

## Family PHORIDAE

The family Phoridae is found worldwide. Adults of extant forms are commonly found around decaying vegetable matter or around the nests of termites, ants, or bees. Larvae are either scavengers or parasitic on other insects. About 2,500 extant species in more than 230 genera are known. Over seventy species in 22 genera are known as fossils.

In addition to the determined forms listed below, Schumann & Wendt (1989: 42) recorded undetermined material from the Miocene Bitterfeld amber of Germany.

Three genera, *Eosciadocera*, *Sciadophora*, and *Prioriphora*, were originally thought to be sciadocerids. Reevaluation of the characters exhibited by these genera show that they are phorids and not sciadocerids. This view is supported by Brown's (1992) review and phylogenetic classification of the genera of Phoridae, Sciadoceridae, and Ironomyiidae. However, Disney (1985) preferred to keep *Sciadophora* and *Prioriphora* in Sciadoceridae.

The genus *Palaeophora* Rohdendorf, originally described in Phoridae and later removed to its own family, is listed in this catalog under Unplaced Brachycera.

Ref.: Borgmeier (1968, world catalog); Brown (1992, review and classification of phorid genera).

### Genus ANEVRINA Lioy

\***ANEVRINA** Lioy, 1864: 77. Type species: *Phora urbana* Meigen, 1830, by subsequent designation of Coquillett (1910: 506).

**ANEURINA** Kertész, 1910: 388 (unjustified emendation of *Anevrina* Lioy).

Type species: *Phora urbana* Meigen, 1830, automatic.

**oligocoenica** Brues, 1939: 417. PA: Baltic Region (Eocene/Oligocene) [A]. *oligocoenica*. Incorrect original spelling of *oligocoenica* (Brues, 1939: 418).

**Genus ANTIPODOPHORA Schmitz**

- \***ANTIPODOPHORA** Schmitz, 1939: 55 (as *Abaristophora* Schmitz subgenus).  
Type species: *Abaristophora tonnoiri* Schmitz, 1939, by original designation.

Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Brown, 1992: 33).

**Genus APOCEPHALUS Coquillett**

- \***APOCEPHALUS** Coquillett in Pergande, 1901: 501. Type species: *Apocephalus pergandei* Coquillett, 1901, by original designation.

Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Brown, 1992: 82).

**Genus CHAETOPLEUROPHORA Schmitz**

- \***CHAETOPLEUROPHORA** Schmitz, 1922: 131. Type species: *Phora erythronota* Strobl, 1892, by subsequent designation of Schmitz (1927: 31).

**electra** Brues, 1939: 419 (*Chaetocnemistoptera*). PA: Baltic Region (Eocene/Oligocene) [A].

**gastracanthoidis** Hong, 1981: 119. PA: China (Eocene) [A].  
*gastracanthoidas*. Incorrect original spelling of *gastracanthoidis* (Hong, 1981: 123).

**laminarum** Brues, 1908: 275 (*Phora*). NE: USA (Oligocene) [C].

**longispina** Hong, 1981: 127. PA: China (Eocene) [A].

**sinica** Hong, 1981: 124. PA: China (Eocene) [A].

**Genus CONICERA Meigen**

- \***CONICERA** Meigen, 1830: 226. Type species: *Conicera atra* Meigen, 1830 [= *Phora dauci* Meigen, 1830], by monotypy.

**eocenica** Meunier, 1910d: 78. PA: Baltic Region (Eocene/Oligocene) [A].

Genus **DIPLONEVRA** Lioy

- \***DIPLONEVRA** Lioy, 1864: 77. Type species: *Bibio florea* Fabricius, 1794, by subsequent designation of Enderlein (1924: 272).  
**DIPLONEURA** Scudder, 1882: 110 (unjustified emendation of *Diplonevra* Lioy).  
 Type species: *Bibio florea* Fabricius, 1794, automatic.
- abducta** Meunier, 1910d: 86 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**ablata** Meunier, 1910d: 87 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**alaceris** Meunier, 1910d: 83 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**eridana** Meunier, 1910d: 88 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**loewi** Brues, 1923: 61 (*Dohrniphora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**magna** Dürrenfeldt, 1968: 46. PA: Germany (Pliocene) [C].  
**meunieri** Brues, 1939: 416. PA: Baltic Region (Eocene/Oligocene) [A].  
**simplicior** Brues, 1939: 415. PA: Baltic Region (Eocene/Oligocene) [A].  
**trepida** Meunier, 1910d: 88 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**vetusta** Meunier, 1910d: 84 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].  
**vincta** Meunier, 1910d: 89 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].

