

## Family EMPIDIDAE

Empididae, commonly called balloon flies or dance flies, are found worldwide, but are found most frequently in the northern temperate and montane regions. The family consists of over 3,000 species exhibiting a wide array of size and form. Both adults and larvae are predaceous on other insects. Adults of extant forms can be found on trees, in vegetation, or on the surface of water. Larval habitats range from aquatic to terrestrial and include such substrates as soil, leaf litter, dung, and rotten wood.

Members of this family are frequently found in amber inclusions and are one of the more generically diverse families represented in the fossil Diptera record. However, much undetermined material exists in collections awaiting description. In addition to the described species listed below, Langenheim *et al.* (1960) recorded a specimen from the Cretaceous amber deposits of coastal Alaska, and Kovalev (1986: 152–54) described and illustrated two undetermined forms from the Cretaceous deposits of western Mongolia. Jarzembowski (1979: 251) recorded the family from the Eocene/Oligocene Bembridge Marls Formations of the Isle of Wight, England, Fujiyama (1985: 43) described and illustrated a specimen from the Miocene deposits of Sado Island, Japan, Schumann & Wendt (1989: 42) recorded material from the Miocene Bitterfeld amber of Germany, and Hennig *in* Bachmayer & Schulz (1978: 114–19) described an unnamed hemerodromiine from the Miocene amber of Austria. An undetermined hybotine was recorded from the Eocene/Oligocene Hampstead Beds on the Isle of Wight by Jarzembowski (*in litt.*).

Legg (1942) mentioned undetermined Empididae from the Upper Cretaceous amber of Canada. Later, Hennig (1970: 10) determined some of this material as belonging to the Microphorinae and Zherichin (1978: 98) determined other of this material as belonging to the Ocydromiinae.

Carpenter (1992) and Grimaldi (1990) most recently listed empidid fossils. However, Grimaldi's list should be taken with caution as it lists the rhagionid genus *Zarzia* and the mythicomyiid genera *Procyrtosia* and *Proplatypygus* as empidoid fossils.

*Ref.*: Melander (1928, review of world genera).

### Genus APALOCNEMIS Philippi

\***APALOCNEMIS** Philippi, 1865: 752. Type species: *Apalocnemis obscura* Philippi, 1865, by monotypy.

\***TIMALPHES** Melander, 1928: 97. Type species: *Clinocera fumosa* Hutton, 1901, by original designation.

*auticornis* Loew, 1850b: 41 (*Gloma*). *Nomen nudum*.

**gracilis** Meunier, 1908*i*: 113 (*Brachystoma*). PA: Baltic Region (Eocene/Oligocene) [A]. **New combination.**  
*palpata* Loew, 1850*b*: 41 (*Gloma*). *Nomen nudum.*

#### Genus ARCHICHRYSOTUS Negrobov

**ARCHICHRYSOTUS** Negrobov, 1978: 84 (1979: 223). Type species: *Archichrysotus hennigi* Negrobov, 1978, by original designation.

**hennigi** Negrobov, 1978: 85 (1979: 224). PA: Russia (Siberia) (Upper Cretaceous) [A].

**minor** Negrobov, 1978: 86 (1979: 225). PA: Russia (Siberia) (Upper Cretaceous) [A].

#### Genus ARCHIPLATYPALPUS Kovalev

**ARCHIPLATYPALPUS** Kovalev, 1974: 84 (195). Type species: *Archiplatypalpus cretaceus* Kovalev, 1974, by original designation.

**cretaceus** Kovalev, 1974: 86 (197). PA: Russia (Siberia) (Upper Cretaceous) [A].

#### Genus BRACHYSTOMA Meigen

\***BRACHYSTOMA** Meigen, 1822: 12. Type species: *Syrphus vesiculosus* Fabricius, 1794, by subsequent designation of Blanchard (1840: 582).

[In the interests of stability of nomenclature and common usage, an earlier type designation by Westwood (1840: 132) of *Brachystoma longicornis* Meigen, which would make *Brachystoma* a senior synonym of *Trichopeza* Rondani, is here set aside. Application to the I.C.Z.N. to suppress Westwood's designation in favor of Blanchard's is necessary.]

