neoponera catalogues: Emery, 1911d: 70; Smith, M.R. 1951a: 785 (North America); Kempf, 1972a: 160, 248 (Neotropical *Neoponera*, *Termitopone*); Brandão, 1991: 360, 381 (Neotropical *Neoponera*, *Termitopone*); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 151 (checklist).

Neoponera references: Emery, 1911d: 70 (diagnosis); Gallardo, 1918b: 56 (Argentina *Neoponera* species key); Kusnezov, 1969: 36 (Argentina *Neoponera* species key); Wild, 2005: 5 (*Pachycondyla apicalis* complex key); Fernandes, *et al.* 2014: 134 (*Pachycondyla foetida* complex key); Schmidt & Shattuck, 2014: 145 (diagnosis, synopsis).

[See also references under *Pachycondyla*, *sensu lato*.]

Genus **ODONTOMACHUS**

Odontomachus Latreille, 1804: 179. Type-species: *Formica haematoda* Linnaeus, 1758: 582, by monotypy.

Taxonomic history

Odontomachus in Ponérites: Lepeletier de Saint-Fargeau, 1835: 185.

Odontomachus in Poneridae: Smith, F. 1857a: 64; Smith, F. 1858b: 76.

Odontomachus in Formicidae, Odontomachidae: Mayr, 1862: 711; Mayr, 1865: 11; Smith, F. 1871a: 319.

Odontomachus in Odontomachidae: Ashmead, 1905b: 382.

Odontomachus in Ponerinae: Dalla Torre, 1893: 49.

Odontomachus in Ponerinae, Odontomachini: Forel, 1893a: 163; Emery, 1895j: 768; Forel, 1895b: 118; Forel, 1899c: 19; Wheeler, W.M. 1910g: 136; Emery, 1911d: 111; Arnold, 1915: 108; Forel, 1917: 238; Gallardo, 1918b: 93; Wheeler, W.M. 1922a: 653; Donisthorpe, 1943f: 676; Chapman & Capco, 1951: 42; Kempf, 1972a: 170; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 78; Jaffe, 1993: 8.

Odontomachus in Ponerinae, Ponerini: Brown, 1976a: 70 [subtribe Odontomachiti]; Bolton, 1994: 164.

Odontomachus in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 114.

Odontomachus as genus: all authors.

Junior synonyms of **ODONTOMACHUS**

Pedetes Bernstein, 1861: 7. Type-species: *Pedetes macrorhynchus* Bernstein, 1861: 8, by monotypy.

Taxonomic history

Pedetes as junior synonym of *Odontomachus*: Dalla Torre, 1893: 49; all subsequent authors.

Champsomyrmex Emery, 1892d: 558 (footnote). Type-species: *Odontomachus coquereli* Roger, 1861a: 30, by monotypy.

Taxonomic history

Champsomyrmex in Ponerinae: Dalla Torre, 1893: 49.

Champsomyrmex in Odontomachidae: Ashmead, 1905b: 382.

Champsomyrmex in Ponerinae, Odontomachini: Emery, 1895j: 768; Wheeler, W.M. 1910g: 136; Emery, 1911d: 111; Wheeler, W.M. 1922a: 653; Donisthorpe, 1943f: 632.

Champsomyrmex as subgenus of *Odontomachus*: Forel, 1893a: 163; Forel, 1917: 238.

Champsomyrmex as genus: Emery, 1892d: 558 (footnote); Dalla Torre, 1893: 49; Emery, 1911d: 111; Wheeler, W.M. 1922a: 653.

Champsomyrmex as junior synonym of *Odontomachus*: Brown, 1973b: 179 [provisional]; Brown, 1976a: 96.

[*Thempsozymex*: incorrect subsequent spelling by Forel, 1893a: 163.]

Myrtoteras Matsumura, 1912: 191. Type-species: *Myrtoteras kuroiwae* Matsumura, 1912: 192, by monotypy.

Taxonomic history

Myrtoteras in Ponerinae, Odontomachini: Donisthorpe, 1943f: 672.

Myrtoteras as junior synonym of *Odontomachus*: Brown, 1973b: 182 [provisional]; Brown, 1976a: 96.

***Odontomachus* catalogues:** Roger, 1863b: 21; Mayr, 1863: 436; Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 49; Emery, 1911d: 111; Wheeler, W.M. 1922a: 792, 1013 (Afrotropical, Malagasy); Chapman & Capco, 1951: 42 (Asia); Smith, M.R. 1951a: 787 (North America); Kempf, 1972a: 170 (Neotropical); Smith, D.R. 1979: 1344 (North America); Taylor & Brown, D.R. 1985: 36 (Australia); Taylor, 1987a: 48 (Australia, New Caledonia); Bolton, 1995b: 294; Schmidt & Shattuck, 2014: 118 (checklist).

***Odontomachus* references:** Mayr, 1865: 11 (diagnosis); Emery, 1892d: 559 (all species key); Forel, 1900c: 57 (India & Sri Lanka species key); Bingham, 1903: 47 (India, Sri Lanka & Burma species key); Emery, 1911d: 111 (diagnosis); Arnold, 1915: 108 (South Africa species); Gallardo, 1918b: 95 (Argentina species key); Wheeler, W.M. 1922a: 99 (diagnosis); Creighton, 1950a: 55 (**Nearctic species key**); Wilson, 1959a: 485 (Melanesia & Moluccas species revision, key); Kempf, 1962b: 17 (**Neotropical species key**); Brown, 1976a: 96 (diagnosis, **all species revision; New World species key**: 111; **Indo-Australian species key**: 114; **Africa & Madagascar species keys**: 117); Deyrup, Trager & Carlin, 1985: 188 (Southeastern U.S.A. species, review); Brown, 1978b: 281 (supplement to Brown, 1976a); Morisita, Kubota, et al. 1989: 29 (Japan); Wang, M. 1993: 220 (China species key); De Andrade, 1994: 24 (*Dominican Amber species key); Bolton, 1995a: 1051 (census); Gronenberg, 1995: 391 (mandible morphology); Shattuck, 1999: 194 (Australia synopsis); Zhou, 2001b: 25 (China, Guangxi species key);

Bolton, 2003: 164 (synopsis); Deyrup & Cover, 2004b: 141 (U.S.A. species key); Yoshimura, Onoyama & Ogata, 2007: 89 (Japan species key); Fisher & Smith, 2008: 13 (**Malagasy species revision, key**); Rodríguez, in Fernández, 2008: 151 (**Neotropical species key**); Sorger & Zettel, 2011: 143 (Philippines species key); Sarnat & Economo, 2012: 158 (Fiji Is species key); MacGown, *et al.* 2014: 521 (Nearctic species key); Schmidt & Shattuck, 2014: 114 (diagnosis, synopsis).

Genus **ODONTOPONERA**

Odontoponera Mayr, 1862: 713 (diagnosis in key), 717. Type-species: *Ponera denticulata* Smith, F. 1858b: 90, by monotypy.

Taxonomic history

Odontoponera in Ponerinae: Mayr, 1862: 713 [Poneridae]; Mayr, 1865: 12 [Poneridae]; Dalla Torre, 1893: 30.

Odontoponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Odontoponera in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1900d: 314; Wheeler, W.M. 1910g: 135; Emery, 1911d: 60 [subtribe Pachycondylini]; Forel, 1917: 237; Wheeler, W.M. 1922a: 646; all subsequent authors.

Odontoponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 119.

Odontoponera as genus: all authors.

Odontoponera catalogues: Roger, 1863b: 18; Mayr, 1863: 437; Dalla Torre, 1893: 30; Emery, 1911d: 60; Chapman & Capco, 1951: 67 (Asia); Bolton, 1995b: 298; Schmidt & Shattuck, 2014: 121 (checklist).

Odontoponera references: Mayr, 1865: 12 (diagnosis); Mayr, 1867a: 82 (diagnosis); Bingham, 1903: 72 (diagnosis); Emery, 1911d: 60 (diagnosis); Creighton, 1929: 151 (infraspecific taxa, key); Bolton, 1995a: 1051 (census); Bolton, 2003: 165 (synopsis); Yamane, 2009: 1 (review of genus); Schmidt & Shattuck, 2014: 119 (diagnosis, synopsis).

Genus **OPHTHALMOPONE**

Ophthalmapone Forel, 1890b: cxii. Type-species: *Ophthalmapone berthoudi* Forel, 1890b: cxiii, by monotypy.

Taxonomic history

Ophthalmapone in Ponerinae: Dalla Torre, 1893: 31.

Ophthalmapone in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Ophthalmapone in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 69 [subtribe Pachycondylini]; Arnold, 1915: 49; Forel, 1917: 237; Wheeler, W.M. 1922a: 647; all subsequent authors.

Ophthalmopone in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 122.

Ophthalmopone as junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Ophthalmopone as genus: Dalla Torre, 1893: 31; Emery, 1911d: 69; Arnold, 1915: 49, Wheeler, W.M. 1922a: 768; Schmidt & Shattuck, 2014: 122.

***Ophthalmopone* catalogues:** Dalla Torre, 1893: 31; Emery, 1911d: 69; Wheeler, W.M. 1922a: 768; Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 124 (checklist).

***Ophthalmopone* references:** Emery, 1911d: 69 (diagnosis); Arnold, 1915: 49, 50 (diagnosis, key); Schmidt & Shattuck, 2014: 122 (diagnosis, synopsis).

Genus **PACHYCONDYLA**

Pachycondyla Smith, F. 1858b: 105. Type-species: *Formica crassinoda* Latreille, 1802c: 198, by subsequent designation of Emery, 1901a: 42.

Taxonomic history

Pachycondyla in Poneridae: Smith, F. 1858b: 105; Smith, 1871a: 324.

Pachycondyla in Ponerinae: Mayr, 1862: 713 [Poneridae]; Mayr, 1865: 13 [Poneridae]; Dalla Torre, 1893: 32.

Pachycondyla in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Pachycondyla in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1895b: 114; Forel, 1899c: 10; Wheeler, W.M. 1910g: 135; Emery, 1911d: 73 [subtribe Pachycondylini]; Arnold, 1915: 53; Forel, 1917: 237; Wheeler, W.M. 1922a: 648; all subsequent authors.

Pachycondyla in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 152.

Pachycondyla as genus: all authors.

***Pachycondyla* catalogues:** Roger, 1863b: 18; Mayr, 1863: 439; Dalla Torre, 1893: 32; Emery, 1911d: 73; Smith, M.R. 1951a: 785 (North America); Kempf, 1972a: 174; Smith, D.R. 1979: 1339 (North America); Brandão, 1991: 365 (Neotropical); Bolton, 1995b: 302 (*Pachycondyla sensu lato*); Schmidt & Shattuck, 2014: 155 (checklist).

