

Family-group names of Ichneumonidae (adapted from Fitton & Gauld (1976, 1978))

Subfamily **ACAENITINAE** Förster, 1869.

Acoenitoidea Förster, 1869: 142, 167. Type-genus: *Acoenites* Latreille, an unjustified emendation of *Acaenitus* Latreille.

Acaenitini Förster; Szépligeti, 1908b: 94. Corrected spelling -- Articles 32 (c) & 33 (b) of the Code.

Coleocentri Clément, 1938: 506. Type-genus: *Coleocentrus* Gravenhorst.

Subfamily **ADELOGNATHINAE** Thomson, 1888.

Adelognathides Thomson, 1888: 1271, 1272. Type-genus: *Adelognathus* Holmgren.

Subfamily **AGRIOTYPINAE** Haliday, 1838.

Agriotypidae Haliday, 1838: 212. Type-genus: *Agriotypus* Curtis.

Subfamily **ANOMALONINAE** Viereck, 1918 (1900) [= Anomalinae of Townes].

1. Tribe **Anomalonini** Viereck, 1918 (1900) [= Anomalini of Townes]

[Trachynotoidea Förster, 1869: 140, 147. Invalid proposal based on *Trachynotus* Gravenhorst, junior homonym of *Trachynotus* Latreille.]

Nototrachiina Woldstedt, 1877: 4. Type-genus: *Nototrachys* Marshall (= *Anomalon* Panzer). Incorrectly formed stem.

Nototrachini Ashmead, 1900a: 580. Justified emendation.

Anomaloninae Viereck, 1918: 72. Type-genus: *Anomalon* Panzer. Correctly formed stem? Names based on *Anomalon* rather than *Nototrachys* have been in general use since 1918 and Ashmead's name is therefore not given priority (Article 40 (a) and (b) of the Code).

Anomalina Viereck; Townes, 1945: 708. This form, with an incorrect stem, is a junior homonym of *Anomalitae* Blanchard, 1851.

2. Tribe **Gravenhorstiini** Enderlein, 1912 [includes Podogastrini and Theriini of Townes; Gauld, 1976].

[Anomaloidae Förster, 1869: 140, 145. Type-genus: *Anomalon* Panzer. Förster misidentified the type-genus, as did Ashmead.

This error was corrected by Viereck (1918). Förster's name is a junior homonym of *Anomalitae* Blanchard, 1851: 173.

Incorrectly formed stem.]

[Anomalonini Ashmead, 1895: 277. ? correctly formed stem. Misidentified type-genus.]

[Pharsaliinae Szépligeti, 1905: 2, 3. Invalid proposal based on *Pharsalia* Cresson, junior homonym of *Pharsalia* Thomson.]

Gravenhorstiini Enderlein, 1912. Type-genus: *Gravenhorstia* Boie.

Hymenopharsalinae Viereck, 1918: 72. Type-genus: *Hymenopharsalia* Morley (= *Ophonellus* Westwood). Incorrectly formed stem.

Therioninae Viereck, 1918: 72. Type-genus: *Therion* Curtis. Incorrectly formed stem.

Ophonellini Cushman, 1922: 14. Type-genus: *Ophonellus* Westwood.

[Aphanistina Townes, 1944: 22. Not available under Article 13 of the Code.]

[Ophiopterina Townes, 1944: 22. Not available under Article 13 of the Code.]

[Gravenhorstina Hellén, 1950: 31. Not available under Article 13 of the Code.]

[Trichommina Hellén, 1950: 31. Not available under Article 13 of the Code.]

[Gravenhorstiina Townes & Townes, 1951: 396. Not available under Article 13 of the Code.]

Erigorgina Viktorov, 1968: 554. Type-genus: *Erigorgus* Förster.

Podogastrini Townes, 1971: 124, 148. Type-genus: *Podogaster* Brullé.

Theriini Viereck; Townes, 1971: 124, 155. Justified emendation.

Subfamily **BANCHINAE** Wesmael, 1845 [includes Townesioninae; Gauld & Wahl, 2000].

1. Tribe **Atrophini** Seyrig, 1932 [= Lissonotini of Townes; Gauld (1984)].

[Lissonotoidea Förster, 1869: 142, 166. Type-genus: *Lissonota* Gravenhorst. Lissonotini based on *Lissonota* is a junior homonym of Lissonotini based on the coleopterous genus *Lissonotus* Schoenherr.]

Megacremastinae Meyer, 1932: 31. Type-genus: (*Megacremastus* Meyer) = *Leptobatopsis* Ashmead.

Atrophini Seyrig, 1932: 20, 170. Type-genus: *Atropha* Kriechbaumer.

[Lissonotanini Carlson, 1979: 567. Illegal emendation in violation of Article 55 of the Code.]

2. Tribe **Banchini** Wesmael, 1845.

Banchi Wesmael, 1845: 6. Type-genus: *Banchus* Fabricius. Wesmael's use of Banchi is regarded as a valid proposal because he not only includes the nominal genus but also *Plectiscus* and *Mesochorus*.

Exetastinae Viereck, 1918: 72. Type-genus: *Exetastes* Gravenhorst.

3. Tribe **Glyptini** Cushman & Rohwer, 1920.

Glyptini Cushman & Rohwer, 1920: 388, 393. Type-genus: *Glypta* Gravenhorst.

Townesioninae Kasparyan, 1993: 155. Type-genus: *Townesion* Kasparyan.

Subfamily **BRACHYCYRTINAE** Viereck, 1919 [part of Labiinae of Townes; Wahl, 1993].

Brachycyrtinae Viereck, 1919: 198. Type-genus: *Brachycyrtus* Kriechbaumer.

Proterocryptini Cushman, 1919: 543. Type-genus: (*Proterocryptus* Ashmead) = *Brachycyrtus* Kriechbaumer.

[Brachycyrtini Townes & Townes, 1951: 203. Not available under Article 13 of the Code.]