*spinulosa* Loew, 1850*b*: 41. *Nomen nudum.*

*spirulosa* Meunier, 1899*e*: 178. *Nomen nudum.*

**vesiculosa** Fabricius, 1794: 299 (*Syrphus*). PA: Italy; Europe; PA: Baltic Region (Eocene/Oligocene) [A].

#### Genus CHELIFERA Macquart

\***CHELIFERA** Macquart, 1823: 150. Type species: *Chelifera raptor* Macquart, 1823 [= *Hemerodromia monostigma* Meigen, 1822], by monotypy.

**detestata** Meunier, 1908*i*: 103 (*Hemerodromia*). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus CHELIPODA Macquart**

- \***CHELIPODA** Macquart, 1823: 148. Type species: *Tachydromia mantispa* Panzer, 1806 [misidentification, = *Tachydromia vocatoria* Fallén, 1816], by original designation.
- \***PHYLLODROMIA** Zetterstedt, 1837: 31 (as *Hemerodromia* subgenus). Type species: *Empis melanocephala* Fabricius, 1794, by subsequent designation of Rondani (1856: 148).
- \***LEPIDOMYA** Bigot, 1857: 563. Type species: *Tachydromia mantispa* Panzer, 1806 [= *Empis melanocephala* Fabricius, 1794], by monotypy.
- \***LEPIDOMYIA** Bezzi, 1903: 271 (unjustified emendation of *Lepidomyia* Bigot). Type species: *Tachydromia mantispa* Panzer, 1806 [= *Empis melanocephala* Fabricius, 1794], automatic. [Preoccupied by Loew, 1864.]
- delicata** Meunier, 1908*i*: 105 (*Phyllodromia*). PA: Baltic Region (Eocene/Oligocene) [A].
- dolosa** Meunier, 1908*i*: 104 (*Phyllodromia*). PA: Baltic Region (Eocene/Oligocene) [A].
- vaga** Meunier, 1908*i*: 106 (*Lepidomyia*). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus CRETOMICROPHORUS Negrobov**

- CRETOMICROPHORUS** Negrobov, 1978: 82 (1979: 222). Type species: *Cretomicrophorus rohdendorfi* Negrobov, 1978, by original designation.
- JANTARDACHIA* Zherichin, 1978: 86. *Nomen nudum*.
- rohdendorfi** Negrobov, 1978: 83 (1979: 222). PA: Russia (Siberia) (Upper Cretaceous) [A].

**Genus CRETOPLATYPALPUS Kovalev**

- CRETOPLATYPALPUS** Kovalev, 1978: 72 (1979: 353). Type species: *Cretoplatypalpus archeus* Kovalev, 1978, by original designation.
- archeus** Kovalev, 1978: 72 (1979: 353). PA: Russia (Siberia) (Upper Cretaceous) [A].

**Genus DRAPETIELLA Meunier**

- DRAPETIELLA** Meunier, 1908*i*: 97. Type species: *Drapetiella definitum* Meunier, 1908, by monotypy.
- definitum** Meunier, 1908*i*: 97. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus DRAPETIS Meigen**

\***DRAPETIS** Meigen, 1822: 91. Type species: *Drapetis exilis* Meigen, 1822, by monotypy.

**brevis** Meunier, 1908i: 95. PA: Baltic Region (Eocene/Oligocene) [A].

**decolorata** Meunier, 1908i: 95. PA: Baltic Region (Eocene/Oligocene) [A].

**decoratum** Meunier, 1908i: 96. PA: Baltic Region (Eocene/Oligocene) [A].

**mortuum** Meunier, 1908i: 97. PA: Baltic Region (Eocene/Oligocene) [A].

**vitiosum** Meunier, 1908i: 96. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus DYSALETRIA Loew**

\***DYSALETRIA** Loew, 1864b: 30. Type species: *Dysaletria melanocephala* Loew, 1864 [= *Tachypeza atriceps* Boheman, 1852], by monotypy.