***Pachycondyla* references:** Mayr, 1862: 719 (diagnosis); Mayr, 1865: 13 (diagnosis); Mayr, 1870a: 396 (Colombia + Panama (= New Grenada) species key); Emery, 1890a: 71 (Neotropical species key); Emery, 1911d: 73 (diagnosis, subgenera key); Kempf, 1961b: 192 (Brazil species key); Kempf, 1964e: 51 (**Neotropical species key**); Alayo, 1974: 7 (Cuba species key); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1051 (*Pachycondyla sensu lato* census); Wu, J. & Wang, 1995: 45 (*Pachycondyla sensu lato*, China species key); Xu, 1995b: 104 (*Pachycondyla sensu lato*, China species key); Collingwood & Agosti, 1996: 310 (*Pachycondyla sensu lato*, Saudi Arabia species key); Kim, Kim

& Kim, 1998: 147 (*Pachycondyla sensu lato*, Korea species key); Shattuck, 1999: 196 (*Pachycondyla sensu lato*, Australia fauna synopsis); Zhou, 2001b: 35 (*Pachycondyla sensu lato*, China, Guangxi species key); Dlussky & Rasnitsyn, 2002: 424 (*Pachycondyla sensu lato*, wingless female fossils, diagnosis); Wild, 2002: 4 (*Pachycondyla sensu lato*, Paraguay species key); Bolton, 2003: 165 (*Pachycondyla sensu lato*, synopsis); Mackay, Mackay, Fernández & Arias-Penna, in Fernández, 2008: 172 (*Pachycondyla sensu lato*, **Neotropical species key**); Terayama, 2009: 108 (*Pachycondyla sensu lato*, Taiwan species keys); Heterick, 2009: 134 (*Pachycondyla sensu lato*, south-western Australia species key); Mackay & Mackay, 2010: 4 (*Pachycondyla sensu lato*, diagnosis, **New World species revision, key**: 107); Dlussky & Wedmann, 2012: 746 (*Pachycondyla sensu lato*, Germany Eocene fossils key); Schmidt & Shattuck, 2014: 152 (diagnosis, synopsis).

Genus **PALTOHYREUS**

Paltothyreus Mayr, 1862: 714 (diagnosis in key), 735. Type-species: *Formica tarsata* Fabricius, 1798: 280, by monotypy.

Taxonomic history

Paltothyreus in Ponerinae: Mayr, 1862: 714 [Poneridae]; Mayr, 1865: 15 [Poneridae]; Dalla Torre, 1893: 32.

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

Paltothyreus in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 62 [subtribe Pachycondylini]; Arnold, 1915: 43; Forel, 1917: 237; Wheeler, W.M. 1922a: 647; all subsequent authors.

Paltothyreus in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 124.

Paltothyreus as junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164; Bolton, 2003: 166.

Paltothyreus as genus: Roger, 1863b: 17; Mayr, 1863: 440; Dalla Torre, 1893: 32; Emery, 1911d: 62; Arnold, 1915: 43 (diagnosis); Wheeler, W.M. 1922a: 763; Schmidt & Shattuck, 2014: 124.

Paltothyreus catalogues: Roger, 1863b: 17; Mayr, 1863: 440; Dalla Torre, 1893: 32; Emery, 1911d: 62; Wheeler, W.M. 1922a: 763; Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 127 (checklist).

Paltothyreus references: Mayr, 1865: 15 (diagnosis); Emery, 1911d: 62 (diagnosis); Arnold, 1915: 43 (diagnosis); Wheeler, W.M. 1922a: 60 (diagnosis); Schmidt & Shattuck, 2014: 124 (diagnosis, synopsis).

Genus **PARVAPONERA**

Parvaponera Schmidt & Shattuck, 2014: 198. Type-species: *Belonopelta darwinii* Forel, 1893d: 460, by original designation.

Taxonomic history

Parvaponera in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 198.

Parvaponera catalogues: Schmidt & Shattuck, 2014: 200 (checklist).

Genus **PHRYNOPONERA**

Phrynoponera Wheeler, W.M. 1920: 53. Type-species: *Bothroponera gabonensis* André, 1892a: 50, by original designation.

Taxonomic history

Phrynoponera in Ponerinae, Ponerini: Wheeler, W.M. 1922a: 648; all subsequent authors.

Phrynoponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 127.

Phrynoponera as junior synonym of *Pachycondyla*: Brown, 1973b: 183 [provisional]; Snelling, R.R. 1981: 389.

Phrynoponera as genus: Wheeler, W.M. 1920: 53; Wheeler, W.M. 1922a: 75; Bolton, 1994: 165; all subsequent authors.

Phrynoponera catalogues: Wheeler, W.M. 1922a: 773; Bolton, 1995b: 334; Schmidt & Shattuck, 2014: 129 (checklist).

Phrynoponera references: Wheeler, W.M. 1922a: 75 (diagnosis, all species key); Bolton & Fisher, 2008b: 41 (diagnosis, all species revision, key); Schmidt & Shattuck, 2014: 127 (diagnosis, synopsis).

Genus **PLECTROCTENA**

Plectroctena Smith, F. 1858b: 101. Type-species: *Plectroctena mandibularis* Smith, F. 1858b: 101, by monotypy.

Taxonomic history

Plectroctena in Poneridae: Smith, F. 1858b: 101.

Plectroctena in Ponerinae: Mayr, 1862: 713 [Poneridae]; Mayr, 1865: 12 [Poneridae]; Dalla Torre, 1893: 31.

Plectroctena in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Plectroctena in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 94 [subtribe Plectroctenini]; Arnold, 1915: 84; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Plectroctena in Ponerinae, Ponerini, *Plectroctena* genus group: Schmidt & Shattuck, 2014: 174.

Plectroctena as genus: all authors.

Junior synonym of *PLECTROCTENA*

Cacopone Santschi, 1914d: 325. Type-species: *Cacopone hastifer* Santschi, 1914d: 325, by monotypy.

Taxonomic history

Cacopone in Ponerinae, Ponerini: Forel, 1917: 238 [subtribe Plectroctenini]; Wheeler, W.M. 1922a: 650; Santschi, 1924a: 159; Donisthorpe, 1943f: 629.

Cacopone as junior synonym of *Plectroctena*: Bolton, 1974c: 313.

***Plectroctena* catalogues:** Roger, 1863b: 19; Mayr, 1863: 442; Dalla Torre, 1893: 31; Emery, 1911d: 94; Wheeler, W.M. 1922a: 783, 785, 786 (*Plectroctena*, *Myopias*, *Cacopone*); Bolton, 1995b: 337; Schmidt & Shattuck, 2014: 177 (checklist).

***Plectroctena* references:** Mayr, 1865: 12 (diagnosis); Emery, 1911d: 94 (diagnosis); Arnold, 1915: 84 (diagnosis, South Africa species); Wheeler, W.M. 1922a: 85 (diagnosis); Santschi, 1924a: 172 (all species revision, key); Bolton, 1974c: 309 (diagnosis, **all species revision, key**); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1052 (census); Bolton & Brown, 2002: 11 (**all species key**); Bolton, 2003: 169 (synopsis); Schmidt & Shattuck, 2014: 174 (diagnosis, synopsis).

Genus *PONERA*

Ponera Latreille, 1804: 179. Type-species: *Formica coarctata* Latreille, 1802b: 65, by subsequent designation of Westwood, 1840a: 83 (see discussion in Taylor, 1967a: 6).

Taxonomic history

Ponera in Ponérites: Lepeletier de Saint-Fargeau, 1835: 188.

Ponera in Poneridae: Smith, F. 1858b: 83; Smith, F. 1871a: 320.

Ponera in Ponerinae: Mayr, 1855: 386 [Poneridae]; Smith, F. 1857a: 65 [Poneridae]; Mayr, 1861: 54 [Poneridae]; Mayr, 1862: 713 [Poneridae]; Mayr, 1865: 13 [Poneridae]; Emery & Forel, 1879a: 455 [Poneridae]; Dalla Torre, 1893: 37.

Ponera in Ponerinae, Ponerini: Emery, 1895j: 767; Forel, 1899c: 15; Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 135; Emery, 1911d: 88 [subtribe Ponerini]; Wheeler, W.M. 1915h: 38; Arnold, 1915: 77; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Ponera in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 200.

Ponera as genus: all authors.

Junior synonyms of *PONERA*

Pseudocryptopone Wheeler, W.M. 1933g: 12. Type-species: *Cryptopone tenuis* Emery, 1900c: 321, by original designation.

Taxonomic history

Pseudocryptopone in Ponerinae, Ponerini: Donisthorpe, 1943g: 722.

Pseudocryptopone as junior synonym of *Ponera*: Wilson, 1957b: 356.

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 junior synonym of *Ponera*: Wilson, 1957b: 356.

Pteroponera Bernard, 1950a: 3. Type-species: *Pteroponera sysphinctoides* Bernard, 1950a: 4, by monotypy.

Taxonomic history

Pteroponera as junior synonym of *Ponera*: Brown, 1973b: 184 [provisional]; Brown, in Bolton, 1994: 164.

Ponera catalogues: [Prior to 1967 catalogues include *Hypoponera* + *Ponera* species.] Roger, 1863b: 16; Mayr, 1863: 447; Emery & Forel, 1879: 455 (Europe); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 37; Emery, 1911d: 90; Wheeler, W.M. 1922a: 780, 1009 (Afrotropical, Malagasy); Chapman & Capco, 1951: 68, 73, 74 (Asia *Ponera*, *Pseudocryptopone*, *Selenopone*); Smith, M.R. 1951a: 786 (North America); Smith, D.R. 1979: 1341 (North America); Taylor & Brown, D.R. 1985: 38 (Australia); Taylor, 1987a: 63 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 360; Schmidt & Shattuck, 2014: 204 (checklist).

Ponera references: [Prior to 1967 references include *Hypoponera* + *Ponera* species.] Mayr, 1855: 386 (diagnosis); Smith, F. 1858b: 83 (diagnosis); Mayr, 1862: 721 (diagnosis); Mayr, 1865: 13 (diagnosis); Mayr, 1867a: 85 (diagnosis); Forel, 1874: 64 (Switzerland species key); Mayr, 1879: 661 (all species key); André, 1882c: 239 (Europe & Algeria species key); Emery, 1895b: 60 (Mediterranean species key); Emery, 1896g: 53 (New World species key); Emery, 1900c: 316 (Australia, Papuasia & Oceania species key); Forel, 1900d: 322 (India & Sri Lanka *Ponera* (*Ponera*) species key); Bingham, 1903: 89 (India, Sri Lanka & Burma species key); Emery, 1909c: 367 (Palaearctic species key); Emery, 1911d: 88 (diagnosis); Arnold, 1915: 76 (diagnosis, South Africa species key); Emery, 1916b: 107 (Italy species key); Bondroit, 1918: 81 (France & Belgium species key); Gallardo, 1918b: 73 (Argentina species key); Mann, 1921: 419 (Fiji Is species key); Menozzi, 1931b: 266 (Costa Rica species key); Wheeler, W.M. 1933g: 13 (*Pseudocryptopone* species key); Smith, M.R. 1936: 420 (North America species key); Stitz,

1939: 58 (Germany species key); Creighton, 1950a: 47 (**Nearctic species key**); Wilson, 1957b: 359, 376 (*P. tenuis*, *P. selenophora* groups revisions, keys); Wilson, 1958d: 323, 343 (Melanesia & Moluccas species, Fiji Is species revisions, keys); Brown, 1958h: 22 (New Zealand species); Taylor, 1960: 180 (*P. leae* complex, key); Taylor, 1964: 139 (*fossil species, review); Taylor, 1967a: 18 (diagnosis, **all species revision, key**); Bernard, 1967: 83 (diagnosis, Western Europe species key); Morisita, Kubota, *et al.* 1989: 22 (Japan species key); Perrault, 1993: 337 (addition to Taylor, 1967a key); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1052 (census); Terayama, 1996: 14 (Japan species key); Kim, Kim & Kim, 1998: 149 (Korea species key); Shattuck, 1999: 199 (Australia synopsis); Xu, 2001a: 52 and Xu, 2001c: 218 (China species keys); Zhou, 2001b: 37 (China, Guangxi species key); Bolton, 2003: 170 (synopsis); Yoshimura, Hosoishi, *et al.* 2009: 200 (Japan species key); Terayama, 2009: 109 (Taiwan species key); Sarnat & Economo, 2012: 162 (Fiji Is species key); Schmidt & Shattuck, 2014: 202 (diagnosis, synopsis).