Subfamily **CAMPOPLEGINAE** Förster, 1869.

Campoplegoidae Förster, 1869: 141, 150. Type-genus: *Campoplex* Gravenhorst. Förster misidentified the type-genus, for which a type-species was designated by Westwood (1840). The genus identified by Förster and other authors as *Campoplex* is *Dusona* Cameron (a senior synonym of *Campoplegidea* Viereck 1912 (Viereck, 1912a), proposed for *Campoplex* of authors).

Limnerinae Szépligeti, 1911: 1, 2, 3. Type-genus: (*Limnerium* Ashmead) = *Olesicampe* Förster. Incorrectly formed stem.

Charopsinae Viereck, 1918: 72. Type-genus: *Charops* Holmgren. Incorrectly formed stem.

Cryptophioninae Viereck, 1918: 72. Type-genus: *Cryptophion* Viereck.

Macrini Townes, 1971: 241. Type-genus: *Macrus* Gravenhorst.

Cymodusini V. Gupta, 1987: 402. Type-genus: *Cymodusa* Holmgren.

Subfamily **COLLYRIINAE** Cushman, 1924.

Collyriini Cushman, 1924: 229. Type-genus: *Collyria* Schiødte.

Subfamily **CREMASTINAE** Förster, 1869.

Cremastoidae Förster, 1869: 141, 149. Type-genus: *Cremastus* Gravenhorst.

Pristomeroidae Förster, 1869: 141, 149. Type-genus: *Pristomerus* Curtis.

[Xiphosominae Szépligeti, 1905: 2, 3. Invalid proposal based on *Xiphosoma* Marshall, an unjustified emendation of *Eiphosoma* Cresson.]

Eiphosominae Szépligeti; Viereck, 1918: 72. Type-genus: *Eiphosoma* Cresson.

Subfamily **CRYPTINAE** Kirby 1837 [= Gelineae of Townes, Hemitelinae and Phygadeuontinae of authors].1. Tribe **Claseini** Townes, 1969 [part of Labiinae of Townes; Gauld (1978)]

[Clasini Townes, 1969: 195, 201. Type-genus: *Clasis* Townes. Incorrectly formed stem.]

Claseinae Porter, 1998: 54. Corrected spelling -- Article 32 (c) & (d) of the Code.

2. Tribe **Cryptini** Kirby 1837 [= Mesostenini of authors].a. subtribe **Agrothereutina** Townes, 1970.

Agrothereutina Townes, 1970a: 142, 145. Type-genus: *Agrothereutes* Förster.

b. subtribe **Ateleutina** Townes, 1967.

Ateleutina Townes, 1967: 181. Type-genus: *Ateleute* Förster.

c. subtribe **Baryceratina** Townes.

Baryceratina Townes (*in*: Townes, Townes & Gupta, 1961: 438). Type-genus: *Baryceros* Gravenhorst.

d. subtribe **Ceratocryptina** Townes, 1970.

Ceratocryptina Townes, 1970a: 144, 299. Type-genus: *Ceratocryptus* Cameron.

e. subtribe **Coesulina** Townes, 1970.

Coesulina Townes, 1970a: 144, 293. Type-genus: *Coesula* Townes.

f. subtribe **Cryptini** Kirby, 1837 [= Ischnina of Townes].

Cryptidae Kirby, 1837. Type-genus: *Cryptus* Fabricius, 1804. Cryptini Kirby, 1837 and *Cryptus* Fabricius, 1804 were conserved by Opinion 1757 (International Commission on Zoological Nomenclature, 1994).

