**CATALOGUE OF GENUS-GROUP TAXA**

*ACALAMA* [junior synonym of *Gauromyrmex*]

*Acalama* Smith, M.R. 1949a: 206. Type-species: *Acalama donisthorpei* (junior synonym of *Solenomyrma acanthina*), by original designation.

*Acalama* junior synonym of *Gauromyrmex*: Brown, 1953c: 10.

*ACAMATUS* [junior homonym, see *Neivamyrmex*]

*Acamatus* Emery, 1894c: 181 [as subgenus of *Eciton*]. Type-species: *Eciton (Acamatus) schmitti* (junior synonym of *Labidus nigrescens*), by subsequent designation of Ashmead, 1906: 24; Wheeler, W.M. 1911f: 157. [Junior homonym of *Acamatus* Schoenherr, 1833: 20 (Coleoptera).]

*Neivamyrmex* Borgmeier, 1940: 606, replacement name for *Acamatus* Emery.

*ACANTHIDRIS* [junior synonym of *Rhopalothrix*]

*Acanthidris* Weber, 1941a: 188. Type-species: *Acanthidris isthmicus*, by original designation.

*Acanthidris* junior synonym of *Rhopalothrix*: Brown & Kempf, 1960: 230.

*ACANTHOCLINEA* [junior synonym of *Dolichoderus*]

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

*Acanthoclinea* raised to genus: Brown, 1950e: 249.

*Acanthoclinea* junior synonym of *Dolichoderus*: Taylor & Brown, D.R. 1985: 93; Shattuck, 1992c: 66.

***ACANTHOGNATHUS*** [Myrmicinae: Dacetini]

*Acanthognathus* Mayr, 1887: 578. Type-species: *Acanthognathus ocellatus*, by monotypy.

*ACANTHOLEPIS* [junior homonym, see *Lepisiota*]

*Acantholepis* Mayr, 1861: 42. Type-species: *Hypoclinea frauenfeldi*, by monotypy. [Junior homonym of *Acantholepis* Kroyer, 1846: 98 (Pisces)].

*Lepisiota* Santschi, 1926a: 15 [previously a subgenus of *Acantholepis* Mayr], first available replacement name for *Acantholepis* Mayr: Bolton, 1995b: 33.]

[*Achantilepis*: incorrect subsequent spelling, see below.]

***ACANTHOMYOPS*** [subgenus of *Lasius*]

*Acanthomyops* Mayr, 1862: 699. Type-species: *Formica clavigera*, by monotypy.

*Acanthomyops* junior synonym of *Lasius*: Mayr, 1866b: 888.

*Acanthomyops* revived from synonymy as subgenus of *Lasius*: Emery, 1893i: 642.

*Acanthomyops* incorrectly as senior synonym of *Lasius*: Forel, 1916: 460; Donisthorpe, 1916c: 276.

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

*Acanthomyops* subgenus of *Lasius*: Wheeler, W.M. 1916k: 172; Wheeler, W.M. 1922a: 698; Emery, 1925b: 236.

*Acanthomyops* revived status as genus: Creighton, 1950a: 426.

*Acanthomyops* subgenus of *Lasius*: Ward, 2005: 13.

***ACANTHOMYRMEX*** [Myrmicinae: Myrmecinini]

*Acanthomyrmex* Emery, 1893a: cclxxvi. Type-species: *Acanthomyrmex luciolae*, by subsequent designation of Bingham, 1903: 191.

[*Acanthomyrmex* also described as new by Emery, 1893f: 244].

***ACANTHOPONERA*** [Heteroponerinae]

*Acanthoponera* Mayr, 1862: 732 [as subgenus of *Ectatomma*]. Type-species: *Ponera mucronata*, by subsequent designation of Wheeler, W.M. 1911f: 158.

*Acanthoponera* raised to genus: Emery, 1895g: 346; Emery, 1911d: 35.

***ACANTHOSTICHUS*** [Cerapachyinae: Acanthostichini]

*Acanthostichus* Mayr, 1887: 549. Type-species: *Typhlopone serratula*, by monotypy.

*Acanthostichus* senior synonym of *Ctenopyga*: Mackay, 1996: 132.

*ACHANTILEPIS* [**unavailable name**]

*Achantilepis* Santschi, 1935b: 274, incorrect subsequent spelling of *Acantholepis*.

*ACIDOMYRMEX* [junior synonym of *Rhoptromyrmex*]

*Acidomyrmex* Emery, 1915i: 191 [as subgenus of *Rhoptromyrmex*]. Type-species: *Rhoptromyrmex wroughtonii*, by original designation.

*Acidomyrmex* raised to genus: Wheeler, W.M. 1922a: 664, 672.

*Acidomyrmex* junior synonym of *Rhoptromyrmex*: Brown, 1964c: 11; Bolton, 1986a: 2.

*ACROCOELIA* [junior synonym of *Crematogaster (Crematogaster)*]

*Acrocoelia* Mayr, 1853a: 147. Type-species: *Acrocoelia ruficeps* (junior synonym of *Formica scutellaris*), by subsequent designation of Wheeler, W.M. 1911f: 158.

*Acrocoelia* junior synonym of *Crematogaster*: Mayr, 1863: 404; Wheeler, W.M. 1911f: 158; Wheeler, W.M. 1922a: 828.

*Acrocoelia* revived from synonymy as subgenus of *Crematogaster*: Emery, 1922e: 140.

*Acrocoelia* junior synonym of *Crematogaster*: Buren, 1959: 126.

*Acrocoelia* revived from synonymy as genus: Soulié, 1964: 398.

*Acrocoelia* junior synonym of *Crematogaster*: Brown, 1973b: 178. [The type-species of *Acrocoelia* and *Crematogaster* are synonymous, the generic synonymy is therefore absolute.]

***ACROMYRMEX*** [Myrmicinae: Attini]

*Acromyrmex* Mayr, 1865: 83 [as subgenus of *Atta*]. Type-species: *Formica hystrix*, by monotypy.

*Acromyrmex* raised to genus: Emery, 1913b: 251.

Subgenera of *Acromyrmex*: nominal plus *Moellerius*.

***ACROPYGA*** [Formicinae: Lasiini]

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

*Acropyga* senior synonym of *Atopodon*, *Malacomyrma*, *Rhizomyrma*: LaPolla, 2004: 16. [The former subgenera were listed as junior synonyms in Hölldobler & Wilson, 1990: 18, without reason; reverted to subgeneric status in Bolton, 1994: 51 pending revision; formally synonymised by LaPolla, above.]

\**ACROSTIGMA* [junior synonym of *Podomyrma*]

\**Acrostigma* Emery, 1891a: 149 [as subgenus of *Podomyrma*]. Type-species: \**Podomyrma (Acrostigma) mayri*, by monotypy.

\**Acrostigma* junior synonym of *Podomyrma*: Dalla Torre, 1893: 159.

*ACROSTIGMA* [junior homonym, see *Stigmacros*]

*Acrostigma* Forel, 1902h: 477 [as subgenus of *Acantholepis*]. Type-species: *Acantholepis (Acrostigma) froggatti,* by subsequent designation of Wheeler, W.M. 1911f: 158. [Junior homonym of \**Acrostigma* Emery, 1891a: 149, above.]

*Stigmacros* Forel, 1905b: 179, replacement name for *Acrostigma* Forel.

***ADELOMYRMEX*** [Myrmicinae: Adelomyrmecini]

*Adelomyrmex* Emery, 1897c: 590. Type-species: *Adelomyrmex biroi*, by monotypy.

*Adelomyrmex* senior synonym of *Apsychomyrmex*: Kempf, 1972a: 18.

*Adelomyrmex* senior synonym of *Arctomyrmex*: [Brown, 1973b: 178 (provisional synonym)]; Bolton, 1994: 106.

***ADETOMYRMA*** [Amblyoponinae]

*Adetomyrma* Ward, 1994: 160. Type-species: *Adetomyrma venatrix*, by original designation.

*ADFORMICA* [junior synonym of *Formica*]

*Adformica* Lomnicki, 1925a: 164 [as subgenus of *Formica*]. Type-species: *Formica exsecta*, by subsequent designation of Donisthorpe, 1927b: 316.

*Adformica* junior synonym of *Coptoformica*: Stitz, 1939: 306 (as *Adformica* and *Coptoformica* share the same type-species synonymy is absolute).

***ADLERZIA*** [Myrmicinae: Solenopsidini]

*Adlerzia* Forel, 1902h: 445 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Adlerzia) froggatti,* by monotypy.

*Adlerzia* raised to genus: Brown, 1952j: 176.

*Adlerzia* senior synonym of *Stenothorax*: Brown, 1952a: 110.

***AENICTOGITON*** [Aenictogitoninae]

*Aenictogiton* Emery, 1901d: 49. Type-species: *Aenictogiton fossiceps*, by monotypy.

***AENICTUS*** [Aenictinae]

*Aenictus* Shuckard, 1840b: 266. Type-species: *Aenictus ambiguus*, by original designation.

*Aenictus* senior synonym of *Typhlatta*: Forel, 1890b: ciii.

*Aenictus* senior synonym of *Paraenictus*: Wilson, 1964: 444.

[*Enictus* Walker, 1860: 306 and Smith, F. 1865: 79, incorrect subsequent spellings.]

*AEROMYRMA* [junior synonym of *Carebara*]

*Aeromyrma* Forel, 1891b: 198. Type-species: *Aeromyrma nosindambo*, by monotypy.

[*Aeromyrma* also described as new by Forel, 1891a: cccvii; no species-rank taxa named.]

*Aeromyrma* subgenus of *Oligomyrmex*: Emery, 1915c: 59 (footnote).

*Aeromyrma* revived status as genus: Arnold, 1916: 256.

*Aeromyrma* subgenus of *Oligomyrmex*: Emery, 1924d: 215.

*Aeromyrma* junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

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

*AETHIOPOPONE* [junior synonym of *Sphinctomyrmex*]

*Aethiopopone* Santschi, 1930a: 49. Type-species: *Sphinctomyrmex rufiventris*, by monotypy.

*Aethiopopone* junior synonym of *Sphinctomyrmex*: Bolton, 1973a: 341; Brown, 1975: 31.

\****AFROMYRMA*** [*incertae sedis* in Myrmicinae]

\**Afromyrma* Dlussky, Brothers & Rasnitsyn, 2004: 9. Type-species: \**Afromyrma petrosa*, by original designation.

\****AFROPONE*** [*incertae sedis* in Ponerinae]

\**Afropone* Dlussky, Brothers & Rasnitsyn, 2004: 5. Type-species: \**Afropone oculata*, by original designation.

*AFROXYIDRIS* [junior synonym of *Carebara*]

*Afroxyidris* Belshaw & Bolton, 1994: 631. Type-species: *Afroxyidris crigensis*, by original designation.

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

***AGRAULOMYRMEX*** [Formicinae: Plagiolepidini]

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

\****AGROECOMYRMEX*** [Agroecomyrmecinae]

\**Agroecomyrmex* Wheeler, W.M. 1910a: 265. Type-species: \**Myrmica duisburgi*, by original designation.

[\**Agroecomyrmex* also described as new by Wheeler, W.M. 1915h: 56.]

***ALAOPONE*** [subgenus of *Dorylus*]

*Alaopone* Emery, 1881a: 274. Type-species: *Alaopone oberthueri* (junior synonym of *Dorylus orientalis*), by subsequent designation of Emery, 1910b: 15.

[Type-species not *Typhlopone carteri* Ashmead, 1906: 26. *Nomen nudum* (attributed to Shuckard).]

*Alaopone* junior synonym of *Dorylus*: Dalla Torre, 1893: 9.

*Alaopone* revived from synonymy as subgenus of *Dorylus*: Emery, 1895j: 702.

*Alaopone* senior synonym of *Shuckardia*: Emery, 1910b: 14.

*ALFARIA* [junior synonym of *Gnamptogenys*]

*Alfaria* Emery, 1896e: 177 (diagnosis in key). Type-species: *Alfaria simulans*, by original designation.

[*Alfaria* also described as new by Emery, 1896g: 41.]

*Alfaria* senior synonym of *Opisthoscyphus*: Brown, in Borgmeier, 1957: 115.

*Alfaria* junior synonym of *Gnamptogenys*: Brown, 1958g: 211.

*ALISTRUMA* [junior synonym of *Colobostruma*]

*Alistruma* Brown, 1948e: 117. Type-species: *Epopostruma foliacea*, by original designation.

*Alistruma* junior synonym of *Colobostruma*: Brown, 1959c: 1.

***ALLOFORMICA*** [Formicinae: Formicini]

*Alloformica* Dlussky, 1969a: 219 [as subgenus of *Proformica*]. Type-species: *Formica aberrans*, by original designation.

*Alloformica* raised to genus: Dlussky & Fedoseeva, 1988: 77.

\****ALLOIOMMA*** [*incertae sedis* in Dolichoderinae]

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

***ALLOMERUS*** [Myrmicinae: Solenopsidini]

*Allomerus* Mayr, 1878: 873. Type-species: *Allomerus decemarticulatus*, by subsequent designation of Wheeler, W.M. 1911f: 158.

*ALLOPHEIDOLE* [junior synonym of *Pheidole*]

*Allopheidole* Forel, 1912f: 237 [as subgenus of *Pheidole*]. Type-species: *Pheidole kingi* (junior synonym of *Pheidole tepicana*), by subsequent designation of Wheeler, W.M. 1913a: 79.

*Allopheidole* junior synonym of *Pheidole*: Emery, 1921f: 84.

*AMAUROMYRMEX* [junior synonym of *Pheidologeton*]

*Amauromyrmex* Wheeler, W.M. 1929b: 1. Type-species: *Amauromyrmex speculifrons* (junior synonym of *Pheidole silenus*), by original designation.

*Amauromyrmex* junior synonym of *Pheidologeton*: Ettershank, 1966: 115.

***AMBLYOPONE*** [Amblyoponinae]

*Amblyopone* Erichson, 1842: 260. Type-species: *Amblyopone australis*, by monotypy.

*Amblyopone* senior synonym of *Amblyopopone*: Forel, 1893a: 166; Emery, 1911d: 25.

*Amblyopone* senior synonym of *Neoamblyopone*, *Protamblyopone*: Brown, 1949c: 87; Brown, 1960a: 155.

*Amblyopone* senior synonym of *Amblyopopona*: Bolton, 1994: 164.

*AMBLYOPOPONA* [junior synonym of *Amblyopone*]

*Amblyopopona* Schulz, W.A. 1906: 154, unjustified emendation of *Amblyopone*.

*Amblyopopona* junior synonym of *Amblyopone*: Bolton, 1994: 164.

*AMBLYOPOPONE* [junior synonym of *Amblyopone*]

*Amblyopopone* Dalla Torre, 1893: 13, unjustified emendation of *Amblyopone*.

*Amblyopopone* junior synonym of *Amblyopone*: Forel, 1893a: 166.

\**AMEGHINOIA* [junior synonym of \**Archimyrmex*]

\**Ameghinoia* Viana & Haedo Rossi, 1957: 109. Type-species: \**Ameghinoia piatnitzkyi*, by original designation.

\**Ameghinoia* junior synonym of \**Archimyrmex*: Dlussky & Rasnitsyn, 2002: 420; Dlussky & Perfil'eva, 2003: 44.

*AMMOMYRMA* [junior synonym of *Dorymyrmex*]

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

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

*Ammomyrma* junior synonym of *Dorymyrmex*: Shattuck, 1992c: 77.

***AMYRMEX*** [Leptanilloidinae]

*Amyrmex* Kusnezov, 1953b: 333. Type-species: *Amyrmex golbachi*, by original designation.

*Amyrmex* junior synonym of *Forelius*: Shattuck, 1992c: 87.

*Amyrmex* revived from synonymy: Cuezzo, 2000: 271.

*Amyrmex* in Leptanilloidinae: Ward & Brady, 2009: 48.

*ANACANTHOLEPIS* [junior synonym of *Plagiolepis*]

*Anacantholepis* Santschi, 1914e: 36 [as subgenus of *Plagiolepis*]. Type-species: *Plagiolepis (Anacantholepis) decora*, by original designation.

*Anacantholepis* raised to genus: Chapman & Capco, 1951: 212.

*Anacantholepis* junior synonym of *Plagiolepis*: Bolton, 2003: 105, 268.

*ANACANTHOPONERA* [junior synonym of *Heteroponera*]

*Anacanthoponera* Wheeler, W.M. 1923e: 176 [as subgenus of *Acanthoponera*]. Type-species: *Ponera dolo*, by original designation.

*Anacanthoponera* junior synonym of *Heteroponera*: Brown, 1952h: 70.

*ANCYLOGNATHUS* [*Nomen nudum*]

*Ancylognathus* Lund, 1831a: 121, 135. Type-species: *Ancylognathus lugubris. Nomen nudum*.

*Ancylognathus* material referred to *Eciton*: Smith, F. 1855c: 160.

***ANCYRIDRIS*** [Myrmicinae: Stenammini]

*Ancyridris* Wheeler, W.M. 1935a: 1. Type-species: *Ancyridris polyrhachioides*, by original designation.

[*Ancyridris* provisional junior synonym of *Lordomyrma*: Brown, 1973b: 178 (unconfirmed).]

*ANDRAGNATHUS* [junior synonym of *Nylanderia*]

*Andragnathus* Emery, 1922d: 111. Type-species: *Andragnathus hubrechti*, by monotypy.

*Andragnathus* junior synonym of *Paratrechina*: Agosti & Bolton, 1990a: 75.

*Andragnathus* junior synonym of *Nylanderia*: LaPolla, Brady & Shattuck, 2010a: 126.

*ANELEUS* [junior synonym of *Carebara*]

*Aneleus* Emery, 1900c: 327 [as subgenus of *Pheidologeton*]. Type-species: *Solenopsis similis*, by subsequent designation of Wheeler, W.M. 1911f: 158.

[Type-species not *Pheidologeton pygmaeus*, unjustified subsequent designation by Wheeler, W.M. 1913a: 77; repeated in Emery, 1924d: 214.]

*Aneleus* raised to genus: Emery, 1914a: 41.

*Aneleus* senior synonym of *Sporocleptes*: Consani, 1951: 169; Arnold, 1952a: 460.

*Aneleus* junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

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

***ANERGATES*** [Myrmicinae: Tetramoriini]

*Anergates* Forel, 1874: 67 (see also p. 93). Type-species: *Myrmica atratula*, by monotypy.

*ANERGATIDES* [junior synonym of *Pheidole*]

*Anergatides* Wasmann, 1915b: 281. Type-species: *Anergatides kohli* (junior secondary homonym in *Pheidole*, replaced by *Pheidole neokohli*), by monotypy.

*Anergatides* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 1984: 328.

\****ANEURETELLUS*** [Aneuretinae]

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

***ANEURETUS*** [Aneuretinae]

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

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

***ANILLIDRIS*** [Dolichoderinae: Leptomyrmecini]

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

*Anillidris* junior synonym of *Linepithema*: Kusnezov, 1958d: 273.

*Anillidris* revived status as genus: Shattuck, 1992c: 33.

***ANILLOMYRMA*** [Myrmicinae: Solenopsidini]

*Anillomyrma* Emery, 1913b: 261 [as subgenus of *Monomorium*]. Type-species: *Monomorium decamerum*, by monotypy.

*Anillomyrma* raised to genus: Ettershank, 1966: 97.

***ANISOPHEIDOLE*** [Myrmicinae: Pheidolini]

*Anisopheidole* Forel, 1914c: 616 (footnote) [as subgenus of *Pheidole*]. Type-species: *Pheidole froggatti* (junior synonym of *Atta antipodum*), by monotypy.

[*Anisopheidole* also described as new by Forel, 1915b: 61.]

*Anisopheidole* raised to genus: Ettershank, 1966: 129.

***ANKYLOMYRMA*** [Myrmicinae: Ankylomyrmini]

*Ankylomyrma* Bolton, 1973c: 235. Type-species: *Ankylomyrma coronacantha*, by original designation.

***ANOCHETUS*** [Ponerinae: Ponerini]

*Anochetus* Mayr, 1861: 53. Type-species: *Odontomachus ghilianii*, by monotypy.

*Anochetus* senior synonym of *Stenomyrmex*: Forel, 1887: 382; Brown, 1978c: 552.

*Anochetus* senior synonym of *Myrmapatetes*: Brown, 1953h: 2.

***ANOMALOMYRMA*** [Leptanillinae: Anomalomyrmini]

*Anomalomyrma* Taylor, in Bolton, 1990b: 278. Type-species: *Anomalomyrma taylori*, by original designation.

***ANOMMA*** [subgenus of *Dorylus*]

*Anomma* Shuckard, 1840c: 326. Type-species: *Anomma burmeisteri*, by original designation.

*Anomma* as subgenus of *Dorylus*: Haldeman, 1849a: 201

[*Anomma* congeneric with *Dorylus*: Emery, 1895j: 701.]

*Anomma* senior synonym of *Sphegomyrmex*: Smith, F. 1858b: 112.

*Anomma* senior synonym of *Sphecomyrmex*: Bolton, 1995b: 20.

***ANONYCHOMYRMA*** [Dolichoderinae: Leptomyrmecini]

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

***ANOPLOLEPIS*** [Formicinae: Lasiini]

*Anoplolepis* Santschi, 1914b: 123 [as subgenus of *Plagiolepis*]. Type-species: *Formica longipes* (junior primary homonym in *Formica, Formica gracilipes* first available replacement name), by monotypy: Bolton, 1995b: 20.

*Anoplolepis* raised to genus: Emery, 1925b: 16.

*Anoplolepis* senior synonym of *Zealleyella*: Bolton, 2003: 96, 267.

*ANOPLOMYRMA* [junior synonym of *Myrma*]

*Anoplomyrma* Chapman, 1963: 258 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Anoplomyrma) parabiotica*, by monotypy.

*Anoplomyrma* junior synonym of *Myrma*: Dorow, 1995: 30.

*ANTICHTHONIDRIS* [junior synonym of *Monomorium*]

*Antichthonidris* Snelling, R.R. 1975: 5. Type-species: *Monomorium denticulatum*, by original designation.

*Antichthonidris* junior synonym of *Monomorium*: Heterick, 2001: 361.

*ANTILLAEMYRMEX* [junior synonym of *Temnothorax*]

*Antillaemyrmex* Mann, 1920: 408 [as subgenus of *Macromischa*]. Type-species: *Macromischa (Antillaemyrmex) terricola*, by original designation.

*Antillaemyrmex* raised to genus: Wheeler, W.M. 1931b: 4 (in text).

*Antillaemyrmex* junior synonym of *Macromischa*: Smith, M.R. 1937: 849; Smith, M.R. 1939e: 502.

*Antillaemyrmex* junior synonym of *Leptothorax*: Snelling, R.R. 1986: 154.

*Antillaemyrmex* junior synonym of *Temnothorax*: Bolton, 2003: 253, 271.