**diabolica** Meunier, 1908i: 100 (*Elaphropeza*). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus ECOMMOCYDROMIA Schlüter**

**ECCOMMOCYDROMIA** Schlüter, 1978b: 103. Type species: *Ecommocy-dromia difficilis* Schlüter, 1978, by monotypy.

**difficilis** Schlüter, 1978b: 103. PA: France (Upper Cretaceous) [A].

**Genus ELECTROCYRTOMA Cockerell**

**ELECTROCYRTOMA** Cockerell, 1917c: 22. Type species: *Electrocyrtoma burmanica* Cockerell, 1917, by monotypy.

**burmanicum** Cockerell, 1917c: 22. OR: Myanmar (Miocene) [A].  
*electrica*, error for *burmanicum* (Chvála, 1981: 233).

**Genus EMPIS Linnaeus**

\***EMPIS** Linnaeus, 1758: 603. Type species: *Empis pennipes* Linnaeus, 1758, by subsequent designation of Latreille (1810: 443).

**Subgenus ACALLOMYIA Melander**

\***ACALLOMYIA** Melander, 1928: 140 (as genus). Type species: *Iteaphila peregrina* Melander, 1902, by original designation.

**probolaea** Melander, 1949: 38. NE: USA (Oligocene) [C].

**Unplaced to Subgenus of EMPIS Linnaeus**

*arcuata* Keilbach, 1982: 368. *Nomen nudum*.

- bulbirostris* Meunier, 1899e: 178. *Nomen nudum*.  
**carbonum** Germar, 1837: pl. 21. PA: Germany (Miocene) [C].  
*externa* Keilbach, 1982: 366. *Nomen nudum*.  
**florissantana** Cockerell, 1915a: 645. NE: USA (Oligocene) [C].  
**infossa** Melander, 1949: 39. NE: USA (Oligocene) [C].  
**inscita** Meunier, 1908i: 121. PA: Baltic Region (Eocene/Oligocene) [A].  
*longipes* Keilbach, 1982: 366. *Nomen nudum*. [Preoccupied by Meigen, 1804.]  
**macilenta** Meunier, 1908i: 121 (*Hilara*). PA: Baltic Region (Eocene/Oligocene) [A].  
**macrophthalma** Förster, 1891: 482. PA: Germany (Oligocene) [C].  
**mala** Meunier, 1908i: 123. PA: Baltic Region (Eocene/Oligocene) [A].  
**malefica** Meunier, 1908i: 122. PA: Baltic Region (Eocene/Oligocene) [A].  
**melia** Heyden, 1870: 259. PA: Germany (Oligocene) [C].  
**miocenica** Cockerell, 1915a: 645. NE: USA (Oligocene) [C].  
**mordax** Meunier, 1908i: 123. PA: Baltic Region (Eocene/Oligocene) [A].  
**morosella** Melander, 1928: 164 (new replacement name for *morosa* Meunier).  
 PA: Baltic Region (Eocene/Oligocene) [A].  
*morosa* Meunier, 1908i: 125. PA: Baltic Region (Eocene/Oligocene) [A].  
 [Preoccupied by Meigen, 1822.]  
**orapaensis** Waters, 1989a: 235. AF: Botswana (Upper Cretaceous) [C].  
**perdita** Cockerell, 1916c: 92. NE: USA (Oligocene) [C].  
**personata** Meunier, 1908i: 122. PA: Baltic Region (Eocene/Oligocene) [A].  
**poepigi** Giebel, 1856: 207. PA: Baltic Region (Eocene/Oligocene) [A].  
**pulvillata** Loew, 1850b: 41. PA: Baltic Region (Eocene/Oligocene) [A].  
*simplex* Keilbach, 1982: 366. *Nomen nudum*.  
*spinifera* Statz, 1940: 132. PA: Germany (Oligocene) [A]. [Preoccupied by  
 Bezzi, 1909; no new replacement name proposed here.]  
*spinitarsis* Keilbach, 1982: 366. *Nomen nudum*.  
*stilicornis* Meunier, 1899e: 178. *Nomen nudum*.  
*tibialis* Meunier, 1899e: 178. *Nomen nudum*.  
**tritava** Melander, 1928: 176 (new replacement name for *tristis* Meunier). PA:  
 Baltic Region (Eocene/Oligocene) [A].  
*tristis* Meunier, 1908i: 124. PA: Baltic Region (Eocene/Oligocene) [A].  
 [Preoccupied by Loew, 1867.]  
*tumidirostris* Keilbach, 1982: 366. *Nomen nudum*.  
**umbonata** Statz, 1940: 133. PA: Germany (Oligocene) [C].