- Hedycryptinae Bradley, 1919: 55. Type-genus: *Hedycryptus* Cameron.
 [Trachysphyrini Constantineanu & Constantineanu, 1968. Not available under Article 13 of the Code.]
 Ischnina Townes, 1970a: 145, 158. Type-genus: *Ischnus* Gravenhorst.
- g. subtribe **Gabuniina** Townes, 1970.
 Gabuniina Townes, 1970a: 143, 325. Type-genus: *Gabunia* Kriechbaumer.
- h. subtribe **Glodianina** Townes, 1970.
 Glodianina Townes, 1970a: 144, 232. Type-genus: *Glodianus* Cameron.
- i. subtribe **Goryphina** Townes, 1970.
 Goryphina Townes, 1970a: 145, 235. Type-genus: *Goryphus* Holmgren.
- j. subtribe **Lymeonina** Townes, 1970.
 Lymeonina Townes, 1970a: 144, 276. Type-genus: *Lymeon* Förster.
- k. subtribe **Mesostenina** Ashmead, 1900.
 Mesostenini Ashmead, 1900a: 570. Type-genus: *Mesostenus* Gravenhorst.
- l. subtribe **Melanocryptina** Townes, 1970.
 Melanocryptina Townes, 1970a: 144, 298. Type-genus: *Melanocryptus* Cameron.
- m. subtribe **Osprynchotina** Viereck, 1918 [= Nematopodiina of Townes].
 Osprynchotina Viereck, 1918: 73. Type-genus: *Osprynchotus* Spinola.
 Nematopodiina Townes, 1970a: 437, 443. Type-genus: *Nematopodius* Gravenhorst.
- n. subtribe **Sphecophagina** Beirne, 1941.
 [Crypturina Schmiedeknecht, 1911: 2278. Invalid proposal based on *Crypturus* Gravenhorst, junior homonym of *Cryptus* Illiger.]
 [Endurini Schmiedeknecht, 1912: 2495. Invalid proposal based on *Endurus* Rondani (replacement name for *Crypturus* Gravenhorst), junior objective synonym of *Latibulus* Gistel (the valid replacement name for *Crypturus* Gravenhorst).]
 [Sphecophagini Seyrig, 1934: 12. Not available under Article 13 of the Code.]
 Sphecophagini Beirne, 1941: 167, 174. Type-genus: *Sphecophaga* Westwood.
 Latibulinae Constantineanu & Constantineanu, 1968: 171. Type-genus: *Latibulus* Gistel. Replacement name for Crypturina Schmiedeknecht and Endurini Schmiedeknecht.
- o. subtribe **Vagenathina** Townes, 1970.
 Vagenathina Townes, 1970a: 142, 294. Type-genus: *Vagenatha* Cameron.
3. Tribe **Hemigastrini** Ashmead, 1900 [part of Echthriini of Townes].
 Hemigasterini Ashmead, 1900b: 25, 38. Type-genus: *Hemigaster* Brullé.
 Pseudocryptina Schmiedeknecht, 1911: 2278. Type-genus: (*Pseudocryptus* Kriechbaumer) = *Giraudia* Förster. [Aptesini Townes, 1944: 19. Not available under Article 13 of the Code.]
 Aptesini Smith & Shenefelt, 1955: 184, 185. Type-genus: *Aptesini* Förster. Aptesini is retained under Article 40(b) of the Code and takes the date of Schmiedeknecht's name.
 Echthriini Narayanan & Kundan Lal, 1958: 18, 25. Type-genus: *Echthrus* Gravenhorst
4. Tribe **Phygadeuontini** Förster, 1869.
- a. subtribe **Acrolytina** Townes, 1970.
 Acrolytina Townes, 1970a: 5, 27. Type-genus: *Acrolyta* Förster.
- b. subtribe **Bathytrichina** Townes, 1970.
 Bathytrichina Townes, 1970a: 7, 86. Type-genus: *Bathytrichia* Förster.
- c. subtribe **Chiroticina** Townes, 1970.
 Chiroticina Townes, 1970a: 5, 8. Type-genus: *Chirotica* Förster.
- d. subtribe **Cremnodina** Townes, 1970.
 Cremnodina Townes, 1970a: 6, 107. Type-genus: *Cremnodes* Förster.
- e. subtribe **Endaseina** Townes, 1970.
 Endaseina Townes, 1970a: 7, 77. Type-genus: *Endasys* Förster.
- f. subtribe **Ethelurgina** Townes, 1970.
 Ethelurgina Townes, 1970a: 7, 71. Type-genus: *Ethelurgus* Förster.
- g. subtribe **Gelina** Viereck, 1918 (1869).
 Pezomachoidae Förster, 1869: 143, 172. Type-genus: (*Pezomachus* Gravenhorst) = *Gelis* Thunberg.
 Gelinae Viereck, 1918: 73. Type-genus: *Gelis* Thunberg. Gelini is retained under provisions of Article 40 (a) and (b) of the Code and takes the date of Förster's name.
- h. subtribe **Hemitelina** Förster, 1869 (includes Gnypetomorpha; Horstmann, 1992).
 Hemiteloidae Förster, 1869: 144, 173. Type-genus: *Hemiteles* Gravenhorst.
 Myersiidae Viereck, 1912c: 575. Type-genus: (*Myersia* Viereck) = *Polyaulon* Förster.
 Gnypetomorpha Townes, 1970a: 6, 57. Type-genus: *Gnypetomorpha* Förster.
- i. subtribe **Mastrina** Townes, 1970.
 Mastrina Townes, 1970a: 7, 59. Type-genus: *Mastrus* Förster.
- j. subtribe **Phygadeuontina** Förster, 1869 [includes Cephalobaridina; Horstmann, 1992].
 Phygadeuontoidae Förster, 1869: 144, 181. Type-genus: *Phygadeuon* Gravenhorst.
 Cephalobaridina Townes, 1970a: 7, 111. Type-genus: *Cephalobaris* Kryger.

k. subtribe **Rothneyiina** Cameron, 1906.

Rothneyini Cameron, 1906: 252. Type-genus: *Rothneyia* Cameron. Incorrectly formed stem.
Rothneyiini Cameron; Schmiedeknecht, 1908: 94. Justified emendation.

l. subtribe **Stilpnina** Förster, 1869.

Stilpnoidae Förster, 1869: 144, 188. Type-genus: *Stilpnus* Gravenhorst.

Subfamily **CTENOPELMATINAE** Förster, 1869 [= Scolobatinae of Townes].

1. Tribe **Chrionotini** Uchida, 1957

Chrionotini Uchida, 1957. Type-genus: *Chrionota* Uchida, 1957.

Olethrodolini Townes, 1970. Type-genus: *Olethrodotis* Förster.

2. Tribe **Ctenopelmatini** Förster, 1869.

Ctenopelmoidae Förster, 1869: 145, 195. Type-genus: *Ctenopelma* Holmgren. Incorrectly formed stem.

Notopygina Schmiedeknecht, 1911: 2278. Type-genus: *Notopygus* Holmgren.

Ctenopelmatini Förster; Townes, 1944: 21. Justified emendation.

3. Tribe **Euryproctini** Thomson, 1883.

[Mesoleptoidae Förster, 1869: 145, 197. Type-genus: *Mesoleptus* Gravenhorst. Förster misidentified the type-genus, which belongs to the Stilpnina, by overlooking Curtis' (1837) earlier designation. This error was discovered by Viereck (1912b).]

Euryproctides Thomson, 1883: 907, 924. Type-genus: *Euryproctus* Holmgren.

Megacerini Szépligeti, 1908a: 322. Type-genus: *Megaceria* Szépligeti. Incorrectly formed stem.

Zemiophorinae Viereck, 1918: 70. Type-genus: (*Zemiophora* Förster) = *Synomelix* Förster.

4. Tribe **Mesoleiini** Thomson, 1883.

Mesoleiides Thomson, 1883: 907, 929. Type-genus: *Mesoleius* Holmgren.

5. Tribe **Olethrodolini** Townes, 1970.

Olethrodolini Townes, 1970b: 55, 65. Type-genus: *Olethrodotis* Förster.

6. Tribe **Perilissini** Thomson, 1883.

Perilissides Thomson, 1883: 906, 910. Type-genus: *Perilissus* Holmgren.