*APEDUNCULATA* [junior synonym of *Pseudomyrmex*]

Apedunculata Enzmann, E.V. 1944: 62 [as "branch" of *Pseudomyrma*]. Type-species: *Pseudomyrma sericea*, by original designation.

*Apedunculata* junior synonym of *Pseudomyrmex*: Ward, 1990: 469.

***APHAENOGASTER*** [Myrmicinae: Pheidolini]

*Aphaenogaster* Mayr, 1853b: 107. Type-species: *Aphaenogaster sardoa*, by subsequent designation of Bingham, 1903: 270.

*Aphaenogaster* junior synonym of *Atta*: Mayr, 1863: 395.

*Aphaenogaster* subgenus of *Stenamma*: Emery, 1895c: 298.

*Aphaenogaster* revived status as genus: Emery, 1908c: 309.

*Aphaenogaster* senior synonym of *Novomessor*: Brown, 1974b: 47.

*Aphaenogaster* senior synonym of *Attomyrma, Deromyrma, Novomessor, Nystalomyrma, Planimyrma*: Smith, D.R. 1979: 1359; Bolton, 1982: 364.

*Aphaenogaster* senior synonym of *Brunella*: Bolton, 1982: 364.

*Aphaenogaster* senior synonym of \**Sinaphaenogaster*: Bolton, 2003: 230, 273.

*APHANTOLEPIS* [junior synonym of *Technomyrmex*]

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

*Aphantolepis* junior synonym of *Technomyrmex*: Brown, 1953h: 5.

***APHOMOMYRMEX*** [Formicinae: Plagiolepidini]

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

[*Aphomyrmex*: incorrect subsequent spelling, see below.]

*APHOMYRMEX* [**unavailable name**]

*Aphomyrmex* Ashmead, 1905a: 111, incorrect subsequent spelling of *Aphomomyrmex*: Bolton, 1995b: 20.

***APOMYRMA*** [Amblyoponinae]

*Apomyrma* Brown, Gotwald & Lévieux, 1971: 259. Type-species: *Apomyrma stygia*, by original designation.

*APOMYRMEX* [junior synonym of *Tetramorium*]

*Apomyrmex* Calilung, 2000: 66. Type-species: *Apomyrmex manobo*, by original designation.

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

*APOROMYRMEX* [junior synonym of *Plagiolepis*]

*Aporomyrmex* Faber, 1969: 52. Type-species: *Aporomyrmex ampeloni*, by original designation.

*Aporomyrmex* junior synonym of *Plagiolepis*: Bolton, 1994: 51.

*APSYCHOMYRMEX* [junior synonym of *Adelomyrmex*]

*Apsychomyrmex* Wheeler, W.M. 1910a: 261. Type-species: *Apsychomyrmex myops*, by monotypy.

*Apsychomyrmex* junior synonym of *Adelomyrmex*: Kempf, 1972a: 18.

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

*Apterocrema* Wheeler, W.M. 1936c: 45 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Apterocrema) atitlanica*, by monotypy.

*Apterocrema* junior synonym of *C. (Orthocrema)*: Blaimer, 2012c: 52.

***APTEROSTIGMA*** [Myrmicinae: Attini]

*Apterostigma* Mayr, 1865: 111. Type-species: *Apterostigma pilosum*, by monotypy.

***APTINOMA*** [Dolichoderinae: Tapinomini]

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

*ARATROMYRMEX* [junior synonym of *Vollenhovia*]

*Aratromyrmex* Stitz, 1938: 105. Type-species: *Aratromyrmex luctuosus*, by subsequent designation of Donisthorpe, 1943f: 625.

*Aratromyrmex* junior synonym of *Vollenhovia*: Baroni Urbani, 1980: 96.

*ARAUCOMYRMEX* [junior synonym of *Dorymyrmex*]

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

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

*Araucomyrmex* revived status as genus: Kusnezov, 1956: 28; Kusnezov, 1959: 51.

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

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

*Araucomyrmex* junior synonym of *Dorymyrmex*: Shattuck, 1992c: 77.

*ARCHAEOMYRMEX* [junior synonym of *Myrmecina*]

*Archaeomyrmex* Mann, 1921: 448. Type-species: *Archaeomyrmex cacabau*, by original designation.

*Archaeomyrmex* junior synonym of *Myrmecina*: Brown, 1971a: 1.

\****ARCHAEOPONE*** [\*Armaniidae]

\**Archaeopone* Dlussky, 1975: 120. Type-species: \**Archaeopone kzylzharica*, by original designation.

\**Archaeopone* junior synonym of \**Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

\**Archaeopone* revived status as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491.

*ARCHEATTA* [junior synonym of *Atta*]

*Archeatta* Gonçalves, 1942: 342 [as subgenus of *Atta*]. Type-species: *Oecodoma mexicana*, by original designation.

*Archeatta* as subgenus of *Atta*: Borgmeier, 1959b: 350; Kempf, 1972a: 27.

*Archeatta* as junior synonym of *Atta*: Smith, M.R. 1951a: 832; Weber, 1958a: 8; Bolton, 1994: 105.

\****ARCHIMYRMEX*** [*incertae sedis* in Myrmeciinae]

\**Archimyrmex* Cockerell, 1923a: 52. Type-species: \**Archimyrmex rostratus*, by monotypy.

\**Archimyrmex* senior synonym of \**Ameghinoia*, \**Polanskiella*: Dlussky & Rasnitsyn, 2002: 420; Dlussky & Perfil'eva, 2003: 44.

\****ARCHIPONERA*** [Ponerinae: Ponerini]

\**Archiponera* Carpenter, 1930: 27. Type-species: \**Archiponera wheeleri*, by original designation.

*ARCTOMYRMEX* [junior synonym of *Adelomyrmex*]

*Arctomyrmex* Mann, 1921: 457 [as subgenus of *Adelomyrmex*]. Type-species: *Adelomyrmex (Arctomyrmex) hirsutus,* by original designation.

*Arctomyrmex* junior synonym of *Adelomyrmex*: Bolton, 1994: 106.

\****ARMANIA*** [\*Armaniidae]

\**Armania* Dlussky, 1983: 67. Type-species: \**Armania robusta*, by original designation.

\**Armania* junior synonym of \**Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

\**Armania* revived status as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491.

\**Armania* senior synonym of \**Armaniella*: Dlussky, 1999a: 63.

\**ARMANIELLA* [junior synonym of \**Armania*]

\**Armaniella* Dlussky, 1983: 71. Type-species: \**Armaniella curiosa*, by original designation.

\**Armaniella* junior synonym of \**Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

\**Armaniella* revived status as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491.

\**Armaniella* junior synonym of \**Armania*: Dlussky, 1999a: 63.

*ARNOLDIDRIS* [junior synonym of *Orectognathus*]

*Arnoldidris* Brown, 1950c: 143. Type-species: *Orectognathus chyzeri*, by original designation.

*Arnoldidris* junior synonym of *Orectognathus*: Taylor, 1977: 581; Bolton, 1999: 1655.

***ARNOLDIUS*** [Dolichoderinae: Bothriomyrmecini]

*Arnoldius* Dubovikov, 2005a: 93. Type-species: *Bothriomyrmex flavus*, by original designation.

*AROTROPUS* [junior synonym of *Stigmatomma*]

*Arotropus* Provancher, 1881a: 205. Type-species: *Arotropus binodosus* (junior synonym of *Typhlopone pallipes*), by monotypy.

*Arotropus* junior synonym of *Amblyopone*: Provancher, 1887: 240; Brown, 1960a: 155.

*Arotropus* junior synonym of *Stigmatomma*: Yoshimura & Fisher, 2012a: 17.

*ASEMORHOPTRUM* [junior synonym of *Stenamma*]

*Asemorhoptrum* Mayr, 1861: 76. Type-species: *Myrmica lippula*, by monotypy.

*Asemorhoptrum* junior synonym of *Stenamma*: André, 1883a: 310.

[*Asemorhoptrum* as junior synonym of *Proatta*: Snelling, R.R. 1981: 395 (in error).]

*ASKETOGENYS* [junior synonym of *Strumigenys*]

*Asketogenys* Brown, 1972: 23. Type-species: *Asketogenys acubecca*, by original designation.

*Asketogenys* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Asketogenys* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 103.

***ASPHINCTANILLOIDES*** [Leptanilloidinae]

*Asphinctanilloides* Brandão, Diniz, Agosti & Delabie, 1999: 30. Type-species: *Asphinctanilloides anae*, by original designation.

***ASPHINCTOPONE*** [Ponerinae: Ponerini]

*Asphinctopone* Santschi, 1914d: 318. Type-species: *Asphinctopone silvestrii*, by monotypy.

*Asphinctopone* senior synonym of *Lepidopone*: Brown, 1953h: 2.

*ASPIDIDRIS* [junior synonym of *Basiceros*]

*Aspididris* Weber, 1950c: 3. Type-species: *Aspididris militaris*, by monotypy.

*Aspididris* junior synonym of *Basiceros*: Brown, 1974c: 132.

\****ASYMPHYLOMYRMEX*** [*incertae sedis* in Dolichoderinae]

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

*ATOPODON* [junior synonym of *Acropyga*]

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

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

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

*Atopodon* raised to genus: Wheeler, W.M. 1922a: 695.

*Atopodon* subgenus of *Acropyga*: Emery, 1925b: 30.

*Atopodon* junior synonym of *Acropyga*: LaPolla, 2004: 16.

*ATOPOGYNE* [junior synonym of *Crematogaster (Crematogaster)*]

Ato*pogyne* Forel, 1911d: 343 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Atopogyne) hellenica*, by subsequent designation of Wheeler, W.M. 1911f: 159.

[Type-species not *Crematogaster depressa*, unjustified subsequent designation by Emery, 1912d: 272; this error repeated in Emery, 1922e: 154 and in Soulié, 1965: 78.]

*Atopogyne* raised to genus: Soulié, 1964: 398.

*Atopogyne* junior synonym of *Crematogaster*: Hölldobler & Wilson, 1990: 13.

*Atopogyne* subgenus of *Crematogaster*: Bolton, 1995b: 21.

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

***ATOPOMYRMEX*** [Myrmicinae: Formicoxenini]

*Atopomyrmex* André, 1889: 226. Type-species: *Atopomyrmex mocquerysi*, by monotypy.

*ATOPULA* [junior synonym of *Tetramorium*]

*Atopula* Emery, 1912b: 104. Type-species: *Atopomyrmex nodifer*, by original designation.

*Atopula* subgenus of *Vollenhovia*: Emery, 1912d: 273.

*Atopula* revived status as as genus: Emery, 1914a: 41.

*Atopula* subgenus of *Terataner*: Arnold, 1952b: 129.

*Atopula* revived status as as genus: Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism).

*Atopula* junior synonym of *Tetramorium*: Bolton, 1976: 359; Bolton, 1980: 195 Bolton, 1994: 106.

***ATTA*** [Myrmicinae: Attini]

*Atta* Fabricius, 1804: 421. Type-species: *Formica cephalotes*, by subsequent designation of Wheeler, W.M. 1911f: 159.

*Atta* senior synonym of *Oecodoma*: Roger, 1863b: 35.

*Atta* senior synonym of *Archeatta*: Smith, M.R. 1951a: 832.

*Atta* senior synonym of *Archeatta, Epiatta, Neoatta, Palaeatta*: Weber, 1958a: 8. [Each subgeneric name has subsequently been resurrected from and returned to synonymy, see under respective entries and in Bolton (1995b, 2003).]

[*Myrmegis (nomen nudum)* referable to *Atta*: Brown, 1973b: 182 (see under *Myrmegis*).]

\****ATTAICHNUS*** [Myrmicinae: Attini]

\**Attaichnus* Laza, 1982: 112. Included ichnospecies: \**Attaichnus kuenzelii*. Ichnofossil, purportedly fossil traces of workings attributable to attine ants.

*ATTOMYRMA* [junior synonym of *Aphaenogaster*]

*Attomyrma* Emery, 1915d: 70 [as subgenus of *Aphaenogaster*]. Type-species: *Formica subterranea*, by original designation.

*Attomyrma* junior synonym of *Aphaenogaster*: Bolton, 1982: 364.

\****ATTOPSIS*** [Myrmicinae]

\**Attopsis* Heer, 1849: 155. [Also described as new by Heer, 1850: 155.] Type-species: \**Attopsis longipennis*, by subsequent designation of Wheeler, W.M. 1911f: 159.

***AULACOMYRMA*** [subgenus of *Polyrhachis*]

*Aulacomyrma* Emery, 1921e: 17 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis porcata*, by original designation.

*Aulacomyrma* senior synonym of *Johnia*: Hung, 1967b: 402.

***AULACOPONE*** [Heteroponerinae]

*Aulacopone* Arnol'di, 1930a: 139. Type-species: *Aulacopone relicta*, by monotypy.

[*Aulacopone* also described as new by Arnol'di, 1930d: 159.]

***AUSTROLASIUS*** [subgenus of *Lasius*]

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

***AUSTROMORIUM*** [Myrmicinae: Stenammini]

*Austromorium* Shattuck, 2009b: 63. Type-species: *Xiphomyrmex flavigaster*, by original designation.

\****AVITOMYRMEX*** [*incertae sedis* in Myrmeciinae]

\**Avitomyrmex* Archibald, Cover & Moreau, 2006: 495. Type-species: \**Avitomyrmex mastax*, by original designation.

***AXINIDRIS*** [Dolichoderinae: Tapinomini]

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

***AZTECA*** [Dolichoderinae: Leptomyrmecini]

*Azteca* Forel, 1878: 384. Type-species: *Liometopum xanthochroum*, by monotypy.

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

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

\****BAIKURIS*** [\*Sphecomyrminae: \*Sphecomyrmini]

\**Baikuris* Dlussky, 1987: 133. Type-species: \**Baikuris mandibularis*, by original designation.

***BAJCARIDRIS*** [Formicinae: Formicini]

*Bajcaridris* Agosti, 1994a: 99. Type-species: *Formica (Proformica) theryi*, by original designation.

[*Bajcaridris* Agosti, 1991: 295. *Nomen nudum*.]

***BANNAPONE*** [Amblyoponinae]

*Bannapone* Xu, 2000b: 299. Type-species: *Bannapone mulanae*, by original designation.

***BARACIDRIS*** [Myrmicinae: Adelomyrmecini]

*Baracidris* Bolton, 1981b: 252. Type-species: *Baracidris meketra*, by original designation.

*BARBOURELLA* [junior synonym of *Gnamptogenys*]

*Barbourella* Wheeler, W.M. 1930f: 10 [as subgenus of *Emeryella*]. Type-species: *Emeryella (Barbourella) banksi*, by original designation.

*Barbourella* junior synonym of *Gnamptogenys*: Brown, 1958g: 212.

***BARIAMYRMA*** [Myrmicinae: Stenammini]

*Bariamyrma* Lattke, 1990a: 173. Type-species: *Bariamyrma hispidula*, by original designation.

***BARONIURBANIA*** [subgenus of *Lepisiota*]

*Baroniurbania* Pagliano & Scaramozzino, 1990: 4. [Unnecessary replacement name for *Acantholepis* Mayr (junior homonym). *Lepisiota* is first available replacement name, see there and under *Acantholepis*.]

*Baroniurbania* junior synonym of *Lepisiota*: Bolton, 1994: 51.

*Baroniurbania* subgenus of *Lepisiota*: Dietrich, 2004: 324.

***BASICEROS*** [Myrmicinae: Basicerotini]

*Basiceros* Schulz, W.A. 1906: 156. Replacement name for *Ceratobasis* Smith, F. 1860c: 78. [Junior homonym of *Ceratobasis* Lacordaire, 1848: 362 (Coleoptera).]

*Basiceros* senior synonym of *Aspididris*: Brown, 1974c: 132.

*Basiceros* senior synonym of *Creightonidris*: Fernández, 2003d: 314, 392; Feitosa, Brandão & Dietz, 2007: 17.

*Basiceros* senior synonym of *Acanthidris, Eurhopalothrix, Heptastruma, Octostruma, Protalaridris, Rhopalothrix, Talaridris*: Baroni Urbani & De Andrade, 2007: 88.

***BELONOPELTA*** [Ponerinae: Ponerini]

*Belonopelta* Mayr, 1870a: 394. Type-species: *Belonopelta attenuata*, by monotypy.

*Belonopelta* senior synonym of *Leiopelta*: Hölldobler & Wilson: 1990: 10; Bolton, 1994: 164.

*BICONOMYRMA* [junior synonym of *Dorymyrmex*]

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

*Biconomyrma* raised to genus: Kusnezov, 1959: 51; Kusnezov, 1964: 67.

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

*Biconomyrma* junior synonym of *Dorymyrmex*: Shattuck, 1992c: 78.

*BISOLENOPSIS* [junior synonym of *Solenopsis*]

*Bisolenopsis* Kusnezov, 1953d: 9. Type-species: *Bisolenopsis sea*, by monotypy.

*Bisolenopsis* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

[*Disolenopsis* Snelling, R.R. 1981: 397, incorrect subsequent spelling.]

***BLEPHARIDATTA*** [Myrmicinae: Blepharidattini]

*Blepharidatta* Wheeler, W.M. 1915e: 484. Type-species: *Blepharidatta brasiliensis*, by monotypy.

*Blepharidatta* provisional junior synonym of *Ochetomyrmex*: Brown, 1973b: 179.

*Blepharidatta* valid genus: Kempf, 1975c: 369; Wheeler, G.C. & Wheeler, J. 1991a: 132.

***BOLOPONERA*** [Ponerinae: Ponerini]

*Boloponera* Fisher, 2006: 112. Type-species: *Boloponera vicans*, by original designation.

\****BOLTONIDRIS*** [Myrmicinae: Stenammini]

\**Boltonidris* Radchenko & Dlussky, 2012: 628. Type-species: \**Boltonidris mirabilis*, by original designation.

***BONDROITIA*** [Myrmicinae: Solenopsidini]

*Bondroitia* Forel, 1911c: 300 (footnote) [as subgenus of *Monomorium*]. Type-species: *Monomorium (Martia) coecum* (junior synonym of *Diplomorium lujae*), by monotypy.

[*Bondroitia* also described as new, but as subgenus of *Diplomorium*, by Forel, 1911d: 398; see discussion in Bolton, 1987: 275.]

*Bondroitia* subgenus of *Diplomorium*: Forel, 1917: 243; Emery, 1922e: 194

*Bondroitia* junior synonym of *Diplomorium*: Ettershank, 1966: 98.

*Bondroitia* revived status as genus: Bolton, 1987: 275.

*BORGMEIERITA* [junior synonym of *Strumigenys*]

*Borgmeierita* Brown, 1953g: 23. Type-species: *Codiomyrmex excisus*, by original designation.

*Borgmeierita* junior synonym of *Glamyromyrmex*: Brown, 1973a: 35.

*Borgmeierita* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Borgmeierita* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 2007: 103.

***BOTHRIOMYRMEX*** [Dolichoderinae: Bothriomyrmecini]

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

*BOTHROPONERA* [junior synonym of *Pachycondyla*]

*Bothroponera* Mayr, 1862: 717. Type-species: *Ponera pumicosa*, by subsequent designation of Emery, 1901a: 42.

*Bothroponera* subgenus of *Ponera*: Emery, 1895j: 767.

*Bothroponera* as subgenus of *Pachycondyla*: Emery, 1901a: 42.

*Bothroponera* revived status as genus: Wheeler, W.M. 1918c: 299 (footnote).

*Bothroponera* senior synonym of *Pseudoneoponera*: Wilson, 1958d: 361.

*Bothroponera* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

***BRACHYMYRMEX*** [Formicinae: Plagiolepidini]

*Brachymyrmex* Mayr, 1868b: 163. Type-species: *Brachymyrmex patagonicus*, by monotypy.

*Brachymyrmex* senior synonym of *Bryscha*: Smith, D.R. 1979: 1424.

*BRACHYPONERA* [junior synonym of *Pachycondyla*]

*Brachyponera* Emery, 1900c: 315 [as subgenus of *Euponera*]. Type-species: *Euponera (Brachyponera) croceicornis*, by monotypy.

[*Brachyponera* also described as new by Emery, 1901a: 43. Type-species not *Ponera sennaarensis*, unjustified subsequent designation by Emery, 1901a: 43, repeated in Wheeler, W.M. 1911f: 160, Emery, 1911d: 84, Wheeler, W.M. 1922a: 777, Donisthorpe, 1943g: 628, Wilson, 1958d: 346; Bolton, 1973a: 335 and Taylor & Brown, D.R. 1985: 23.]

*Brachyponera* as subgenus of *Euponera*: Emery, 1911d: 83; Wheeler, W.M. 1922a: 649.

*Brachyponera* raised to genus: Bingham, 1903: 101; Wilson, 1958d: 346.

*Brachyponera* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

\****BRACHYTARSITES*** [*incertae sedis* in Myrmicinae]

\**Brachytarsites* Hong, 2002: 559. Type-species: \**Brachytarsites dongzhouheensis*, by original designation.

\****BRADOPONERA*** [Proceratiinae: Proceratiini]

\**Bradoponera* Mayr, 1868c: 73. Type-species: \**Bradoponera meieri*, by monotypy.

*BRADYPONERA* [junior synonym of *Myopias*]

*Bradyponera* Mayr, 1886c: 362. Type-species: *Ponera nitida* (junior primary homonym in *Ponera*, replaced by *Trapeziopelta mayri*), by monotypy.

[*Bradyponera* Smith, F. 1873: viii. *Nomen nudum*, attributed to Mayr.]

*Bradyponera* junior synonym of *Pachycondyla*: Snelling, R.R. 1981: 389 (error).

*Bradyponera* junior synonym of *Trapeziopelta*: Emery, 1911d: 93 (provisional synonym); Donisthorpe, 1932c: 468.

*Bradyponera* junior synonym of *Myopias*: Willey & Brown, 1983: 249].

***BREGMATOMYRMA*** [Formicinae: Plagiolepidini]

*Bregmatomyrma* Wheeler, W.M. 1929b: 3. Type-species: *Bregmatomyrma carnosa*, by original designation.

[*Bregmatomyrmex*: Wheeler, G.C. & Wheeler, J. 1985: 259, incorrect subsequent spelling].

*BROWNIDRIS* [junior synonym of *Ochetomyrmex*]

*Brownidris* Kusnezov, 1956: 25 (diagnosis in key). Type-species: *Brownidris argentinus*, by original designation.

[*Brownidris* also described as new by Kusnezov, 1957a: 275.]

*Brownidris* junior synonym of *Ochetomyrmex*: Kempf, 1975c: 355; Bolton, 1994: 106.

[*Brownidris* retained as genus: Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 80 (anachronism)].

\****BROWNIMECIA*** [\*Brownimeciinae]

\**Brownimecia* Grimaldi, Agosti & Carpenter, 1997: 20. Type-species: \**Brownimecia clavata*, by original designation.

*BRUCHOMYRMA* [junior synonym of *Pheidole*]

*Bruchomyrma* Santschi, 1922d: 248. Type-species: *Bruchomyrma acutidens*, by monotypy.