Genus **PROMYPIAS**

Promyopias Santschi, 1914d: 323 [as subgenus of *Myopias*]. Type-species: *Myopias (Promyopias) silvestrii* Santschi, 1914d: 324, by monotypy.

Taxonomic history

Promyopias in Ponerinae, Ponerini: Forel, 1917: 238 [subtribe Plectroctenini]; Wheeler, W.M. 1922a: 649; Santschi, 1924a: 158; all subsequent authors.

Promyopias in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 129.

Promyopias as subgenus of *Myopias*: Santschi, 1914d: 323; Forel, 1917: 238.

Promyopias as subgenus of *Pseudoponera*: Wheeler, W.M. 1922a: 649.

Promyopias as junior synonym of *Centromyrmex*: Brown, 1973b: 184 [provisional]; Bolton, 1994: 164; Bolton, 1995b: 44; Bolton, 2003: 160.

Promyopias as genus: Emery, 1915g: 26; Santschi, 1924a: 158; Brown, 1963: 10; Bolton & Fisher, 2008c: 28.

Promyopias catalogues: Wheeler, W.M. 1922a: 779 (*Pseudoponera (Promyopias)*); Schmidt & Shattuck, 2014: 131 (checklist).

Promyopias references: Bolton & Fisher, 2008c: 28 (diagnosis, revision); Schmidt & Shattuck, 2014: 129 (diagnosis, synopsis).

Genus **PSALIDOMYRMEX**

Psalidomyrmex André, 1890: 313. Type-species: *Psalidomyrmex foveolatus* André, 1890: 314, by monotypy.

Taxonomic history

Psalidomyrmex in Ponerinae: Dalla Torre, 1893: 31.

Psalidomyrmex in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Psalidomyrmex in Ponerinae, Ponerini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Emery, 1911d: 95 [subtribe Plectroctenini]; Forel, 1917: 238; Wheeler, W.M. 1922a: 650; all subsequent authors.

Psalidomyrmex in Ponerinae, Ponerini, *Plectroctena* genus group: Schmidt & Shattuck, 2014: 177.

Psalidomyrmex as genus: all authors.

***Psalidomyrmex* catalogues:** Dalla Torre, 1893: 31; Emery, 1911d: 95; Wheeler, W.M. 1922a: 785; Bolton, 1995b: 369; Schmidt & Shattuck, 2014: 179 (checklist).

***Psalidomyrmex* references:** Emery, 1911d: 95 (diagnosis); Wheeler, W.M. 1922a: 89, 90 (diagnosis, all species key); Bolton, 1975b: 1 (diagnosis, **all species revision, key**); Bolton, 1994: 164 (synoptic classification); Bolton, 1995a: 1052 (census); Bolton & Brown, 2002: 8 (**all species key**); Bolton, 2003: 170 (synopsis); Schmidt & Shattuck, 2014: 177 (diagnosis, synopsis).

Genus **PSEUDONEOPONERA**

Pseudoneoponera Donisthorpe, 1943d: 439. Type-species: *Pseudoneoponera verecunda* Donisthorpe, 1943d: 439, by original designation.

Taxonomic history

Pseudoneoponera in Ponerinae, Pseudoneoponerini: Chapman & Capco, 1951: 77.

Pseudoneoponera in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 131.

Pseudoneoponera as junior synonym of *Bothroponera*: Wilson, 1958d: 361.

Pseudoneoponera as junior synonym of *Pachycondyla*: Brown, 1973b: 184 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 168.

Pseudoneoponera as genus: Schmidt & Shattuck, 2014: 131.

***Pseudoneoponera* catalogues:** Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 135 (checklist).

***Pseudoneoponera* references:** Schmidt & Shattuck, 2014: 132 (diagnosis, synopsis).

Genus **PSEUDOPONERA**

Pseudoponera Emery, 1900c: 314 [as subgenus of *Pachycondyla*]. Type-species: *Ponera quadridentata* Smith, F. 1859a: 143 (junior synonym of *Formica stigma* Fabricius, 1804: 400), by monotypy.

Taxonomic history

[*Pseudoponera* also described as new by Emery, 1901a: 42. Type-species not *Ponera amblyops* Emery, 1887b: 434, unjustified subsequent designation by Emery, 1901a: 42; repeated in Wheeler, W.M. 1911f: 171, Wheeler, W.M. 1922a: 779; Donisthorpe, 1943g: 723.]

Pseudoponera in Pachycondylinae, Pachycondylini: Ashmead, 1905b: 382.

Pseudoponera in Ponerinae, Ponerini: Emery, 1911d: 86 [subtribe Pachycondylini]; Forel, 1917: 238; all subsequent authors.

Pseudoponera in Ponerinae, Ponerini, *Ponera* genus group: Schmidt & Shattuck, 2014: 205.

Pseudoponera as subgenus of *Pachycondyla*: Emery, 1900c: 314; Emery, 1901a: 42.

Pseudoponera as subgenus of *Euponera*: Forel, 1900c: 141; Forel, 1900e: 398; Emery, 1909c: 364; Wheeler, W.M. 1910g: 135.

Pseudoponera as junior synonym of *Pachycondyla*: Brown, 1973b: 184 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164; Bolton, 2003: 167.

Pseudoponera as genus: Bingham, 1903: 91; Ashmead, 1905b: 382; Emery, 1911d: 86; Forel, 1917: 238; Wheeler, W.M. 1922a: 649; Donisthorpe, 1943g: 722; Chapman & Capco, 1951: 74; Schmidt & Shattuck, 2014: 205.

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; all subsequent authors.

Trachymesopus as subgenus of *Euponera*: Emery, 1911d: 84; Arnold, 1915: 74; 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.

Trachymesopus as genus: Wilson, 1958d: 352; Kempf, 1960f: 423; Brown, 1963: 6; Kempf, 1972a: 251; Taylor & Brown, D.R. 1985: 52; Ogata, 1987: 114; Dlussky & Fedoseeva, 1988: 78.

Trachymesopus as junior synonym of *Pachycondyla*: Brown, 1973b: 185 [provisional]; Snelling, R.R. 1981: 389; Hölldobler & Wilson, 1990: 11; Brown, in Bolton, 1994: 164.

Trachymesopus as junior synonym of *Pseudoponera*: Bolton, 1995b: 48 (because of synonymous type-species); Bolton, 2003: 168.

[*Trachyponera*: incorrect subsequent spelling by Santschi, 1928a: 43.]

Pseudoponera catalogues: Emery, 1911d: 84, 86 (*Euponera (Trachymesopus)*, *Pseudoponera*); Wheeler, W.M. 1922a: 778 (Afrotropical *Euponera (Trachymesopus)*); Wheeler, W.M. 1922a: 1009 (Malagasy *Euponera (Trachymesopus)*); Chapman & Capco, 1951: 74 (Asia *Pseudoponera*); Smith, M.R. 1951a: 786 (North America *Trachymesopus*); Kempf, 1972a: 251 (Neotropical *Trachymesopus*); Taylor & Brown, D.R. 1985: 52 (Australia *Trachymesopus*); Taylor, 1987a: 80 (Australia, New Caledonia & New Zealand *Trachymesopus*); Brandão, 1991: 382 (Neotropical *Trachymesopus*); Bolton, 1995b: 302 (as part of *Pachycondyla*); Schmidt & Shattuck, 2014: 208 (checklist).

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Pseudoponera references: Bingham, 1903: 91 (India, Sri Lanka & Burma *Pseudoponera* key); Emery, 1911d: 84, 86 (*Euponera (Trachymesopus)*, *Pseudoponera* diagnoses); Arnold, 1915: 74 (South Africa *Euponera (Trachymesopus)*); Creighton, 1950a: 45 (Nearctic *Euponera (Trachymesopus)* species key); Brown, 1963: 6 (review of *Trachymesopus*); Morisita, Kubota, et al. 1989: 20 (Japan *Trachymesopus* species); Schmidt & Shattuck, 2014: 205 (diagnosis, synopsis).

[See also references under *Pachycondyla*, *sensu lato*.]

Genus **RASOPONE**

Rasopone Schmidt & 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 & Shattuck, 2014: 208.

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

Genus **SIMOPELTA**

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; all subsequent authors.

Simopelta in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 156.

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

Simopelta as junior synonym of *Belonopelta*: Baroni Urbani, 1975b: 296.

Simopelta as genus: Wheeler, W.M. 1935d: 8; Gotwald & Brown, 1967: 261; Kempf, 1972a: 230; Hölldobler & Wilson, 1990: 11; Bolton, 1994: 164; all subsequent authors.

Simopelta catalogues: Kempf, 1972a: 230; Bolton, 1995b: 383; Schmidt & Shattuck, 2014: 158 (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, 1995a: 1052 (census); Bolton, 2003: 170 (synopsis); Mackay & Mackay, in Fernández, 2008: 202 (Colombia species key); Mackay & Mackay, 2008: 290 (**all species revision, key**); Schmidt & Shattuck, 2014: 156 (diagnosis, synopsis).

Genus **STREBLOGNATHUS**

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.

Strebognathus in Pachycondylinae, Ectatommini: 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; Wheeler, W.M. 1922a: 646; all subsequent authors.

Strebognathus in Ponerinae, Ponerini, *Odontomachus* genus group: Schmidt & Shattuck, 2014: 135.

Strebognathus as genus: all authors.

Strebognathus catalogues: Roger, 1863b: 19; Mayr, 1863: 454; Dalla Torre, 1893: 31; Emery, 1911d: 61; Wheeler, W.M. 1922a: 763; Bolton, 1995b: 395; Schmidt & Shattuck, 2014: 137 (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 & Shattuck, 2014: 135 (diagnosis, synopsis).

Genus **THAUMATOMYRMEX**

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

Taxonomic history

Thaumatomyrmex in Ponerinae: Dalla Torre, 1893: 46.

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

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

Thaumatomyrmex in Ponerinae, Ponerini: Forel, 1895b: 111; Kempf, 1972a: 250; Kempf, 1975b: 95; Jaffe, 1993: 8.

Thaumatomyrmex in Ponerinae, Thaumatomyrmecini: Emery, 1901a: 36 [Thaumatomyrmii]; 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.

Thaumatomyrmex in Ponerinae, Ponerini, *Pachycondyla* genus group: Schmidt & Shattuck, 2014: 159.

Thaumatomyrmex as genus: all authors.

***Thaumatomyrmex* catalogues:** Dalla Torre, 1893: 46; Emery, 1911d: 48; Kempf, 1972a: 250; Bolton, 1995b: 420; Schmidt & Shattuck, 2014: 161 (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, 1995a: 1053 (census); Bolton, 2003: 44, 171 (diagnosis, synopsis); Baroni Urbani & De Andrade, 2003a: 276 (Cuba species key); Jahyny, Lacau, *et al.* 2008: 335 (Colombia species key); Fernández, 2008: 211 (**all species key**); Schmidt & Shattuck, 2014: 159 (diagnosis, synopsis).