7. Tribe **Pionini** Smith & Shenefelt, 1955 (1883).

Catoglyptides Thomson, 1883: 907, 922. Type-genus: (*Catoglyptus* Holmgren) = *Pion* Schiødte.

[Pionini Townes, 1945: 483. Not available under Article 13 of the Code.]

Pionini Smith & Shenefelt, 1955: 188, 189. Type-genus: *Pion* Schiødte. Pionini is retained under Article 40 (a) and (b) of the Code and takes the date of Thomson's name.

7. Tribe **Scolobatini** Schmiedeknecht, 1911

Scolobatina Schmiedeknecht, 1911. Type-genus: *Scolobates* Gravenhorst.

8. Tribe **Seleucini** Vickberg, 2000

Seleucini Vickberg, 2000 (Vickberg & Koponen, 2000). Type-genus: *Seleucus* Holmgren.

9. Tribe **Westwoodini** Townes, 1970 [Gauld (1984); Zhaurova & Wharton (2009)]

Westwoodini Townes, 1970. Type-genus: *Westwoodia* Brullé.

Subfamily **CYLLOCERIINAE** Wahl, 1990 [part of Microleptinae of Townes; Wahl, 1990].

[Lampronotini Hellén, 1915: 17, 47. Type-genus: *Lampronota* Curtis. Hellén misidentified *Cylloceria* Schiødte as *Lampronota*.

Viereck had already pointed out the misidentification of *Lampronota* (Viereck, 1914); *Lampronota* is a junior synonym of *Lissonota*.]

Cylloceriinae Wahl, 1990: 50, 52. Type-genus: *Cylloceria* Schiødte.

Subfamily **DIACRITINAE** Townes, 1965 [part of Ephialtinae of Townes; Gauld, 1991].

Diacritini Townes (*in* Townes, Momoi & Townes, 1965: 550, 555). Type-genus: *Diacritus* Förster.

Subfamily **DIPLAZONTINAE** Viereck, 1918.

[Bassoidea Förster, 1869: 142, 162. Type-genus: *Bassus* Fabricius. Förster misidentified the type-genus (which is a braconid).

Viereck (1918) corrected this error.

Diplazoninae Viereck, 1918: 70. Type-genus: *Diplazon* Nees. Incorrectly formed stem.

Diplazontinae Viereck; Hopper, 1959: 163. Justified emendation.

Subfamily **EUCEROTINAE** Viereck, 1919 (1883) [part of Tryphoninae of Townes; Barron, 1976].

Eumesiides Thomson, 1883: 906. Type-genus: (*Eumesius* Westwood) = *Euceros* Gravenhorst.

Eucerinae Viereck, 1919: 48. Type-genus: *Euceros* Gravenhorst. Incorrectly formed stem.

Eucerini Seyrig, 1934: 18, 24. Type-genus: *Euceros* Gravenhorst. Incorrectly formed stem.

Eucerosini Townes, 1944: 20. Incorrectly formed stem. Unjustified emendation.

Euceratini Townes, 1945: 480. Incorrectly formed stem. Unjustified emendation.

Eucerotini Seyrig; Hopper, 1959: 163. Justified emendation. Fitton & Gauld (1976): "Names based on *Euceros* rather than *Eumesius* have been in general use since 1934 and Thomson's name is therefore not given priority (Article 40 (b) of the Code)."

Subfamily **HYBRIZONTINAE** Blanchard, 1845.

Hybrizonites Blanchard, 1845: 157. Type-genus: *Hybrizon* Fallén (Wharton & van Achterberg, 2000).

Pachylommatoidae Förster, 1862: 228. Type-genus: (*Pachylomma* Ratzeburg) = *Hybrizon* Fallén. *Pachylomma* is an unjustified emendation of *Paxylomma* de Brébisson.

Pachylommaninae Förster; Szépligeti, 1896: 310. Incorrectly formed stem based on unjustified emendation.

Paxylomminae Förster; Ashmead, 1900b: 114. Incorrectly formed stem.

Paxylommatinae Förster; Schmiedeknecht, 1907: 537. Corrected spelling -- Articles 32 (c) & 33 (b) of the Code.

Eupachylommidae Viereck, 1918: 71. Type-genus: *Eupachylomma* Ashmead.

Subfamily **ICHNEUMONINAE** Latreille, 1802.

1. **Alomyini** Förster, 1869 [incl. Heterischnini of Townes].

Alomyoidae Förster, 1869: 144, 194. Type-genus: *Alomya* Panzer.

Phaeogenoidae Förster, 1869: 144, 191. Type-genus: *Phaeogenes* Wesmael.

Dicaelotina Holmgren, 1889: 343. Type-genus: *Dicaelotus* Wesmael.

Diadromina Holmgren, 1889: 345. Type-genus: *Diadromus* Wesmael.

Epitomina Holmgren, 1889: 347. Type-genus: *Epitomus* Förster.

Gnathoxina Holmgren, 1889: 344. Type-genus: *Gnathoxys* Wesmael.

Herpestomina Holmgren, 1889: 344. Type-genus: *Herpestomus* Wesmael.

Oronotina Holmgren, 1889: 343. Type-genus: *Oronotus* Wesmael.

Stenodontina Schmiedeknecht, 1903: 262. Type-genus: *Stenodontus* Berthoumieu.

Heterischnini Townes (*in*: Townes, Townes & Gupta, 1961: 347, 458). Type-genus: *Heterischnus* Wesmael.

Chauviniina Diller, 1981: 95, 98. Type-genus: *Chauvinia* Heinrich.

Hemichneumonini Valemberg, 1983: 263. Type-genus: *Hemichneumon* Wesmael.

Dicaelodontina Diller, 1994: 126. Type-genus: *Dicaelodontus* Diller

2. **Ceratojoppini** Heinrich, 1938.

Ceratojoppini Heinrich, 1938: 25, 121. Type-genus: *Ceratojoppa* Cameron.

3. **Compsophorini** Heinrich, 1967.