### Genus EUHYBUS Coquillett

\***EUHYBUS** Coquillett, 1895: 437. Type species: *Hybos purpureus* Walker, 1849, by subsequent designation of Coquillett (1903: 250).

Unidentified sp.—PA: Baltic Region (Eocene/Oligocene) [A] (Hennig, 1973: 46).

**Genus EUTHYNEURIELLA Meunier**

**EUTHYNEURIELLA** Meunier, 1908*i*: 112. Type species: *Euthyneuriella longirostris* Meunier, 1908, by monotypy.

**longirostris** Meunier, 1908*i*: 113. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus GLOMA Meigen**

\***GLOMA** Meigen, 1822: 14. Type species: *Gloma fuscipennis* Meigen, 1822, by monotypy.

*fuscipennis* Loew, 1850*b*: 41. *Nomen nudum*.

**hirta** Loew, 1850*b*: 41. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus HEMERODROMIA Meigen**

\***HEMERODROMIA** Meigen, 1822: 61. Type species: *Tachydromia oratoria* Fallén, 1815, by subsequent designation of Rondani (1856: 148).

[Suspension of I.C.Z.N. rules required to validate Rondani's type designation, and to set aside earlier type designations by Westwood (1840: 132) and Duponchel *in d'Orbigny* (1845: 528) in the interests of stability and common usage. See Melander (1928: 252) and Collin (1961: 715).]

*praedatrix* Keilbach, 1982: 372. *Nomen nudum*.

*raptatrix* Keilbach, 1982: 372. *Nomen nudum*.

Unidentified sp.—PA: Baltic Region (Eocene/Oligocene) [A] (Loew, 1850*b*: 41).

**Genus HILARA Meigen**

\***HILARA** Meigen, 1822: 1. Type species: *Empis maura* Fabricius, 1777, by subsequent designation of Curtis (1826: pl. 130).

*exilis* Meunier, 1908*i*: 121 (*Empis*). PA: Baltic Region (Eocene/Oligocene) [A]. [Preoccupied by Coquillett, 1903; no new replacement name proposed here.]

**heeri** Meunier, 1915*b*: 12. PA: France (Oligocene) [C].

**litigiosa** Meunier, 1908*i*: 120. PA: Baltic Region (Eocene/Oligocene) [A].

**royoi** Gil Collado, 1926: 98. PA: Spain (Paleocene/Pliocene) [C].

**tarda** Meunier, 1908*i*: 120. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus HILARITES Heer**

**HILARITES** Heer, 1856: 38. Type species: *Hilarites bellus* Heer, 1856, by monotypy.

**bellus** Heer, 1856: 38. PA: France (Oligocene) [C].

**Genus HYBOS Meigen**

\***NEOZA** Meigen, 1800: 27. Suppressed by I.C.Z.N. (1963: 339).

\***HYBOS** Meigen, 1803: 269. Type species: *Hybos funebris* Meigen, 1804 [= *Musca grossipes* Linnaeus, 1767], by subsequent designation of Curtis (1837: pl. 661).

**exilis** Meunier, 1908*i*: 109. PA: Baltic Region (Eocene/Oligocene) [A].

**minutus** Keilbach, 1982: 369. *Nomen nudum*.

**tenuis** Meunier, 1908*i*: 109. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus LEPTOPEZA Macquart**

\***LEMTOPEZA** Macquart, 1827: 143. Type species: *Ocydromia flavipes* Meigen, 1820 [= *Ocydromia ruficollis* Meigen, 1820], by monotypy.