Genera *incertae sedis* in Ponerini

Genus ***ARCHIPONERA**

**Archiponera* Carpenter, 1930: 27. Type-species: **Archiponera wheeleri* Carpenter, 1930: 27, by original designation.

Taxonomic history

**Archiponera* in Ponerinae, Ectatommini: Wheeler, W.M. 1930f: 13 (in text).

**Archiponera* in Ponerinae, *Archiponerini: Dlussky & Fedoseeva, 1988: 78.

**Archiponera* in Ponerinae, Ponerini: Carpenter, 1930: 27; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164; Bolton, 1995b: 75; Bolton, 2003: 172.

**Archiponera* as genus: all authors.

Genus ***CEPHALOPONE**

**Cephalopone* Dlussky & Wedmann, 2012: 741. Type-species: **Cephalopone potens* Dlussky & Wedmann, 2012: 741, by original designation.

Taxonomic history

**Cephalopone* in Ponerinae, Ponerini: Dlussky & Wedmann, 2012: 741.

**Cephalopone* as genus: all authors.

Genus ***CYRTOPONE**

**Cyrtopone* Dlussky & Wedmann, 2012: 742. Type-species: **Cyrtopone microcephala* Dlussky & Wedmann, 2012: 743, by original designation.

Taxonomic history

**Cyrtopone* in Ponerinae, Ponerini: Dlussky & Wedmann, 2012: 742.

**Cyrtopone* as genus: all authors.

Genus ***MESSELEPONE**

**Messelepone* Dlussky & Wedmann, 2012: 745. Type-species: **Messelepone leptogenoides* Dlussky & Wedmann, 2012: 745, by monotypy.

Taxonomic history

**Messelepone* in Ponerinae, Ponerini: Dlussky & Wedmann, 2012: 745.

**Messelepone* as genus: all authors.

Genus ***PONERITES**

**Ponerites* Dlussky & Rasnitsyn, 2002: 423. Type-species: **Ponerites eocenicus* Dlussky & Rasnitsyn, 2002: 423, by original designation.

Taxonomic history

**Ponerites* Dlussky, 1981b: 67 [collective group name].

**Ponerites* in Ponerinae, Ponerini: Dlussky, 1981b: 67; Bolton, 1995b: 363; Dlussky & Rasnitsyn, 2002: 423.

**Ponerites* as genus: all authors.

***Ponerites references:** Dlussky & Putyatina, 2014: 267 (diagnosis).

Genus ***PROTOPONE**

**Protopone* Dlussky, 1988: 52. Type-species: **Protopone primigena* Dlussky, 1988: 53, by original designation.

Taxonomic history

**Protopone* in Ponerinae: Dlussky, 1988: 52.

**Protopone* in Ponerinae, Ponerini: Dlussky & Fedoseeva, 1988: 78; Bolton, 1994: 164; Bolton, 1995b: 369; Bolton, 2003: 172.

**Protopone* as genus: all authors.

***Protopone references:** Dlussky & Wedmann, 2012: 746 (Germany Eocene fossils key).

Genera *incertae sedis* in PONERINAE

Genus ***AFROPONE**

**Afropone* Dlussky, Brothers & Rasnitsyn, 2004: 5. Type-species: **Afropone oculata* Dlussky, Brothers & Rasnitsyn, 2004: 7, by original designation.

Taxonomic history

**Afropone* in Ponerinae: Dlussky, Brothers & Rasnitsyn, 2004: 5.

**Afroponera* as genus: all authors.

***Afropone references:** Archibald, Cover & Moreau, 2006: 511 (discussion of taxonomy).

Genus ***EOGORGITES**

**Eogorgites* Hong, 2002: 525. Type-species: **Eogorgites cingulatus* Hong, 2002: 526, by original designation.

Taxonomic history

**Eogorgites* in Ponerinae: Hong, 2002: 525. [Note: possibly Cerapachyinae.]

Genus ***EOPONERITES**

**Eoponerites* Hong, 2002: 533. Type-species: **Eoponerites longipetiolatus* Hong, 2002: 533, by original designation.

Taxonomic history

**Eoponerites* in Ponerinae: Hong, 2002: 533.

Genus ***FURCISUTURA**

**Furcisutura* Hong, 2002: 530. Type-species: **Furcisutura wanghuacunensis* Hong, 2002: 530, by original designation.

Taxonomic history

**Furcisutura* in Ponerinae: Hong, 2002: 530.

Genus ***LONGICAPITIA**

***Longicapitia** Hong, 2002: 535. Type-species: **Longicapitia reticulata* Hong, 2002: 535, by original designation.

Taxonomic history

**Longicapitia* in Ponerinae: Hong, 2002: 535.

SUBFAMILY PARAPONERINAE

Subfamily PARAPONERINAE

Paraponerii Emery, 1901a: 36. Type-genus: *Paraponera* Smith, F. 1858b: 100.

Taxonomic history

Paraponerinae as poneromorph subfamily of Formicidae: Bolton, 2003: 47, 178.

Paraponerinae as poneroid subfamily of Formicidae: Ouellette, Fisher, *et al.* 2006: 365; Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell *et al.* 2006: 102; Ward, 2007a: 555.

Tribe of Paraponerinae: Paraponerini.

Tribe PARAPONERINI

Paraponerii Emery, 1901a: 36. Type-genus: *Paraponera* Smith, F. 1858b: 100.

Taxonomic history

Paraponerini as junior synonym of Ectatommini: Brown, 1958g: 176; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

Paraponerini as tribe of Ponerinae: Emery, 1901a: 36 [Paraponerii]; Emery, 1911d: 27; Forel, 1917: 236; Wheeler, W.M. 1922a: 637; Jaffe, 1993: 7; Lattke, 1994: 111; Bolton, 1995b: 14.

Paraponerini as tribe of Paraponerinae: Bolton, 2003: 48; 178.

Genus of Paraponerini: *Paraponera*.

Genus **PARAPONERA**

Paraponera Smith, F. 1858b: 100. Type-species: *Formica clavata* Fabricius, 1775: 394, by monotypy.

Taxonomic history

Paraponera in Poneridae: Smith, F. 1858b: 100.

Paraponera in Ponerinae: Mayr, 1862: 714 [Poneridae]; Mayr, 1865: 14 [Poneridae]; Dalla Torre, 1893: 18.

Paraponera in Ponerinae, Ponerini: Forel, 1895b: 111; Forel, 1899c: 10.

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

Paraponera in Ponerinae, Ectatommini: Emery, 1895j: 767; Wheeler, W.M. 1910g: 135; Brown, 1954e: 25 (in text); Brown, 1958g: 205; Kusnezov, 1964: 50; Kempf, 1972a: 181; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

Paraponera in Ponerinae, Paraponerini: Emery, 1911d: 27; Forel, 1917: 236; Wheeler, W.M. 1922a: 641; Donisthorpe, 1943f: 681; Jaffe, 1993: 7; Lattke, 1994: 111.

Paraponera in Paraponerinae, Paraponerini: Bolton, 2003: 48.

Paraponera as genus: all authors.

Paraponera catalogues: Roger, 1863b: 18; Mayr, 1863: 440; Dalla Torre, 1893: 18; Emery, 1911d: 27; Kempf, 1972a: 181; Bolton, 1995b: 312;

Paraponera references: Mayr, 1862: 730 (diagnosis); Mayr, 1865: 14 (diagnosis); Emery, 1911d: 27 (diagnosis); Brown, 1958g: 205 (review of genus); Kugler, C. 1991: 154 (sting structure); Lattke, 1994: 111 (review of genus, phylogeny); Bolton, 1995a: 1051 (census); Bolton, 2003: 47, 178 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Moreau, Bell *et al.* 2006: 102 (phylogeny); Ward, 2007a: 555 (classification); Keller, 2011: 1 (morphology, phylogeny).

SUBFAMILY **PROCERATIINAE**

Subfamily **PROCERATIINAE**

Proceratii Emery, 1895j: 765. Type-genus: *Proceratium* Roger, 1863a: 171.

Taxonomic history

Proceratiinae as poneromorph subfamily of Formicidae: Bolton, 2003: 48, 178.

Proceratiinae as poneroid subfamily of Formicidae: Ouellette, Fisher, *et al.* 2006: 365; Brady, Schultz, *et al.* 2006: 18173; Moreau, Bell *et al.* 2006: 102; Ward, 2007a: 555.

Proceratiinae references: Bolton, 2003: 48, 178 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny); Brady, Schultz, *et al.* 2006: 18173 (phylogeny); Moreau, Bell *et al.* 2006: 102 (phylogeny); Ward, 2007a: 555 (classification); Fernández & Arias-Penna, 2008: 31 (Neotropical genera key); Yoshimura & Fisher, 2009: 8 (Malagasy males diagnosis, key); Terayama, 2009: 96 (Taiwan genera key); Keller, 2011: 1 (morphology, phylogeny).

Tribes of Proceratiinae: Probolomyrmecini, Proceratiini.

Tribe PROCRETIINI

Proceratii Emery, 1895j: 765. Type-genus: *Proceratium* Roger, 1863a: 171.

Taxonomic history

Proceratiini as tribe of Dorylinae: Emery, 1895j: 765 [Proceratii].

Proceratiini as junior synonym of Ectatommini: Brown, 1958g: 176; Taylor, 1980c: 354; Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

Proceratiini as tribe of Ponerinae: Emery, 1901a: 36 [Proceratii]; Wheeler, W.M. 1910g: 136 [Proceratii]; Ashmead, 1905b: 382; Emery, 1911d: 49; Wheeler, W.M. 1915h: 27; Arnold, 1915: 33; Forel, 1917: 236; Wheeler, W.M. 1922a: 638; Kusnezov, 1964: 51; Wheeler, G.C. & Wheeler, J. 1976b: 49; Wheeler, G.C. & Wheeler, J. 1985: 256; Jaffe, 1993: 8; Lattke, 1994: 112; Bolton, 1995b: 15.

Proceratiini as tribe of Proceratiinae: Bolton, 2003: 49, 178.

Junior synonym of PROCRETIINI

Discothyridinae Clark, 1951: 15 (in key). Type-genus: *Discothyrea* Roger, 1863a: 176.

Taxonomic history

Discothyridinae as subfamily of Formicidae: Clark, 1951: 15.

Discothyridinae as junior synonym of Ectatommini: Bolton, 1994: 164.

Discothyridinae as junior synonym of Proceratiini: Lattke, 1994: 112 (synonymy implied (*Discothyrea* included in Proceratiini) but not stated); Bolton, 1995b: 10; Bolton, 2003: 178.

Genera (extant) of Proceratiini: *Discothyrea*, *Proceratium*.

Genus (extinct) of Proceratiini: **Bradoponera*.

Proceratiini references: Wheeler, W.M. 1910g: 135 (diagnosis); Emery, 1911d: 49 (diagnosis, genera key); Arnold, 1915: 33 (diagnosis, South Africa genera key); Forel, 1917: 236 (synoptic classification); Wheeler, W.M. 1922a: 644, 761 (genera key, Afrotropical catalogue); Leston, 1971: 119 (Ghana); Wheeler, G.C. & Wheeler, J. 1976b: 49 (larvae, review & synthesis); Kugler, C. 1991: 158 (sting structure); Lattke, 1994: 112 (phylogeny); Bolton, 1995b: 15 (catalogue); Bolton, 2003: 49, 178 (diagnosis, synopsis); General & Alpert, 2012: 77 (Philippines genera key).