Genus **DOHRNIPHORA** Dahl

- \***DOHRNIPHORA** Dahl, 1898: 188. Type species: *Dohrniphora dohrni* Dahl, 1898, by original designation.
- poinari** Disney, 1988: 377. NT: Dominican Republic (Oligocene/Miocene) [A].  
 ?Unidentified sp.—NE: USA (Upper Cretaceous) [A] (Grimaldi *et al.*, 1989: 22).

Genus **ELECTROPHORA** Brues

- ELECTROPHORA** Brues, 1939: 426. Type species: *Electrophora persetosa* Brues, 1939, by original designation.
- persetosa** Brues, 1939: 426. PA: Baltic Region (Eocene/Oligocene) [A].

Genus **EOPHORA** Handschin

- EOPHORA** Handschin, 1944: 16. Unavailable name; genus-group name proposed after 1930 without named included species.

**Genus EOSCIADOCERA Hong**

**EOSCIADOCERA** Hong, 1981: 140. Type species: *Eosciadocera helodis* Hong, 1981, by original designation.

*EOSCIDOCERA*. Incorrect original spelling of *Eosciadocera* (Hong, 1981: 140).  
**helodis** Hong, 1981: 140. PA: China (Eocene) [A].

**Genus HYPOCERIDITES Brues**

**HYPOCERIDITES** Brues, 1939: 429. Type species: *Hypoceridites dubitatus* Brues, 1939, by original designation.

**dubitatus** Brues, 1939: 429. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus MEGASELIA Rondani**

\***MEGASELIA** Rondani, 1856: 137. Type species: *Megaselia crassineura* Rondani, 1856 [= *Phora costalis* von Roser, 1840], by original designation.

*MEGASELIDA* Kertész, 1910: 388 (unjustified emendation of *Megaselia* Rondani). Type species: *Megaselia crassineura* Rondani, 1856 [= *Megaselia costalis* von Roser, 1840], automatic.

**Subgenus APHIOCHAETA Brues**

\***APHIOCHAETA** Brues, 1903: 337 (as genus). Type species: *Phora nigriceps* Loew, 1866, by subsequent designation of Brues (1906: 9).

