

## Family SCATOPSIDAE

Scatopsidae are a cosmopolitan family of small-sized (0.6–5 mm in length) nematocerous flies. The biology of taxa is poorly known. Immatures of extant forms have been recorded from various forms of decaying plant and animal matter such as winery waste and under the bark of senescent trees and bird and mammal excrement. Adults apparently feed at flowers.

The described fossil record of this family is restricted to various Tertiary strata, though earlier records of unpublished material are known. In addition to the determined material listed below, Zherichin & Sukacheva (1973) recorded 28 specimens of undetermined species of Scatopsidae from the Upper Cretaceous amber of Siberia, McAlpine & Martin (1969) and Cook (1981: 317) recorded undetermined material from the Upper Cretaceous Canadian amber, and Schumann & Wendt (1989: 41) recorded the family from the Miocene Bitterfeld amber of Germany. Ross & Jarzembowski (1993: 406) recorded the family from the Lower Cretaceous, possibly based on unpublished material.

*Ref.*: Cook (1971, review of Mexican amber taxa).

### Genus PROCOLOBOSTEMA Cook

**PROCOLOBOSTEMA** Cook, 1971: 60. Type species: *Procolobostema hurdi* Cook, 1971, by original designation.

**hurdi** Cook, 1971: 60. NT: Mexico (Oligocene/Miocene) [A].

**incisum** Cook, 1971: 61. NT: Mexico (Oligocene/Miocene) [A].

**longicorne** Cook, 1971: 60. NT: Mexico (Oligocene/Miocene) [A].

**obscurum** Cook, 1971: 61. NT: Mexico (Oligocene/Miocene) [A].

### Genus REICHERTELLA Enderlein

\***REICHERTELLA** Enderlein, 1912b: 268. Type species: *Scatopse femoralis* Meigen, 1838 [misidentification, = *Scatops niger* Meigen, 1804], by original designation.

**fasciata** Melander, 1949: 16. NE: USA (Oligocene) [C].

**Genus RHEGMOCLEMINA Enderlein**

\***RHEGMOCLEMINA** Enderlein, 1936: 55. Type species: *Scatopse vaginata* Lundström, 1910, by monotypy.

**Subgenus NEORHEGMOCLEMINA Cook**

\***NEORHEGMOCLEMINA** Cook, 1955: 358. Type species: *Rhegmoclemina parvum* Cook, 1955, by original designation.

Unidentified sp.—NT: Dominican Republic (Oligocene/Miocene) [A] (Cook, 1990: 390).

**Genus SCATOPSE Geoffroy**

\***SCATOPSE** Geoffroy, 1762: 450. Type species: *Tipula notata* Linnaeus, 1758, by subsequent designation of I.C.Z.N. (1957a: 86).

**SCATHOPSE**. Incorrect original spelling of *Scatopse* (Geoffroy, 1762: 544; I.C.Z.N., 1957a: 86).

**SCATOPS**, error for **SCATOPSE**.

**bilaminata** Cook, 1971: 58. NT: Mexico (Oligocene/Miocene) [A].

**crassicornis** Meunier, 1907b: 394. PA: Baltic Region (Eocene/Oligocene) [A].

**fasciola** Meunier, 1907b: 394. PA: Baltic Region (Eocene/Oligocene) [A].

**gracilis** Keilbach, 1982: 347. PA: Baltic Region (Eocene/Oligocene) [A].

[Available by bibliographical reference to Loew (1850b: 32).]

**grassaris** Meunier, 1907b: 392. PA: Baltic Region (Eocene/Oligocene) [A].

**primula** Cook, 1971: 58. NT: Mexico (Oligocene/Miocene) [A].

**subsimilis** Meunier, 1907b: 393. PA: Baltic Region (Eocene/Oligocene) [A].

Unidentified sp.—PA: Japan (Pleistocene) [K] (Saigusa, 1974: 431).

**Genus SWAMMERDAMELLA Enderlein**

\***SWAMMERDAMELLA** Enderlein, 1912b: 265. Type species: *Scatopse brevicornis* Meigen, 1830, by original designation.

**prima** Cook, 1971: 58. NT: Mexico (Oligocene/Miocene) [A].