Genera of Proceratiini

Genus ***BRADOPONERA**

**Bradoponera* Mayr, 1868c: 73. Type-species: **Bradoponera meieri* Mayr, 1868c: 74, by monotypy.

Taxonomic history

**Bradoponera* in Ponerinae: Mayr, 1868c: 73 [Poneridae]; Dalla Torre, 1893: 18.

**Bradoponera* in Ponerinae, Ectatommini: Dlussky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

**Bradoponera* in Ponerinae, Proceratiini: Wheeler, W.M. 1915h: 32; Donisthorpe, 1943f: 628; Lattke, 1994: 116; Bolton, 1995b: 22.

**Bradoponera* in Proceratiinae, Proceratiini: Bolton, 2003: 49, 179.

**Bradoponera* as genus: all authors.

**Bradoponera* catalogues: Bolton, 1995b: 82.

****Bradoponera* references:** Lattke, 1994: 116 (notes); De Andrade & Baroni Urbani, 2003: 913 (all species revision).

Genus **DISCOTHYREA**

Discothyrea Roger, 1863a: 176. Type-species: *Discothyrea testacea* Roger, 1863a: 177, by monotypy.

Taxonomic history

Discothyrea in Ponerinae: Mayr, 1865: 13 [Poneridae]; Dalla Torre, 1893: 18.

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

Discothyrea in Ponerinae, Proceratiini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 136; Emery, 1911d: 51; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943f: 640; Chapman & Capco, 1951: 76; Kusnezov, 1964: 51; Wheeler, G.C. & Wheeler, J. 1985: 256; Jaffe, 1993: 8; Lattke, 1994: 112.

Discothyrea in Ponerinae, Ectatommini: Brown, 1958g: 248; Kempf, 1972a: 97; Smith, D.R. 1979: 1339; Drusky & Fedoseeva, 1988: 78; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

Discothyrea in Proceratiinae, Proceratiini: Bolton, 2003: 49, 179.

Discothyrea as genus: all authors.

Junior synonyms of *DISCOTHYREA*

Prodiscothyrea Wheeler, W.M. 1916i: 33. Type-species: *Prodiscothyrea velutina* Wheeler, W.M. 1916i: 34, by monotypy.

Taxonomic history

Prodiscothyrea in Ponerinae, Proceratiini: Wheeler, W.M. 1916i: 36; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943f: 687; Chapman & Capco, 1951: 77.

Prodiscothyrea as junior synonym of *Discothyrea*: Brown, 1958g: 248.

Pseudosysphincta Arnold, 1916: 161. Type-species: *Pseudosysphincta poweri* Arnold, 1916: 162, by original designation.

Taxonomic history

Pseudosysphincta in Ponerinae, Proceratiini: Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943g: 723.

Pseudosysphincta as junior synonym of *Discothyrea*: Brown, 1958g: 248.

[*Pseudosphincta*: incorrect subsequent spelling by Wheeler, W.M. 1922a: 645.]

***Discothyrea* catalogues:** Roger, 1863b: 21; Cresson, 1887: 259 (U.S.A.); Dalla Torre, 1893: 18; Emery, 1911d: 51; Wheeler, W.M. 1922a: 761, 762 (Afrotropical *Discothyrea*, *Pseudosysphincta*); Chapman & Capco, 1951: 76, 77 (Asia *Discothyrea*, *Prodiscothyrea*); Smith, M.R. 1951a: 784 (North America); Kempf, 1972a: 97 (Neotropical); Smith, D.R. 1979: 1339 (North America); Taylor & Brown, D.R. 1985: 29 (Australia); Taylor, 1987a: 24 (Australia, New Caledonia & New Zealand); Bolton, 1995b: 171.

***Discothyrea* references:** Mayr, 1865: 13 (diagnosis); Emery, 1911d: 51 (diagnosis); Arnold, 1916: 159 (diagnosis); Weber, 1939a: 99 (Neotropical species key); Brown, 1958g: 248 (review of genus); Brown, 1958h: 19 (New Zealand species); Morisita, Kubota, *et al.* 1989: 16 (Japan species key); Lattke, 1994: 113 (Neotropical species); Bolton, 1995a: 1049 (census); Shattuck, 1999: 184 (Australia synopsis); Bolton, 2003: 179 (synopsis); Sosa-Calvo & Longino, 2008: 223 (Colombia species key); Yoshimura & Fisher, 2009: 9 (Malagasy males diagnosis); Terayama, 2009: 98 (Taiwan species key); Heterick, 2009: 143 (south-western Australia species key); Sarnat & Economo, 2012: 164 (Fiji Is species key); Xu, *et al.* 2014: 34 (Oriental species key).

Genus *PROCRETIUM*

Proceratium Roger, 1863a: 171. Type-species: *Proceratium silaceum* Roger, 1863a: 172, by monotypy.

Taxonomic history

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

Proceratium in Ponerinae, Ponerini: Forel, 1895b: 111.

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

Proceratium in Ponerinae, Ectatommini: Brown, 1958g: 241; Kempf, 1972a: 211; Smith, D.R. 1979: 1338; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164.

Proceratium in Ponerinae, Proceratiini: Ashmead, 1905b: 382; Wheeler, W.M. 1910g: 136; Emery, 1911d: 50; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Wheeler, G.C. & Wheeler, J. 1985: 256; Jaffe, 1993: 8; Lattke, 1994: 112.

Proceratium in Proceratiinae, Proceratiini: Bolton, 2003: 49, 179.

Proceratium as genus: all authors.

Junior synonym of *PROCRETIUM*

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, 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: Emery, 1895c: 262; Wheeler, W.M. 1910g: 136; 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; all subsequent authors.

[*Sysphincta*: incorrect subsequent spelling by Mayr, 1865: 12 (and most subsequent authors).]

***Proceratium* catalogues:** Roger, 1863b: 16, 21 (*Proceratium*, *Sysphingta*); Mayr, 1863: 451, 455 (*Proceratium*, *Sysphingta*); Cresson, 1887: 258 (U.S.A.); Dalla Torre, 1893: 18; Emery, 1911d: 50 (*Proceratium*, *Sysphingta*); Wheeler, W.M. 1922a: 761 (Afrotropical *Sysphingta*); Chapman & Capco, 1951: 77 (Asia *Proceratium*, *Sysphingta*); Smith, M.R. 1951a: 784 (North America *Proceratium*, *Sysphingta*); Kempf, 1972a: 211 (Neotropical); Smith, D.R. 1979: 1338 (North America); Taylor &

Brown, D.R. 1985: 39 (Australia); Taylor, 1987a: 65 (Australia); Brandão, 1991: 373 (Neotropical); Bolton, 1995b: 366.

Proceratium references: Mayr, 1865: 12 (*Sysphingta*, *Proceratium* diagnoses); Emery, 1911d: 50 (*Proceratium*, *Sysphingta* diagnoses); Arnold, 1915: 34 (*Sysphingta* diagnosis); Emery, 1916b: 103 (Italy species key); Kratochvíl, Novák & Šnoflák, 1944: 58, 88 (West Palaearctic species key); Creighton, 1950a: 39 (**Proceratium Nearctic species key**: 39; **Sysphingta Nearctic species species key**: 41); Brown, 1958g: 241 (review of genus); Bernard, 1967: 81 (diagnosis); Snelling, R.R. 1967: 8 (**New World species key**); Brown, 1974a: 81 (species notes); Baroni Urbani, 1977d: 91 (European species, synopsis); Brown, 1980b: 342 (**New World species key**); Terron, 1981: 102 (Afrotropical species notes); Agosti & Collingwood, 1987b: 264 (Balkans species key); Ward, 1988: 116 (**New World species key**); Morisita, Kubota, et al. 1989: 14 (Japan species key); Lattke, 1994: 113 (phylogeny); Bolton, 1995a: 1052 (census); Shattuck, 1999: 203 (Australia synopsis); Xu, 2000c: 434 (China species key); Onoyama & Yoshimura, 2002: 31 (Japan species key); Bolton, 2003: 179 (synopsis); Baroni Urbani & De Andrade, 2003b: 40 (diagnosis, **all species revision**; **Palaearctic species key**: 445; **Indomalayan species key**: 447; **Oceanian species key**: 449; **Afrotropical species key**: 451; **Nearctic and Neotropical species key**: 452; **world species key**: 456); Xu, 2006: 153 (China species key); Sosa-Calvo & Longino, 2008: 228 (**Neotropical species key**); Yoshimura & Fisher, 2009: 13 (Malagasy males diagnosis); Terayama, 2009: 97 (Taiwan species key); Sarnat & Economo, 2012: 166 (Fiji Is species key).

Tribe PROBOLOMYRMECINI

Probolomyrmicinae Perrault, 2000: 271. Type-genus: *Probolomyrmex* Mayr, 1901b: 2.

Taxonomic history

Probolomyrmicinae as subfamily of Formicidae: Perrault, 2000: 271 [Probolomyrmicinae].

Probolomyrmecini as tribe of Proceratiinae: Bolton, 2003: 49, 180.

Genus of Probolomyrmecini: *Probolomyrmex*.

Genus PROBOLOMYRMEX

Probolomyrmex Mayr, 1901b: 2. Type-species: *Probolomyrmex filiformis* Mayr, 1901b: 3, by monotypy.

Taxonomic history

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

Probolomyrmex in Ponerinae, Cerapachyini: Wheeler, W.M. 1910g: 137.

Probolomyrmex in Ponerinae, Proceratiini: Emery, 1911d: 52; Arnold, 1915: 33; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943f: 686; Chapman & Capco, 1951: 77.

Probolomyrmex in Ponerinae, Platythyreini: Brown, 1952k: 1; Brown, 1975: 7; Wheeler, G.C. & Wheeler, J. 1985: 256; Dlussky & Fedoseeva, 1988: 79; Hölldobler & Wilson, 1990: 10; Jaffe, 1993: 7; Bolton, 1994: 164.

Probolomyrmex in Probolomyrmecinae: Perrault, 2000: 271.

Probolomyrmex in Proceratiinae, Probolomyrmecini: Bolton, 2003: 49, 180.

Probolomyrmex as genus: all authors.

Junior synonym of PROBOLOMYRMEX

Escherichia Forel, 1910c: 245. Type-species: *Escherichia brevirostris* Forel, 1910c: 246, by monotypy.

Taxonomic history

Escherichia in Ponerinae, Proceratiini: Emery, 1911d: 53; Forel, 1917: 236; Wheeler, W.M. 1922a: 645; Donisthorpe, 1943f: 644.

Escherichia in Ponerinae, Platythyreini: Brown, 1952k: 1.

Escherichia as junior synonym of *Probolomyrmex*: Taylor, 1965d: 346; all subsequent authors.

Probolomyrmex catalogues: Emery, 1911d: 52, 53 (*Probolomyrmex*, *Escherichia*); Wheeler, W.M. 1922a: 761 (Afrotropical *Probolomyrmex*, *Escherichia*); Kempf, 1972a: 210 (Neotropical); Taylor & Brown, D.R. 1985: 39 (Australia); Taylor, 1987a: 64 (Australia); Bolton, 1995b: 366.