**inclusa** Meunier, 1910a: 6 (*Aphiochaeta*). AF: Tanzania (Pleistocene/Holocene) [K]. **New combination.**

**indistincta** Meunier, 1910b: 18 (*Aphiochaeta*). AF: Madagascar (Holocene) [K]. **New combination.**

**inflata** Meunier, 1910b: 19 (*Aphiochaeta*). AF: Madagascar (Holocene) [K]. **New combination.**

**infossa** Meunier, 1910a: 6 (*Aphiochaeta*). AF: Tanzania (Pleistocene/Holocene) [K]. **New combination.**

**obruta** Meunier, 1910a: 6, fig. 12 [1910b: 18] (*Aphiochaeta*). AF: Tanzania (Holocene) [K]. **New combination.**

**obstricta** Meunier, 1910b: 19 (*Aphiochaeta*). AF: Ghana (?Holocene) [K]. **New combination.**

**praepedita** Meunier, 1910a: 5 (*Aphiochaeta*). AF: Tanzania (Pleistocene/Holocene) [K]. **New combination.**

## Subgenus MEGASELIA Rondani

- amberae** Disney, 1988: 378. NT: Dominican Republic (Oligocene/Miocene) [A].
- bernsteinae** Disney, 1988: 378. NT: Dominican Republic (Oligocene/Miocene) [A].
- copalina** Meunier, 1905e: 211 (*Phora*). AF: Tanzania (Pleistocene/Holocene) [K].
- dominicana** Disney, 1988: 378. NT: Dominican Republic (Oligocene/Miocene) [A].
- ethiopia** Meunier, 1905e: 212 (*Phora*). AF: Tanzania (Pleistocene/Holocene) [K].  
*ethiopica* Meunier, 1910a: 5 (*Phora*; unjustified emendation of *ethiopia* Meunier).
- exporrecta** Meunier, 1910d: 80 (*Aphiochaeta*). PA: Baltic (Oligocene/Eocene) [A].
- inclusa** Meunier, 1910d: 82 (*Aphiochaeta*). PA: Baltic Region (Eocene/Oligocene) [A]. [Preoccupied by *inclusa* Meunier, 1910a; no new replacement name proposed at this time.]
- inflata** Meunier, 1910d: 79 (*Aphiochaeta*). PA: Baltic Region (Eocene/Oligocene) [A]. Preoccupied by *inflata* Meunier, 1910a; no new replacement name proposed at this time.]
- insolita** Meunier, 1910d: 81 (*Aphiochaeta*). PA: Baltic Region (Eocene/Oligocene) [A].
- lauta** Meunier, 1910d: 81 (*Aphiochaeta*). PA: Baltic Region (Eocene/Oligocene) [A].
- multipalpulata** Hong, 1981: 137. PA: China (Eocene) [A].
- sepulta** Meunier, 1910d: 80 (*Aphiochaeta*). PA: Baltic Region (Eocene/Oligocene) [A].
- uncifera** Brues, 1939: 434. PA: Baltic Region (Eocene/Oligocene) [A].
- veterana** Brues, 1939: 435. PA: Baltic Region (Eocene/Oligocene) [A].

## Genus METOPINA Macquart

- \***METOPINA** Macquart, 1835: 666. Type species: *Phora galeata* Haliday, 1833, by monotypy.
- goleti** Grimaldi, 1989a: 68. NE: USA (Upper Cretaceous) [A].
- Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Grimaldi, 1989: 65; Brown, 1992: 71).
- Unidentified sp.—NT: Mexico (Oligocene/Miocene) [A] (Grimaldi, 1989: 65).

## Genus PHALACROTOPHORA Enderlein

- \***PHALACROTOPHORA** Enderlein, 1912a: 21. Type species: *Phalacrotophora bruesiana* Enderlein, 1912, by original designation.
- tertiara** Statz, 1940b: 140. PA: Germany (Oligocene) [C].

**Genus PHORA Latreille**

- \***PHORA** Latreille, 1797: 169. Type species: *Musca aterrima* Fabricius, 1794 [preoccupied by Villers, 1789, = *Musca atra* Meigen, 1804], by subsequent monotypy in Latreille (1802: 464).
- \***TRINEURA** Meigen, 1803: 276. Type species: *Trineura atra* Meigen, 1804, by subsequent designation of Brues (1906: 8).
- bicalchrata* Keilbach, 1982: 377. *Nomen nudum*.
- calchrata* Keilbach, 1982: 377. *Nomen nudum*.
- dispar* Keilbach, 1982: 377. *Nomen nudum*.
- humilis* Keilbach, 1982: 377. *Nomen nudum*.
- hybosa** Hong, 1981: 130. PA: China (Eocene) [A].  
*bybosa*. Incorrect original spelling of *hybosa* (Hong, 1981: 131, 164).
- labiosa** Meunier, 1910d: 19. AF: Madagascar (Holocene) [K].
- manca* Keilbach, 1982: 377. *Nomen nudum*.
- parva* Keilbach, 1982: 378. *Nomen nudum*.
- simplex* Keilbach, 1982: 378. *Nomen nudum*.
- stigmatica* Keilbach, 1982: 378. *Nomen nudum*.
- tarsalis* Keilbach, 1982: 378. *Nomen nudum*.
- tumbae** Melander, 1949: 47. NE: USA (Oligocene) [C].  
Unidentified sp.—PA: France (Oligocene) [C] (Meunier, 1923c: 611).