*Bruchomyrma* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 1984: 327.

[*Bruchomyrma* listed as genus: Dlussky & Fedoseeva, 1988: 80 (anachronism)].

*Bruchomyrma* junior synonym of *Pheidole*: Bolton, 1994: 106; Wilson, 2003: 6.

*BRUNELLA* [junior synonym of *Aphaenogaster*]

*Brunella* Forel, 1917: 234. Type-species: *Aphaenogaster belti*, by monotypy.

*Brunella* junior synonym of *Atopula*: Emery, 1924d: 242; Donisthorpe, 1943f: 629.

*Brunella* junior synonym of *Aphaenogaster*: Bolton, 1982: 364; Bolton, 1994: 106.

*BRYSCHA* [junior synonym of *Brachymyrmex*]

*Bryscha* Santschi, 1923b: 652 [as subgenus of *Brachymyrmex*]. Type-species: *Brachymyrmex pilipes*, by original designation.

*Bryscha* junior synonym of *Brachymyrmex*: Smith, D.R. 1979: 1424.

\****BURMOMYRMA*** [Aneuretinae]

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

*CACOPONE* [junior synonym of *Plectroctena*]

*Cacopone* Santschi, 1914d: 325. Type-species: *Cacopone hastifer*, by monotypy.

*Cacopone* junior synonym of *Plectroctena*: Bolton, 1974c: 313.

***CALOMYRMEX*** [Formicinae: Camponotini]

*Calomyrmex* Emery, 1895j: 772. Type-species: *Formica laevissima*, by monotypy.

\****CALYPTITES*** [*incertae sedis* in Formicidae]

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

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

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

***CALYPTOMYRMEX*** [Myrmicinae: Stenammini]

*Calyptomyrmex* Emery, 1887b: 471. Type-species: *Calyptomyrmex beccarii*, by monotypy.

*Calyptomyrmex* senior synonym of *Weberidris*: Donisthorpe, 1949f: 186; Brown, 1949f: 84.

***CAMPOMYRMA*** [subgenus of *Polyrhachis*]

*Campomyrma* Wheeler, W.M. 1911c: 860 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis clypeata* (junior synonym of *Formica exercita*), by original designation.

\****CAMPONOTITES*** [*incertae sedis* in Formicinae]

\**Camponotites* Steinbach, 1967: 101. Type-species: \**Camponotites silvestris*, by monotypy.

\**Camponotites* senior synonym of \**Rabidia*: Dlussky, Wappler & Wedmann, 2008: 616 [by implication as type-species of \**Rabidia* transferred to \**Camponotites*].

\**Camponotites* senior synonym and senior homonym of \**Camponotites* Dlussky: Dlussky, Karl, *et al*. 2011: 451.

\**CAMPONOTITES* [junior synonym and homonym of \**Camponotites* Steinbach]

\**Camponotites* Dlussky, 1981b: 76. Type-species: \**Camponotites macropterus*, by monotypy.

\**Camponotites* junior synonym and junior homonym of \**Camponotites* Steinbach: Dlussky, Karl, *et al*. 2011: 451.

***CAMPONOTUS*** [Formicinae: Camponotini]

*Camponotus* Mayr, 1861: 35. Type-species: *Formica ligniperda*, by subsequent designation of Bingham, 1903: 347.

[Type-species not *Formica herculeana*, unjustified subsequent designation by Forel, 1914a: 259, repeated in Arnold, 1922: 612.]

*Camponotus* (subgenus not given) senior synonym of \**Shanwangella*: Hong & Wu, 2000: 20.

*Camponotus* senior synonym of \**Paleosminthurus*: Snelling, R.R. (pers. comm., unpublished).

Subgenera of *Camponotus* (alphabetical order with synonyms indicated): nominal plus *Colobopsis (= Campylomyrma, = Condylomyrma, = Dolophra), Dendromyrmex, Dinomyrmex (= Myrmogigas), Hypercolobopsis (= Neocolobopsis), Karavaievia, Manniella, Mayria (= Myrmosaga), Myrmacrhaphe, Myrmamblys, Myrmaphaenus (= Neomyrmamblys, = Paracolobopsis), Myrmentoma, Myrmepinotus, Myrmepomis (= Myrmolophus), Myrmespera, Myrmeurynota, Myrmisolepis, Myrmobrachys, Myrmocladoecus, Myrmodirachis, Myrmogonia, Myrmomalis, Myrmonesites (= Myrmensites), Myrmopalpella, Myrmopelta, Myrmophyma (= Myrmocamelus), Myrmopiromis, Myrmoplatypus, Myrmoplatys, Myrmopsamma, Myrmopytia, Myrmosaulus, Myrmosericus, Myrmosphincta, Myrmostenus, Myrmotarsus, Myrmotemnus, Myrmothrix, Myrmotrema, Myrmoxygenys, Orthonotomyrmex (= Orthonotus (junior homonym), Paramyrmamblys, Pseudocolobopsis, Rhinomyrmex, Tanaemyrmex (= Myrmoturba), Thlipsepinotus.*

[All subgenera were given as provisional junior synonyms of *Camponotus* by Brown, 1973b: 179-185. The list was repeated in Hölldobler & Wilson, 1990: 18 with all subgenera listed as junior synonyms. They reverted to subgeneric status in Bolton, 1994: 50; see under individual entries. The entry of *Myrmophyma* and *Thlipsepinotus* under the synonymy of *Camponotus* by Taylor & Brown, D.R. 1985: 109, is not accepted as confirmation as not all taxa were included.]

*CAMPOSTIGMACROS* [junior synonym of *Stigmacros*]

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

*Campostigmacros* junior synonym of *Stigmacros*: Taylor & Brown, D.R. 1985: 145.

*CAMPTOGNATHA* [junior synonym of *Eciton*]

*Camptognatha* Gray, G.R. 1832: 516. Type-species: *Camptognatha testacea* (junior synonym of *Formica hamata*), by monotypy.

*Camptognatha* junior synonym of *Eciton*: Smith, F. 1855c: 160.

*CAMPYLOMYRMA* [**unavailable name**]

*Campylomyrma* Wheeler, W.M. 1934e: 421, incorrect subsequent spelling of *Condylomyrma*: Bolton, 1995b: 23.

\****CANANEURETUS*** [Aneuretinae?]

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

\****CANAPONE*** [Ectatomminae]

\**Canapone* Dlussky, 1999b: 75. Type-species: \**Canapone dentata*, by original designation.

***CARDIOCONDYLA*** [Myrmicinae: Formicoxenini]

*Cardiocondyla* Emery, 1869b: 20. Type-species: *Cardiocondyla elegans*, by monotypy.

*Cardiocondyla* senior synonym of *Emeryia*: Forel, 1892h: 461; Forel, 1892i: 313.

*Cardiocondyla* senior synonym of *Xenometra*: Baroni Urbani, 1973: 200; Marikovsky & Yakushin, 1974: 60.

*Cardiocondyla* senior synonym of *Dyclona, Loncyda*, *Prosopidris*: Smith, D.R. 1979: 1375; Bolton, 1982: 309.

*CARDIOPHEIDOLE* [junior synonym of *Pheidole*]

*Cardiopheidole* Wheeler, W.M. 1914b: 48 [as subgenus of *Pheidole*]. Type-species: *Pheidole vaslitii*, by original designation.

*Cardiopheidole* junior synonym of *Pheidole*: Emery, 1921f: 84.

***CAREBARA*** [Myrmicinae: Solenopsidini]

*Carebara* Westwood, 1840b: 86. Type-species: *Carebara lignata*, by monotypy.

*Carebara* senior synonym of *Aeromyrma, Afroxyidris, Aneleus, Crateropsis, Erebomyrma, Hendecatella, Lecanomyrma, Neoblepharidatta, Nimbamyrma, Oligomyrmex, Paedalgus, Solenops, Spelaeomyrmex, Sporocleptes*: Fernández, 2004a: 194.

*Carebara* senior synonym of *Parvimyrma*: Fernández, 2010: 195.

***CAREBARELLA*** [Myrmicinae: Solenopsidini]

*Carebarella* Emery, 1906c: 137. Type-species: *Carebarella bicolor*, by monotypy.

*Carebarella* senior synonym of *Carebarelloides*: Ettershank, 1966: 113.

*CAREBARELLOIDES* [junior synonym of *Carebarella*]

*Carebarelloides* Borgmeier, 1937b: 236 [as subgenus of *Carebarella*]. Type-species: *Carebarella (Carebarelloides) condei*, by original designation.

*Carebarelloides* junior synonym of *Carebarella*: Ettershank, 1966: 113.

\****CARIRIDRIS*** [*incertae sedis* in Aculeata]

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

\**Cariridris* in Sphecidae: Verhaagh, 1996: 11; Dlussky & Rasnitsyn, 2002: 418; *incertae sedis* in Aculeata: Grimaldi, Agosti & Carpenter, 1997: 7; Ward & Brady, 2003: 362. **Excluded from Formicidae**.

\****CASALEIA*** [Amblyoponinae]

\**Casaleia* Pagliano & Scaramozzino, 1990: 5. Replacement name for \**Protamblyopone* Dlussky, 1981: 65. [Junior homonym of *Protamblyopone* Wheeler, W.M. 1927c: 1.]

***CATAGLYPHIS*** [Formicinae: Formicini]

*Cataglyphis* Foerster, 1850b: 493. Type-species: *Cataglyphis fairmairei* (junior synonym of *Formica bicolor*), by monotypy.

*Cataglyphis* senior synonym of *Myrmecocystus*: Roger, 1863b: 12; Mayr, 1863: 402.

*Cataglyphis* junior synonym of *Myrmecocystus*: Forel, 1878: 372; Forel, 1886f: 201; Mayr, 1886d: 424; Karavaiev, 1924: 301.

*Cataglyphis* subgenus of *Myrmecocystus*: Wheeler, W.M. 1910g: 144.

*Cataglyphis* revived from synonymy: Wheeler, W.M. 1913a: 78; Emery, 1925b: 261.

*Cataglyphis* senior synonym of *Monocombus*: Mayr, 1861: 44; Agosti, 1990b: 1462.

*Cataglyphis* senior synonym of *Machaeromyrma*: Baroni Urbani, 1969d: 218; Agosti, 1990b: 1462.

*Cataglyphis* senior synonym of *Eomonocombus*, *Paraformica*: Agosti, 1990b: 1462.

\****CATAGLYPHOIDES*** [Formicinae: Formicini]

*\*Cataglyphoides* Dlussky, 2008a: 46. Type-species: \**Camponotus constrictus*, by original designation.

***CATAULACUS*** [Myrmicinae: Cataulacini]

*Cataulacus* Smith, F. 1853: 225. Type-species: *Cataulacus taprobanae*, by subsequent designation of Bingham, 1903: 120.

*Cataulacus* senior synonym of *Otomyrmex*: Wheeler, W.M. 1922a: 664; Bolton, 1974a: 1.

*CAULOMYRMA* [junior synonym of *Nesomyrmex*]

*Caulomyrma* Forel, 1914d: 233 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax echinatinodis*, by original designation.

*Caulomyrma* junior synonym of *Nesomyrmex*: [Forel, 1915c: 364 (provisional synonym)]; Emery, 1915g: 24.

[*Caulomyrma* and *Nesomyrmex* junior synonyms of *Goniothorax*: Emery, 1924d: 249 (incorrect procedure as *Goniothorax* is a junior homonym for which *Nesomyrmex* is the first available replacement name; see Smith, M.R. 1950: 30).]

***CAUTOLASIUS*** [subgenus of *Lasius*]

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

***CENTROMYRMEX*** [Ponerinae: Ponerini]

*Centromyrmex* Mayr, 1866b: 894. Type-species: *Centromyrmex bohemanni* (junior synonym of *Ponera brachycola*), by monotypy.

*Centromyrmex* senior synonym of *Spalacomyrmex*: Emery, 1890b: 40.

*Centromyrmex* senior synonym of *Typhloteras*: Brown, 1953c: 8.

*Centromyrmex* senior synonym of *Glyphopone*, *Leptopone*: Brown, 1963: 9.

*CEPHALOMORIUM* [junior synonym of *Pheidole*]

*Cephalomorium* Forel, 1922: 91 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Cephalomorium) bahai*, by monotypy.

*Cephalomorium* junior synonym of *Hendecapheidole*: Santschi, 1925d: 228.

*Cephalomorium* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 2003: 6].

*CEPHALOMYRMA* [junior synonym of *Myrmhopla*]

*Cephalomyrma* Karavaiev, 1935a: 115 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Cephalomyrma) stylifera*, by monotypy.

*Cephalomyrma* junior synonym of *Myrmhopla*: Hung, 1967b: 402.

\****CEPHALOMYRMEX*** [*incertae sedis* in Myrmicinae]

\**Cephalomyrmex* Carpenter, 1930: 37. Type-species: \**Cephalomyrmex rotundatus*, by original designation.

\****CEPHALOPONE*** [Ponerinae]

\**Cephalopone* Dlussky & Wedmann, 2012: 741. Type-species: \**Cephalopone potens*, by original designation.

***CEPHALOTES*** [Myrmicinae: Cephalotini]

*Cephalotes* Latreille, 1802a: 357. Type-species: *Formica atrata*, by monotypy.

[Type-species not *Formica cephalotes*, unjustified subsequent designation by Wheeler, W.M. 1911f: 160; corrected by Wheeler, W.M. 1913a: 78.]

*Cephalotes* junior synonym of *Cryptocerus*: Fabricius, 1804: 419.

*Cephalotes* senior synonym of *Cryptocerus*: Wheeler, W.M. 1913a: 78; Smith, M.R. 1949c: 19; Kempf, 1951: 107.

*Cephalotes* senior synonym of *Eucryptocerus, \*Exocryptocerus*, *Zacryptocerus* (and its junior synonyms *Cyathocephalus, Cyathomyrmex, Harnedia, Hypocryptocerus, Paracryptocerus*): De Andrade & Baroni Urbani, 1999: 59.

*CEPHALOXYS* [junior homonym, see *Smithistruma*]

*Cephaloxys* Smith, F. 1865: 76. Type-species: *Cephaloxys capitata*, by monotypy. [Junior homonym of *Cephaloxys* Signoret, 1847: 294 (Hemiptera).]

*Smithistruma* Brown, 1948e: 104, replacement name for *Cephaloxys* Smith.

*CEPOBROTICUS* [junior synonym of *Megalomyrmex*]

*Cepobroticus* Wheeler, W.M. 1925d: 168 [as subgenus of *Megalomyrmex*]. Type-species: *Megalomyrmex (Cepobroticus) symmetochus*, by monotypy.

*Cepobroticus* junior synonym of *Megalomyrmex*: Ettershank, 1966: 101; Brandão, 1990: 415.

***CERAPACHYS*** [Cerapachyinae: Cerapachyini]

*Cerapachys* Smith, F. 1857a: 74. Type-species: *Cerapachys antennatus*, by subsequent designation of Bingham, 1903: 28.

*Cerapachys* senior synonym of *Ceratopachys*: Wheeler, W.M. 1922a: 755.

*Cerapachys* senior synonym of *Parasyscia, Syscia* (and its junior synonym *Cysias*): Kempf, 1972a: 76; Brown, 1975: 18.

*Cerapachys* senior synonym of *Chrysapace, Lioponera, Neophyracaces, Ooceraea, Phyracaces, \*Procerapachys*: Brown, 1975: 18.

*Cerapachys* senior synonym of *Yunodorylus*: Bolton, 2003: 141, 268.

[*Orapachys* Forel, 1893a: 162, incorrect subsequent spelling.]

*CERATOBASIS* [junior homonym, see *Basiceros*]

*Ceratobasis* Smith, F. 1860c: 78. Type-species: *Meranoplus singularis*, by monotypy. [Junior homonym of *Ceratobasis* Lacordaire, 1848: 362 (Coleoptera).]

*Basiceros* Schulz, W.A. 1906: 156, replacement name for *Ceratobasis* Smith.

*CERATOPACHYS* [junior synonym of *Cerapachys*]

*Ceratopachys* Schulz, W.A. 1906: 155, unjustified emendation of *Cerapachys*.

*Ceratopachys* junior synonym of *Cerapachys*: Wheeler, W.M. 1922a: 755.

*CERATOPHEIDOLE* [junior synonym of *Pheidole*]

*Ceratopheidole* Pergande, 1896: 889 [as subgenus of *Pheidole*]. Type-species: *Pheidole (Ceratopheidole) granulata,* by monotypy.

*Ceratopheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1365; Wilson, 2003: 6.

*CHALCOPONERA* [junior synonym of *Rhytidoponera*]

*Chalcoponera* Emery, 1897d: 548. Type-species: *Ponera metallica*, by subsequent designation of Emery, 1911d: 39.

*Chalcoponera* junior synonym of *Rhytidoponera*: Brown, 1953c: 2.

***CHALEPOXENUS*** [Myrmicinae: Formicoxenini]

*Chalepoxenus* Menozzi, 1923a: 257. Type-species: *Chalepoxenus gribodoi* (junior synonym of *Leptothorax muellerianus*), by monotypy.

[Name of type-species initially misspelled *gridoboi*, p. 257; correct spelling as *gribodoi*, p. 258.]

*Chalepoxenus* senior synonym of *Leonomyrma*: Buschinger, 1987: 117.

*CHAMPSOMYRMEX* [junior synonym of *Odontomachus*]

*Champsomyrmex* Emery, 1892d: 558 (footnote). Type-species: *Odontomachus coquereli*, by monotypy.

*Champsomyrmex* subgenus of *Odontomachus*: Forel, 1893a: 163; Forel, 1917: 238.

*Champsomyrmex* as genus: Emery, 1892d: 558 (footnote); Emery, 1911d: 111; Wheeler, W.M. 1922a: 653.

*Champsomyrmex* junior synonym of *Odontomachus*; Brown, 1976a: 96.

[*Thempsomyrmex* Forel, 1893a: 163, incorrect subsequent spelling.]

*CHAPMANELLA* [junior synonym of *Euprenolepis*]

*Chapmanella* Wheeler, W.M. 1930d: 41. Type-species: *Chapmanella negrosensis*, by original designation.

*Chapmanella* junior synonym of *Euprenolepis*: Brown, 1953h: 6.

***CHARIOMYRMA*** [subgenus of *Polyrhachis*]

*Chariomyrma* Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis guerini*, by original designation.

*CHARIOSTIGMACROS* [junior synonym of *Stigmacros*]

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

*Chariostigmacros* junior synonym of *Stigmacros*: Taylor & Brown, D.R. 1985: 145.

*CHELANER* [junior synonym of *Monomorium*]

*Chelaner* Emery, 1914f: 410 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Chelaner) forcipatum*, by subsequent designation of Emery, 1922e: 168.

*Chelaner* raised to genus: Ettershank, 1966: 93.

*Chelaner* senior synonym of *Notomyrmex, Protholcomyrmex*, *Schizopelta*: Ettershank, 1966: 93.

*Chelaner* (and its junior synonyms *Notomyrmex, Protholcomyrmex, Schizopelta*) junior synonym of *Monomorium*: Bolton, 1987: 300.

***CHELIOMYRMEX*** [Ecitoninae: Cheliomyrmecini]

*Cheliomyrmex* Mayr, 1870b: 968. Type-species: *Cheliomyrmex nortoni* (junior synonym of *Labidus morosus*), by monotypy.

*CHELYSTRUMA* [junior synonym of *Strumigenys*]

*Chelystruma* Brown, 1950a: 33 [as subgenus of *Glamyromyrmex*]. Type-species: *Glamyromyrmex (Chelystruma) lilloana*, by monotypy.

*Chelystruma* raised to genus: Kempf, 1959d: 338.

*Chelystruma* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Chelystruma* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

***CHIMAERIDRIS*** [Myrmicinae: Pheidolini]

*Chimaeridris* Wilson, 1989: 63. Type-species: *Chimaeridris boltoni*, by original designation.

\****CHIMAEROMYRMA*** [Formicinae: Camponotini]

\**Chimaeromyrma* Dlussky, 1988: 58. Type-species: \**Chimaeromyrma brachycephala*, by original designation.

***CHRONOXENUS*** [Dolichoderinae: Bothriomyrmecini]

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

*Chronoxenus* junior synonym of *Bothriomyrmex*: Shattuck, 1992c: 54.

*Chronoxenus* revived from synonymy and raised to genus: Dubovikov, 2005a: 92.

*CHRYSAPACE* [junior synonym of *Cerapachys*]

*Chrysapace* Crawley, 1924: 380. Type-species: *Chrysapace jacobsoni* (junior secondary homonym in *Cerapachys*, replaced by *Cerapachys crawleyi*), by monotypy.

*Chrysapace* junior synonym of *Cerapachys*: Brown, 1975: 19.

***CHTHONOLASIUS*** [subgenus of *Lasius*]

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

[*Chtonolasius* 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 *Lasius flavus* 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* junior synonym of *Formicina*: Wheeler, W.M. 1916k: 172; Emery, 1916a: 11.

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

*Chthonolasius* subgenus of *Lasius*: Wheeler, W.M. 1922a: 698; Emery, 1925b: 231; Wilson, 1955a: 13.

*CLADAROGENYS* [junior synonym of *Strumigenys*]

*Cladarogenys* Brown, 1976b: 33. Type-species: *Cladarogenys lasia*, by original designation.

*Cladarogenys* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Cladarogenys* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

***CLADOMYRMA*** [Formicinae: Lasiini]

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

*CLARKISTRUMA* [junior synonym of *Colobostruma*]

*Clarkistruma* Brown, 1948e: 124. Type-species: *Epopostruma alinodis*, by original designation.

*Clarkistruma* junior synonym of *Colobostruma*: Brown, 1959c: 1.

*CLAVANODA* [junior synonym of *Pseudomyrmex*]

*Clavanoda* Enzmann, E.V. 1944: 61 [as "branch" of *Pseudomyrma*]. Type-species: *Formica gracilis*, by original designation.

*Clavanoda* junior synonym of *Pseudomyrmex*: Ward, 1990: 469. [*Pseudomyrmex* and *Clavanoda* share the same type-species; synonymy is therefore absolute.]

\****CLAVIPETIOLA*** [*incertae sedis* in Myrmicinae]

\**Clavipetiola* Hong, 2002: 564. Type-species: \**Clavipetiola asiatica*, by original designation.

*CODIOMYRMEX* [junior synonym of *Strumigenys*]

*Codiomyrmex* Wheeler, W.M. 1916d: 326. Type-species: *Codiomyrmex thaxteri*, by monotypy.

*Codiomyrmex* subgenus of *Strumigenys*: Emery, 1924d: 325.

*Codiomyrmex* revived status as genus: Wheeler, W.M. 1916d: 326; Brown, 1948e: 114.

*Codiomyrmex* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Codiomyrmex* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

*CODIOXENUS* [junior synonym of *Strumigenys*]

*Codioxenus* Santschi, 1931c: 278 [as subgenus of *Epitritus*]. Type-species: *Epitritus (Codioxenus) simulans*, by monotypy.