Probolomyrmex references: Emery, 1911d: 52, 53 (*Probolomyrmex*, *Escherichia* diagnoses); Arnold, 1915: 33 (diagnosis); Taylor, 1965d: 352 (diagnosis, **all species revision, key**); Brown, 1975: 7 (diagnosis, review of genus); Morisita, Kubota, *et al.* 1989: 13 (Japan species key); Bolton, 1995a: 1052 (census); Agosti, 1995: 432 (**Neotropical species key**); O'Keefe & Agosti, 1998: 190 (**Neotropical species key**); Shattuck, 1999: 202 (Australia synopsis); Perrault, 2000: 253 (anatomy); Xu & Zeng, 2000: 214 (China species key); Bolton, 2003: 49, 180 (diagnosis, synopsis); Eguchi, Yoshimura & Yamane, 2006: 4 (**Oriental species revision, key**); Sosa-Calvo & Longino, 2008: 233 (**Neotropical species key**); Yoshimura & Fisher, 2009: 12 (Malagasy males diagnosis); Shattuck, Gunawardene & Heterick, 2012: 41 (**Australia & Melanesia species key**); Hita Garcia & Fisher, 2014b: 67 (**Madagascar species key**).

Genera *incertae sedis* in poneroid subfamilies

Genus *CRETOPONE

**Cretopone* Dlussky, 1975: 119. Type-species: **Cretopone magna* Dlussky, 1975: 119, by original designation.

Taxonomic history

**Cretopone* in Ponerinae: Dlussky, 1975: 119.

**Cretopone incertae sedis* in *Sphecomyrminae: Wilson, 1987: 49.

**Cretopone* in *Armaniidae: Dlussky & Fedoseeva, 1988: 77.

**Cretopone* in *Armaniinae: Bolton, 1994: 187.

**Cretopone incertae sedis* in Aculeata: Grimaldi, Agosti & Carpenter, 1997: 7.

**Cretopone incertae sedis* in poneromorph subfamilies: Bolton, 2003: 49, 180.

**Cretopone* as junior synonym of **Sphecomyrma*?: Hölldobler & Wilson, 1990: 9.

**Cretopone* as genus: Dlussky, 1975: 119; Wilson, 1987: 49; Dlussky & Fedoseeva, 1988: 77; Bolton, 1994: 187; Bolton, 1995b: 166; Grimaldi, Agosti & Carpenter, 1997: 7; Bolton, 2003: 180.

Genus ***PETROPONE**

**Petropone* Dlussky, 1975: 119. Type-species: **Petropone petiolata* Dlussky, 1975: 119, by original designation.

Taxonomic history

**Petropone* in Ponerinae: Dlussky, 1975: 119.

**Petropone incertae sedis* in *Sphecomyrminae: Wilson, 1987: 49.

**Petropone* in *Armaniidae: Dlussky & Fedoseeva, 1988: 77.

**Petropone* in *Armaniinae: Bolton, 1994: 187.

**Petropone incertae sedis* in Aculeata: Grimaldi, Agosti & Carpenter, 1997: 7.

**Petropone incertae sedis* in poneromorph subfamilies: Bolton, 2003: 49, 181.

**Petropone* as junior synonym of **Sphecomyrma*?: Hölldobler & Wilson, 1990: 9.

**Petropone* as genus: Carpenter, 1992: 493; Bolton, 1994: 187; Bolton, 1995b: 316 (catalogue); Grimaldi, Agosti & Carpenter, 1997: 7; Bolton, 2003: 181.

SYNOPSIS OF FORMICIDAE: SUBFAMILIES LEPTANILLINAE AND MARTIALINAE (LEPTANILLOMORPHS)

SUBFAMILY LEPTANILLINAE

Subfamily LEPTANILLINAE

Leptanillini Emery, 1910b: 32. Type-genus: *Leptanilla* Emery, 1870: 196.

Taxonomic history

Leptanillinae as family: Bernard, 1951: 1053 [Leptanillidae].

Leptanillinae as subfamily of Formicidae: Wheeler, W.M. 1923f: 335; Wheeler, G.C. 1928: 89 (in text); Wheeler, G.C. & Wheeler, E.W. 1930: 199; Clark, 1951: 16; Brown, 1954e: 28; Petersen, 1968: 577; Wheeler, G.C. & Wheeler, J. 1972a: 37; Brown, 1973b: 166; all subsequent authors.

Leptanillinae as leptanillomorph subfamily of Formicidae: Bolton, 2003: 39, 151.

Leptanillinae as subfamily *incertae sedis* in Formicidae: Ward, 2007a: 555.

Leptanillinae references: Emery, 1904a: 107 (anatomy, affinities); Wheeler, W.M. 1910g: 138 (diagnosis); Wheeler, G.C. 1928: 85 (larva); Wheeler, G.C. & Wheeler, E.W. 1930: 199 (diagnosis); Morley, 1939: 114 (phylogeny); Kutter, 1948: 293 (diagnosis); Brown, 1954e: 28 (phylogeny); Bernard, 1967: 90 (diagnosis); Petersen, 1968: 577 (tribe, males); Gotwald, 1969: 97 (mouthparts morphology); Wheeler, G.C. & Wheeler, J. 1972a: 37 (diagnosis); Brown, 1973b: 166 (genera, distribution); Wheeler, G.C. & Wheeler, J. 1976b: 46 (larvae, review & synthesis); Baroni Urbani, 1977c: 430 (diagnosis, revision); Snelling, R.R. 1981: 392 (synoptic classification); Wheeler, G.C. & Wheeler, J. 1985: 257 (synoptic classification); Dlussky & Fedoseeva, 1988: 79 (synoptic classification); Hölldobler & Wilson, 1990: 9 onward (synoptic classification, genera keys); Bolton, 1990b: 269 (diagnosis, revision of tribes, synoptic classification, key); Kugler, C. 1992: 103 (sting structure); Baroni Urbani, Bolton & Ward, 1992: 316, 317 (phylogeny); Bolton, 1994: 69 (diagnosis, synoptic classification, genera key); Bolton, 1995a: 1040 (census); Bolton, 1995b: 9, 12 (catalogue); Ogata, Terayama & Masuko, 1995: 32 (genera, classification); Shattuck, 1999: 117 (Australia, synopsis); Bolton, 2003: 39, 151 (diagnosis, synopsis); Ouellette, Fisher *et al.* 2006: 359 (phylogeny) ; Terayama, 2009: 125 (Taiwan genera key); Borowiec, *et al.* 2011: 13 (genera key); Keller, 2011: 1 (morphology, phylogeny); General & Alpert, 2012: 73 (Philippines genera key); Xu, 2012c: 479 (genera key).

Tribes of Leptanillinae: Anomalomyrmini, Leptanillini.

Tribe ANOMALOMYRMINI

Anomalomyrmini Taylor, in Bolton, 1990b: 278. Type-genus: *Anomalomyrma* Taylor, in Bolton, 1990b: 278.

Taxonomic history

Anomalomyrmini as tribe of Leptanillinae: Bolton, 1990b: 273; Hölldobler & Wilson, 1990: 12; Kugler, C. 1992: 107; Bolton, 1994: 70; Bolton, 2003: 39, 151.

Genera of Anomalomyrmini: *Anomalomyrma*, *Furcotanilla*, *Protanilla*.

Genera of Anomalomyrmini

Genus *ANOMALOMYRMA*

Anomalomyrma Taylor, in Bolton, 1990b: 278. Type-species: *Anomalomyrma taylori* Bolton, 1990b: 279, by original designation.

Taxonomic history

Anomalomyrma in Leptanillinae, Anomalomyrmini: Bolton, 1990b: 278; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 2003: 151.

Anomalomyrma as genus: all authors.

***Anomalomyrma* catalogues:** Bolton, 1995b: 66.

***Anomalomyrma* references:** Borowiec, *et al.* 2011: 10 (diagnosis).

Genus *FURCOTANILLA*

Furcotanilla Xu, 2012c: 481. Type-species: *Protanilla furcomandibula* Xu & Zhang, 2002: 140, by original designation.

Taxonomic history

Furcotanilla in Leptanillinae, Anomalomyrmini: Xu, 2012c: 482.

Furcotanilla as genus: all authors.

Genus *PROTANILLA*

Protanilla Taylor, in Bolton, 1990b: 279. Type-species: *Protanilla rafflesii* Taylor, in Bolton, 1990b: 279, by original designation.

Taxonomic history

Protanilla in Leptanillinae: Anomalomyrmini: Bolton, 1990b: 279; Hölldobler & Wilson, 1990: 12; Kugler, C. 1992: 107; Bolton, 1994: 70; Bolton, 2003: 152.

Protanilla as genus: all authors.

***Protanilla* catalogues:** Bolton, 1995b: 369.

***Protanilla* references:** Xu & Zhang, 2002: 140 (China species key); Xu, 2002a: 118 (China species key); Borowiec, *et al.* 2011: 10 (diagnosis); Xu, 2012c: 483 (**all species key**).

Tribe LEPTANILLINI

Leptanillini Emery, 1910b: 32. Type-genus: *Leptanilla* Emery, 1870: 196.

Taxonomic history

Leptanillini as tribe of Dorylinae: Emery, 1910b: 32; Wheeler, W.M. 1910g: 138 [Leptanillii]; Arnold, 1915: 113; Emery, 1916b: 94; Forel, 1917: 240; Bondroit, 1918: 16; Wheeler, W.M. 1922a: 633.

Leptanillini as tribe of Leptanillinae: Wheeler, W.M. 1923f: 335; Chapman & Capco, 1951: 17; Bolton, 1990b: 276; Bolton, 1994: 70; Bolton, 2003: 40, 152.

Genera of Leptanillini: *Leptanilla*, *Phaulomyrma*, *Yavnella*.

Genera of Leptanillini

Genus **LEPTANILLA**

Leptanilla Emery, 1870: 196. Type-species: *Leptanilla revelierii* Emery, 1870: 196, by monotypy.

Taxonomic history

Leptanilla in Dorylinae: Emery, 1870: 196 [Dorylidae]; Emery, 1904a: 116.

Leptanilla in Myrmicinae: Emery, 1877a: 81 [Myrmicidae]; Emery & Forel, 1879a: 456 [Myrmicidae]; André, 1882c: 268 [Myrmicidae]; Dalla Torre, 1893: 72.

Leptanilla in Myrmicinae, Myrmicini: Emery, 1895j: 769.

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

Leptanilla in Dorylinae, Leptanillini: Emery, 1910b: 32; Wheeler, W.M. 1910g: 138; Forel, 1917: 240; Wheeler, W.M. 1922a: 636.

Leptanilla in Leptanillinae, Leptanillini: Wheeler, W.M. 1923f: 335; Wheeler, G.C. 1928: 89; Donisthorpe, 1943f: 656; Baroni Urbani, 1977c: 433; Wheeler, G.C. & Wheeler, J. 1985: 256; Drury & Fedoseeva, 1988: 79; Bolton, 1990b: 276; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 2003: 152.

Leptanilla as genus: all authors.

Junior synonym of **LEPTANILLA**

Leptomesites Kutter, 1948: 286. Type-species: *Leptomesites escheri* Kutter, 1948: 287, by original designation.

Taxonomic history

Leptomesites in Leptanillinae: Kutter, 1948: 286; Wheeler, G.C. & Wheeler, J. 1985: 257.

Leptomesites as junior synonym of *Leptanilla*: Baroni Urbani, 1977c: 433; all subsequent authors.

***Leptanilla* catalogues:** Emery & Forel, 1879: 456 (Europe); Dalla Torre, 1893: 72; Emery, 1910b: 32; Wheeler, G.C. & Wheeler, E.W. 1930: 200; Chapman & Capco, 1951: 17 (Asia); Taylor & Brown, D.R. 1985: 53 (Australia); Taylor, 1987a: 34 (Australia); Bolton, 1995b: 229.