**Genus PRIORIPHORA McAlpine & Martin**

- PRIORIPHORA** McAlpine & Martin, 1966: 532. Type species: *Prioriphora canadambra* McAlpine & Martin, 1966, by original designation.
- canadambra** McAlpine & Martin, 1966: 532. NE: Canada (Upper Cretaceous) [A].
- intermedia** Brown & Pike, 1990: 846. NE: Canada (Upper Cretaceous) [A].
- longicostalis** Brown & Pike, 1990: 846. NE: Canada (Upper Cretaceous) [A].
- setifemoralis** Brown & Pike, 1990: 847. NE: Canada (Upper Cretaceous) [A].

**Genus PROTOPHORITES Brues**

- PROTOPHORITES** Brues, 1939: 430. Type species: *Protophorites fimbriatus* Brues, 1939, by original designation.
- fimbriatus** Brues, 1939: 430. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PROTOPLATYPHORA Brues**

**PROTOPLATYPHORA** Brues, 1939: 432. Type species: *Protoplatyphora tertiaria* Brues, 1939, original designation.

**tertiaria** Brues, 1939: 432. PA: Baltic Region (Eocene/Oligocene) [A].

**Genus PULICIPHORA Dahl**

\***PULICIPHORA** Dahl, 1897: 410. Type species: *Puliciphora lucifera* Dahl, 1897, by monotypy.

Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Brown, 1992: 71).

**Genus RHOPTRCERA Hong**

**RHOPTRCERA** Hong, 1981: 133. Type species: *Rhoptrcera eocenica* Hong, 1981, by original designation.

*RHOPTRCERA*. Incorrect original spelling of *Rhoptrcera* (Hong, 1981: 20).

*RHOPTROCERA*. Incorrect original spelling of *Rhoptrcera* (Hong, 1981: 134).

**eocenica** Hong, 1981: 133. PA: China (Eocene) [A].

**Genus SCIADOPHORA McAlpine & Martin**

**SCIADOPHORA** McAlpine & Martin, 1966: 530. Type species: *Sciadophora bostoni* McAlpine & Martin, 1966, by original designation.

**bostoni** McAlpine & Martin, 1966: 530. NE: Canada (Upper Cretaceous) [A].

**Genus SPINIPHORA Malloch**

\***SPINIPHORA** Malloch, 1909: 26. Type species: *Phora maculata* Meigen, 1830, by subsequent designation of Malloch (1910: 20).

**cockerelli** Brues, 1908: 274 (*Phora*). NE: USA (Oligocene) [C].

**concitata** Meunier, 1910d: 85 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].

**corrupta** Meunier, 1910d: 85 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].

**eoconcinna** Borgmeier, 1968: 292 (new replacement name for *concinna* Meunier). PA: Baltic Region (Eocene/Oligocene) [A].

*concinna* Meunier, 1910d: 85 (*Phora*), PA: Baltic Region (Eocene/Oligocene) [A]. [Preoccupied by Meigen, 1830.]

- impedita** Meunier, 1910d: 86 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].
- parvipalpata** Brues, 1939: 422 (*Paraspiniphora*). PA: Baltic Region (Eocene/Oligocene) [A].
- petulans** Meunier, 1910d: 84 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].
- schmitzi** Brues, 1939: 424 (*Paraspiniphora*). PA: Baltic Region (Eocene/Oligocene) [A].
- transita** Brues, 1923: 60 (*Dohrniphora*). PA: Baltic Region (Eocene/Oligocene) [A].

### Genus *STEPHANOSTORISCUS* Keilbach

*STEPHANOSTORISCUS* Keilbach, 1982: 377. Unavailable name; genus-group name proposed after 1930 without description, indication or diagnosis.

### Genus *TRIPHLEBA* Rondani

- \***TRIPHLEBA** Rondani, 1856: 136. Type species: *Triphleba hyemalis* Rondani, 1856, by original designation.
- praeterita** Brues, 1939: 425. PA: Baltic Region (Eocene/Oligocene) [A].
- territa** Meunier, 1910d: 82 (*Phora*). PA: Baltic Region (Eocene/Oligocene) [A].