

## Unplaced NEMATOCERA

The taxa listed below could not be placed with certainty in any existing family, but have characters consistent with nematocerous flies. It is strongly recommended that type specimens of all the taxa listed here be reexamined to determine their placement within the Diptera.

In addition to the described taxa listed below, an undescribed and unplaced specimen of Culicomorpha from the Jurassic Solnhofen Formation of Germany was recorded and pictured by Ponomarenko (1985: 137, 140), material from the Eocene Arkansas amber were recorded by Saunders *et al.* (1974: 983), and numerous specimens of nematocerous larvae, pupae, and adults are recorded and figured from the Cretaceous limestone deposits of Nagpur, India by George (1952). The last records appear to be Chironomidae, but any conclusion as to familial placement can only be made after restudy of the fossils.

### Genus AMBLYLEXIS Bode

**AMBLYLEXIS** Bode, 1953: 330. Type species: *Amblylexis gibberata* Bode, 1953, by monotypy.

**gibberata** Bode, 1953: 330. PA: Germany (Lower Jurassic) [C].

### Genus APISTOGRYPOTES Bode

**APISTOGRYPOTES** Bode, 1953: 329. Type species: *Apistogrypotes inflexa* Bode, 1953, by monotypy.

**inflexa** Bode, 1953: 329. PA: Germany (Lower Jurassic) [C].

### Genus BODEPHORA Evenhuis, new name

**CORMOPHORA** Bode, 1953: 329. Type species: *Cormophora arucaiformis* Bode, 1953, by monotypy. [Preoccupied by Agassiz, 1846.] **New synonymy.**

**BODEPHORA** Evenhuis, 1994: in this work (**new replacement name** for *Cormophora* Bode). Type species: *Cormophora arucaiformis* Bode, 1953, automatic.

**arucaiformis** Bode, 1953: 329 (*Cormophora*). PA: Germany (Lower Jurassic) [C]. **New combination.**

**Genus CYRTOMIDES Bode**

**CYRTOMIDES** Bode, 1953: 329. Type species: *Cyrtomides maculatus* Bode, 1953, by monotypy.

**maculatus** Bode, 1953: 329. PA: Germany (Lower Jurassic) [C].

**Genus ELASMOSCOLEX Bode**

**ELASMOSCOLEX** Bode, 1953: 334. Type species: *Elasmoscolex hamatus* Bode, 1953, by monotypy.

**hamatus** Bode, 1953: 334. PA: Germany (Lower Jurassic) [C].

**Genus ELLIPIBODUS Evenhuis, new name**

**ELLIPES** Bode, 1953: 328. Type species: *Ellipes laesa* Bode, 1953, by monotypy. [Preoccupied by Scudder, 1902.] **New synonymy.**

**ELLIPIBODUS** Evenhuis, 1994: in this work (**new replacement name** for *Ellipes* Bode). Type species: *Ellipes laesa* Bode, 1953, automatic.

**laesa** Bode, 1953: 328 (*Ellipes*). PA: Germany (Lower Jurassic) [C]. **New combination.**

**Genus ENTRADICHNUS Ekdale & Picard**

**ENTRADICHNUS** Ekdale & Picard, 1985: 8. Type species: *Entradichnus meniscus* Ekdale & Picard, 1985, by original designation.

**meniscus** Ekdale & Picard, 1985: 8. NE: USA (Middle Jurassic) [T].

**Genus EOCULEX Frič**

**EOCULEX** Frič, 1905: 3. Unavailable name; genus-group name proposed before 1931 without diagnosis, indication or description.

**priscus** Frič, 1905: 3. *Nomen nudum*.

**Genus HOMEOPTYCHOPTERIS Bode**

**HOMEOPTYCHOPTERIS** Bode, 1953: 317. Type species: *Homoeoptychopteris incerta* Bode, 1953, by original designation.

**incerta** Bode, 1953: 317. PA: Germany (Lower Jurassic) [C].

**Genus HONGOCALONEURA Evenhuis, new name**

**CALONEURA** Hong, 1981: 91. Type species *Caloneura plectilis* Hong, 1981, by original designation. [Preoccupied by Handlirsch, 1906.] **New synonymy.**

**HONGOCALONEURA** Evenhuis, 1994: in this work (**new replacement name** for *Caloneura* Hong). Type species: *Caloneura plectilis* Hong, 1981, automatic.

**plectilis** Hong, 1981: 91 (*Caloneura*). PA: China (Eocene) [A]. **New combination.**

*pletilis*. Incorrect original spelling of *plectilis* (Hong, 1981: 94, fig. 97).

**Genus HYPERPOLYNEURA Rohdendorf**

**HYPERPOLYNEURA** Rohdendorf, 1961: 95. Type species: *Hyperpolyneura phryganeoides* Rohdendorf, 1961, by original designation.