\***LEPTOPEZA**. Incorrect subsequent spelling of *Lemtopeza* (Macquart, 1834: 320).

\***LEPTOPEZA** Scudder, 1882: 182 (unjustified emendation of *Lemtopeza*). Type species: Type species: *Ocydromia flavipes* Meigen, 1820 [= *Ocydromia ruficollis* Meigen, 1820], automatic.

[Though traditionally recorded as such, Macquart did not provide a true emendation from *Lemtopeza* to *Leptopeza* in his 1834 work according to Article 33(b) of the *Code*. *Lemtopeza* is not an incorrect original spelling according to Article 32(c) of the *Code* and should be treated as the correct orthography for this genus. However, following established usage and in order to maintain stability, *Leptopeza* is used here as the accepted orthography for this genus.]

**clavipes** Loew, 1850*b*: 41. PA: Baltic Region (Eocene/Oligocene) [A].

**concinna** Meunier, 1908*i*: 110. PA: Baltic Region (Eocene/Oligocene) [A].

**spinigera** Meunier, 1899*e*: 178. *Nomen nudum*.

**Genus LOCHMOCOLA Hong**

**LOCHMOCOLA** Hong, 1981: 97. Type species: *Lochmocola osterosa* Hong, 1981, by original designation.

**LOMOCOLA**. Incorrect original spelling of *Lochmocola* (Hong, 1981: 20).

**osterosa** Hong, 1981: 97. PA: China (Eocene) [A].

**Genus MEGHYPERIELLA Meunier**

**MEGHYPERIELLA** Meunier, 1908*i*: 112. Type species: *Meghyperiella porphyropsoides* Meunier, 1908, by monotypy.

**porphyropsoides** Meunier, 1908*i*: 112. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus MICREMPIS Melander**

\***MICREMPIS** Melander, 1928: 298. Type species: *Micrempis nana* Melander, 1928, by original designation.

**eocenica** Meunier, 1908*i*: 97 (*Phoneutisca*). PA: Baltic Region (Eocene/Oligocene) [A].

**suspiciosa** Meunier, 1908*i*: 98 (*Phoneutisca*). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus MICROPHOR Macquart**

\***MICROPHOR** Macquart, 1827: 139. Type species: *Microphor velutinus* Macquart, 1827, by subsequent designation of Rondani (1856: 151).

\***MICROPHORUS**. Incorrect subsequent spelling of *Microphor* (Macquart, 1834: 345).

\***MICROPHORA** Zetterstedt, 1842: 24 (unjustified emendation of *Microphorus* Macquart). Type species: *Microphor velutinus* Macquart, 1827, automatic.

**defunctus** Handlirsch, 1910: 124. NE: Canada (Oligocene) [C].

**eocenica** Meunier, 1902*d*: 402 (*Rhamphomyia*). PA: Baltic Region (Eocene/Oligocene) [A].

**rusticus** Meunier, 1908*i*: 105 (*Phyllodromia*). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus MICROPHORITES Hennig**

**MICROPHORITES** Hennig, 1971*b*: 16. Type species: *Microphorites extinctus* Hennig, 1971, by monotypy.

**extinctus** Hennig, 1971*b*: 16. PA: Lebanon (Lower Cretaceous) [A].



**Genus OEDALEA Meigen**

\***OEDALEA** Meigen, 1820: 355. Type species: *Empis hybotina* Fallén, 1816, by subsequent designation of Thon *in* Ersch & Gruber (1832: 38).

**putida** Meunier, 1908*i*: 126 (*Microphorus*). PA: Baltic Region (Eocene/Oligocene) [A].

**robusta** Meunier, 1908*i*: 110. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus OUSTALETIMYIA Meunier**

**OUSTALETIMYIA** Meunier, 1893*c*: cccxxxiii (1894*b*: cccxxxiii). Type species: *Oustaletimyia succinorum* Meunier, 1893, by monotypy.