*Codioxenus* raised to genus: Brown, 1948e: 123.

*Codioxenus* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Codioxenus* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

*COLOBOCREMA* [junior synonym of *Crematogaster (Crematogaster)*]

*Colobocrema* Wheeler, W.M. 1927f: 31 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster (Colobocrema) cylindriceps*, by monotypy.

*Colobocrema* junior synonym of *Crematogaster*: Hölldobler & Wilson, 1990: 13.

*Colobocrema* subgenus of *Crematogaster*: Bolton, 1995b: 24.

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

***COLOBOPSIS*** [subgenus of *Camponotus*]

*Colobopsis* Mayr, 1861: 38. Type-species: *Formica truncata*, by subsequent designation of Bingham, 1903: 342.

*Colobopsis* subgenus of *Camponotus*: Emery, 1889b: 517.

*Colobopsis* senior synonym of *Condylomyrma*: Wheeler, W.M. 1934e: 422 (in text).

*Colobopsis* senior synonym of *Dolophra*: Bolton, 2003: 113, 268.

***COLOBOSTRUMA*** [Myrmicinae: Dacetini]

*Colobostruma* Wheeler, W.M. 1927f: 32 [as subgenus of *Epopostruma*]. Type-species: *Epopostruma (Colobostruma) leae*, by monotypy.

*Colobostruma* raised to genus: Brown, 1948e: 118.

*Colobostruma* senior synonym of *Alistruma, Clarkistruma*: Brown, 1959c: 1; Brown & Wilson, 1959b: 281.

*Colobostruma* junior synonym of *Epopostruma*: Baroni Urbani & De Andrade, 2007: 94.

*COMMATETA* [junior synonym of *Gnamptogenys*]

*Commateta* Santschi, 1929h: 476 [as subgenus of *Ectatomma*]. Type-species: *Ectatomma (Parectatomma) bruchi*, by original designation.

*Commateta* junior synonym of *Gnamptogenys*: Brown, 1958g: 212.

***CONCOCTIO*** [Amblyoponinae]

*Concoctio* Brown, 1974d: 29. Type-species: *Concoctio concenta*, by original designation.

***CONDYLODON*** [*incertae sedis* in Formicidae]

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

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

*Condylodon* 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.

*Condylodon* **unidentifiable taxon**, *incertae sedis* in Formicidae: Bolton, 2003: 263.

*CONDYLOMYRMA* [junior synonym of *Colobopsis*]

*Condylomyrma* Santschi, 1928c: 72 [as subgenus of *Camponotus*]. Type-species: *Camponotus (Condylomyrma) bryani*, by monotypy.

*Condylomyrma* junior synonym of *Colobopsis*: Wheeler, W.M. 1934e: 422 (in text).

[*Campylomyrma*: incorrect subsequent spelling, see above.]

\****CONOFORMICA*** [Formicinae: Formicini]

\**Conoformica* Dlussky, 2008a: 48. Type-species: \**Conoformica bitterfeldiana*, by original designation.

*CONOMYRMA* [junior synonym of *Dorymyrmex*]

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

*Conomyrma* raised to genus: Kusnezov, 1952g: 429.

*Conomyrma* senior synonym of *Biconomyrma*: Smith, M.R. 1958c: 140.

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

*Conomyrma* junior synonym of *Dorymyrmex*: Shattuck, 1992c: 77.

*CONOTHORACOIDES* [junior synonym of *Pheidole*]

*Conothoracoides* Strand, 1935: 176. Replacement name for *Conothorax* Karavaiev, 1935a: 75. [Junior homonym of *Conothorax* Jekel, 1854: 9 bis (foldout pages) (Coleoptera).]

*Conothoracoides* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366.

*CONOTHORAX* [junior homonym, see *Conothoracoides*]

*Conothorax* Karavaiev, 1935a: 75. Type-species: *Conothorax bilobum*, by monotypy. [Junior homonym of *Conothorax* Jekel, 1854: 9 bis (foldout pages) (Coleoptera).]

*Conothoracoides* Strand, 1935: 176, replacement name for *Conothorax* Karavaiev.

*COPTOFORMICA* [junior synonym of *Formica*]

*Coptoformica* Müller, 1923: 146 [as subgenus of *Formica*]. Type-species: *Formica exsecta*, by subsequent designation of Donisthorpe, 1941f: 37.

*Coptoformica* senior synonym of *Adformica*: Stitz, 1939: 306 (as *Adformica* and *Coptoformica* share the same type-species synonymy is absolute).

*Coptoformica* junior synonym of *Formica*: Smith, M.R. 1951a: 860; Smith, D.R. 1979: 1448; Agosti, 1994a: 107.

*CORYNOMYRMEX* [junior synonym of *Monomorium*]

*Corynomyrmex* Viehmeyer, 1916a: 133 [as subgenus of *Monomorium*]. Type-species: *Monomorium (Corynomyrmex) hospitum*, by monotypy.

*Corynomyrmex* junior synonym of *Monomorium*: Bolton, 1987: 287.

*COSMAECETES* [junior synonym of *Typhlopone*]

*Cosmaecetes* Spinola, 1851b: 54. Type-species: *Cosmaecetes homalinus* (junior synonym of *Typhlopone fulva*), by monotypy.

[*Cosmaecetes* also described as new by Spinola, 1853: 70.]

*Cosmaecetes* junior synonym of *Typhlopone*: Smith, F. 1858b: 110; Emery, 1910b: 12.

[*Cosmaegetes* Dalla Torre, 1893: 9, incorrect subsequent spelling.]

*CRATEROPSIS* [junior synonym of *Carebara*]

*Crateropsis* Patrizi, 1948: 174 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis (Crateropsis) elmenteitae*, by original designation.

*Crateropsis* junior synonym of *Oligomyrmex*: Ettershank, 1966: 120.

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

*CRATOMYRMEX* [junior synonym of *Messor*]

*Cratomyrmex* Emery, 1892d: 572. Type-species: *Cratomyrmex regalis*, by monotypy.

*Cratomyrmex* subgenus of *Messor*: Santschi, 1920d: 378.

*Cratomyrmex* junior synonym of *Messor*: Emery, 1924d: 357.

*Cratomyrmex* revived from synonymy: Bernard, 1971: 6.

*Cratomyrmex* junior synonym of *Messor*: Bolton, 1982: 338.

*CREIGHTONIDRIS* [junior syonym of *Basiceros*]

*Creightonidris* Brown, 1949f: 89. Type-species: *Creightonidris scambognatha*, by original designation.

*Creightonidris* junior synonym of *Basiceros*: Fernández, 2003d: 314, 392; Feitosa, Brandão & Dietz, 2007: 17.

***CREMATOGASTER*** [Myrmicinae: Crematogastrini]

*Crematogaster* Lund, 1831a: 132. Type-species: *Formica scutellaris*, by subsequent designation of Bingham, 1903: 124.

[Type-species not *Formica acuta*, 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.]

[*Cremastogaster* Mayr, 1861: 74 (and many later authors), incorrect subsequent spelling. Discussion of spelling: Emery, 1912d: 272 (footnote); Wheeler, W.M. 1913a: 78; Donisthorpe, 1941f: 36 and Buren, 1959: 125.]

*Crematogaster* senior synonym of *Acrocoelia*: Roger, 1863b: 36; Mayr, 1863: 404; Dalla Torre, 1893: 79 (see also Buren, 1959: 125; Kempf, 1972a: 81).

*C. (Crematogaster)* senior synonym of *Atopogyne, Colobocrema, Decacrema, Oxygyne, Nematocrema, Paracrema, Physocrema, Sphaerocrema, Xiphocrema*: Blaimer, 2012c: 52.

Subgenera of *Crematogaster*: nominal plus *Orthocrema*.

\****CRETACOFORMICA*** [*incertae sedis* in Apocrita]

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

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

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

\****CRETOMYRMA*** [\*Sphecomyrminae: \*Sphecomyrmini]

\**Cretomyrma* Dlussky, 1975: 115. Type-species: \**Cretomyrma arnoldii*, by original designation.

\****CRETOPONE*** [*incertae sedis* in Formicidae]

\**Cretopone* Dlussky, 1975: 119. Type-species: \**Cretopone magna*, by original designation.

\**Cretopone incertae sedis* in \*Sphecomyrminae: Wilson, 1987: 49.

\**Cretopone* in \*Armaniidae: Dlussky & Fedoseeva, 1988: 77.

\**Cretopone* possible junior synonym of \**Sphecomyrma*: Hölldobler & Wilson, 1990: 9.

\**Cretopone incertae sedis* in Aculeata: Grimaldi, Agosti & Carpenter, 1997: 7.

\**Cretopone incertae sedis* in Formicidae (poneromorph subfamily group): Bolton, 2003: 180.

*CROESOMYRMEX* [junior synonym of *Temnothorax*]

*Croesomyrmex* Mann, 1920: 408 [as subgenus of *Macromischa*]. Type-species: *Macromischa (Croesomyrmex) wheeleri*, by original designation.

*Croesomyrmex* raised to genus: Wheeler, W.M. 1931b: 4 (in text).

*Croesomyrmex* junior synonym of *Macromischa*: Smith, M.R. 1937: 849; Smith, M.R. 1939e: 502.

*Croesomyrmex* junior synonym of *Temnothorax*: Bolton, 2003: 253, 271.

*CRYPTOCEPHALUS* [**unavailable name**]

*Cryptocephalus* Lowne, 1865b: 336, incorrect subsequent spelling of *Cryptocerus* in the combination *Cryptocephalus pubescens*; current combination *Meranoplus pubescens*: Bolton, 1981a: 47.

*CRYPTOCERUS* [junior synonym of *Cephalotes*]

*Cryptocerus* Latreille, 1803: 311. Type-species: *Formica atrata*, by subsequent designation of Latreille, 1810: 437.

[Type-species not *Cryptocerus umbraculatus*, unjustified subsequent designation by Emery, 1914c: 38; repeated in Emery, 1924d: 305.]

*Cryptocerus* junior synonym of *Cephalotes*: Wheeler, W.M. 1913a: 78; Smith, M.R. 1949c: 19; see also discussion in Kempf, 1951: 105. [*Cephalotes* and *Cryptocerus* share the same type-species, synonymy is therefore absolute.]

***CRYPTOMYRMEX*** [Myrmicinae: Adelomyrmecini]

*Cryptomyrmex* Fernández, 2004b: 328. Type-species: *Adelomyrmex longinodus*, by original designation.

***CRYPTOPONE*** [Ponerinae: Ponerini]

*Cryptopone* Emery, 1893a: cclxxv. Type-species: *Cryptopone testacea*, by monotypy.

[*Cryptopone* also described as new by Emery, 1893f: 240. Type-species not *Amblyopone testacea*, 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* junior synonym of *Pachycondyla*: Mackay & Mackay, 2010: 3.

\****CTENOBETHYLUS*** [Dolichoderinae: Tapinomini]

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

\**Ctenobethylus* junior synonym of *Iridomyrmex*: Brown, 1977: 213.

\**Ctenobethylus* junior synonym of *Liometopum*: Shattuck, 1992c: 121.

\**Ctenobethylus* revived status as genus: Dlussky, 1997: 58.

*CTENOPYGA* [junior synonym of *Acanthostichus*]

*Ctenopyga* Ashmead, 1906: 29. Type-species: *Ctenopyga townsendi* (junior synonym of *Acanthostichus texanus*), by original designation.

[*Ctenopyga* Ashmead, 1905b: 382. *Nomen nudum*.]

*Ctenopyga* subgenus of *Acanthostichus*: Emery, 1911d: 13.

*Ctenopyga* revived status as genus: Brown, 1975: 42; Bolton, 1990a: 67; Bolton, 1990c: 1357.

*Ctenopyga* junior synonym of *Acanthostichus*: Snelling, R.R. 1981: 389; Bolton, 1994: 19; Mackay, 1996: 132.

\****CURTICORNA*** [*incertae sedis* in Formicidae (definitely not Dorylinae as stated in Hong, 2002)]

\**Curticorna* Hong, 2002: 537. Type-species: \**Curticorna leptogastrosa*, by original designation.

\****CURTIPALPULUS*** [*incertae sedis* in Formicidae (probably Dolichoderinae)]

\**Curtipalpulus* Hong, 2002: 612. Type-species: \**Curtipalpulus eocenicus*, by original designation.

*CYATHOCEPHALUS* [junior homonym, see *Cyathomyrmex*]

*Cyathocephalus* Emery, 1915i: 192 [as subgenus of *Cryptocerus*]. Type-species: *Cryptocerus pallens*, by original designation. [Junior homonym of *Cyathocephalus* Kessler, 1868: 135 (Cestoda).]

*Cyathomyrmex* Creighton, 1933: 100, replacement name for *Cyathocephalus* Emery.

*CYATHOMYRMEX* [junior synonym of *Cephalotes*]

*Cyathomyrmex* Creighton, 1933: 100 [as subgenus of *Cryptocerus*]. Replacement name for *Cyathocephalus* Emery, above. [Junior homonym of *Cyathocephalus* Kessler, 1868: 135 (Cestoda).]

*Cyathomyrmex* subgenus of *Paracryptocerus*: Smith, M.R. 1949c: 21.

*Cyathomyrmex* junior synonym of *Paracryptocerus*: Kempf, 1972a: 175.

*Cyathomyrmex* junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

***CYLINDROMYRMEX*** [Cerapachyinae: Cylindromyrmecini]

*Cylindromyrmex* Mayr, 1870b: 967. Type-species: *Cylindromyrmex striatus*, by monotypy.

*Cylindromyrmex* subgenus of *Cerapachys*: Forel, 1892l: 243.

*Cylindromyrmex* revived status as genus: Dalla Torre, 1893: 16.

*Cylindromyrmex* senior synonym of *Holcoponera* Cameron (junior homonym): Forel, 1892f: 256.

*Cylindromyrmex* senior synonym of *Hypocylindromyrmex*, *Metacylindromyrmex*: Brown, 1975: 36.

***CYPHOIDRIS*** [Myrmicinae: Stenammini]

*Cyphoidris* Weber, 1952a: 26. Type-species: *Cyphoidris spinosa*, by original designation.

*CYPHOMANNIA* [junior synonym of *Cyphomyrmex*]

*Cyphomannia* Weber, 1938b: 183 [as subgenus of *Cyphomyrmex*]. Type-species: *Cyphomyrmex (Cyphomannia) laevigatus*, by original designation.

*Cyphomannia* subgenus of *Cyphomyrmex*: Weber, 1938b: 183; Weber, 1966: 166.

*Cyphomannia* junior synonym of *Cyphomyrmex*: Kempf, 1962b: 29; Kempf, 1972a: 92.

***CYPHOMYRMEX*** [Myrmicinae: Attini]

*Cyphomyrmex* Mayr, 1862: 690. Type-species: *Cyphomyrmex minutus*, by monotypy.

[Type-species not *Cryptocerus rimosus*, unjustified subsequent designation by Wheeler, W.M. 1911f: 161. Type-species not *Meranoplus difformis*, unjustified subsequent designation by Emery, 1924d: 340.]

*Cyphomyrmex* junior synonym of *Cataulacus*: Roger, 1863b: 39.

*Cyphomyrmex* revived from synonymy: Mayr, 1863: 406.

*Cyphomyrmex* subgenus of *Atta*: Forel, 1912e: 188.

*Cyphomyrmex* revived status as genus: Emery, 1913b: 251.

*Cyphomyrmex* senior synonym of *Cyphomannia*: Kempf, 1962b: 29; Kempf, 1972a: 92.

***CYRTOMYRMA*** [subgenus of *Polyrhachis*]

*Cyrtomyrma* Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Formica rastellata*, by original designation.

\****CYRTOPONE*** [Ponerinae]

\**Cyrtopone* Dlussky & Wedmann, 2012: 742. Type-species: \**Cyrtopone microcephala*, by original designation.

*CYRTOSTIGMACROS* [junior synonym of *Stigmacros*]

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

*Cyrtostigmacros* junior synonym of *Stigmacros*: Taylor & Brown, D.R. 1985: 145.

*CYSIAS* [junior synonym of *Cerapachys*]

*Cysias* Emery, 1902c: 24 [as subgenus of *Cerapachys*]. Type-species: *Ooceraea papuana*, by original designation.

*Cysias* raised to genus: Ashmead, 1905b: 382.

*Cysias* subgenus of *Cerapachys*: Wheeler, W.M. 1910g: 137.

*Cysias* junior synonym of *Syscia*: Emery, 1911d: 10.

*Cysias* junior synonym of *Cerapachys*: Kempf, 1972a: 76; see also Brown, 1975: 19.

***DACATRIA*** [Myrmicinae: Stenammini]

*Dacatria* Rigato, 1994b: 155. Type-species: *Dacatria templaris*, by original designation.

***DACETINOPS*** [Myrmicinae: Stenammini]

*Dacetinops* Brown & Wilson, 1957a: 1. Type-species: *Dacetinops cibdelus*, by original designation.

***DACETON*** [Myrmicinae: Dacetini]

*Daceton* Perty, 1833: 136. Type-species: *Formica armigera*, by monotypy.

*Daceton* senior synonym of *Dacetum*: Brown, 1973b: 179.

*DACETUM* [junior synonym of *Daceton*]

*Dacetum* Agassiz, 1846: 115, unjustified emendation of *Daceton*.

*Dacetum* junior synonym of *Daceton*: Brown, 1973b: 179.

*DACRYON* [junior synonym of *Podomyrma*]

*Dacryon* Forel, 1895f: 421. Type-species: *Dacryon omniparens*, by monotypy.

*Dacryon* junior synonym of *Podomyrma*: Taylor & Brown, D.R. 1985: 80.

*DECACREMA* [junior synonym of *Crematogaster (Crematogaster)*]

*Decacrema* Forel, 1910a: 18 [as subgenus of *Crematogaster*]. Type-species: *Crematogaster schencki,* by subsequent designation of Wheeler, W.M. 1911f: 161.

[*Decacrema* also described as new by Forel, 1910f: 9.]

*Decacrema* raised to genus: Soulié, 1964: 398.

*Decacrema* junior synonym of *Crematogaster*: Hölldobler & Wilson, 1990: 13.

*Decacema* subgenus of *Crematogaster*: Bolton, 1995b: 26.

[*Decracrema* Arnold, 1920a: 547, incorrect subsequent spelling.]

*Decacrema* junior synonym of *C. (Crematogaster)*: Blaimer, 2012c: 52.

*DECAMERA* [junior homonym, see *Hincksidris*]

*Decamera* Roger, 1863a: 166. Type-species: *Decamera nigella*, by monotypy. [Junior homonym of *Decamera* Mulsant, 1842: 503 (Coleoptera).]

*Decamera* junior synonym of *Myrmelachista*: Forel, 1878: 376; Mayr, 1887: 525; Dalla Torre, 1893: 174.

*Decamera* subgenus of *Myrmelachista*: Forel, 1886f: 214; Forel, 1917: 249; Wheeler, W.M. 1922a: 696; Emery, 1925b: 32.

*Hincksidris* Donisthorpe, 1944b: 59, replacement name for *Decamera* Roger.

***DECAMORIUM*** [Myrmicinae: Tetramoriini]

*Decamorium* Forel, 1913a: 121 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Decamorium) decem,* by monotypy.

*Decamorium* raised to genus: Emery, 1914a: 42; Wheeler, W.M. 1922a: 664, 906.

*DECAPHEIDOLE* [junior synonym of *Pheidole*]

*Decapheidole* Forel, 1912f: 237 [as subgenus of *Pheidole*]. Type-species: *Pheidole perpusilla*, by subsequent designation of Wheeler, W.M. 1913a: 80.

*Decapheidole* raised to genus: Wheeler, W.M. 1922a: 661; Borgmeier, 1927c: 78.

*Decapheidole* subgenus of *Pheidole*: Emery, 1922e: 112; Kempf, 1972a: 183.

*Decapheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 2003: 6.

***DENDROLASIUS*** [subgenus of *Lasius*]

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

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

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

*Dendrolasius* subgenus of *Acanthomyops*: Donisthorpe, 1927b: 211.

*Dendrolasius* subgenus of *Lasius*: Wheeler, W.M. 1922a: 698; Emery, 1925b: 235; Wilson, 1955a: 14.

***DENDROMYRMEX*** [subgenus of *Camponotus*]

*Dendromyrmex* Emery, 1895j: 772. Type-species: *Formica chartifex*, by subsequent designation of Wheeler, W.M. 1911f: 161.

*Dendromyrmex* subgenus of *Camponotus*: Fernández, 2002: 51.

*DEROMYRMA* [junior synonym of *Aphaenogaster*]

*Deromyrma* Forel, 1913b: 350 [as subgenus of *Aphaenogaster*]. Type-species: *Aphaenogaster (Ischnomyrmex) swammerdami*, by original designation.

[*Deromyrma* also described as new by Forel, 1913k: 49.]

*Deromyrma* junior synonym of *Aphaenogaster*: Bolton, 1982: 364.

*DESCOLEMYRMA* [junior synonym of *Mycocepurus*]

*Descolemyrma* Kusnezov, 1951d: 460. Type-species: *Descolemyrma ogloblini* (junior synonym of *Atta (Mycocepurus) goeldii)*, by monotypy.

*Descolemyrma* junior synonym of *Mycocepurus*: Kempf, 1963b: 418.

*DIABOLUS* [junior homonym, see *Karawajewella*]

*Diabolus* Karavaiev, 1926d: 424 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus (Diabolus) bifurcatus* (junior synonym of *Polyrhachis cuspidatus*), by original designation. [Junior homonym of *Diabolus* Gray, J.E. 1841: 400 (Mammalia).]

*Karawajewella* Donisthorpe, 1944b: 59, replacement name for *Diabolus* Karavaiev.

***DIACAMMA*** [Ponerinae: Ponerini]

*Diacamma* Mayr, 1862: 718. Type-species: *Ponera rugosa*, by subsequent designation of Bingham, 1903: 75.

*DIAGYNE* [junior synonym of *Solenopsis*]

*Diagyne* Santschi, 1923c: 268 [as subgenus of *Solenopsis*]. Type-species: *Solenopsis succinea,* by monotypy.

*Diagyne* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

***DIAPHOROMYRMA*** [*incertae sedis* in Myrmicinae]

*Diaphoromyrma* Fernández, Delabie & do Nascimento, 2009: 56. Type-species: *Diaphoromyrma sofiae*, by original designation.

*DICERATOCLINEA* [junior synonym of *Dolichoderus*]

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

*Diceratoclinea* raised to genus: Brown, 1950e: 249.

*Diceratoclinea* junior synonym of *Dolichoderus*: Taylor & Brown, D.R. 1985: 93; Shattuck, 1992c: 66.

*DICHOTHORAX* [junior synonym of *Temnothorax*]

*Dichothorax* Emery, 1895c: 323 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax (Dichothorax) pergandei*, by subsequent designation of Wheeler, W.M. 1911f: 161.