[Compsophorina Heinrich, 1962: 688. Not available under Article 13 of the Code.]

Compsophorini Heinrich, 1967: 25. Type-genus: *Compsophorus* Saussure.

4. **Clypeodromini** Tereshkin, 1992.

Clypeodromini Tereshkin, 1992: 194. Type-genus: *Clypeodromas* Tereshkin.

5. **Ctenocalini** Heinrich, 1938.

Ctenocalini Heinrich, 1938: 25, 40-41. Type-genus: *Ctenocalus* Szepligeti.

6. **Eurylabini** Heinrich, 1934.

Eurylabini Heinrich, 1934: 64-67. Type-genus: *Eurylabus* Wesmael.

7. **Goedartiini** Townes, 1961.

Goedartiini Townes (*in*: Townes, Townes & Gupta, 1961: 399, 458). Type-genus: *Goedartia* Goie.

8. **Heresiarchini** Ashmead, 1900 [= Ichneumonini of Townes; includes Trogini of Heinrich (Sime & Wahl, 2002)].

[Trogidae Förster, 1869: 144, 188. Type-genus: *Trogus* Panzer. Trogini based on *Trogus* is a junior homonym of Trogidae MacLeay, 1819, based on the coleopterous genus *Trox* Fabricius. Although Förster cites *Trogus* Gravenhorst, Gravenhorst included the type species of *Trogus* Panzer in his treatment of the genus and had the same generic concept]

Heresiarchini Ashmead, 1900a: 567. Type-genus: *Heresiarches* Wesmael.

Protichneumonini Heinrich, 1934: 66, 84. Type-genus: *Protichneumon* Thomson.

Callajoppina Heinrich, 1962: 809-810. Type-genus: *Callajoppa* Cameron.

- Apatetorina Heinrich, 1967: 26, 50. Type-genus: *Apatetor* Saussure.
[Trogusina Carlson, 1979: 538. Illegal emendation. Article 55(b) of the Code.]
9. **Ichneumonini** Latreille, 1802 [= Joppini of Townes in part].
(The following are *incertae sedis* within the tribe, as the type genera were never formally assigned to a subtribe by Heinrich:
Joppinen Kriechbaumer, 1898: 2. Type-genus: *Joppa* Fabricius.
[Merolidini Brèthes, 1909: 49-50. Type-genus: *Merolides* Brèthes. The type and sole specimen of *Merolides arechavaletai*
Brèthes is lost; Townes (Townes & Townes, 1966; pers. comm.) placed it in Joppini, near *Limerodes*.]
Tetragonochorini Heinrich, 1934: 64, 67. Type-genus: *Tetragonochora* Kriechbaumer. Townes (Townes & Townes, 1966)
placed this genus in Joppini.)
- a. **Aethioplitina** Heinrich, 1967.
Aethioplitina Heinrich, 1967: 27. Type-genus: *Aethioplites* Heinrich.
- [b. **Amblytelina** Viereck, 1918.]
[Amblytelinae Viereck, 1918: 74. Type-genus: *Amblyteles* Wesmael. Amblytelina based on *Amblyteles* is a junior homonym
of Amblytelides Sloane, 1898, based on the coleopterous genus *Amblytelus* Erichson (Carabidae).]
[Amblytelesina Carlson, 1979: 507. Illegal emendation. Article 55(b) of the Code.]
- c. **Gyrodontina** Schmiedeknecht, 1902.
Gyrodontini Schmiedeknecht, 1902: 9, 28. Type-genus: *Gyrodonta* Cameron.
Craticheumonina Heinrich, 1967: 27. Type-genus: *Craticheumon* Thomson.
- d. **Hoplismenina** Heinrich, 1967.
Hoplismenina Heinrich, 1967: 26. Type-genus: *Hoplismenus* Gravenhorst.
- e. **Ichneumonina** Latreille, 1802.
Ichneumonides Latreille, 1802: 318. Type-genus: *Ichneumon* Linnaeus.
[Pterocomminae Heinrich, 1949: 256. Not available under Article 13 of the Code.]
10. **Ischnojoppini** Heinrich, 1938.
Ischnojoppini Heinrich, 1938: 25, 117. Type-genus: *Ischnojoppa* Kriechbaumer.
11. **Joppocryptini** Viereck, 1918.
Joppocryptinae Viereck, 1918: 73. Type-genus: *Joppocryptus* Viereck.
Acanthojoppini Heinrich, 1934: 65, 67, 138. Type-genus: (*Acanthojoppa* Cameron) = *Eccoptosage* Kriechbaumer. Townes &
Townes (1966) placed this genus in the Joppini.
12. **Listrodromini** Förster, 1869.
Listrodromoidae Förster, 1869: 144, 194. Type-genus: *Listrodromus* Wesmael.
13. **Oedicephalini** Heinrich, 1934 [= Notosemini of Townes].
Oedicephalini Heinrich, 1934: 67, 118-119. Type-genus: *Oedicephalus* Cresson.
Notosemini Townes (*in*: Townes, Townes & Gupta, 1961: 338, 459). Type-genus: *Notosemus* Förster.
14. **Platylabini** Berthoumieu, 1904 [= Pristicerotini of Townes].
Platylabini Berthoumieu, 1904: 4. Type-genus: *Platylabus* Wesmael.
[Pristiceratini Townes & Townes, 1951: 280. Not available under Article 13 of the Code. Incorrect spelling.]
Pristicerotini Townes (*in*: Townes, Townes & Gupta, 1961: 393, 458). Type-genus: *Pristicerus* Gravenhorst.
15. **Zimmeriini** Heinrich, 1934.
[Zimmerini Heinrich, 1934: 67. Type-genus: (*Zimmeria* Heinrich) = *Cotitheresiarches* Telenga. Incorrectly formed stem.]
Zimmeriini Heinrich; Rasnitsyn & Siitan, 1981: 510. Justified emendation.