**phryganeoides** Rohdendorf, 1961: 95. PA: Kirghizistan (Lower Jurassic) [C].

**Genus LIAUNINGIUS Hong**

**LIAUNINGIUS** Hong, 1982: 167. Type species: *Chironomaptera robusta* Lin, 1976, by original designation.

**LIAONINGIUS** Zhang, 1989b: 355 (unjustified emendation of *Liauningius* Hong). Type species: *Chironomaptera robusta* Lin, 1976, automatic.

**robusta** Lin, 1976: 146 (*Chironomaptera*). PA: Mongolia (Upper Jurassic/Lower Cretaceous) [C].

**Genus PALAEOERIOPTERA Meunier**

**PALAEOERIOPTERA** Meunier, 1899f: 359. Type species: *Palaeoerioptera meunieri* Evenhuis, 1993, by **present designation**.

[*Palaeoerioptera* originally proposed without included species. The type designated is from the first included named species within the

genus in accordance with the *Code* and validated by bibliographic reference to characters given in Meunier (1899f: 359) for the genus *Palaeoerioptera*.]

**meunieri** Evenhuis, 1994: in this work (**new species**). PA: Baltic Region (Eocene/Oligocene) [A].

[Species-group name validated by bibliographic reference to characters given in Meunier (1899f: 359 for the genus *Palaeoerioptera*.)]

### Genus PARADICTYODIPTERA Rohdendorf

**PARADICTYODIPTERA** Rohdendorf, 1961: 903. Type species: *Paradictyodiptera trianalis* Rohdendorf, 1961, by original designation.

**trianalis** Rohdendorf, 1961: 93. PA: Kirghizistan (Lower Jurassic) [C].

### Genus PLATYPLECIA Hong

**PLATYPLECIA** Hong, 1983: 118. Type species: *Platyplectia suni* Hong, 1983, by original designation.

**parva** Hong, 1983: 118. PA: China (Middle Jurassic) [C].

**sun**i Hong, 1983: 118. PA: China (Middle Jurassic) [C].

### Genus PSEUDOSIMULIUM Handlirsch

**PSEUDOSIMULIUM** Handlirsch, 1906a: 630. Type species: *Simulium humidum* Westwood, 1845 (as "*humidum* Brodie"), by monotypy.

**humidum** Westwood in Brodie, 1845: 121, pl. 3, fig. 8 (*Simulium*). PA: UK (England) (Lower Cretaceous) [C].

### Genus RAPTATORES Hong

**RAPTATORES** Hong, 1983: 207. Type species: *Raptatores erraticus* Hong, 1983, by original designation.

**RATATORES**. Incorrect original spelling of *Raptatores* (Hong, 1983: 207).

**erraticus** Hong, 1983: 209. PA: China (Middle Jurassic) [C].

**Genus SAMA Giebel**

**SAMA** Giebel, 1856: 238. Type species: *Macrocera rustica* Westwood, 1845, by monotypy.

**rustica** Westwood in Brodie, 1845: pl. 3, fig. 13 (*Macrocera*). PA: UK (England) (Lower Cretaceous) [C].

**Genus SPHALLONYMPHITES Bode**

**SPHALLONYMPHITES** Bode, 1953: 330. Type species: *Sphallonymphites decurtatus* Bode, 1953, by monotypy.

**decurtatus** Bode, 1953: 330. PA: Germany (Lower Jurassic) [C].

**Genus VENAPAUZIA Evenhuis, new name**

**PAUCIVENA** Lin, 1976: 111. Type species: *Paucivena elongata* Lin, 1976, by original designation. [Preoccupied by Davis, 1975.] **New synonymy.**

**PAUCIRENA**. Incorrect original spelling of *Paucivena* (Lin, 1976: 98).

**VENAPAUZIA** Evenhuis, 1994: in this work (**new replacement name** for *Paucivena* Lin). Type species: *Paucivena elongata* Lin, 1976, automatic.

**elongata** Lin, 1976: 112 (*Paucivena*). PA: China (Upper Jurassic) [C]; PA: China (Middle Jurassic) [C]. **New combination.**

*elongeta*. Incorrect original spelling of *elongata* (Lin, 1976: pl. 1, fig. 12).

**Unplaced Species of NEMATOCERA**

**indistinctus** Rohdendorf, 1946: 80 (*Fungivorites*). PA: Kazakhstan (Upper Jurassic) [C].

**ninae** Kovalev, 1990: 171 ("Sciophilites"). PA: Russia (Siberia) (Upper Jurassic) [C].

**occultata** Scudder, 1877a: 753 (*Mycetophila*). NE: USA (Eocene) [C].

**problematicum** Statz, 1944a: 85 (*Fungivorites*). PA: Germany (Oligocene) [C].