***Leptanilla* references:** André, 1882c: 268 (Europe & Algeria species); Emery, 1904a: 107 (anatomy, affinities); Emery, 1910b: 32 (diagnosis); Emery, 1916b: 94 (Italy species); Bondroit, 1918 (France & Belgium species key); Baroni Urbani, 1977c: 434 (diagnosis, **all species revision, key**); Morisita, Kubota, Onoyama, et al. 1989: 35 (Japan species key); Ogata, Terayama & Masuko, 1995: 32 (diagnosis, males); Bolton, 1995a: 1050 (census); Shattuck, 1999: 117 (Australia synopsis); Xu & Zhang, 2002: 142 and Xu, 2002a: 116 (China species key); Bharti & Kumar, 2012c: 624 (**Oriental species key**).

Genus **PHAULOMYRMA**

Phaulomyrma Wheeler, G.C. & Wheeler, E.W. 1930: 193. Type-species: *Phaulomyrma javana* Wheeler, G.C. & Wheeler, E.W. 1930: 193, by original designation.

Taxonomic history

Phaulomyrma in Leptanillinae, Leptanillini: Wheeler, G.C. & Wheeler, E.W. 1930: 201; Donisthorpe, 1943f: 683; Dlussky & Fedoseeva, 1988: 79; Bolton, 1990b: 277; Hölldobler & Wilson, 1990: 12; Bolton, 1994: 70; Bolton, 2003: 152.

Phaulomyrma as genus: all authors.

***Phaulomyrma* catalogues:** Bolton, 1995b: 316.

***Phaulomyrma* references:** Petersen, 1968: 593 (review of genus); Baroni Urbani, 1977c: 480 (review of genus); Ogata, Terayama & Masuko, 1995: 32 (review of genus).

Genus **YAVNELLA**

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, 2003: 152.

Yavnella as genus: all authors.

***Yavnella* catalogues:** Bolton, 1995b: 424.

***Yavnella* references:** Ogata, Terayama & Masuko, 1995: 32 (review of genus).

SUBFAMILY MARTIALINAE

Subfamily MARTIALINAE

Martialinae Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14913. Type-genus: *Martialis* Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14914.

Taxonomic history

Martialinae as subfamily of Formicidae: Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14913.

Genus of Martialinae: *Martialis*.

Genus MARTIALIS

Martialis Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14914. Type-species: *Martialis heureka* Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14914, by original designation.

Martialis as genus: all authors.

Taxonomic history

Martialis in Martialinae: Rabeling & Verhaagh, in Rabeling, *et al.* 2008: 14914.

***Martialis* references:** Kück, *et al.* 2011: 1 (phylogeny); Keller, 2011: 1 (morphology, phylogeny).

**SYNOPSIS OF FORMICIDAE: SUBFAMILIES *BROWNIMECIINAE, *FORMICIINAE,
*SPHECOMYRMINAE (EXTINCT SUBFAMILIES), and *ARMANIIDAE**

SUBFAMILY *SPHECOMYRMINAE

Subfamily *SPHECOMYRMINAE

***Sphecomyrminae** Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 6. Type-genus:
**Sphecomyrmra* Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 8.

Taxonomic history

***Sphecomyrminae** as family: Dlussky, 1983: 77 [*Sphecomyrmidae]; Dlussky, 1987: 132 [*Sphecomyrmidae]; Dlussky & Fedoseeva, 1988: 77 [*Sphecomyrmidae].

***Sphecomyrminae** as subfamily of Formicidae: Wilson, Carpenter & Brown, 1967: 6; Dlussky, 1975: 114; Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9; Bolton, 1994: 184; Dlussky, 1996: 83; Grimaldi, Agosti & Carpenter, 1997: 7; Dlussky, 1999a: 63; Bolton, 2003: 74, 260; LaPolla, Dlussky & Perrichot, 2013: 618 (in text).

***Sphecomyrminae** as stem ant subfamily of Formicidae: Ward, 2007a: 555.

***Sphecomyrminae references:** Bolton, 2003: 74, 260 (diagnoses, comments, synopsis).

Tribes of *Sphecomyrminae: *Haidomyrmecini, *Sphecomyrmini.

Tribe *HAIDOMYRMECINI

***Haidomyrmecini** Bolton, 2003: 74, 261. Type-genus: **Haidomyrmex* Dlussky, 1996: 84.

Taxonomic history

***Haidomyrmecini** as tribe of *Sphecomyrminae: Bolton, 2003: 74, 261; Perrichot, Nel, et al. 2008: 92.

***Haidomyrmecini references:** McKellar, Glasier & Engel, 2013b: 457 (genera and all species key).

Genera of *Haidomyrmecini: **Haidomyrmex*, **Haidomyrmodes*, **Haidoterminus*.

Genera of *Haidomyrmecini

Genus *HAIDOMYRMEX

****Haidomyrmex*** Dlussky, 1996: 84. Type-species: **Haidomyrmex cerberus* Dlussky, 1996: 86, by original designation.

Taxonomic history

**Haidomyrmex* in *Sphecomyrminae: Dlussky, 1996: 84; Grimaldi, Agosti & Carpenter, 1997: 7.

**Haidomyrmex* in *Sphecomyrminae, *Haidomyrmecini: Bolton, 2003: 74.

**Haidomyrmex* as genus: all authors.

****Haidomyrmex* references:** Grimaldi, Agosti & Carpenter, 1997: 24 (notes); Engel & Grimaldi, 2005: 11 (diagnosis, comments).

Genus ***HAIDOMYRMODES**

****Haidomyrmodes*** Perrichot, Nel, *et al.* 2008: 92. Type-species: **Haidomyrmodes mammuthus* Perrichot, Nel, *et al.* 2008: 92, by original designation.

Taxonomic history

**Haidomyrmodes* in *Sphecomyrminae, *Haidomyrmecini: Perrichot, Nel, *et al.* 2008: 92.

**Haidomyrmodes* as genus: all authors.

Genus ***HAIDOTERMINUS**

****Haidotermius*** McKellar, Glasier & Engel, 2013b: 457. Type-species: **Haidotermius cippus* McKellar, Glasier & Engel, 2013b: 458, by original designation.

Taxonomic history

**Haidotermius* in *Sphecomyrminae, *Haidomyrmecini: McKellar, Glasier & Engel, 2013b: 457.

**Haidotermius* as genus: all authors.

Tribe ***SPHECOMYRMINI**

****Sphecomyrminae*** Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 6. Type-genus: **Sphecomyrma* Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 8.

Taxonomic history

**Sphecomyrmini* as tribe of **Sphecomyrminae*: Bolton, 1994: 187.

****Sphecomyrmini* references:** Wheeler, G.C. & Wheeler, J. 1972a: 36 (diagnosis); Wilson, 1987: 44, 49 (review, synoptic classification); Bolton, 1995b: 15 (catalogue); Grimaldi, Agosti & Carpenter, 1997: 7 (review, diagnosis, phylogeny); Bolton, 2003: 74, 260 (diagnosis, synopsis); Perfilieva, 2011: 275 (venation); Barden & Grimaldi, 2013: 410 (comments).

Genera of **Sphecomyrmini*: **Baikuris*, **Cretomyrma*, **Dlusskyidris*, **Gerontoformica*, **Sphecomyrma*, **Sphecomyrmodes*, **Zigrasimecia*.

Genera of **Sphecomyrmini*

Genus *BAIKURIS

**Baikuris* Dlussky, 1987: 133. Type-species: **Baikuris mandibularis* Dlussky, 1987: 134, by original designation.

Taxonomic history

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

**Baikuris incertae sedis* in Formicidae: Hölldobler & Wilson, 1990: 19.

**Baikuris* in *Sphecomyrminae: Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

**Baikuris* as genus: all authors.

[**Baikurus*: incorrect subsequent spelling by Grimaldi, Agosti & Carpenter, 1997: 15.]

**Baikuris* catalogues: Bolton, 1995b: 80.

**Baikuris* references: Grimaldi, Agosti & Carpenter, 1997: 15 (review of genus).

Genus *CRETOMYRMA

**Cretomyrma* Dlussky, 1975: 115. Type-species: **Cretomyrma arnoldii* Dlussky, 1975: 116, by original designation.

Taxonomic history

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

**Cretomyrma* in *Sphecomyrminae: Dlussky, 1975: 115; Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9; Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

**Cretomyrma* as genus: all authors.

**Cretacomyrma* catalogues: Bolton, 1995b: 166.

**Cretomyrma* references: Grimaldi, Agosti & Carpenter, 1997: 9 (review of genus).

Genus *DLUSSKYIDRIS

**Dlusskyidris* Bolton, 1994: 187.

Taxonomic history

[Replacement name for **Palaeomyrmex* Dlussky, 1975: 118; junior homonym of **Palaeomyrmex* Heer, 1865: 91 (Homoptera).]

**Dlusskyidris* in **Sphecomyrminae*: Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; Bolton, 2003: 261.

**Dlusskyidris* as genus: all authors since Bolton, 1994: 187.

Junior homonym replaced by **DLUSSKYIDRIS*

**Palaeomyrmex* Dlussky, 1975: 118. Type-species: **Palaeomyrmex zherichini* Dlussky, 1975: 118, by original designation.

Taxonomic history

[Junior homonym of **Palaeomyrmex* Heer, 1865: 91 (Homoptera).]

**Palaeomyrmex* in **Sphecomyrminae*: Dlussky, 1975: 118; Dlussky, 1983: 66.

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

**Palaeomyrmex* Dlussky as junior synonym of **Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Palaeomyrmex* Dlussky as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 493.

***Dlusskyidris catalogues:** Bolton, 1995b: 172.

***Dlusskyidris references:** Grimaldi, Agosti & Carpenter, 1997: 9 (review of genus).

Genus **GERONTOFORMICA*

***Gerontoformica** Nel & Perrault, in Nel, *et al.* 2004: 24. Type-species: **Gerontoformica cretacica* Nel & Perrault, in Nel, *et al.* 2004: 24, by original designation.

Taxonomic history

**Gerontoformica incertae sedis* in Formicidae: Nel, *et al.* 2004: 24.

**Gerontoformica* in **Sphecomyrminae*: Perrichot, 2014: 168 (in text).

**Gerontoformica* as genus: all authors.

Genus **SPHECOMYRMA*

***Sphecomyrma** Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 8. Type-species: **Sphecomyrma freyi* Wilson & Brown, in Wilson, Carpenter & Brown, 1967: 8, by original designation.

Taxonomic history

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

**Sphecomyrminae*: Wilson, Carpenter & Brown, 1967: 6; Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9; Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; Bolton, 2003: 261.

**Sphecomyrmidae* as genus: all authors.

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

****Sphecomyrmidae* references**: Wilson, Carpenter & Brown, 1967: 12 (phylogeny); Wilson, 1987: 49 (review of genus); Grimaldi, Agosti & Carpenter, 1997: 9 (review of genus); Engel & Grimaldi, 2005: 7 (diagnosis, **all species key**).

Genus ***SPHECOMYRMODES**

**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: all authors.

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

Genus ***ZIGRASIMECIA**

**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* as genus: all authors.

SUBFAMILY ***BROWNIMECIINAE**

Subfamily *BROWNIMECIINAE

***Brownimeciinae** Bolton, 2003: 75, 262. Type-genus: **Brownimecia* Grimaldi, Agosti & Carpenter, 1997: 20.

Taxonomic history

*Brownimeciinae as subfamily of Formicidae: Bolton, 2003: 75, 262; LaPolla, Dlussky & Perrichot, 2013: 621 (in text).