*Dichothorax* raised to genus: Ashmead, 1905b: 383.

*Dichothorax* subgenus of *Leptothorax*: Wheeler, W.M. 1910g: 139.

*Dichothorax* junior synonym of *Leptothorax*: Bolton, 1982: 319.

*Dichothorax* junior synonym of *Temnothorax*: Bolton, 2003: 253, 271.

***DICHTHADIA*** [subgenus of *Dorylus*]

*Dichthadia* Gerstäcker, 1863: 93. Type-species: *Dichthadia glaberrima* (junior synonym of *Typhlopone laevigata*), by monotypy.

[Type-species not *Dichthadia furcata*, unjustified subsequent designation by Ashmead, 1906: 26.]

*Dichthadia* junior synonym of *Dorylus*: Dalla Torre, 1893: 9; Bingham, 1903: 1.

*Dichthadia* revived status as genus: Ashmead, 1905b: 381; Ashmead, 1906: 26.

*Dichthadia* subgenus of *Dorylus*: Emery, 1895j: 702; Emery, 1910b: 8.

***DICROASPIS*** [Myrmicinae: Stenammini]

*Dicroaspis* Emery, 1908b: 184. Type-species: *Dicroaspis cryptocera*, by monotypy.

*Dicroaspis* subgenus of *Calyptomyrmex*: Emery, 1915g: 15; Forel, 1917: 244; Wheeler, W.M. 1922a: 664, 887; Emery, 1924d: 225.

*Dicroaspis* as genus: Arnold, 1917: 362; Wheeler, W.M. 1935a: 7 (in key).

*Dicroaspis* senior synonym of *Geognomicus*: Bolton, 1981a: 56.

***DILOBOCONDYLA*** [Myrmicinae: Formicoxenini]

*Dilobocondyla* Santschi, 1910h: 283. Type-species: *Atopomyrmex selebensis*, by subsequent designation of Wheeler, W.M. 1911f: 162.

*Dilobocondyla* senior synonym of *Mesomyrma*: Emery, 1912b: 102.

*DIMORPHOMYRMEX* [junior synonym of *Gesomyrmex*]

*Dimorphomyrmex* André, 1892b: 49. Type-species: *Dimorphomyrmex janeti* (junior synonym of *Gesomyrmex chaperi*), by monotypy.

*Dimorphomyrmex* junior synonym of *Gesomyrmex*: Wheeler, W.M. 1929a: 1.

***DINOMYRMEX*** [subgenus of *Camponotus*]

*Dinomyrmex* Ashmead, 1905b: 384. Type-species: *Formica gigas*, by original designation.

*Dinomyrmex* senior synonym of *Myrmogigas*: 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.]

***DINOPONERA*** [Ponerinae: Ponerini]

*Dinoponera* Roger, 1861a: 37. Type-species: *Ponera grandis* (junior synonym of *Ponera gigantea*), by monotypy.

*DIODONTOLEPIS* [junior synonym of *Notoncus*]

*Diodontolepis* Wheeler, W.M. 1920: 53. Type-species: *Melophorus spinisquamis*, by original designation.

*Diodontolepis* junior synonym of *Melophorus*: Emery, 1925b: 11.

*Diodontolepis* revived status as genus: Wheeler, W.M. 1935c: 71.

*Diodontolepis* junior synonym of *Notoncus*: Brown, 1955d: 477.

***DIPLOMORIUM*** [Myrmicinae: Solenopsidini]

*Diplomorium* Mayr, 1901b: 16. Type-species: *Diplomorium longipenne*, by monotypy.

*DIPLORHOPTRUM* [junior synonym of *Solenopsis*]

*Diplorhoptrum* Mayr, 1855: 449. Type-species: *Formica fugax*, by monotypy.

*Diplorhoptrum* as genus: Baroni Urbani, 1968: 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.

*Diplorhoptrum* subgenus of *Solenopsis*: Creighton, 1930b: 43; Creighton, 1950a: 233; Smith, M.R. 1951a: 813; Kusnezov, 1956: 27; Kusnezov, 1957a: 273; Kusnezov, 1962b: 160; Smith, M.R. 1967: 358.

*Diplorhoptrum* junior synonym of *Solenopsis*: Mayr, 1862: 751; Roger, 1863b: 32; Mayr, 1863: 453; Emery & Forel, 1879: 464; Dalla Torre, 1893: 75; Forel, 1915d: 9; Emery, 1922e: 195; Wheeler, W.M. 1922a: 877; Ettershank, 1966: 134; Kempf, 1972a: 232; Bolton, 1987: 285; Bolton, 1994: 106; Bolton, 1995b: 27; Bolton, 2003: 218.

***DISCOTHYREA*** [Proceratiinae: Proceratiini]

*Discothyrea* Roger, 1863a: 176. Type-species: *Discothyrea testacea*, by monotypy.

*Discothyrea* senior synonym of *Prodiscothyrea*, *Pseudosysphincta*: Brown, 1958g: 248.

*DISOLENOPSIS* [**unavailable name**]

*Disolenopsis* Snelling, R.R. 1981: 397, incorrect subsequent spelling of *Bisolenopsis*: Bolton, 1995b: 22.

\****DLUSSKYIDRIS*** [\*Sphecomyrminae: \*Sphecomyrmini]

\**Dlusskyidris* Bolton, 1994: 187. Replacement name for \**Palaeomyrmex* Dlussky, 1975: 118. [Junior homonym of \**Palaeomyrmex* Heer, 1865: 91 (Homoptera).]

*DODECAMYRMICA* [junior synonym of *Myrmica*]

*Dodecamyrmica* Arnol'di, 1968: 1803 [as subgenus of *Myrmica*]. Type-species: *Myrmica arnoldii*, by original designation.

*Dodecamyrmica* junior synonym of *Myrmica*: Francoeur, 1981: 759.

*DODOUS* [junior synonym of *Pristomyrmex*]

*Dodous* Donisthorpe, 1946f: 145. Type-species: *Dodous trispinosus*, by original designation.

*Dodous* junior synonym of *Pristomyrmex*: Brown, 1971a: 3.

***DOLEROMYRMA*** [Dolichoderinae: Leptomyrmecini]

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

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

*Doleromyrma* junior synonym of *Iridomyrmex*: Emery, 1913a: 22; Wheeler, W.M. 1922a: 689.

*Doleromyrma* revived from synonymy and raised to genus: Shattuck, 1992a: 14; Shattuck, 1992c: 60.

***DOLICHODERUS*** [Dolichoderinae: Dolichoderini]

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

*Dolichoderus* senior synonym of *Hypoclinea*, *Monacis*: Forel, 1878: 386; Dalla Torre, 1893: 156; Shattuck, 1992c: 66.

*Dolichoderus* senior synonym of *Acanthoclinea*, *Diceratoclinea*: Taylor & Brown, D.R. 1985: 93; Shattuck, 1992c: 66.

*Dolichoderus* senior synonym of *Diabolus* (junior homonym), *Karawajewella*, *Monoceratoclinea*: Shattuck, 1992c: 66.

*\*DOLICHOFORMICA* [*Nomen nudum*]

*\*Dolichoformica* Grimaldi & Engel, 2005: 446 (in table). Type-species (by implication as sole named species): *\*Dolichoformica helferi. Nomen nudum*.

\****DOLICHOMYRMA*** [\*Armaniidae]

\**Dolichomyrma* Dlussky, 1975: 121. Type-species: \**Dolichomyrma longiceps*, by original designation.

\**Dolichomyrma* junior synonym of \**Sphecomyrma*: Wilson, 1987: 49; Hölldobler & Wilson, 1990: 9.

\**Dolichomyrma* as genus: Dlussky & Fedoseeva, 1988: 77; Carpenter, 1992: 491; Grimaldi, Agosti & Carpenter, 1997: 7.

*DOLICHORHACHIS* [junior synonym of *Hedomyrma*]

*Dolichorhachis* Mann, 1919: 386 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Dolichorhachis) malaensis*, by monotypy.

*Dolichorhachis* junior synonym of *Hedomyrma*: Dorow, 1995: 26.

***DOLIOPONERA*** [Ponerinae: Ponerini]

*Dolioponera* Brown, 1974e: 31. Type-species: *Dolioponera fustigera*, by original designation.

*DOLOPHRA* [junior synonym of *Colobopsis*]

*Dolophra* Wu, J. & Wang, 1994: 35. Type-species: *Dolophra politae*, by original designation.

*Dolophra* junior synonym of *Camponotus*: Bolton, 1995b: 27.

*Dolophra* junior synonym of *Camponotus (Colobopsis*): Bolton, 2003: 113, 268.

***DOLOPOMYRMEX*** [Myrmicinae: Solenopsidini]

*Dolopomyrmex* Cover & Deyrup, 2007: 90. Type-species: *Dolopomyrmex pilatus*, by original designation.

[*Dolopomyrmex* Fisher & Cover, 2007: 83. Unavailable name.]

*DONISTHORPEA* [junior synonym of *Lasius*]

*Donisthorpea* Morice & Durrant, 1915: 423. Type-species: *Formica nigra*, by original designation. [Unnecessary replacement name for *Lasius* Fabricius.]

*Donisthorpea* as genus: Donisthorpe, 1915d: 184.

*Donisthorpea* subgenus of *Formicina*: Emery, 1916a: 11; Emery, 1916b: 239.

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

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

*Donisthorpea* junior synonym of *Lasius*: Wheeler, W.M. 1916k: 172; Wilson, 1955a: 11.

[*Lasius* and *Donisthorpea* share the same type-species, synonymy is therefore absolute.]

*DORISIDRIS* [junior synonym of *Strumigenys*]

*Dorisidris* Brown, 1948e: 116. Type-species: *Strumigenys (Codiomyrmex) nitens*, by original designation.

*Dorisidris* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

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

*DORONOMYRMEX* [junior synonym of *Leptothorax*]

*Doronomyrmex* Kutter, 1945: 485. Type-species: *Doronomyrmex pacis*, by monotypy.

*Doronomyrmex* junior synonym of *Leptothorax*: Heinze, 1998: 195.

*DOROTHEA* [junior synonym of *Vollenhovia*]

*Dorothea* Donisthorpe, 1948c: 65. Type-species: *Dorothea novobritainae*, by monotypy.

*Dorothea* junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

*DORYLOZELUS* [junior synonym of *Leptogenys*]

*Dorylozelus* Forel, 1915b: 24. Type-species: *Dorylozelus mjobergi* (junior secondary homonym in *Leptogenys*, replaced by *Leptogenys tricosa*), by monotypy.

*Dorylozelus* junior synonym of *Leptogenys*: Taylor, 1969: 132.

***DORYLUS*** [Dorylinae]

*Dorylus* Fabricius, 1793: 365. Type-species: *Vespa helvola*, by monotypy.

Currently recognised subgenera of *Dorylus* (alphabetical order with synonyms indicated): nominal plus *Alaopone* (=*Shuckardia*)*, Anomma* (= *Sphegomyrmex*)*, Dichthadia, Rhogmus, Typhlopone* (= *Cosmaecetes*).

***DORYMYRMEX*** [Dolichoderinae: Leptomyrmecini]

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

*Dorymyrmex* senior synonym of *Psammomyrma*: Forel, 1913b: 350 (in text); Santschi, 1922b: 365; Snelling, R.R. & Hunt, 1976: 93; Shattuck, 1992c: 77.

*Dorymyrmex* senior synonym of *Spinomyrma*: Snelling, R.R. & Hunt, 1976: 93; Shattuck, 1992c: 77.

*Dorymyrmex* senior synonym of *Conomyrma* (and its junior synonyms *Biconomyrma* and *Araucomyrmex* {and its junior synonym *Ammomyrma*}): Shattuck, 1992c: 77.

*DREPANOGNATHUS* [junior synonym of *Harpegnathos*]

*Drepanognathus* Smith, F. 1858b: 81. Type-species: *Harpegnathos saltator*, by subsequent designation of Bingham, 1903: 49. [Unnecessary replacement name for *Harpegnathos*.]

*Drepanognathus* incorrectly as senior synonym of *Harpegnathos*: Dalla Torre, 1893: 22; Bingham, 1903: 49.

*Drepanognathus* junior synonym of *Harpegnathos*: Roger, 1861a: 32; Roger, 1863b: 22; Forel, 1900c: 63; Emery, 1911d: 58.

\****DRYMOMYRMEX*** [incertae sedis in Formicidae]

\**Drymomyrmex* Wheeler, W.M. 1915h: 135. Type-species: \**Drymomyrmex fuscipennis*, by original designation.

[This name is sometimes misspelled as \**Dryomyrmex*, for example in Donisthorpe, 1920: 93 and Wheeler, W.M. 1929a: 12.]

\**Drymomyrmex* junior synonym of *Camponotus*: Dlussky, 1997: 59.

\**Drymomyrmex* revived from synonymy: Dlussky & Rasnitsyn, 2009: 1036.

*DYCLONA* [junior synonym of *Cardiocondyla*]

*Dyclona* Santschi, 1930b: 70 (footnote) [as subgenus of *Cardiocondyla*]. Type-species: *Monomorium cristatum*, by original designation.

*Dyclona* junior synonym of *Cardiocondyla*: Bolton, 1982: 309.

*DYOMORIUM* [junior synonym of *Vollenhovia*]

*Dyomorium* Donisthorpe, 1947d: 191. Type-species: *Dyomorium ireneum*, by original designation.

*Dyomorium* junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

*DYSEDROGNATHUS* [junior synonym of *Strumigenys*]

*Dysedrognathus* Taylor, 1968c: 132. Type-species: *Dysedrognathus extemenus*, by original designation.

*Dysedrognathus* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Dysedrognathus* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 13; Baroni Urbani & De Andrade, 2007: 103.

***ECHINOPLA*** [Formicinae: Camponotini]

*Echinopla* Smith, F. 1857a: 79. Type-species: *Echinopla melanarctos*, by subsequent designation of Wheeler, W.M. 1911f: 162.

*Echinopla* senior synonym of *Mesoxena*: Bolton, 1994: 50.

***ECITON*** [Ecitoninae: Ecitonini]

*Eciton* Latreille, 1804: 179. Type-species: *Formica hamata*, by subsequent designation of Shuckard, in Swainson & Shuckard, 1840: 173.

*Eciton* senior synonym of *Camptognatha*, and material of *Ancylognathus* (*nomen nudum*) referred here: Smith, F. 1855c: 160.

*Eciton* senior synonym of *Mayromyrmex*: Emery, 1906a: 718.

*Eciton* senior synonym of *Holopone*: Borgmeier, 1936: 55.

***ECPHORELLA*** [Dolichoderinae: Tapinomini]

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

*Ecphorella* raised to genus: Shattuck, 1992c: 85.

***ECTATOMMA*** [Ectatomminae: Ectatommini]

*Ectatomma* Smith, F. 1858b: 102. Type-species: *Formica tuberculata*, by subsequent designation of Bingham, 1903: 82.

*ECTOMOMYRMEX* [junior synonym of *Pachycondyla*]

*Ectomomyrmex* Mayr, 1867a: 83. Type-species: *Ectomomyrmex javanus*, by subsequent designation of Bingham, 1903: 85.

[*Ectomomyrmex* is sometimes misspelled *Ectomyrmex*, for example Donisthorpe, 1943f: 641.]

*Ectomomyrmex* subgenus of *Pachycondyla*: Emery, 1901a: 42; Emery, 1911d: 78; Forel, 1917: 237.

*Ectomomyrmex* as genus: Bingham, 1903: 85; Wheeler, W.M. 1922a: 648; Brown, 1963: 9; Taylor, 1987a: 26.

*Ectomomyrmex* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

\****ELAEOMYRMEX*** [*incertae sedis* in Dolichoderinae]

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

\****ELAPHRODITES*** [*incertae sedis* in Dolichoderinae]

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

*ELASMOPHEIDOLE* [junior synonym of *Pheidole*]

*Elasmopheidole* Forel, 1913k: 43 [as subgenus of *Pheidole*]. Type-species: *Pheidole aberrans*, by subsequent designation of Emery, 1915i: 190.

*Elasmopheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366.

\****ELDERMYRMEX*** [*incertae sedis* in Dolichoderinae]

\**Eldermyrmex* Shattuck, in Heterick & Shattuck, 2011: 170. Type-species: \**Iridomyrmex oblongiceps*, by original designation.

\****ELECTROMYRMEX*** [*incertae sedis* in Myrmicinae]

\**Electromyrmex* Wheeler, W.M. 1910g: 164 (by indication). Type-species: \**Electromyrmex klebsi*, by monotypy.

[\**Electromyrmex* Wheeler, W.M. 1908g: 413. *Nomen nudum*. \**Electromyrmex* also described as new by Wheeler, W.M. 1915h: 55.]

*ELECTROPHEIDOLE* [junior synonym of *Pheidole*]

*Electropheidole* Mann, 1921: 438 [as subgenus of *Pheidole*]. Type-species: *Pheidole (Electropheidole) roosevelti*, by subsequent designation of Donisthorpe, 1943f: 642.

*Electropheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366.

\****ELECTROPONERA*** [*incertae sedis* in Ectatomminae: Ectatommini]

\**Electroponera* Wheeler, W.M. 1915h: 34. Type-species: \**Electroponera dubia*, by monotypy.

*EMERYELLA* [junior synonym of *Gnamptogenys*]

*Emeryella* Forel, 1901e: 334. Type-species: *Emeryella schmitti*, by monotypy.

*Emeryella* junior synonym of *Gnamptogenys*: Brown, 1958g: 211.

*EMERYIA* [junior synonym of *Cardiocondyla*]

*Emeryia* Forel, 1890b: cx. Type-species: *Emeryia wroughtonii*, by monotypy.

*Emeryia* junior synonym of *Cardiocondyla*: Forel, 1892h: 461; Forel, 1892i: 313.

***EMERYOPONE*** [Ponerinae: Ponerini]

*Emeryopone* Forel, 1912m: 761. Type-species: *Emeryopone buttelreepeni*, by monotypy.

[*Emeryopone* also described as new by Forel, 1913k: 14.]

*Emeryopone* junior synonym of *Belonopelta*: Baroni Urbani 1975b: 296; Hölldobler & Wilson, 1990: 10.

*Emeryopone* revived status as genus: Brown, in Bolton, 1994: 164; Bolton, 1995b: 187.

\****EMPLASTUS*** [*incertae sedis* in Dolichoderinae]

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

*ENDIODIOCTES* [junior synonym of *Myrmecocystus*]

*Endiodioctes* Snelling, R.R. 1976: 25 [as subgenus of *Myrmecocystus*]. Type-species: *Myrmecocystus melliger,* by original designation.

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

*ENERIA* [junior synonym of *Strumigenys*]

*Eneria* Donisthorpe, 1948d: 598. Type-species: *Eneria excisa* (junior synonym of *Strumigenys loriae*), by original designation.

*Eneria* junior synonym of *Strumigenys*: Brown, 1949d: 15.

*ENGRAMMA* [junior synonym of *Technomyrmex*]

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

*Engramma* junior synonym of *Technomyrmex*: Shattuck, 1992c: 153; Bolton, 2007a: 4.

*ENICTUS* [**unavailable name**]

*Enictus* Walker, 1860: 306; Smith, F. 1865: 79; incorrect subsequent spellings of *Aenictus*: Bolton, 1995b: 19.

\****ENNEAMERUS*** [*incertae sedis* in Myrmicinae: Myrmecinini]

\**Enneamerus* Mayr, 1868c: 98. Type-species: \**Enneamerus reticulatus*, by monotypy.

\****EOAENICTITES*** [*incertae sedis* in Formicidae (definitely not Aenictinae as stated in Hong, 2002)]

\**Eoaenictites* Hong, 2002: 541. Type-species: \**Eoaenictites castanifurvus*, by original designation.

\****EOCENIDRIS*** [*incertae sedis* in Myrmicinae]

\**Eocenidris* Wilson, 1985d: 209. Type-species: \**Eocenidris crassa*, by original designation.

\****EOCENOMYRMA*** [Myrmicinae: Formicoxenini]

\**Eocenomyrma* Dlussky & Radchenko, 2006b: 562. Type-species: \**Eocenomyrma orthospina*, by original designation.

\****EOFORMICA*** [*incertae sedis* in Formicidae]

\**Eoformica* Cockerell, 1921: 38. Type-species: \**Eoformica eocenica* (junior synonym of \**Eoformica pingue*), by monotypy.

\**Eoformica* transferred from Ponerinae to Myrmicinae: Carpenter, 1930: 17.

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

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

\****EOGORGITES*** [*incertae sedis* in Ponerinae (possibly Cerapachyinae)]

\**Eogorgites* Hong, 2002: 525. Type-species: \**Eogorgites cingulatus*, by original designation.

\****EOLEPTOCERITES*** [*incertae sedis* in Formicidae (probably Dolichoderinae)]

\**Eoleptocerites* Hong, 2002: 570. Type-species: \**Eoleptocerites chinensis*, by original designation.

*EOMONOCOMBUS* [junior synonym of *Cataglyphis*]

*Eomonocombus* Arnol'di, 1968: 1815 [as subgenus of *Cataglyphis*]. Type-species: *Myrmecocystus cinnamomeus*, by original designation.

*Eomonocombus* junior synonym of *Cataglyphis*: Agosti, 1990b: 1462; Agosti, 1994a: 103.

\****EOMYRMEX*** [*incertae sedis* in Myrmicinae]

\**Eomyrmex* Hong, 1974: 138. Type-species: \**Eomyrmex guchengziensis* (spelling emended from \**guchengzienis*: Bolton, 1995b: 28), by monotypy.

\**EOPONERA* [junior synonym of \**Formicium*]

\**Eoponera* Carpenter, 1929: 301. Type-species: \**Eoponera berryi*, by original designation.

\**Eoponera* junior synonym of \**Formicium*: Lutz, 1986: 189.

\****EOPONERITES*** [*incertae sedis* in Ponerinae]

\**Eoponerites* Hong, 2002: 533. Type-species: \**Eoponerites longipetiolatus*, by original designation.

\****EOTAPINOMA*** [*incertae sedis* in Dolichoderinae]

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

*EPELYSIDRIS* [junior synonym of *Monomorium*]

*Epelysidris* Bolton, 1987: 279. Type-species: *Epelysidris brocha*, by original designation.

*Epelysidris* junior synonym of *Monomorium*: Fernández, in Heterick, 2006: 79; Fernández, 2007b: 130.

*EPHEBOMYRMEX* [junior synonym of *Pogonomyrmex*]

*Ephebomyrmex* Wheeler, W.M. 1902c: 390 [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex naegelii*, by subsequent designation of Wheeler, W.M. 1911f: 163.