**succinorum** Meunier, 1893*c*: cccxxxiii (1894*b*: cccxxxiii). PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PALAEOEDALEA Meunier**

**PALAEOEDALEA** Meunier, 1902*a*: 101. Type species: *Palaeoedalea samlandica* Meunier, 1902, by monotypy.

**samlandica** Meunier, 1902*a*: 101. PA: Baltic Region (Eocene/Oligocene) [A].  
*elegans* Meunier, 1902*a*: fig. 5. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PALAEOLEPTOPEZA Meunier**

**PALAEOLEPTOPEZA** Meunier, 1908*i*: 111. Type species: *Palaeoleptopeza gracilis* Meunier, 1908, by monotypy.

**gracilis** Meunier, 1908*i*: 111. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PALAEOPARAMESIA Meunier**

**PALAEOPARAMESIA** Meunier, 1902*a*: 98. Type species: *Palaeoparamesia proosti* Meunier, 1902, by monotypy.

**proosti** Meunier, 1902*a*: 99. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PARATHALASSIELLA Meunier**

**PARATHALASSIELLA** Meunier, 1908*i*: 106. Type species: *Parathalassiella problematica* Meunier, 1908, by monotypy.

**problematica** Meunier, 1908*i*: 106. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PLATYPALPUS Macquart**

\***PLATYPALPUS** Macquart, 1827: 92. Type species: *Musca cursitans* Fabricius, 1775, by subsequent designation of Westwood (1840: 132).

**concitatus** Meunier, 1908*i*: 100. PA: Baltic Region (Eocene/Oligocene) [A].

**eversoris** Meunier, 1908*i*: 102. PA: Baltic Region (Eocene/Oligocene) [A].

**interfactoris** Meunier, 1908*i*: 102. PA: Baltic Region (Eocene/Oligocene) [A].

**predatoris** Meunier, 1908*i*: 101. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PROGLOMA James**

**PROGLOMA** James, 1937: 247. Type species: *Progloma rohweri* James, 1937, by original designation.

**rohweri** James, 1937: 247. NE: USA (Oligocene) [C].

**Genus PROTOEDALEA Cockerell**

**PROTOEDALEA** Cockerell, 1920*a*: 252. Type species: *Protoedalea brachystoma* Cockerell, 1920, by original designation.

**brachystoma** Cockerell, 1920*a*: 252. NE: USA (Eocene) [C].

**Genus PSEUDOACARTERUS Waters**

**PSEUDOACARTERUS** Waters, 1989*b*: 658. Type species: *Pseudoacarterus orapaensis* Waters, 1989, by original designation.

**orapaensis** Waters, 1989*b*: 658. AF: Botswana (Upper Cretaceous) [C].

**Genus RAGAS Walker**

\***RAGAS** Walker, 1837: 229. Type species: *Ragas unica* Walker, 1837, by monotypy.

\***RHAGAS** Agassiz, 1846: 320 (unjustified emendation of *Ragas* Walker). Type species: *Ragas unica* Walker, 1837, automatic.