- Subfamily **LABENINAE** Ashmead, 1900 [= Labiinae of Townes].
1. Tribe **Groteini** Viereck, 1923 [= Labiini of Townes; Gauld (1978)]
[Orthognathellinae Szépligeti, 1908a: 320. Type-genus: (*Orthognathella* Szépligeti) = *Labium* Brullé.]
Groteinae Viereck, 1923: 201. Type-genus: *Grotea* Cresson.
[Labiini Townes (*in*: Townes & Townes, 1960: 437, 537. Type-genus: *Labium* Brullé. Labiini based on *Labium* is a junior
homonym of Labiidae based on the dermapterous genus *Labia*.]
2. Tribe **Labenini** Ashmead, 1900a.
Labenini Ashmead, 1900a: 571. Type-genus: *Labena* Cresson.
3. Tribe **Poecilocryptini** Townes, 1960 [part of Brachycyrtini of Townes; Gauld, 1978].
Poecilocryptini Townes (*in*: Townes & Townes, 1960: 437, 541. Type-genus: *Poecilocryptus* Cameron.
4. Tribe **Xenothyriini** Wahl, 1996.
Xenothyriini Wahl, 1996: 156. Type-genus: *Xenothyris* Townes

- Subfamily **LYCORININAE** Cushman & Rohwer, 1920.
Lycorini Cushman & Rohwer, 1920: 388, 393. Type-genus: *Lycorina* Holmgren. Incorrectly formed stem.
Lycoriniini Cushman & Rohwer; Clément, 1938: 507. Justified emendation.

Subfamily **MESOCHORINAE** Förster, 1869.

Mesochoroidae Förster, 1869: 143, 170. Type-genus: *Mesochorus* Gravenhorst.

Subfamily **METOPIINAE** Förster, 1869.

Metopioidea Förster, 1869: 142, 159. Type-genus: *Metopius* Panzer. Townes (1945) made a first-reviser choice between Metopioidea and Exochoidae.

Exochoidae Förster, 1869: 142, 161. Type-genus: *Exochus* Gravenhorst.

[Trachydermatoidae Förster, 1869: 142, 161. Invalid proposal based on *Trachyderma* Gravenhorst, junior homonym of *Trachyderma* Latreille.]

[Tylecomnini Ashmead, 1900: 63, 81. Invalid proposal based on *Tylocomnus* Holmgren (replacement name for *Trachyderma* Gravenhorst), junior object synonym of *Spudaeus* Gistel (the valid replacement name for *Trachyderma* Gravenhorst). Incorrect spelling.]

Tylocomnini Ashmead; Schmeideknecht, 1911: 2278. Corrected spelling -- Article 32 (c) & (d) of the Code.

Cariini Schmeideknecht, 1924: 112. Type-genus: *Carría* Schmeideknecht.

Laptonini Clément, 1938: 506. Type-genus: *Lapton* Nees.

Spudaeinae Constantineanu, 1961: 689. Type-genus: *Spudaeus* Gistel.

Subfamily **MICROLEPTINAE** Townes, 1958.

Microleptinae Townes, 1958: 221. Type-genus: *Microleptes* Townes.

Microcleptinae Townes; Walkley, 1967: 179. Unjustified emendation.

Subfamily **NEORHACODINAE** Hedicke, 1922 [part of Banchinae of Townes; Townes, 1971].

[Rhacodinae Ruschka, 1922: 138. Invalid proposal based on *Rhacodes* Ruschka, junior homonym of *Rhacodes* Koch.]

Neorhacodinae Hedicke, 1922: 427. Type-genus: *Neorhacodes* Hedicke.

Subfamily **NESOMESOCHORINAE** Ashmead, 1905 [part of Campopleginae of Townes; Townes, 1970].

Nesomesochorini Ashmead, 1905: 967. Type-genus: (*Nesomesochorus* Ashmead) = *Chriodes* Förster.

Neomesochorinae Ashmead; Szépligeti, 1911: 1, 2, 70. Incorrect subsequent spelling.

Mavandini Seyrig, 1935: 93. Type-genus: (*Mavandia* Seyrig) = *Chriodes* Förster. Incorrectly formed stem.

Nonnini Townes (*in*: Townes, Townes & Gupta, 1961: 488). Type-genus: *Nonnus* Cresson.

Subfamily **OPHIONINAE** Shuckard, 1840.

Ophionidae Shuckard, 1840: 186. Type-genus: *Ophion* Fabricius.

Hellwigioidea Förster, 1869: 141, 149. Type-genus: *Hellwigia* Gravenhorst.

Enicospilini Townes, 1971: 50, 62. Type-genus: *Enicospilus* Stephens.

Subfamily **ORTHOCENTRINAE** Förster, 1869 [incl. part of Microleptinae of Townes; Wahl, 1990]

Orthocentroides Förster, 1869: 142, 159. Type-genus: *Orthocentrus* Gravenhorst.

[Plectiscoidae Förster, 1869: 143, 170. Type-genus: *Plectiscus* Gravenhorst *sensu* Förster. Viereck (1918) proposed *Plectiscidea* for *Plectiscus* of Förster and authors.]

Helictinae Gupta, 1987: 677. Type-genus: *Helictes* Haliday.

Subfamily **ORTHOPELMATINAE** Schmeideknecht, 1910.

Orthopelmina Schmeideknecht, 1910: 2052. Type-genus: *Orthopelma* Taschenberg. Incorrectly formed stem.

Orthopelmatinae Schmeideknecht; Townes & Townes, 1951: 341. Justified emendation.

Subfamily **OXYTORINAE** Thomson, 1883 [part of Microleptinae of Townes; Wahl, 1990].
 Oxytorides Thomson, 1883: 906, 910. Type-genus: *Oxytorus* Förster.
 [Callidiotini Townes, 1944: 21. Not available under Article 13 of the *Code*.]
 Callidiotini Smith & Shenefelt. 1955: 187, 189. Type-genus: (*Callidiotes* Förster) = *Oxytorus* Förster.