*Ephebomyrmex* subgenus of *Pogonomyrmex*: Wheeler, W.M. 1910g: 140; Emery, 1921f: 48; Wheeler, W.M. 1922a: 660; Gallardo, 1932b: 94; Kusnezov, 1949c: 293; Creighton, 1950a: 132; Kusnezov, 1951a: 245; Smith, M.R. 1951a: 794; Kusnezov, 1956: 118; Smith, M.R. 1958c: 115; Kusnezov, 1964: 56; Smith, M.R. 1967: 351; Cole, 1968: 22; Smith, D.R. 1979: 1357; 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; Hölldobler & Wilson, 1990: 13; Taber, 1998: 146.

*Ephebomyrmex* junior synonym of *Pogonomyrmex*: Lattke, 1991a: 305; Bolton, 1994: 106; Bolton, 1995b: 28; Fernández & Palacio, 1998: 1649; Bolton, 2003: 223.

*EPIATTA* [junior synonym of *Atta*]

*Epiatta* Borgmeier, 1950d: 246 [as subgenus of *Atta*]. Type-species: *Oecodoma laevigata*, by original designation.

*Epiatta* junior synonym of *Atta*: Weber, 1958a: 8.

*Epiatta* junior synonym of *Neoatta*: Borgmeier, 1959b: 358.

*Epiatta* junior synonym of *Atta*: Bolton, 1994: 105.

*EPIMYRMA* [junior synonym of *Myrmoxenus*]

*Epimyrma* Emery, 1915a: 262. Type-species: *Epimyrma kraussei*, by original designation.

*Epimyrma* senior synonym of *Myrmoxenus* (and its junior synonym *Myrmetaerus*): Buschinger, 1990: 245 (provisional synoynym); Bolton, 1994: 105 [incorrect seniority].

*Epimyrma* junior synonym of *Myrmoxenus*: Schulz & Sanetra, 2002: 162.

*EPIPHEIDOLE* [junior synonym of *Pheidole*]

*Epipheidole* Wheeler, W.M. 1903f: 664. Type-species: *Epipheidole inquilina*, by monotypy.

[*Epipheidole* also described as new by Wheeler, W.M. 1904a: 14.]

*Epipheidole* junior synonym of *Pheidole*: Cole, 1965: 174.

*EPITRITUS* [junior synonym of *Strumigenys*]

*Epitritus* Emery, 1869a: 136. Type-species: *Epitritus argiolus*, by monotypy.

*Epitritus* junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 90.

*Epitritus* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 12; Baroni Urbani & De Andrade, 2007: 101.

*EPIXENUS* [junior synonym of *Monomorium*]

*Epixenus* Emery, 1908f: 556. Type-species: *Epixenus andrei* (junior secondary homonym in *Monomorium*, replaced by *Monomorium advena*), by subsequent designation of Wheeler, W.M. 1911f: 163.

*Epixenus* junior synonym of *Monomorium*: Brown & Wilson, 1957b: 244; Ettershank, 1966: 82; Bolton, 1987: 292; Tinaut & Ortiz, 1988: 167.

*EPOECUS* [junior synonym of *Monomorium*]

*Epoecus* Emery, 1893a: cclxxvi. Type-species: *Epoecus pergandei*, by monotypy.

*Epoecus* junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1987: 298.

***EPOPOSTRUMA*** [Myrmicinae: Dacetini]

*Epopostruma* Forel, 1895f: 422 [as subgenus of *Strumigenys*]. Type-species: *Strumigenys (Epopostruma) quadrispinosa,* by subsequent designation of Wheeler, W.M. 1911f: 163.

*Epopostruma* raised to genus: Emery, 1897c: 573.

*Epopostruma* senior synonym of *Hexadaceton*: Taylor & Brown, D.R. 1985: 63; Bolton, 1999: 1681; Shattuck, 2000: 53.

*Epopostruma* senior synonym of *Colobostruma, Mesostruma*: Baroni Urbani & De Andrade, 2007: 94.

*EQUESSIMESSOR* [**unavailable name**]

*Equessimessor* Santschi, 1936a: 32, incorrect subsequent spelling of *Equestrimessor*.

*EQUESTRIMESSOR* [junior synonym of *Monomorium*]

*Equestrimessor* Santschi, 1919d: 92 [as subgenus of *Monomorium*]. Type-species: *Holcomyrmex chobauti*, by subsequent designation of Donisthorpe, 1943f: 644.

*Equestrimessor* junior synonym of *Monomorium*: Ettershank, 1966: 82; see also discussion in Bolton, 1987: 297.

[*Equessimessor* incorrect subsequent spelling: see above.]

*EREBOMYRMA* [junior synonym of *Carebara*]

*Erebomyrma* Wheeler, W.M. 1903a: 138. Type-species: *Erebomyrma longii*, by monotypy.

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

*Erebomyrma* junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

*Erebomyrma* revived from synonymy: Wilson, 1986b: 61.

*Erebomyrma* returned to synonymy of *Oligomyrmex*: Bolton, 1994: 106; Bolton, 1995b: 298.

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

*EREMNOCYSTUS* [junior synonym of *Myrmecocystus*]

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

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

*ERICAPELTA* [junior synonym of *Stigmatomma*]

*Ericapelta* Kusnezov, 1955: 273. Type-species: *Ericapelta egregia*, by monotypy.

*Ericapelta* junior synonym of *Amblyopone*: Brown, 1960a: 156.

*Ericapelta* junior synonym of *Stigmatomma*: Yoshimura & Fisher, 2012a: 17.

*ERIMELOPHORUS* [junior synonym of *Melophorus*]

*Erimelophorus* Wheeler, W.M. 1935c: 71 [as subgenus of *Melophorus*]. Type-species: *Melophorus wheeleri,* by original designation.

*Erimelophorus* junior synonym of *Melophorus*: Brown, 1955d: 474.

*ERIOPHEIDOLE* [junior synonym of *Pheidole*]

*Eriopheidole* Kusnezov, 1952a: 10. Type-species: *Eriopheidole symbiotica* (junior secondary homonym in *Pheidole,* replaced by *Pheidole kusnezovi*), by monotypy.

*Eriopheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Bolton, 1994: 106.

*ESCHERICHIA* [junior synonym of *Probolomyrmex*]

*Escherichia* Forel, 1910c: 245. Type-species: *Escherichia brevirostris*, by monotypy.

*Escherichia* junior synonym of *Probolomyrmex*: Taylor, 1965d: 346.

*EUBOTHROPONERA* [junior synonym of *Platythyrea*]

*Eubothroponera* Clark, 1930c: 8. Type-species: *Eubothroponera dentinodis*, by original designation.

*Eubothroponera* junior synonym of *Platythyrea*: Brown, 1975: 6.

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

*Eucrema* Santschi, 1918d: 182 [as subgenus of *Crematogaster*]. Type-species: *Formica acuta*, by original designation.

[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* as type-species of *Crematogaster*; see above under that genus.]

*Eucrema* junior synonym of *C. (Orthocrema)*: Blaimer, 2012c: 52.

*EUCRYPTOCERUS* [junior synonym of *Cephalotes*]

*Eucryptocerus* Kempf, 1951: 127. Type-species: *Cryptocerus oculatus*, by original designation.

*Eucryptocerus* junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

\****EULITHOMYRMEX*** [Agroecomyrmecinae]

\**Eulithomyrmex* Carpenter, 1935: 91. Replacement name for \**Lithomyrmex* Carpenter, 1930: 34. [Junior homonym of *Lithomyrmex* Clark, 1928a: 30.]

*EUMECOPONE* [junior synonym of *Pachycondyla*]

*Eumecopone* Forel, 1901e: 335 [as subgenus of *Neoponera*]. Type-species: *Neoponera (Eumecopone) agilis,* by monotypy.

*Eumecopone* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

*EUOPHTHALMA* [junior synonym of *Solenopsis*]

*Euophthalma* Creighton, 1930b: 43 [as subgenus of *Solenopsis*]. Type-species: *Myrmica globularia*, by original designation.

*Euophthalma* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

*EUPONERA* [junior synonym of *Pachycondyla*]

*Euponera* Forel, 1891b: 126 [as subgenus of *Ponera*]. Type-species: *Ponera (Euponera) sikorae*, by monotypy.

*Euponera* raised to genus: Emery, 1901a: 46.

*Euponera* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

***EUPRENOLEPIS*** [Formicinae: Plagiolepidini]

*Euprenolepis* Emery, 1906b: 134 [as subgenus of *Prenolepis*]. Type-species: *Prenolepis procera*, by original designation.

*Euprenolepis* subgenus of *Paratrechina*: Emery, 1925b: 223.

*Euprenolepis* raised to genus and senior synonym of *Chapmanella*: Brown, 1953h: 6.

***EURHOPALOTHRIX*** [Myrmicinae: Basicerotini]

*Eurhopalothrix* Brown & Kempf, 1961: 44. Type-species: *Rhopalothrix bolaui*, by original designation.

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

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

\****EURYMYRMEX*** [*incertae sedis* in Dolichoderinae]

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

\****EURYTARSITES*** [*incertae sedis* in Formicinae]

\**Eurytarsites* Hong, 2002: 590. Type-species: \**Eurytarsites fushunensis*, by original designation.

*EUSPHINCTUS* [junior synonym of *Sphinctomyrmex*]

*Eusphinctus* Emery, 1893a: cclxxv. Type-species: *Eusphinctus furcatus*, by monotypy.

*Eusphinctus* subgenus of *Sphinctomyrmex*: Emery, 1895k: 456.

*Eusphinctus* revived status as genus: Wheeler, W.M. 1918a: 219.

*Eusphinctus* junior synonym of *Sphinctomyrmex*: Brown, 1975: 31.

***EUTETRAMORIUM*** [Myrmicinae: Myrmicini]

*Eutetramorium* Emery, 1899f: 280. Type-species: *Eutetramorium mocquerysi*, by subsequent designation of Wheeler, W.M. 1911f: 163.

*EVELYNA* [junior synonym of *Myrmothrinax*]

*Evelyna* Donisthorpe, 1937c: 273 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Evelyna) cheesmanae*, by original designation.

*Evelyna* junior synonym of *Myrmothrinax*: Hung, 1967b: 402.

*EXAMBLYOPONE* [junior synonym of *Prionopelta*]

*Examblyopone* Donisthorpe, 1949g: 401. Type-species: *Examblyopone churchilli* (junior synonym of *Prionopelta majuscula*), by original designation.

*Examblyopone* junior synonym of *Prionopelta*: Brown, 1951: 102.

\**EXOCRYPTOCERUS* [junior synonym of *Cephalotes*]

\**Exocryptocerus* Vierbergen & Scheven, 1995: 159. Type-species: \**Exocryptocerus serratus*, by original designation.

\**Exocryptocerus* junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

\****FALLOMYRMA*** [Myrmicinae]

\**Fallomyrma* Dlussky & Radchenko, 2006a: 154. Type-species: \**Fallomyrma transversa*, by original designation.

***FEROPONERA*** [Ponerinae: Ponerini]

*Feroponera* Bolton & Fisher, 2008c: 26. Type-species: *Feroponera ferox*, by original designation.

*FLORENCEA* [junior synonym of *Myrmhopla*]

*Florencea* Donisthorpe, 1937a: 624 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Florencea) kirkae* (junior synonym of *Polyrhachis nigriceps*), by original designation.

*Florencea* junior synonym of *Myrmhopla*: Hung, 1967b: 402.

*FORELIFIDIS* [junior synonym of *Oxyepoecus*]

*Forelifidis* Smith, M.R. 1954a: 17. Replacement name for *Martia* Forel, 1907a: 20. [Junior homonym of *Martia* Ragonot, 1887: 18 (Lepidoptera).]

*Forelifidis* junior synonym of *Oxyepoecus*: Brown, 1955b: 68.

\****FONSECAHYMEN*** [*incertae sedis* in Formicidae]

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

***FORELIUS*** [Dolichoderinae: Leptomyrmecini]

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

*Forelius* senior synonym of *Neoforelius*: Shattuck, 1992c: 87; Cuezzo, 2000: 204.

*FORELOMYRMEX* [junior synonym of *Pogonomyrmex*]

*Forelomyrmex* Wheeler, W.M. 1913a: 80 [as subgenus of *Pogonomyrmex*]. Replacement name for *Janetia* Forel, 1899c: 61 (footnote). [Junior homonym of *Janetia* Kieffer, 1896: 236 (Diptera).]

*Forelomyrmex* raised to genus: Taber, 1990: 307.

*Forelomyrmex* junior synonym of *Pogonomyrmex*: Lattke, 1991a: 305; Bolton, 1994: 106.

***FORELOPHILUS*** [Formicinae: Camponotini]

*Forelophilus* Kutter, 1931: 193. Type-species: *Forelophilus overbecki*, by monotypy.

***FORMICA*** [Formicinae: Formicini]

*Formica* Linnaeus, 1758: 579. Type-species: *Formica rufa*, by subsequent designation of Curtis, 1839: 752.

*Formica* senior synonym of *Formicina*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 164.

*Formica* senior synonym of *Raptiformica*, *Serviformica*: Wheeler, W.M. 1922a: 699 (footnote).

*Formica* senior synonym of *Coptoformica* (and its junior synonym *Adformica*): Smith, M.R. 1951a: 860; Smith, D.R. 1979: 1448.

*Formica* senior synonym of *Neoformica*: Buren, 1968a: 39.

*Formica* senior synonym of *Coptoformica, Formicina, Neoformica, Raptiformica, Serviformica*: Agosti, 1994a: 106.

*FORMICINA* [junior synonym of *Formica*]

*Formicina* Shuckard, in Swainson & Shuckard, 1840: 172. Type-species: *Formica rufa*, by subsequent designation of Wheeler, W.M. 1911f: 164.

[Type-species not *Formica flava*, unjustified subsequent designation by Emery, 1916a: 61 (footnote); repeated by Emery, 1916b: 239 and Wheeler, W.M. 1916k: 170.]

*Formicina* junior synonym of *Formica*: Wheeler, W.M. 1911c: 860; Wheeler, W.M. 1911f: 164.

*Formicina* incorrectly as replacement name for *Lasius* Fabricius: Emery, 1916a: 60; Emery, 1916b: 239; Bondroit, 1918: 19.

*Formicina* incorrectly as subgenus of *Lasius*: Wheeler, W.M. 1916k: 172.

*Formicina* incorrectly as junior synonym of *Lasius*: Emery, 1925b: 226; Brown, 1973b: 180.

*Formicina* incorrectly as junior synonym of *Acanthomyops*: Donisthorpe, 1927b: 209.

*Formicina* junior synonym of *Formica*: Agosti, 1994a: 106.

[*Formica* and *Formicina* share the same type-species, synonymy is therefore absolute.]

\**FORMICITES* [collective group name]

\**Formicites* Dlussky, 1981: 75. [Collective group name.]

\**Formicites* material absorbed into \**Eoformica*: Dlussky & Rasnitsyn, 2002: 424.

\****FORMICIUM*** [\*Formiciinae: collective group name]

\**Formicium* Westwood, 1854: 393.

\**Formicium* junior synonym of \**Pseudosirex* (family \*Pseudosiricidae): Handlirsch, 1906: 577.

\**Formicium* revived from synonymy as genus of Formicidae: Cockerell, 1920: 279

[\**Formicium* incorrectly as senior synonym of \**Pseudosirex*: Hölldobler & Wilson, 1990: 17; incorrectly retained in \*Pseudosiricidae: Abe & Smith, 1991: 34.]

\**Formicium* senior synonym of \**Eoponera*: Lutz, 1986: 182.

\**Formicium* senior synonym of \**Megapterites*: Lutz, 1990: 61.

\**Formicium* collective group name in \*Formiciinae: Archibald, *et al*. 2011: 3681.

***FORMICOXENUS*** [Myrmicinae: Formicoxenini]

*Formicoxenus* Mayr, 1855: 413. Type-species: *Myrmica nitidula*, by monotypy.

*Formicoxenus* junior synonym of *Stenamma*: Mayr, 1863: 422; Roger, 1863b: 25.

*Formicoxenus* revived status as genus: André, 1882c: 273.

*Formicoxenus* senior synonym of *Symmyrmica*: Francoeur, Loiselle & Buschinger, 1985: 347.

***FORMILA*** [Embolemidae]

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

*Formila* **excluded from Formicidae**, transferred to Embolemidae: Muesebeck & Walkley, 1951: 1043.

***FORMOSIMYRMA*** [Myrmicinae: Solenopsidini]

*Formosimyrma* Terayama, 2009: 158. Type-species: *Formosimyrma lanuyensis*, by original designation.

***FROGGATTELLA*** [Dolichoderinae: Leptomyrmecini]

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

*FULAKORA* [junior synonym of *Stigmatomma*]

*Fulakora* Mann, 1919: 279 [as subgenus of *Stigmatomma*]. Type-species: *Stigmatomma (Fulakora) celata,* by original designation.

*Fulakora* junior synonym of *Amblyopone*: Brown, 1960a: 155.

*Fulakora* junior synonym of *Stigmatomma*: Brown, 1949c: 88; Yoshimura & Fisher, 2012a: 17.

\****FURCISUTURA*** [*incertae sedis* in Ponerinae]

\**Furcisutura* Hong, 2002: 530. Type-species: \**Furcisutura wanghuacunensis*, by original designation.

***FURCOTANILLA*** [Leptanillinae: Anomalomyrmini]

*Furcotanilla* Xu, 2012c: 481. Type-species: *Protanilla furcomandibula*, by original designation.

\****FUSHUNIFORMICA*** [*incertae sedis* in Formicinae]

\**Fushuniformica* Hong, 2002: 617. Type-species: \**Fushuniformica spinata*, by original designation.

\****FUSHUNOMYRMEX*** [*incertae sedis* in Myrmicinae]

\**Fushunomyrmex* Hong, 2002: 550. Type-species: \**Fushunomyrmex liaoningensis*, by original designation.

*GAESOMYRMEX* [junior synonym of *Gesomyrmex*]

*Gaesomyrmex* Dalla Torre, 1893: 175, unjustified emendation of *Gesomyrmex*.

*Gaesomyrmex* junior synonym of *Gesomyrmex*: Forel, 1893a: 167.

*GALLARDOMYRMA* [junior synonym of *Pheidole*]

*Gallardomyrma* Bruch, 1932: 271. Type-species: *Gallardomyrma argentina*, by original designation.

*Gallardomyrma* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 1984: 327.

[*Gallardomyrma* listed as genus: Dlussky & Fedoseeva, 1988: 80 (anachronism)].

*Gallardomyrma* junior synonym of *Pheidole*: Bolton, 1994: 106; Wilson, 2003: 6.

***GAOLIGONGIDRIS*** [Myrmicinae: Stenammini]

*Gaoligongidris* Xu, 2012b: 335. Type-species: *Gaoligongidris planidorsa*, by original designation.

***GAUROMYRMEX*** [Myrmicinae: Formicoxenini]

*Gauromyrmex* Menozzi, 1933c: 146. Type-species: *Gauromyrmex bengakalisi*, by monotypy.

*Gauromyrmex* senior synonym of *Acalama*, *Solenomyrma*: Brown, 1953c: 10.

*Gauromyrmex* junior synonym of *Vollenhovia*: Hölldobler & Wilson, 1990: 16; Bolton, 1994: 105.

*Gauromyrmex* revived from synonymy: Bolton, 2003: 246, 269.

*GEOGNOMICUS* [junior synonym of *Dicroaspis*]

*Geognomicus* Menozzi, 1924b: 220. Type-species: *Geognomicus wheeleri* (junior synonym of *Dicroaspis cryptocera*), by original designation.

[*Geognomicus* as genus: Wheeler, G.C. & Wheeler, J. 1985: 257 (anachronism); Dlussky & Fedoseeva, 1988: 81 (anachronism).]

*Geognomicus* junior synonym of *Dicroaspis*: Bolton, 1981a: 56; Bolton, 1994: 106.

\****GERONTOFORMICA*** [*incertae sedis* in Formicidae]

\**Gerontoformica* Nel & Perrault, in Nel, Perrault, Perrichot & Néraudeau, 2004: 24. Type-species: \**Gerontoformica cretacica*, by original designation.

***GESOMYRMEX*** [Formicinae: Gesomyrmecini]

*Gesomyrmex* Mayr, 1868c: 50. Type-species: \**Gesomyrmex hoernesi*, by monotypy.

*Gesomyrmex* senior synonym of *Gaesomyrmex*: Forel, 1893a: 167.

*Gesomyrmex* senior synonym of *Dimorphomyrmex*: Wheeler, W.M. 1929a: 1.

***GIGANTIOPS*** [Formicinae: Gigantiopini]

*Gigantiops* Roger, 1863b: 11. Type-species: *Formica destructor*, by monotypy.

*GLAMYROMYRMEX* [junior synonym of *Strumigenys*]

*Glamyromyrmex* Wheeler, W.M. 1915e: 487. Type-species: *Glamyromyrmex beebei*, by monotypy.

*Glamyromyrmex* senior synonym of *Borgmeierita*: Brown, 1973a: 35.

*Glamyromyrmex* junior synonym of *Pyramica*: Bolton, 1999: 1667; Bolton, 2000: 91.

*Glamyromyrmex* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 101.

\****GLAPHYROMYRMEX*** [Formicinae: Lasiini]

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

*GLYPHOPONE* [junior synonym of *Centromyrmex*]

*Glyphopone* Forel, 1913b: 308. Type-species: *Glyphopone bequaerti*, by monotypy.

*Glyphopone* junior synonym of *Centromyrmex*: Brown, 1963: 9.

*GLYPTOMYRMEX* [junior synonym of *Myrmicocrypta*]

*Glyptomyrmex* Forel, 1885a: 365. Type-species: *Glyptomyrmex dilaceratum*, by monotypy.

*Glyptomyrmex* junior synonym of *Myrmicocrypta*: Emery, 1894c: 224.

***GNAMPTOGENYS*** [Ectatomminae: Ectatommini]

*Gnamptogenys* Roger, 1863a: 174. Type-species: *Ponera tornata*, by subsequent designation of Emery, 1911d: 44.

[Type-species not *Ectatomma concinna*, unjustified subsequent designation by Wheeler, W.M. 1911f: 164; see Wheeler, W.M. 1913a: 79.]

*Gnamptogenys* subgenus of *Ectatomma*: Mayr, 1887: 540; Dalla Torre, 1893: 23; Emery, 1911d: 44; Wheeler, W.M. 1922a: 644; Kusnezov, 1956: 14.

*Gnamptogenys* revived status as genus and senior synonym of *Alfaria* (and its junior synonym *Opisthoscyphus*), *Barbourella, Commateta, Emeryella, Holcoponera, Parectatomma, Poneracantha, Rhopalopone* (and its junior synonym *Mictoponera*), *Spaniopone, Stictoponera, Tammoteca, Wheeleripone*: Brown, 1958g: 211.

***GONEPIMYRMA*** [subgenus of *Myrmoxenus*]

*Gonepimyrma* Bernard, 1948: 146 [as subgenus of *Epimyrma*]. Type-species: *Epimyrma (Gonepimyrma) africana*, by monotypy.