**generosa** Meunier, 1908*i*: 125. PA: Baltic Region (Eocene/Oligocene) [A].

## Genus RHAMPHOMYIA Meigen

- \***RHAMPHOMYIA** Meigen, 1822: 42. Type species: *Empis marginata* Fabricius, 1787, by subsequent designation of Guérin-Ménéville in Bory de Saint-Vincent (1828: 547).
- ablata** Meunier, 1908*i*: 114. PA: Baltic Region (Eocene/Oligocene) [A].
- aeterna** Melander, 1949: 40. NE: USA (Oligocene) [C].
- angusta** Meunier, 1908*i*: 119. PA: Baltic Region (Eocene/Oligocene) [A].
- antipedalis** Loew, 1850*b*: 41. *Nomen nudum*.
- brevipila** Keilbach, 1982: 367. *Nomen nudum*.
- calvimontis** Cockerell, 1916*a*: 123. NE: USA (Oligocene) [C].
- corrupta** Meunier, 1908*i*: 114. PA: Baltic Region (Eocene/Oligocene) [A].
- craterae** Melander, 1949: 40. NE: USA (Oligocene) [C].
- crinitarsis** Loew, 1850*b*: 41. PA: Baltic Region (Eocene/Oligocene) [A].
- distans** Loew, 1850*b*: 41. PA: Baltic Region (Eocene/Oligocene) [A].
- enena** Cockerell, 1921*b*: 30. NE: USA (Eocene) [C].
- errabunda** Meunier, 1908*i*: 117. PA: Baltic Region (Eocene/Oligocene) [A].
- formosa** Loew, 1850*b*: 41. *Nomen nudum*.
- fossa** Melander, 1949: 41. NE: USA (Oligocene) [C].
- fulvescens** Statz, 1940: 133. PA: Germany (Oligocene) [C].
- hypolitha** Cockerell, 1917*b*: 378. NE: USA (Oligocene) [C].
- inanimata** Melander, 1949: 41. NE: USA (Oligocene) [C].
- infernalis** Melander, 1949: 42. NE: USA (Oligocene) [C].
- insolita** Meunier, 1908*i*: 118. PA: Baltic Region (Eocene/Oligocene) [A].
- involuta** Melander, 1949: 43. NE: USA (Oligocene) [C].
- involuta** Meunier, 1908*i*: 115. PA: Baltic Region (Eocene/Oligocene) [A].
- latipennata** Statz, 1940: 134. PA: Germany (Oligocene) [C].
- media** Meunier, 1908*i*: 119. PA: Baltic Region (Eocene/Oligocene) [A].
- morticina** Melander, 1949: 43. NE: USA (Oligocene) [C].
- obtusa** Meunier, 1908*i*: 118. PA: Baltic Region (Eocene/Oligocene) [A].
- oedaloides** Meunier, 1908*i*: 117. PA: Baltic Region (Eocene/Oligocene) [A].
- polymorpha** Meunier, 1899*e*: 178. PA: Baltic Region (Eocene/Oligocene) [A].
- porrecta** Meunier, 1908*i*: 117. PA: Baltic Region (Eocene/Oligocene) [A].
- ptero** Loew, 1850*b*: 41. *Nomen nudum*.
- ptilopa** Loew, 1850*b*: 41. *Nomen nudum*.
- remitarsis** Loew, 1850*b*: 41. *Nomen nudum*.
- rottensis** Statz, 1940: 135. PA: Germany (Oligocene) [C].
- senecta** Melander, 1949: 44. NE: USA (Oligocene) [C].
- sepulta** Cockerell, 1916*a*: 123. NE: USA (Oligocene) [C].
- setosa** Keilbach, 1982: 366. *Nomen nudum*. [Preoccupied by Coquillett, 1895.]
- spodites** Melander, 1949: 44. NE: USA (Oligocene) [C].
- tenuicornis** Keilbach, 1982: 366. *Nomen nudum*.
- tumulata** Melander, 1949: 45. NE: USA (Oligocene) [C].
- ungulina** Loew, 1850*b*: 41. PA: Baltic Region (Eocene/Oligocene) [A].
- unipile** Keilbach, 1982: 367. *Nomen nudum*.

**Genus STILPON Loew**

\***AGATACHYS** Meigen, 1830: 343. Type species: *Tachydromia celeripes* Meigen, 1830, by monotypy.

[Proposed in specific synonymy. Made available by use as a senior synonym of *Stilpon* by Coquillett (1910: 504). In accordance with stability of nomenclature and common usage, the name *Stilpon* is used here, though *Agatachys* has priority. Action by the I.C.Z.N. to suppress *Agatachys* in favor of *Stilpon* is desirable.]

\***STILPON** Loew, 1859: 34 (as *Drapetis* subgenus). Type species: *Tachydromia graminum* Fallén, 1815, by subsequent designation of Loew (1864*b*: 5).

Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Cumming & Cooper, 1992: 956).

**Genus SYMBALLOPHTHALMUS Becker**

\***MACROPTERA** Becker, 1889*a*: 80. Type species: *Macroptera pictipes* Becker, 1889, by monotypy. [Preoccupied by Lioy, 1863.]

\***SYMBALLOPHTHALMUS** Becker, 1889*b*: 285 (new replacement name for *Macroptera* Becker). Type species: *Macroptera pictipes* Becker, 1889, automatic.