Subfamily **PEDUNCULINAE** Porter, 1998.
 Pedunculinae Porter, 1998: 53. Type-genus: *Pedunculus* Townes.

Subfamily **PHEROMBINAE** Kasparyan, 1988.
 Pherombinae Kasparyan, 1988a: 38-39. Type-genus: *Pherombus* Kasparyan.

Subfamily **PHRUDINAE** Townes & Townes, 1949 (1910).
 Mengerseniina Schmiedeknecht, 1910: 2052. Type-genus: (*Mengerseniina* Schmiedeknecht) = *Phrudus* Förster.
 Phrudini Townes & Townes, 1949: 323, 324. Type-genus: *Phrudus* Förster. Phrudini is retained under provisions of Article 40 (a) and (b) of the *Code* and takes the date of Schmiedeknecht's name.

Subfamily **PIMPLINAE** Wesmael, 1845 [= Ephialtinae of Townes].

- Tribe **Delomeristini** Hellén, 1915 [part of Therionini of Townes, 1969].
 Delomeristini Hellén, 1915: 17,48. Type-genus: *Delomerista* Förster.
 Perithoini Wahl & Gauld, 1998: 280, 282. Type-genus: *Perithous* Holmgren.
- Tribe **Ephialtini** Hellén, 1915 [= Pimplini of Townes (1969) and Polysphinctini; Wahl & Gauld, 1998].
 [Pimplidae Shuckard, 1840: 146. Type-genus: *Pimpla* Fabricius *sensu* Curtis, 1828. This became a misidentification on publication of Opinion 159 (International Commission on Zoological Nomenclature, 1945)]
 Ephialtini Hellén, 1915: 16, 21. Type-genus: *Ephialtes* Schrank *sensu* Gravenhorst. This became a correct identification on publication of Opinion 159 (International Commission on Zoological Nomenclature, 1945).
 Epiurini Hellén, 1915: 17, 35. Type-genus: (*Epiurus* Förster) = *Scambus* Hartig.
 Polysphinctini Hellén, 1915: 16, 43. Type-genus: *Polysphincta* Gravenhorst.
 Schizopygides Hellén, 1915: 10, 51. Type-genus: *Schizopyga* Gravenhorst.
 [Ichneumoninae Latreille; Cushman & Rohwer, 1920: 379. Type-genus: *Ichneumon* Linnaeus with type-species *I. manifestor* L. by subsequent designation of Latreille (1810: 436). This became a misidentification on publication of Opinion 159 (International Commission on Zoological Nomenclature, 1945).]
 [Clistopygina Hellén, 1940: 11. Not available under Article 13 of the *Code*.]
 Clistopygini Benoit, 1956: 133. Type-genus: *Clistopyga* Gravenhorst.
 [Scambini Constantineanu & Ciochia, 1967. Not available under article 13 of the *Code*.]
- Tribe **Pimplini** Wesmael, 1845 [= Ephialtini and part of Theroniini of Townes; Gauld, 1991].
 Pimplae Wesmael, 1845: 6. Type-genus: *Pimpla* Fabricius *sensu* Gravenhorst. This became a correct identification on publication of Opinion 159 (International Commission on Zoological Nomenclature, 1945).
 Pimploinae Szépliget, 1908b: 74, 94. Incorrectly formed stem; unjustified emendation.
 Echthromorphides Morley, 1913: 33. Type-genus: *Echthromorpha* Holmgren.

[Ephialtini Cushman & Rohwer, 1920. Type-genus: *Ephialtes* Schrank. Cushman & Rohwer (1919) misidentified *Ephialtes* as a synonym of *Pimpla sensu* Opinion 159 (International Commission on Zoological Nomenclature, 1945) (Roman, 1932).
 The name is a junior homonym of Ephialtini Hellén, 1915.]

Theroniini Cushman & Rohwer, 1920: 389, 394. Type-genus: *Theronia* Holmgren.

[Apechtiina Hellén, 1940: 10. Invalid proposal based on *Apechthis* Thomson, an unjustified emendation of *Apechthis* Förster.]

Subfamily **POEMENIINAE** Narayanan & Lal, 1953 (1935) [part of Ephialtinae of Townes; Gauld, 1991].

1. Tribe **Poemeniini** Narayanan & Lal, 1953 (1935).

Calliclisini Seyrig, 1935: 5. Type-genus: (*Calliclisis* Förster) = *Poemenia* Holmgren.

Neoxoridini Clément, 1938: 506, 515. Type-genus: *Neoxorides* Clément.

[Eugaltini Townes, 1944: 18. Not available under Article 13 of the *Code*.

[Poememiini Townes & Townes, 1951: 198. Not available under Article 13 of the *Code*. Incorrect spelling.]

Poemeniini Narayanan & Kundan Lal, 1953: 324. Type-genus: *Poemenia* Holmgren. Using the argument of Fitton & Gauld (1976), Poemeniinae was proposed because of synonymy of *Calliclisis* with *Poemenia* and became generally accepted, and under sections (a) and (b) of Article 40 of the *Code* takes the date of Seyrig's name.

2. Tribe **Pseudorhyssini** Wahl & Gauld, 1998.

Pseudorhyssini Wahl & Gauld, 1998: 284. Type-genus: *Pseudorhyssa* Merrill.

3. Tribe **Rodrigamini** Wahl & Gauld, 1998.

Rodrigamini Wahl & Gauld, 1998: 284. Type-genus: *Rodrigama* Gauld.

Subfamily **RHYSSINAE** Morley, 1913 [part of Ephialtinae of Townes; Gauld, 1991].

Rhyssides Morley, 1913: 3. Type-genus: *Rhyssa* Gravenhorst.

Subfamily **STILBOPINAE** Townes & Townes, 1949 [part of Banchinae of Townes].

[Pantelina Hellén, 1940: 12. Not available under Article 13 of the *Code*.]

Stilbopini Townes & Townes, 1949: 323. Type-genus: *Stilbops* Förster.