*Brownimeciinae as poneroid subfamily of Formicidae: Ward, 2007a: 555.

***Brownimeciini references:** Bolton, 2003: 75, 262 (diagnosis, comments, synopsis).

Tribe of *Brownimeciinae: *Brownimeciini

Tribe *BROWNIMECIINI

***Brownimeciinae** Bolton, 2003: 75, 262. Type-genus: **Brownimecia* Grimaldi, Agosti & Carpenter, 1997: 20.

Taxonomic history

*Brownimeciini as tribe of *Brownimeciinae: Bolton, 2003: 75.

Genus of *Brownimeciini: **Brownimecia*

Genus *BROWNIMECIA

***Brownimecia** Grimaldi, Agosti & Carpenter, 1997: 20. Type-species: **Brownimecia clavata* Grimaldi, Agosti & Carpenter, 1997: 20, by original designation.

Taxonomic history

**Brownimecia incertae sedis* in Ponerinae: Grimaldi, Agosti & Carpenter, 1997: 20.

**Brownimecia* in *Brownimeciinae, *Brownimeciini: Bolton, 2003: 75, 262.

**Brownimecia* as genus: all authors.

***Brownimecia references:** Engel & Grimaldi, 2005: 12 (diagnosis, comments).

SUBFAMILY *FORMICIIINAE

Subfamily *FORMICIINAE

***Formiciinae** Lutz, 1986: 181. Type-genus: **Formicium* Westwood, 1854: 393.

Taxonomic history

*Formiciinae as subfamily of Formicidae: Lutz, 1986: 181; Lutz, 1990: 1; Hölldobler & Wilson, 1990: 17; Baroni Urbani, Bolton & Ward, 1992: 317; Bolton, 1994: 187; Bolton, 2003: 262.

*Formiciinae as formicoid subfamily of Formicidae: Ward, 2007a: 557.

***Formiciinae and collective group name **Formicium* references:** Lutz, 1986: 182 (diagnosis, all species revision, key, phylogeny); Hölldobler & Wilson, 1990: 24 (diagnosis); Lutz, 1990: 61 (subfamily synopsis; review of genus); Bolton, 1995b: 206 (catalogue); Bolton, 2003: 75, 262 (diagnosis, synopsis); Archibald, *et al.* 2011: 3680 (synopsis).

Tribe of *Formiciinae: *Formiciini.

Tribe *FORMICIINI

***Formiciinae** Lutz, 1986: 181. Type-genus: **Formicium* Westwood, 1854: 393.

Taxonomic history

*Formiciini as tribe of *Formiciinae: Bolton, 1994: 187.

Genus of *Formiciini: **Titanomyrma*.

Collective group name in *Formiciini: **Formicium*.

Genera of *Formiciini

Collective group name **FORMICIUM*

Taxonomic history

**Formicium* in *Pseudosiricidae: Handlirsch, 1906: 577; Abe & Smith, 1991: 34 (in error).

**Formicium* in Formicidae: Cockerell, 1920: 279.

**Formicium* in Formicidae, *Formiciinae: Lutz, 1986: 181; Lutz, 1990: 61; Bolton, 1994: 187.

**Formicium* as junior synonym of *Ponera*: Dalla Torre, 1893: 37.

**Formicium* as junior synonym of **Pseudosirex*: Handlirsch, 1906: 577 (in error).

**Formicium* as senior synonym of **Pseudosirex*: Hölldobler & Wilson, 1990: 17 (in error).

**Formicium* as genus: Westwood, 1854: 393. (Type-species: **Formicium brodiei* Westwood, 1854: 393); Cockerell, 1920: 279; Lutz, 1986: 182; Lutz, 1990: 61; subsequent authors to Bolton, 1995b: 206.

**Formicium* as collective group name: Archibald, *et al.* 2011: 3681.

Junior synonyms of *FORMICIUM

****Megapterites*** Cockerell, 1920: 278. Type-species: **Megapterites mirabilis* Cockerell, 1920: 278, by monotypy.

Taxonomic history

**Megapterites* in **Pseudosiricidae*: Cockerell, 1920: 278; Abe & Smith, 1991: 53.

**Megapterites* in Formicidae, *Formiciinae: Lutz, 1990: 61.

**Megapterites* as junior synonym of **Formicium*: Lutz, 1990: 61.

****Eponera*** Carpenter, 1929: 301. Type-species: **Eponera berryi* Carpenter, 1929: 301, by original designation.

Taxonomic history

**Eponera* as junior synonym of **Formicium*: Lutz, 1986: 189.

Genus *TITANOMYRMA

****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.

**Titanomyrma* as genus: all authors.

FAMILY *ARMANIIDAE

Family *ARMANIIDAE

***Armaniidae** Dlussky, 1983: 66. Type-genus: **Armania* Dlussky, 1983: 67.

Taxonomic history

**Armaniidae* as junior synonym of Formicidae: Wilson, 1987: 49; Carpenter, 1992: 491.

**Armaniinae* as subfamily of Formicidae: Bolton, 1994: 187; Dlussky, 1996: 83; Bolton, 2003: 73.

Armaniidae* as family: Dlussky, 1983: 66 [Armaniidae*]; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7; Dlussky, 1999a: 63; Rasnitsyn, 2002: 249; Engel & Grimaldi, 2005: 4; LaPolla, Dlussky & Perrichot, 2013: 618 (in text).

**Armaniinae* as stem ant subfamily of Formicidae: Ward, 2007a: 555.

***Armaniidae references:** Dlussky, 1983: 67 (genera and species key); Bolton, 1995b: 9 (catalogue); Bolton, 2003: 73, 259 (diagnosis, synopsis); LaPolla, Dlussky & Perrichot, 2013: 618 (discussion).

Genera of *Armaniidae: **Archaeopone*, **Armania*, **Dolichomyrma*, **Khetania*, **Orapia*, **Poneropterus*, **Pseudarmania*.

Genera of *Armaniidae

Genus ***ARCHAEOPONE**

**Archaeopone* Dlussky, 1975: 120. Type-species: **Archaeopone kzylzharica* Dlussky, 1975: 121, by original designation.

Taxonomic history

**Archaeopone* in Ponerinae: Dlussky, 1975: 120.

**Archaeopone* in *Armaniidae: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Archaeopone* in *Sphecomyrminae: Wilson, 1987: 49.

**Archaeopone* in *Armaniinae: Bolton, 1994: 187; Bolton, 2003: 259.

**Archaeopone* as junior synonym of **Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Archaeopone* as genus: Dlussky, 1975: 120; Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491; Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

***Archaeopone catalogues:** Bolton, 1995b: 75.

***Archaeopone references:** Grimaldi, Agosti & Carpenter, 1997: 5 (notes).

Genus **ARMANIA*

**Armania* Dlussky, 1983: 67. Type-species: **Armania robusta* Dlussky, 1983: 68, by original designation.

Taxonomic history

**Armania* in *Armaniidae: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Armania* in *Sphecomyrminae: Wilson, 1987: 49.

**Armania* in *Armaniinae: Bolton, 1994: 187; Bolton, 2003: 259.

**Armania* as junior synonym of **Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Armania* as genus: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491; Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

Junior synonym of **ARMANIA*

**Armaniella* Dlussky, 1983: 71. Type-species: **Armaniella curiosa* Dlussky, 1983: 71, by original designation.

Taxonomic history

**Armaniella* in *Armaniidae: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Armaniella* in *Sphecomyrminae: Wilson, 1987: 49.

**Armaniella* in *Armaniinae: Bolton, 1994: 187.

**Armaniella* as junior synonym of **Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Armaniella* as genus: Dlussky, 1983: 71; Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491; Bolton, 1994: 187; Grimaldi, Agosti & Carpenter, 1997: 7.

**Armaniella* as junior synonym of **Armania*: Dlussky, 1999a: 63; Bolton, 2003: 259.

**Armania* catalogues: Bolton, 1995b: 75.

**Armania* references: Grimaldi, Agosti & Carpenter, 1997: 5 (notes).

Genus **DOLICHOMYRMA*

**Dolichomyrma* Dlussky, 1975: 121. Type-species: **Dolichomyrma longiceps* Dlussky, 1975: 121, by original designation.

Taxonomic history

**Dolichomyrma incertae sedis* in Formicidae: Dlussky, 1975: 121.

**Dolichomyrma* in *Armaniidae: Dlussky, 1983: 66; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Dolichomyrma* in *Sphecomyrminae: Wilson, 1987: 49.

**Dolichomyrma* in *Armaniinae: Bolton, 1994: 187.

**Dolichomyrma* as junior synonym of **Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Dolichomyrma* as genus: Dlussky, 1975: 121; Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

**Dolichomyrma catalogues*: Bolton, 1995b: 177.

**Dolichomyrma references*: Grimaldi, Agosti & Carpenter, 1997: 5 (notes).

Genus **KHETANIA*

**Khetania* Dlussky, 1999a: 65. Type-species: **Khetania mandibulata* Dlussky, 1999a: 65, by original designation.

Taxonomic history

**Khetania* in *Armaniidae: Dlussky, 1999a: 65.

**Khetania* in *Armaniinae: Bolton, 2003: 260.

**Khetania* as genus: all authors.

Genus **ORAPIA*

**Orapia* Dlussky, Brothers & Rasnitsyn, 2004: 2. Type-species: **Orapia rayneri* Dlussky, Brothers & Rasnitsyn, 2004: 3, by original designation.

Taxonomic history

**Orapia* in *Armaniinae: Dlussky, Brothers & Rasnitsyn, 2004: 2.

**Orapia* as genus: all authors.

**Orapia references*: Archibald, Cover & Moreau, 2006: 510 (discussion of taxonomy).

Genus *PONEROPTERUS

**Poneropterus* Dlussky, 1983: 73. Type-species: **Poneropterus sphecooides* Dlussky, 1983: 73, by original designation.

Taxonomic history

**Poneropterus* in *Armaniidae: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Poneropterus* in *Sphecomyrminae: Wilson, 1987: 49.

**Poneropterus* in *Armaniinae: Bolton, 1994: 187; Bolton, 2003: 260.

**Poneropterus* as junior synonym of **Sphecomyrmra*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Poneropterus* as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 494; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

****Poneropterus catalogues***: Bolton, 1995b: 363.

****Poneropterus references***: Grimaldi, Agosti & Carpenter, 1997: 5 (notes).

Genus *PSEUDARMANIA

**Pseudarmania* Dlussky, 1983: 69. Type-species: **Pseudarmania rasnitsyni* Dlussky, 1983: 69, by original designation.

Taxonomic history

**Pseudarmania* in *Armaniidae: Dlussky, 1983: 67; Dlussky & Fedoseeva, 1988: 77; Grimaldi, Agosti & Carpenter, 1997: 7.

**Pseudarmania* in *Sphecomyrminae: Wilson, 1987: 49.

**Pseudarmania* in *Armaniinae: Bolton, 1994: 187.

**Pseudarmania* as junior synonym of **Sphecomyrmra*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

**Pseudarmania* as genus: Dlussky, 1983: 69; Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 494; Grimaldi, Agosti & Carpenter, 1997: 7; all subsequent authors.

[**Pseudoarmania*: incorrect subsequent spelling by Carpenter, 1992: 494.]

****Pseudarmania catalogues***: Bolton, 1995b: 369.

****Pseudarmania references***: Grimaldi, Agosti & Carpenter, 1997: 5 (notes).