*Gonepimyrma* subgenus of *Myrmoxenus*: Bolton, 2003: 249.

***GONIOMMA*** [Myrmicinae: Pheidolini]

*Goniomma* Emery, 1895c: 298 [as subgenus of *Stenamma*]. Type-species: *Aphaenogaster blanci*, by subsequent designation of Wheeler, W.M. 1911f: 164.

*Goniomma* subgenus of *Oxyopomyrmex*: Wheeler, W.M. 1910g: 140.

*Goniomma* raised to genus: Emery, 1908e: 460; Forel, 1917: 241.

*GONIOMYRMEX* [**unavailable name**]

*Goniomyrmex* Ashmead, 1905b: 383, incorrect subsequent spelling of *Goniothorax* Emery, below.

*GONIOTHORAX* [junior homonym, see *Nesomyrmex*]

*Goniothorax* Emery, 1896g: 58 (diagnosis in key) [as subgenus of *Leptothorax*]. Type-species: *Leptothorax vicinus*, by subsequent designation of Wheeler, W.M. 1911f: 164. [Junior homonym of *Goniothorax* Milne-Edwards, 1879: 103 (Crustacea).]

*Goniothorax* Emery senior synonym of *Caulomyrma*, *Nesomyrmex*: Emery, 1924d: 249. *Nesomyrmex* is oldest junior synonym of *Goniothorax* Emery and hence first available replacement name: Smith, M.R. 1950: 30.

[*Goniothorax* as subgenus of *Leptothorax*: Wheeler, W.M. 1910g: 139; Forel, 1917: 244; Wheeler, W.M. 1922a: 679; Emery, 1924d: 249; Creighton, 1950a: 259.]

***GRACILIDRIS*** [Dolichoderinae: Leptomyrmecini]

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

*GRANISOLENOPSIS* [junior synonym of *Solenopsis*]

*Granisolenopsis* Kusnezov, 1956: 26 [as subgenus of *Solenopsis*] (diagnosis in key). Type-species: *Solenopsis (Granisolenopsis) granivora*, by original designation.

[*Granisolenopsis* also described as new by Kusnezov, 1957a: 277.]

*Granisolenopsis* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

*GYMNOMYRMEX* [junior synonym of *Strumigenys*]

*Gymnomyrmex* Borgmeier, 1954b: 279. Type-species: *Gymnomyrmex splendens*, by original designation.

*Gymnomyrmex* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Gymnomyrmex* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 14; Baroni Urbani & De Andrade, 2007: 103.

*HAGENSIA* [junior synonym of *Pachycondyla*]

*Hagensia* Forel, 1901f: 333 [as subgenus of *Megaloponera* (sic)]. Type-species: *Megaloponera (sic) (Hagensia) havilandi*, by monotypy.

*Hagensia* subgenus of *Megaponera*: Wheeler, W.M. 1910g: 135; Emery, 1911d: 61.

*Hagensia* subgenus of *Euponera*: Forel, 1917: 237.

*Hagensia* raised to genus: Arnold, 1926: 202.

*Hagensia* junior synonym of *Pachycondyla*: Brown, in Bolton, 1994: 164.

***HAGIOMYRMA*** [subgenus of *Polyrhachis*]

*Hagiomyrma* Wheeler, W.M. 1911c: 860 [as subgenus of *Polyrhachis*]. Type-species: *Formica ammon*, by original designation.

*HAGIOSTIGMACROS* [junior synonym of *Stigmacros*]

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

*Hagiostigmacros* junior synonym of *Stigmacros*: Taylor & Brown, D.R. 1985: 145.

*HAGIOXENUS* [junior synonym of *Rhoptromyrmex*]

*Hagioxenus* Forel, 1910a: 8. Type-species: *Hagioxenus schmitzi*, by monotypy.

*Hagioxenus* junior synonym of *Rhoptromyrmex*: Bolton, 1986a: 2.

\****HAIDOMYRMEX*** [\*Sphecomyrminae: \*Haidomyrmecini]

\**Haidomyrmex* Dlussky, 1996: 84. Type-species: \**Haidomyrmex cerberus*, by original desgination.

\****HAIDOMYRMODES*** [\*Sphecomyrminae: \*Haidomyrmecini]

\**Haidomyrmodes* Perrichot, Nel, *et al*. 2008: 92 Type-species: \**Haidomyrmodes mammuthus*, by original designation.

*HALMAMYRMECIA* [junior synonym of *Myrmecia*]

*Halmamyrmecia* Wheeler, W.M. 1922b: 195 [as subgenus of *Myrmecia*]. Type-species: *Myrmecia pilosula*, by original designation.

*Halmamyrmecia* junior synonym of *Promyrmecia*: Clark, 1927: 37; Clark, 1951: 119.

*Halmamyrmecia* junior synonym of *Myrmecia*: Brown, 1953j: 1.

*HARNEDIA* [junior synonym of *Cephalotes*]

*Harnedia* Smith, M.R. 1949c: 20 [as subgenus of *Paracryptocerus*]. Type-species: *Cryptocerus umbraculatus*, by original designation.

*Harnedia* junior synonym of *Paracryptocerus*: Kempf, 1972a: 175.

*Harnedia* junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

***HARPAGOXENUS*** [Myrmicinae: Formicoxenini]

*Harpagoxenus* Forel, 1893a: 167. Replacement name for *Tomognathus* Mayr, 1861: 56. [Junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]

***HARPEGNATHOS*** [Ponerinae: Ponerini]

*Harpegnathos* Jerdon, 1851: 116. Type-species: *Harpegnathos saltator*, by monotypy.

*Harpegnathos* subgenus of *Drepanognathus*: Smith, F. 1871a: 320.

[*Harpegnathos* incorrectly as junior synonym of *Drepanognathus*: Dalla Torre, 1893: 22; Bingham, 1903: 49.]

*Harpegnathos* senior synonym of *Drepanognathus*: Roger, 1861a: 32; Roger, 1863b: 22; Forel, 1893a: 166; Forel, 1900c: 63.

***HEDOMYRMA*** [subgenus of *Polyrhachis*]

*Hedomyrma* Forel, 1915b: 107 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis ornata*, by original designation.

*Hedomyrma* senior synonym of *Morleyidris*: Hung, 1967b: 402.

*Hedomyrma* senior synonym of *Dolichorhachis*: Dorow, 1995: 26.

***HEMIOPTICA*** [subgenus of *Polyrhachis*]

*Hemioptica* Roger, 1862a: 238. Type-species: *Hemioptica scissa*, by monotypy.

*Hemioptica* subgenus of *Polyrhachis*: Mayr, 1872: 138.

*Hemioptica* junior synonym of *Polyrhachis*: Forel, 1878: 368.

*Hemioptica* revived status as genus: Dalla Torre, 1893: 271; Emery, 1925b: 209.

*Hemioptica* subgenus of *Polyrhachis*: Dorow & Kohout, 1995: 95; Bolton, 1995b: 31; Dorow, 1995: 29.

*HENDECAPHEIDOLE* [junior synonym of *Pheidole*]

*Hendecapheidole* Wheeler, W.M. 1922d: 3 [as subgenus of *Pheidole*]. Type-species: *Pheidole tachigaliae*, by original designation.

*Hendecapheidole* senior synonym of *Cephalomorium*: Santschi, 1925d: 228.

*Hendecapheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1366; Wilson, 2003: 6.

*HENDECATELLA* [junior synonym of *Carebara*]

*Hendecatella* Wheeler, W.M. 1927h: 93 [as subgenus of *Oligomyrmex*]. Type-species: *Oligomyrmex (Hendecatella) capreolus*, by monotypy.

*Hendecatella* junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

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

*HEPTACONDYLUS* [junior synonym of *Myrmicaria*]

*Heptacondylus* Smith, F. 1857a: 71. Type-species: *Heptacondylus subcarinatus*, by subsequent designation of Wheeler, W.M. 1911f: 164.

*Heptacondylus* senior synonym of *Physatta*: Mayr, 1862: 755 (in text); Roger, 1863b: 27.

*Heptacondylus* junior synonym of *Myrmicaria*: Smith, F. 1865: 73.

*HEPTASTRUMA* [junior synonym of *Rhopalothrix*]

*Heptastruma* Weber, 1934a: 54. Type-species: *Heptastruma wheeleri* (junior secondary homonym in *Rhopalothrix*, replaced by *Rhopalothrix weberi*), by original designation.

*Heptastruma* junior synonym of *Rhopalothrix*: Brown & Kempf, 1960: 230.

*HERCYNIA* [junior synonym of *Wasmannia*]

*Hercynia* Enzmann, J. 1947a: 43. Type-species: *Hercynia panamana* (junior synonym of *Tetramorium auropunctatum*), by monotypy.

*Hercynia* junior synonym of *Wasmannia*: Brown, 1948d: 102.

*HETEROMYRMEX* [junior synonym of *Vollenhovia*]

*Heteromyrmex* Wheeler, W.M. 1920: 53. Type-species: *Vollenhovia rufiventris*, by original designation.

*Heteromyrmex* junior synonym of *Vollenhovia*: Ettershank, 1966: 146.

\**HETEROMYRMEX* [junior homonym, see \**Zhangidris*]

\**Heteromyrmex* Zhang, J. 1989: 271. Type-species: \**Heteromyrmex atopogaster*, by original designation. [Junior homonym of *Heteromyrmex* Wheeler, W.M. 1920, above.]

\**Heteromyrmex* transferred from Myrmicinae to Formicinae: Hong, Wu & Ren, 2001: 347.

\**Zhangidris* Bolton, 2003: 259, replacement name for \**Heteromyrmex* Zhang.

***HETEROPONERA*** [Heteroponerinae]

*Heteroponera* Mayr, 1887: 532. Type-species: *Heteroponera carinifrons*, by monotypy.

*Heteroponera* junior synonym of *Acanthoponera*: Emery, 1911d: 35; Wheeler, W.M. 1922a: 643; Wheeler, 1923e: 179.

*Heteroponera* subgenus of *Acanthoponera*: Forel, 1917: 236.

*Heteroponera* revived status as genus: Brown, 1952h: 70.

*Heteroponera* senior synonym of *Anacanthoponera*: Brown, 1952h: 70; Brown, 1958g: 194.

*Heteroponera* senior synonym of *Paranomopone*: Brown, in Borgmeier, 1957: 112; Brown, 1958g: 194.

*HEXADACETON* [junior synonym of *Epopostruma*]

*Hexadaceton* Brown, 1948e: 120. Type-species: *Hexadaceton frosti*, by original designation.

*Hexadaceton* junior synonym of *Epopostruma*: Taylor & Brown, D.R. 1985: 63; Bolton, 1999: 1681; Shattuck, 2000: 53.

*HINCKSIDRIS* [junior synonym of *Myrmelachista*]

*Hincksidris* Donisthorpe, 1944b: 59 [as subgenus of *Myrmelachista*]. Replacement name for *Decamera* Roger, 1863a: 166. [Junior homonym of *Decamera* Mulsant, 1842: 503 (Coleoptera).]

*Hincksidris* junior synonym of *Myrmelachista*: Snelling, R.R. & Hunt, 1976: 110.

*HIPHOPELTA* [**unavailable name**]

*Hiphopelta* Forel, 1913a: 108, incorrect subsequent spelling of *Xiphopelta*.

***HIRTOMYRMA*** [subgenus of *Polyrhachis*]

*Hirtomyrma* Kohout, 2010: 199 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis hirta*, by original designation.

*HOLCOMYRMEX* [junior synonym of *Monomorium*]

*Holcomyrmex* Mayr, 1879: 671. Type-species: *Holcomyrmex scabriceps*, by subsequent designation of Bingham, 1903: 280.

[*Holcomyrmex* Smith, F. 1873: ix. *Nomen nudum*, attributed to Mayr.]

*Holcomyrmex* junior synonym of *Monomorium*: Emery, 1908h: 667.

*Holcomyrmex* revived from synonymy as subgenus of *Monomorium*: Emery, 1915i: 190.

*Holcomyrmex* junior synonym of *Monomorium*: Ettershank, 1966: 82; see also discussion in Bolton, 1987: 295.

*HOLCOPONERA* [junior synonym of *Gnamptogenys*]

*Holcoponera* Mayr, 1887: 540 [as subgenus of *Ectatomma*]. Type-species: *Gnamptogenys striatula*, by subsequent designation of Emery, 1911d: 40.

*Holcoponera* raised to genus: Emery, 1902b: 181.

*Holcoponera* junior synonym of *Gnamptogenys*: Brown, 1958g: 211.

*HOLCOPONERA* [junior homonym, junior synonym of *Cylindromyrmex*]

*Holcoponera* Cameron, 1891: 92. Type-species: *Holcoponera whymperi*, by monotypy. [Unresolved junior homonym of *Holcoponera* Mayr, 1887, above.]

*Holcoponera* Cameron junior synonym of *Cylindromyrmex*: Forel, 1892f: 256.

*HOLOPONE* [junior synonym of *Eciton*]

*Holopone* Santschi, 1925b: 11 [as subgenus of *Eciton*]. Type-species: *Eciton rapax*, by original designation.

*Holopone* junior synonym of *Eciton*: Borgmeier, 1936: 55.

*HOPLOMYRMUS* [junior synonym of *Myrma*]

*Hoplomyrmus* Gerstäcker, 1859: 262. Type-species: *Hoplomyrmus schistaceus*, by monotypy.

[*Hoplomyrmus* also described as new by Gerstäcker, 1862: 508.]

*Hoplomyrmus* junior synonym of *Polyrhachis*: Roger, 1861b: 174; Roger, 1863b: 6; Mayr, 1863: 446; Dalla Torre, 1893: 257.

*Hoplomyrmus* junior synonym of *Myrma*: Wheeler, W.M. 1922a: 993; Emery, 1925b: 198; Bolton, 1973b: 288.

\****HUAXIAFORMICA*** [*incertae sedis* in Formicidae (probably Dolichoderinae)]

\**Huaxiaformica* Hong, 2002: 580. Type-species: \**Huaxiaformica mallepetiolata*, by original designation.

***HUBERIA*** [Myrmicinae: Myrmicini]

*Huberia* Forel, 1890b: cv. Type-species: *Tetramorium striatum*, by monotypy.

*HYLIDRIS* [junior synonym of *Pristomyrmex*]

*Hylidris* Weber, 1941a: 190. Type-species: *Hylidris myersi* (junior synonym of *Pristomyrmex africanus*), by original designation.

*Hylidris* junior synonym of *Pristomyrmex*: Brown, 1953c: 9.

***HYLOMYRMA*** [Myrmicinae: Myrmicini]

*Hylomyrma* Forel, 1912g: 16 [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex (Hylomyrma) columbicus*, by original designation.

*Hylomyrma* raised to genus: Wheeler, W.M. 1922a: 660 (in key).

*Hylomyrma* senior synonym of *Lundella*: Brown, 1953h: 3.

***HYPERCOLOBOPSIS*** [subgenus of *Camponotus*]

*Hypercolobopsis* Emery, 1920b: 250 [as subgenus of *Camponotus*]. Type-species: *Colobopsis paradoxa*, by original designation.

*Hypercolobopsis* senior synonym of *Neocolobopsis*: Kempf, 1968b: 411.

***HYPOCHIRA*** [*incertae sedis* in Formicidae]

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

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

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

*Hypochira* unplaced taxon of Dolichoderinae: Smith, M.R. 1979: 1422.

*Hypochira* **unidentifiable taxon,** *incertae sedis* in Formicidae: Bolton, 1995b: 31, Bolton, 2003: 263.

*HYPOCLINEA* [junior synonym of *Dolichoderus*]

*Hypoclinea* Mayr, 1855: 377. Type-species: *Formica quadripunctata*, by subsequent designation of Wheeler, W.M. 1911f: 165.

*Hypoclinea* junior synonym of *Dolichoderus*: Forel, 1878: 386.

*Hypoclinea* revived from synonymy as subgenus of *Dolichoderus*: Emery, 1894c: 234; retained as subgenus: Wheeler, W.M. 1910g: 142; Emery, 1913a: 10; Wheeler, W.M. 1915h: 77; Forel, 1917: 247; Borgmeier, 1923: 84; Clark, 1930b: 252; Creighton, 1950a: 331; Kusnezov, 1959: 50; Smith, D.R. 1979: 1415; Kupyanskaya, 1990: 154.

*Hypoclinea* revived status as genus: Kempf, 1972a: 118; Lattke, 1987: 259; Dlussky & Fedoseeva, 1988: 78.

*Hypoclinea* junior synonym of *Dolichoderus*: Shattuck, 1992c: 66.

*HYPOCRYPTOCERUS* [junior synonym of *Cephalotes*]

*Hypocryptocerus* Wheeler, W.M. 1920: 53 [as subgenus of *Cryptocerus*]. Type-species: *Formica haemorrhoidalis*, by original designation.

*Hypocryptocerus* raised to genus: Wheeler, W.M. 1936b: 200.

*Hypocryptocerus* junior synonym of *Zacryptocerus*: Kempf, 1973c: 460.

*Hypocryptocerus* junior synonym of *Cephalotes*: De Andrade & Baroni Urbani, 1999: 59.

*HYPOCYLINDROMYRMEX* [junior synonym of *Cylindromyrmex*]

*Hypocylindromyrmex* Wheeler, W.M. 1924a: 106 [as subgenus of *Cylindromyrmex*]. Type-species: *Cylindromyrmex longiceps*, by original designation.

*Hypocylindromyrmex* junior synonym of *Cylindromyrmex*: Brown, 1975: 36.

*HYPOPHEIDOLE* [*Nomen nudum*]

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

\****HYPOPOMYRMEX*** [Myrmicinae: Solenopsidini]

\**Hypopomyrmex* Emery, 1891a: 148. Type-species: \**Hypopomyrmex bombiccii*, by monotypy.

***HYPOPONERA*** [Ponerinae: Ponerini]

*Hypoponera* Santschi, 1938b: 79 [as subgenus of *Ponera*]. Type-species: *Ponera abeillei*, by original designation.

*Hypoponera* raised to genus: Taylor, 1967a: 9.

***IBEROFORMICA***[Formicinae: Formicini]

*Iberoformica* Tinaut, 1990a: 282 [as subgenus of *Formica*]. Type-species: *Formica subrufa*, by original designation.

*Iberoformica* junior synonym of *Formica*: Agosti, 1994a: 107.

*Iberoformica* revived from synonymy and raised to genus: Muñoz-López, *et al*. 2011: [online only version, not yet published].

*ICOTHORAX* [junior synonym of *Temnothorax*]

*Icothorax* Hamann & Klemm, 1967: 415 [as subgenus of *Leptothorax*]. Type-species: *Leptothorax (Icothorax) megalops*, by monotypy.

*Icothorax* junior synonym of *Myrafant*: Baroni Urbani, 1978b: 556; Bolton, 1995b: 32.

*Icothorax* junior synonym of *Chalepoxenus*: Hölldobler & Wilson, 1990: 13.

*Icothorax* junior synonym of *Temnothorax*: Bolton, 2003: 253, 271.

*IDRISELLA* [junior synonym of *Pheidologeton*]

*Idrisella* Santschi, 1937h: 372. Type-species: *Pheidologeton dentiviris*, by original designation.

*Idrisella* junior synonym of *Pheidologeton*: Ettershank, 1966: 115.

\****ILEMOMYRMEX*** [*incertae sedis* in Myrmicinae: Stenammini]

\**Ilemomyrmex* Wilson, 1985a: 2. Type-species: \**Ilemomyrmex caecus*, by original designation.

\****IMHOFFIA*** [*incertae sedis* in Formicinae]

\**Imhoffia* Heer, 1849: 153. Type-species: \**Imhoffia nigra*, by monotypy. [Also described as new by Heer, 1850: 153.]

***INDOMYRMA*** [Myrmicinae: Stenammini]

*Indomyrma* Brown, 1986: 37. Type-species: *Indomyrma dasypyx*, by original designation.

*IRENEA* [junior synonym of *Myrmatopa*]

*Irenea* Donisthorpe, 1938e: 502 [as subgenus of *Dolichoderus*]. Type-species: *Dolichoderus (Irenea) omyrmex*, by original designation.

*Irenea* raised to genus: Donisthorpe, 1941h: 59.

*Irenea* junior synonym of *Myrmatopa*: Bolton, 1994: 50; Dorow, 1995: 42.

*IRENEELLA* [junior synonym of *Rhoptromyrmex*]

*Ireneella* Donisthorpe, 1941i: 175. Type-species: *Ireneella papuensis* (junior synonym of *Tetramorium melleum*), by original designation.

*Ireneella* junior synonym of *Rhoptromyrmex*: Bolton, 1976: 298; Bolton, 1986a: 2.

*IRENEIDRIS* [junior synonym of *Monomorium*]

*Ireneidris* Donisthorpe, 1943c: 81. Type-species: *Ireneidris myops* (junior synonym of *Monomorium australicum*), by original designation.

*Ireneidris* junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1987: 298.

*IRENEOPONE* [junior synonym of *Nesomyrmex*]

*Ireneopone* Donisthorpe, 1946d: 242. Type-species: *Ireneopone gibber*, by original designation.

*Ireneopone* junior synonym of *Nesomyrmex*: Bolton, 2003: 250, 272.

***IRIDOMYRMEX*** [Dolichoderinae: Leptomyrmecini]

*Iridomyrmex* Mayr, 1862: 702. Type-species: *Formica detecta* (junior synonym of *Formica purpurea*), by subsequent designation of Bingham, 1903: 297.

*IROGERA* [junior synonym of *Rogeria*]

*Irogera* Emery, 1915i: 191 [as subgenus of *Rogeria*]. Type-species: *Rogeria procera*, by original designation.

*Irogera* raised to genus: Brown, 1953h: 4 (in text); Kempf, 1961d: 436.

*Irogera* junior synonym of *Rogeria*: Kempf, 1965: 185; Kugler, C. 1994: 23.

*ISCHNOMYRMEX* [junior synonym of *Pheidole*]

*Ischnomyrmex* Mayr, 1862: 738. Type-species: *Myrmica longipes*, by monotypy.

*Ischnomyrmex* junior synonym of *Aphaenogaster*: Emery & Forel, 1879: 461; Bingham, 1903: 270.

*Ischnomyrmex* subgenus of *Aphaenogaster*: Forel, 1891b: 166; André, 1893b: 150; Dalla Torre, 1893: 98; Forel, 1899c: 59; Emery, 1908c: 313; Wheeler, W.M. 1910g: 140.

*Ischnomyrmex* subgenus of *Stenamma*: Emery, 1895c: 298; Emery, 1895j: 769; Forel, 1903a: 693.

*Ischnomyrmex* subgenus of *Pheidole*: Forel, 1913k: 49.

*Ischnomyrmex* as genus: Stitz, 1911a: 367; Emery, 1914a: 40; Forel, 1917: 241; Wheeler, W.M. 1922a: 661; Emery, 1922e: 113.