Subfamily **SISYROLISTINAE**

Sisyrostolini Seyrig, 1932: 21, 109. Type-genus: (*Sisyrostolus* Kriechbaumer) = *Melandolius* Saussure.

Brachyscleromatinae Townes (*in*: Townes, Townes & Gupta, 1961: 422, 451). Type-genus: *Brachyscleroma* Cushman.

Subfamily **TATOGASTRINAE** Wahl, 1990 [part of Microleptinae of Townes; Wahl, 1990].

Tatogastrinae Wahl, 1990. Type-genus: *Tatogaster* Townes.

Subfamily **TERSILOCHINAE** Schmiedeknecht, 1910.

[Porizonoidae Förster, 1869. Type-genus: *Porizon* Fallén *sensu* Gravenhorst. *Porizon* was misinterpreted by Gravenhorst and subsequent authors as a tersilochine. The type-species (by monotypy) of *Porizon* Fallén was "*Ophion moderator* Fabricius", a misidentification by Fallén of the tersilochine *Probles rufipes* (Holmgren) (Horstmann, 1970). The valid type-species for *Porizon* Fallén is *Ichneumon moderator* Linnaeus, a campoplegine (Horstmann, 1970, 1971; Carlson, 1979). This case needs to be submitted to the ICZN for clarification (Article 35.4.1 of the *Code* (2000)).

Thersilochina Schmiedeknecht, 1910: 2052. Valid proposal based on *Thersilochus* Holmgren, an unjustified emendation of *Tersilochus* Holmgren (Article 35.4.1 of the *Code* (2000)).

Subfamily **TOWNESITINAE** Kasparyan, 1994: 86-87.

1. Tribe **Rasnitsynitini** Kasparyan, 1994.

Rasnitsynitini Kasparyan, 1994: 88. Type-genus: *Rasnitsynites* Kasparyan.

2. Tribe **Townesitini** Kasparyan, 1994

Townesitini Kasparyan, 1994: 91. Type-genus: *Townesites* Kasparyan.

Subfamily **TRYPHONINAE** Shuckard, 1840.

1. Tribe **Ankylophonini** Gauld, 1984

Ankylophonini Gauld, 1984. Type-genus: *Ankylophon* Gauld.

2. Tribe **Eclytini** Townes & Townes, 1945.

Eclytini Townes & Townes, 1945: 41, 42. Type-genus: *Eclytus* Holmgren.

3. Tribe **Exenterini** Förster, 1869 [= Ctenscini of Townes].
Exenteroidae Förster, 1869: 144, 194. Type-genus: *Exenterus* Hartig.
Cteniscina Woldstedt, 1877: 32. Type-genus: *Cteniscus* Haliday.
4. Tribe **Idiogrammatini** Cushman, 1942 (1895).
Lysiognathinae Ashmead, 1895: 277. Type-genus: (*Lysiognathus* Ashmead) = *Idiogramma* Förster.
Idiogrammatinae Cushman, 1942: 54. Type-genus: *Idiogramma* Förster. Idiogrammatini is retained under Article 40 (a) and (b) of the *Code* and takes the date of Ashmead's name.
5. Tribe **Oedemopsini** Woldstedt, 1877 [part of Eclytini of Townes].
Oedemopsina Woldstedt, 1877: 37. Type-genus: *Oedemopsis* Tschek
[Thymarides Thomson, 1883: 906. Type-genus: *Thymarus* Thomson. Invalid proposal based on an unjustified emendation of *Thymaris* Förster.]
Thymaridina Thomson; Schmiedeknecht, 1911: 2278. Corrected spelling -- Article 32 (c) & (d) of the *Code*.
6. Tribe **Phytodietini** Hellén, 1915.
[Paniscini Ashmead, 1900: 582. Type-genus: *Paniscus* Schrank. Ashmead misidentified the type-genus, which is a synonym of *Ophion* Fabricius.]
Phytodiaetini Hellén, 1915: 17, 49. Valid proposal based on *Phytodiaetus* Agassiz, a junior homonym and unjustified emendation of *Phytodietus* Gravenhorst (Article 35.4.1 of the *Code* (2000)).
Neteliini Townes, 1938: 168, 169, 174. Type-genus: *Netelia* Gray.
7. Tribe **Sphinctini** Förster, 1869.
Sphinctoidea Förster, 1869: 143, 170. Type-genus: *Sphinctus* Gravenhorst.
8. Tribe **Tryphonini** Shuckard, 1840.
Tryphonidae Shuckard, 1840: 186. Type-genus: *Tryphon* Fallén.
Polyblastina Schmiedeknecht, 1911: 2278. Type-genus: *Polyblastus* Hartig.
[Monoblastina Seyrig, 1935: 11, 12. Not available under Article 13 of the *Code*.]
Iborniini Seyrig, 1935: 32. Type-genus: *Ibornia* Seyrig.
[Grypocentrina Hellén, 1940: 18. Not available under Article 13 of the *Code*.]
[Boethini Townes, 1944: 18. Not available under Article 13 of the *Code*.]
Boethini Townes & Townes, 1949: 323, 324. Type-genus: *Boethus* Förster.
Grypocentrini Townes & Townes, 1949: 323, 324. Type-genus: *Grypocentrus* Ruthe.

- Subfamily **XORIDINAE** Shuckard, 1840.
Xorididae Shuckard, 1840: 186. Type-genus: *Xorides* Latreille.
Xylonomides Hellén, 1915: 10, 11. Type-genus: (*Xylonomus* Gravenhorst) = *Xorides* Latreille.
[Odontomerini Cushman & Rohwer, 1920: 391, 396. Invalid proposal based on *Odontomerus* Gravenhorst, junior homonym of *Odontomerus* Leach.]
[Ischnocerini Clément, 1938. Not available under Article 13 of the *Code*.]
[Odontocolini Šedivý, 1958: 97. Not available under Article 13 of the *Code*.]

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