**clavilabrosus** Hong, 1981: 48. PA: China (Eocene) [A].

**Genus TACHYDROMIA Meigen**

\***TACHYDROMIA** Meigen, 1803: 269. Type species: *Musca cimicoides* Fabricius, 1779 [misidentification, = *Tachydromia connexa* Meigen, 1822], by subsequent designation of Curtis (1833: pl. 477).

**Subgenus TACHYPONA Keilbach**

**TACHYPONA** Keilbach, 1982: 371. Type species: *Tachydromia postposita* Keilbach, 1982, by monotypy.

[Validated by bibliographic reference to characters in Loew (1850*b*: 42).]

**postposita** Keilbach, 1982: 371. PA: Baltic Region (Eocene/Oligocene) [A].

[Validated by bibliographic reference to characters in Loew (1850*b*: 42).]

**Unplaced to Subgenus of TACHYDROMIA Meigen**

**egelata** Meunier, 1908*i*: 98. PA: Baltic Region (Eocene/Oligocene) [A].

**theobaldi** Timon-David, 1944: 128. PA: France (Oligocene) [C].

**voracis** Meunier, 1908*i*: 99. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus TACHPYEZA Meigen**

\***TACHPYEZA** Meigen, 1830: 341. Type species: *Tachydromia nervosa* Meigen, 1822 [= *Tachydromia nubila* Meigen, 1804], by subsequent designation of Rondani (1856: 147).

**primitiva** Melander, 1949: 45. NE: USA (Oligocene) [C].

**Genus THIRZA Giebel**

**THIRZA** Giebel, 1856: 209. Type species: *Thirza naumanni* Giebel, 1856, by monotypy.

**naumanni** Giebel, 1856: 210. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus TRICHINITES Hennig**

**TRICHINITES** Hennig, 1970: 7. Type species: *Trichinites cretaceus* Hennig, 1970, by monotypy.

**cretaceus** Hennig, 1970: 7. PA: Lebanon (Lower Cretaceous) [A].

**Genus TRICHOPEZA Rondani**

\***TRICHOPEZA** Rondani, 1856: 150. Type species: *Brachystoma longicornis* Meigen, 1822, by original designation.

**TRICHOPEZA**. Incorrect original spelling of *Trichopeza* (Rondani, 1856: 225).

**sucina** Melander, 1928: 220 (new replacement name for *longicornis* Meunier). PA: Baltic Region (Eocene/Oligocene) [A].

*longicornis* Meunier, 1908i: 108. PA: Baltic Region (Eocene/Oligocene) [A]. [Preoccupied by Meigen, 1822.]

**Unplaced Species in EMPIDIDAE**

**stilpon** Meunier, 1899e: 178–79 (*Tachydromia*). PA: Baltic Region (Eocene/Oligocene) [A].

**Questionably Placed in EMPIDIDAE****Genus BURMITEMPIS Cockerell**

**BURMITEMPIS** Cockerell, 1917f: 367. Type species: *Burmitempis halteralis* Cockerell, 1917, by monotypy.

**halteralis** Cockerell, 1917f: 367. OR: Myanmar (Miocene) [A].

**Genus EMPIDIA Weyenbergh**

**EMPIDIA** Weyenbergh, 1869: 258. Type species: *Empidia wulpi* Weyenbergh, 1869, by monotypy.

**wulpi** Weyenbergh, 1869: 258. PA: Germany (Upper Jurassic) [C].

**Genus HASMONA Giebel**

**HASMONA** Giebel, 1856: 208. Type species: *Hasmona leo* Giebel, 1856, by monotypy.

**leo** Giebel, 1856: 209. PA: UK (England) (Upper Jurassic) [C].

**Genus RETINITUS Negrobov**

**RETINITUS** Negrobov, 1978: 86 (1979: 225). Type species: *Retinitus nervosus* Negrobov, 1978, by original designation.

**nervosus** Negrobov, 1978: 87 (1979: 226). PA: Russia (Siberia) (Upper Cretaceous) [A].