*Ischnomyrmex* senior synonym of *Isopheidole*: Forel, 1913k: 49; Emery, 1922e: 113 [both have the same type-species, synonymy is therefore absolute].

*Ischnomyrmex* junior synonym of *Pheidole*: Smith, D.R. 1979: 1365.

***ISHAKIDRIS*** [Myrmicinae: Phalacromyrmecini]

*Ishakidris* Bolton, 1984: 374. Type-species: *Ishakidris ascitaspis*, by original designation.

*ISOLCOMYRMEX* [junior synonym of *Monomorium*]

*Isolcomyrmex* Santschi, 1917b: 296 [as subgenus of *Monomorium*]. Type-species: *Holcomyrmex santschii* (junior secondary homonym in *Monomorium*, replaced by *Monomorium santschianum*), by monotypy.

*Isolcomyrmex* junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1987: 296.

*ISOPHEIDOLE* [junior synonym of *Pheidole*]

*Isopheidole* Forel, 1912m: 765 [as subgenus of *Pheidole*]. Type-species: *Myrmica longipes*, by monotypy.

*Isopheidole* junior synonym of *Ischnomyrmex*: Forel, 1913k: 49 [both have the same type-species, synonymy is therefore absolute].

*Isopheidole* junior synonym of *Pheidole*: Smith, D.R. 1979: 1365.

*JANETIA* [junior homonym, see *Forelomyrmex*]

*Janetia* Forel, 1899c: 61 (footnote) [as subgenus of *Pogonomyrmex*]. Type-species: *Pogonomyrmex (Janetia) mayri*, by monotypy. [Junior homonym of *Janetia* Kieffer, 1896: 236 (Diptera).]

*Forelomyrmex* Wheeler, W.M. 1913a: 80, replacement name for *Janetia* Forel.

*JOHNIA* [junior synonym of *Aulacomyrma*]

*Johnia* Karavaiev, 1927e: 43 [as subgenus of *Polyrhachis*]. Type-species: *Polyrhachis (Johnia) schizospina*, by monotypy.

*Johnia* junior synonym of *Aulacomyrma*: Hung, 1967b: 402.

***KALATHOMYRMEX*** [Myrmicinae: Attini]

*Kalathomyrmex* Klingenberg & Brandão, 2009: 21. Type-species: *Myrmicocrypta emeryi*, by original designation.

***KARAVAIEVIA*** [subgenus of *Camponotus*]

*Karavaievia* Emery, 1925b: 115 [as subgenus of *Camponotus*]. Type-species: *Camponotus exsectus*, by original designation.

*KARAWAJEWELLA* [junior synonym of *Dolichoderus*]

*Karawajewella* Donisthorpe, 1944b: 59. Replacement name for *Diabolus* Karavaiev, 1926d: 424. [Junior homonym of *Diabolus* Gray, J.E. 1841: 400 (Mammalia).]

*Karawajewella* junior synonym of *Dolichoderus*: Shattuck, 1992c: 66.

***KARTIDRIS*** [Myrmicinae: Pheidolini]

*Kartidris* Bolton, 1991: 10. Type-species: *Kartidris nyos*, by original designation.

\****KHETANIA*** [\*Armaniidae]

\**Khetania* Dlussky, 1999a: 65. Type-species: \**Khetania mandibulata*, by original designation.

\****KLONDIKIA*** [*incertae sedis* in Formicidae]

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

\****KOHLSIMYRMA*** [*incertae sedis* in Formicidae]

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

\****KOTSHKORKIA*** [*incertae sedis* in Dolichoderinae]

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

*KYIDRIS* [junior synonym of *Strumigenys*]

*Kyidris* Brown, 1949d: 3. Type-species: *Kyidris mutica*, by original designation.

*Kyidris* senior synonym of *Polyhomoa*: Creighton, 1950b: 93; Brown & Yasumatsu, 1951: 93.

*Kyidris* junior synonym of *Pyramica*: Bolton, 1999: 1668; Bolton, 2000: 91.

*Kyidris* junior synonym of *Strumigenys*: Baroni Urbani & De Andrade, 1994: 15; Baroni Urbani & De Andrade, 2007: 103.

\****KYROMYRMA*** [*incertae sedis* in Formicinae]

\**Kyromyrma* Grimaldi & Agosti, 2000: 13681. Type-species: \**Kyromyrma neffi*, by original designation.

*LABAUCHENA* [junior synonym of *Solenopsis*]

*Labauchena* Santschi, 1930d: 81. Type-species: *Labauchena daguerrei*, by monotypy.

*Labauchena* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

*LABIDOGENYS* [junior synonym of *Strumigenys*]

*Labidogenys* Roger, 1862a: 249. Type-species: *Labidogenys lyroessa*, by monotypy.

*Labidogenys* junior synonym of *Strumigenys*: Roger, 1863b: 40.

*Labidogenys* revived from synonymy: Brown, 1948e: 102.

*Labidogenys* junior synonym of *Strumigenys*: Brown & Wilson, 1959b: 281; Brown, 1960b: 38.

***LABIDUS*** [Ecitoninae: Ecitonini]

*Labidus* Jurine, 1807: 282. Type-species: *Labidus latreillii* (junior synonym of *Formica coeca*), by monotypy.

*Labidus* subgenus of *Mutilla*: Blanchard, in Cuvier, 1846: pl. 118, fig. 2.

*Labidus* junior synonym of *Eciton*: Dalla Torre, 1893: 1.

*Labidus* revived from synonymy as subgenus of *Eciton*: Emery, 1910b: 21.

*Labidus* revived status as genus: Borgmeier, 1953: 4.

*Labidus* senior synonym of *Nycteresia*, *Pseudodichthadia*: Emery, 1910b: 21; Borgmeier, 1955: 80.

***LACHNOMYRMEX*** [Myrmicinae: Stenammini]

*Lachnomyrmex* Wheeler, W.M. 1910a: 263. Type-species: *Lachnomyrmex scrobiculatus*, by monotypy.

\**LAMPROMYRMEX* [junior synonym of *Monomorium*]

\**Lampromyrmex* Mayr, 1868c: 93. Type-species: \**Lampromyrmex gracillimus* (junior secondary homonym in *Monomorium*, replaced by \**Monomorium mayrianum*), by monotypy.

\**Lampromyrmex* junior synonym of *Monomorium*: Wheeler, W.M. 1915h: 45.

\**Lampromyrmex* revived from synonymy as subgenus of *Monomorium*: Emery, 1922e: 183; Wheeler, W.M. 1922a: 676.

\**Lampromyrmex* senior synonym of *Mitara*: Emery, 1922e: 183; Wheeler, W.M. 1922a: 676.

\**Lampromyrmex* junior synonym of *Monomorium*: Ettershank, 1966: 82; Bolton, 1987: 299.

*LAPAROMYRMEX* [junior synonym of *Liomyrmex*]

*Laparomyrmex* Emery, 1887b: 461. Type-species: *Laparomyrmex gestroi*, by monotypy.

*Laparomyrmex* junior synonym of *Liomyrmex*: Dalla Torre, 1893: 63.

***LASIOMYRMA*** [Myrmicinae: Stenammini]

*Lasiomyrma* Terayama & Yamane, 2000: 523. Type-species: *Lasiomyrma gedensis*, by original designation.

***LASIOPHANES*** [Formicinae: Lasiini]

*Lasiophanes* Emery, 1895i: 16 [as subgenus of *Melophorus*]. Type-species: *Formica nigriventris* (junior primary homonym in *Formica*; *Formica atriventris* first available replacement name), by subsequent designation of Wheeler, W.M. 1911f: 165.

*Lasiophanes* subgenus of *Melophorus*: Emery, 1922a: 90; Emery, 1925b: 12.

*Lasiophanes* raised to genus: Wheeler, W.M. 1922a: 695; Wheeler, W.M. 1935c: 71; retained as genus: Kusnezov, 1952c: 90; Kusnezov, 1956: 31; Kempf, 1972a: 128; Snelling, R.R. & Hunt, 1976: 104.

***LASIUS*** [Formicinae: Lasiini]

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

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

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

*Lasius* junior synonym of *Formicina*: Emery, 1916a: 61; Bondroit, 1918: 19.

*Lasius* as genus: Wheeler, W.M. 1916k: 172; Emery, 1925b: 226; Wilson, 1955a: 11.

*Lasius* senior synonym of *Donisthorpea*: Wheeler, W.M. 1916k: 172; Emery, 1925b: 226; Wilson, 1955a: 11.

*Lasius* senior synonym of \**Tylolasius*: Hong, Wu & Ren, 2001: 348.

Subgenera of *Lasius*: nominal plus *Acanthomyops, Austrolasius, Cautolasius, Chthonolasius, Dendrolasius*.

*LATINODA* [junior synonym of *Pseudomyrmex*]

*Latinoda* Enzmann, E.V. 1944: 62 [as "branch" of *Pseudomyrma*]. Type-species: *Pseudomyrma latinoda*, by original designation.

*Latinoda* junior synonym of *Pseudomyrmex*: Ward, 1990: 469.

*LECANOMYRMA* [junior synonym of *Carebara*]

*Lecanomyrma* Forel, 1913k: 56 [as subgenus of *Pheidologeton*]. Type-species: *Pheidologeton (Lecanomyrma) butteli*, by monotypy.

*Lecanomyrma* subgenus of *Aneleus*: Emery, 1924d: 215.

*Lecanomyrma* junior synonym of *Oligomyrmex*: Ettershank, 1966: 119.

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

*LEIOPELTA* [junior synonym of *Belonopelta*]

*Leiopelta* Baroni Urbani, 1975b: 309. Type-species: *Belonopelta deletrix*, by original designation.

*Leiopelta* junior synonym of *Belonopelta*: Hölldobler & Wilson, 1990: 10; Bolton, 1994: 164; Bolton, 1995b: 33.

***LENOMYRMEX*** [Myrmicinae: Lenomyrmecini]

*Lenomyrmex* Fernández & Palacio, 1999: 8. Type-species: *Lenomyrmex mandibularis*, by original designation.

*LEONOMYRMA* [junior synonym of *Chalepoxenus*]

*Leonomyrma* Arnol'di, 1968: 1809. Type-species: *Leonomyrma spinosa*, by original designation.

*Leonomyrma* junior synonym of *Chalepoxenus*: Buschinger, 1987: 117.

*LEPIDOPONE* [junior synonym of *Asphinctopone*]

*Lepidopone* Bernard, 1953b: 207. Type-species: *Lepidopone lamottei* (junior synonym of *Asphinctopone silvestrii*), by monotypy.

*Lepidopone* junior synonym of *Asphinctopone*: Brown, 1953h: 2.

***LEPISIOTA*** [Formicinae: Plagiolepidini]

*Lepisiota* Santschi, 1926a: 15 [as subgenus of *Acantholepis*]. Type-species: *Plagiolepis rothneyi*, by original designation.

*Lepisiota* is first available replacement name for *Acantholepis* Mayr, 1861 [junior homonym of *Acantholepis* Kroyer, 1846: 98 (Pisces)], hence valid name of genus: Bolton, 1995b: 33.

*Lepisiota* senior synonym of *Baroniurbania* (unnecessary replacement name for *Acantholepis*): Bolton, 1994: 51.

[*Lepisiota* incorrectly as junior synonym of *Acanthomyrmex*: Brown, 1973b: 181; Snelling, R.R. 1981: 397. In both publications *Acanthomyrmex* is an error for *Acantholepis*.]

Subgenera of *Lepisiota*: nominal plus *Baroniurbania*: Dietrich, 2004: 324.

*LEPTALEA* [junior synonym of *Pseudomyrmex*]

*Leptalea* Erichson, 1839: 309. Type-species: *Formica gracilis*, by subsequent designation of Wheeler, W.M. 1911f: 166.

[*Leptalaea* Spinola, 1851b: 52 and Spinola, 1853: 68; unavailable names, incorrect subsequent spellings.]

*Leptalea* junior synonym of *Pseudomyrma*: Smith, F. 1858b: 153; Roger, 1863b: 24.

*Leptalea* junior synonym of *Pseudomyrmex*: Smith, M.R. 1952a: 98. [*Pseudomyrmex* and *Leptalea* share the same type-species; synonymy is therefore absolute.]

***LEPTANILLA*** [Leptanillinae: Leptanillini]

*Leptanilla* Emery, 1870: 196. Type-species*: Leptanilla revelierii*, by monotypy.

*Leptanilla* senior synonym of *Leptomesites*: Baroni Urbani, 1977c: 433.

***LEPTANILLOIDES*** [Leptanilloidinae]

*Leptanilloides* Mann, 1923: 13. Type-species: *Leptanilloides biconstricta*, by original designation.

\****LEPTOGASTERITUS*** [*incertae sedis* in Formicidae (probably Dolichoderinae)]

\**Leptogasteritus* Hong, 2002: 577. Type-species: \**Leptogasteritus capricornutes*, by original designation.

***LEPTOGENYS*** [Ponerinae: Ponerini]

*Leptogenys* Roger, 1861a: 41. Type-species: *Leptogenys falcigera*, by subsequent designation of Bingham, 1903: 52.

*Leptogenys* senior synonym of *Microbolbos*: Wilson, 1955b: 136.

*Leptogenys* senior synonym of *Dorylozelus*: Taylor, 1969: 132.

*Leptogenys* senior synonym of *Machaerogenys*, *Lobopelta*: Bolton, 1975a: 240.

*Leptogenys* senior synonym of *Odontopelta*: Snelling, R.R. 1981: 390; Taylor & Brown, D.R. 1985: 32.

*Leptogenys* senior synonym of *Prionogenys*: Taylor, 1988: 33.

*LEPTOMESITES* [junior synonym of *Leptanilla*]

*Leptomesites* Kutter, 1948: 286. Type-species: *Leptomesites escheri*, by original designation.

*Leptomesites* junior synonym of *Leptanilla*: Baroni Urbani, 1977c: 433.

*LEPTOMYRMA* [junior synonym of *Pheidole*]

*Leptomyrma* Motschoulsky, 1863: 17. Type-species: *Leptomyrma gracilipes*, by monotypy.

*Leptomyrma* junior synonym of *Pheidole*: Emery, 1892b: 166.

***LEPTOMYRMEX*** [Dolichoderinae: Leptomyrmecini]

*Leptomyrmex* Mayr, 1862: 695. Type-species: *Formica erythrocephala*, by monotypy.

\****LEPTOMYRMULA*** [*incertae sedis* in Dolichoderinae]

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

*LEPTOPONE* [junior synonym of *Centromyrmex*]

*Leptopone* Arnold, 1916: 163 [as subgenus of *Glyphopone*]. Type-species: *Glyphopone (Leptopone) rufigaster* (junior synonym of *Glyphopone bequaerti*), by original designation.

*Leptopone* raised to genus: Wheeler, W.M. 1922a: 647.

*Leptopone* junior synonym of *Centromyrmex*: Brown, 1963: 9.

***LEPTOTHORAX*** [Myrmicinae: Formicoxenini]

*Leptothorax* Mayr, 1855: 431. Type-species: *Formica acervorum*, by subsequent designation of Bingham, 1903: 214.

[Type-species not *Myrmica clypeata*, unjustified subsequent designation by Emery, 1912d: 271; repeated in Wheeler, W.M. 1913a: 79 and Emery, 1924d: 248.]

*Leptothorax* senior synonym of *Mychothorax*: Smith, M.R. 1950: 29 [both have the same type-species, synonymy is therefore absolute].

*Leptothorax* senior synonym of *Doronomyrmex*: Heinze, 1998: 195.

*LEPTOXENUS* [*Nomen nudum*]

*Leptoxenus* Forel, 1917: 245, attributed to Santschi. *Nomen nudum*.

\****LEUCOTAPHUS*** [*incertae sedis* in Formicinae]

\**Leucotaphus* Donisthorpe, 1920: 89. Type-species: \**Leptothorax gurnetensis*, by original designation.

\****LIAOFORMICA*** [*incertae sedis* in Formicidae (probably Dolichoderinae)]

\**Liaoformica* Hong, 2002: 583. Type-species: \**Liaoformica longipetiolata*, by original designation.

*LILIDRIS* [junior synonym of *Solenopsis*]

*Lilidris* Kusnezov, 1956: 26 (diagnosis in key). Type-species: *Lilidris metatarsalis*, by original designation.

[*Lilidris* also described as new by Kusnezov, 1957a: 274 and Kusnezov, 1958b: 189.]

*Lilidris* junior synonym of *Solenopsis*: Ettershank, 1966: 134.

*LIMNOMYRMEX* [junior synonym of *Nesomyrmex*]

*Limnomyrmex* Arnold, 1948: 222. Type-species: *Limnomyrmex stramineus*, by original designation.

*Limnomyrmex* junior synonym of *Nesomyrmex*: Brown, 1971a: 4.

*Limnomyrmex* junior synonym of *Leptothorax*: Bolton, 1982: 319.

*Limnomyrmex* junior synonym of *Nesomyrmex*: Bolton, 2003: 250, 272.

***LINEPITHEMA*** [Dolichoderinae: Leptomyrmecini]

*Linepithema* Mayr, 1866a: 496. Type-species: *Linepithema fusca*, by monotypy.

***LIOMETOPUM*** [Dolichoderinae: Tapinomini]

*Liometopum* Mayr, 1861: 38. Type-species: *Formica microcephala*, by monotypy.

***LIOMYRMEX*** [Myrmicinae: Liomyrmecini]

*Liomyrmex* Mayr, 1865: 23. Type-species: *Myrmica caeca*, by monotypy (junior primary homonym; replaced by *Laparomyrmex gestroi*, first available replacement name: Bolton, 1995b: 248).

*Liomyrmex* senior synonym of *Laparomyrmex*: Dalla Torre, 1893: 63.

*Liomyrmex* senior synonym of *Promyrma*: Forel, 1913k: 26.

*LIOPONERA* [junior synonym of *Cerapachys*]

*Lioponera* Mayr, 1879: 666. Type-species: *Lioponera longitarsus*, by monotypy.

*Lioponera* subgenus of *Cerapachys*: Forel, 1892l: 244.

*Lioponera* revived status as genus: Dalla Torre, 1893: 17.

*Lioponera* junior synonym of *Cerapachys*: Brown, 1975: 19.

*LITHOMYRMEX* [junior synonym of *Stigmatomma*]

*Lithomyrmex* Clark, 1928a: 30. Type-species: *Lithomyrmex glauerti*, by original designation.

*Lithomyrmex* junior synonym of *Amblyopone*: Brown, 1960a: 156.

*Lithomyrmex* junior synonym of *Stigmatomma*: Yoshimura & Fisher, 2012a:17.

\**LITHOMYRMEX* [junior homonym, see \**Eulithomyrmex*]

\**Lithomyrmex* Carpenter, 1930: 34. Type-species: \**Lithomyrmex rugosus*, by original designation. [Junior homonym of *Lithomyrmex* Clark, above.]

\**Eulithomyrmex* Carpenter, 1935: 91, replacement name for \**Lithomyrmex* Carpenter.

*LOBOGNATHUS* [junior synonym of *Messor*]

*Lobognathus* Enzmann, J. 1947b: 152 [as subgenus of *Veromessor*]. Erroneous entry for *Veromessor lobognathus* and hence junior synonym of *Veromessor*: Brown, 1949a: 49

*Lobognathus* junior synonym of *Messor*: Bolton, 1982: 338.

*LOBOMYRMEX* [junior synonym of *Tetramorium*]

*Lobomyrmex* Kratochvíl, 1941: 84 [as subgenus of *Tetramorium*]. Type-species: *Tetramorium (Lobomyrmex) ferox silhavyi* (junior synonym of *Tetramorium ferox*), by monotypy.

*Lobomyrmex* junior synonym of *Tetramorium*: Bolton, 1976: 359; Bolton, 1980: 196.

*LOBOPELTA* [junior synonym of *Leptogenys*]

*Lobopelta* Mayr, 1862: 733. Type-species: *Ponera diminuta*, by subsequent designation of Bingham, 1903: 54.

*Lobopelta* subgenus of *Leptogenys*: Forel, 1892k: 520.

*Lobopelta* revived status as genus: Dalla Torre, 1893: 43; maintained as genus: Bingham, 1903: 54.

*Lobopelta* junior synonym of *Leptogenys*: Emery, 1896e: 177 (footnote)

*Lobopelta* revived from synonymy as subgenus of *Leptogenys*: Forel, 1899c: 18; Forel, 1900d: 304; maintained as subgenus: Wheeler, W.M. 1910g: 135; Emery, 1911d: 101; Forel, 1917: 238; Wheeler, W.M. 1922a: 653; Creighton, 1950a: 50; Kempf, 1972a: 131.

*Lobopelta* junior synonym of *Leptogenys*: Bolton, 1975a: 240.

***LOBOPONERA*** [Ponerinae: Ponerini]

*Loboponera* Bolton & Brown, 2002: 3. Type-species: *Loboponera vigilans*, by original designation.

\****LONCHOMYRMEX*** [*incertae sedis* in Myrmicinae: Pheidolini]

\**Lonchomyrmex* Mayr, 1867b: 61. Type-species: \**Formica freyeri*, by monotypy.

*LONCYDA* [junior synonym of *Cardiocondyla*]

*Loncyda* Santschi, 1930b: 70 [as subgenus of *Cardiocondyla*]. Type-species: *Cardiocondyla (Loncyda) monardi*, by monotypy.

*Loncyda* junior synonym of *Cardiocondyla*: Bolton, 1982: 309.

\****LONGICAPITIA*** [*incertae sedis* in Ponerinae]

\**Longicapitia* Hong, 2002: 535. Type-species: \**Longicapitia reticulata*, by original designation.

\****LONGIFORMICA*** [*incertae sedis* in Formicinae]

\**Longiformica* Hong, 2002: 603. Type-species: \**Longiformica dongzhouheensis*, by original designation.

***LOPHOMYRMEX*** [Myrmicinae: Pheidolini]

*Lophomyrmex* Emery, 1892a: 114. Type-species: *Oecodoma quadrispinosa*, by monotypy.

[*Lophomyrmex* as junior synonym of *Monomorium*: Dlussky, 1997: 57 (error).]

***LORDOMYRMA*** [Myrmicinae: Stenammini]

*Lordomyrma* Emery, 1897c: 591. Type-species: *Lordomyrma furcifera*, by subsequent designation of Wheeler, W.M. 1911f: 166.

[Type-species not *Podomyrma caledonica*, incorrect subsequent designation by Wheeler, W.M. 1919f: 98.]

*Lordomyrma* senior synonym of *Prodicroaspis*, *Promeranoplus*: Hölldobler & Wilson, 1990: 14; Bolton, 1994: 106.

***LOWERIELLA*** [Dolichoderinae: Bothriomyrmecini]

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

*LUNDELLA* [junior synonym of *Hylomyrma*]

*Lundella* Emery, 1915i: 191. Type-species: *Tetramorium reitteri*, by original designation.

*Lundella* junior synonym of *Hylomyrma*: Brown, 1953h: 3.