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Catalogue of Neotropical Diptera. Scatopsidae

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Abstract. An updated catalogue of the Scatopsidae of the Neotropical region is presented. It includes 62 species, of which seven are unplaced or unrecognizable at the level of family or tribe, and one is not formally described. The subtribe Holoclematina, *subtr.n.* is proposed for the genus *Holoclema* Amorim & Haenni, 1996. A total of 12 new combinations is proposed: *Thripomorpha blantoni* (Cook, 1955b) is transferred from *Rhegmoclema*; *Neorhegmoclemina abruptinervis* (Duda, 1928), *Neorhegmoclemina acrolophia* (Cook, 1978), *Neorhegmoclemina asymmetrica* (Cook, 1955b), *Neorhegmoclemina constricta* (Edwards, 1930), *Neorhegmoclemina trichioneura* (Duda, 1928), *Neorhegmoclemina ?willistoni* (McAtee, 1921), and *Neorhegmoclemina sp.* Cook, 1990 are transferred from *Rhegmoclemina*; *Cookella brauni* (Speiser, 1921) is transferred from *Holoplagia*; *Quateiella auricularis* (Duda, 1928), *Quateiella diabolica* (Duda, 1928), and *Brahemyia costaricana* (Duda, 1928) are transferred from *Rhexosa*. Two synonymies are proposed: *Procolobostema incisum* Cook, 1971 and *P. obscurum* Cook, 1971 are synonymized with *P. hurdi* Cook, 1971. The fossils *Scatopse bilaminata* Cook, 1971 and *Scatopse primula* Cook, 1971 are placed as unrecognizable Rhegmoclematini and *Scatopse maritima* Duda, 1928 is transferred from *Scatopse* to unrecognizable Scatopsidae.

Introduction

Scatopsids are tiny, dark midges, from 0.6 to 3.0 mm long, quite unnoticed sometimes even by specialists. They are not good flyers and use to run rather agilely over the substrate. Scatopsid larvae live in decaying plant or animal material, humid wood holes etc. Pupae are sometimes found envolved in the exuvia of the last larval instar.

The Scatopsidae have been associated with Bibionomorpha based on the simplified wing venation (Hennig, 1954, 1973), while larval features (Wood & Borkent, 1989) and the fusion of the meron to the thoracic pleural sclerites (Amorim, 1994) strongly suggest a relationship to the suborder Psychodomorpha (see Amorim & Yeates, 2006). The connections of Scatopsidae and Canthyloscelidae have never been questioned (e.g., Hennig, 1954, 1973; Wood & Borkent, 1989; Amorim, 1994). Recently, the family Valeseguyidae has been proposed by Amorim & Grimaldi (2006) to be the sister group of the clade composed of Canthyloscelidae + Scatopsidae.

The Scatopsidae presently include 33 genera in the world. Amorim (1994) proposed a phylogenetic classification for the family based on Amorim (1982), with four subfamilies, the Psectrosciarinae with two tribes and the Scatopsinae enclosing four tribes. Aspistinae has two Holarctic genera; Ectaeiinae is monobasic, with species in most regions; Psectrosciarinae includes the genera *Psectrosciara* Kieffer and *Anapausis* Enderlein; Scatopsinae is more diverse, with the tribes Rhegmoclematini, Scatopsini, Colobostematini, and Swammerdamellini. Rhegmoclematini is further divided into four subtribes, Holoclematina *subtr.n.*, Diamphidicina, Rhegmoclematina, and Parascatopsina. The entire subfamily Aspistinae is absent from the Neotropical region. *Ectaeia* Enderlein and both Psectrosciarinae genera are present in the region. In the Rhegmoclematini, *Holoclema* Amorim & Haenni is endemic to the Neotropical region and *Diamphidicus* Cook is present in Chile and Australia. *Parmaferia* Cook is absent in the neotropics, while both other genera, *Thripomorpha* Enderlein and

Catalogue of the Neotropical Diptera. Scatopsidae

Rhegmoclema Enderlein are known in the region, as are *Parascatopse* Cook and *Neorhegmoclemina* Cook. *Austroclemina* Cook is absent from the Neotropical region, while *Rhegmoclemina* is restricted to Mexico. The Scatopsini genera *Apiloscatopse* Cook, *Reichertella* Enderlein and *Pharsoreichertella* Cook are entirely unknown in the region, while *Scatopse notata* Linnaeus has been most certainly introduced. In the Colobostematini, the genera *Colobostema* Enderlein, *Cookella* Freeman, and *Holoplagia* Enderlein are present in the recent fauna, while *Procolobostema* Cook is known from Mexico and Dominican Republic amber fossils; the genera *Ferneiella* Cook, *Borneoscatopse* Freeman, and *Lumpuria* Edwards are absent in the Neotropics. Of the Swammerdamellini genera, *Pararhexosa* Freeman, *Swammerdamella* Enderlein, *Coboldia* Melander, *Akorhexoza* Cook, *Abrhexosa* Freeman, *Quateiella* Cook and *Brahemyia* Amorim are present, while *Hawomersleya* Cook is exclusive from Australia, and *Rhexosa* Enderlein is known from the Holarctic regions.

Protoscatopse jurassica Rohdendorf (in Rohdendorf, 1946) and *Mesoscatopse rohdendorfi* Kovalev, known of compression fossils from the Upper Jurassic/Lower Cretaceous (in Kalugina and Kovalev, 1985), have been included in an extinct family Protoscatopsidae. Both seem to have a branched R_5 and, hence, would not fit into the Scatopsidae crown-group. True scatopsid compression fossils were described by Kovalev (1986) from the Lower Cretaceous. Cretaceous amber fossils of the subfamily Ectaeiinae are known from different deposits (Amorim & Grimaldi, unpublished data). Other described scatopsid fossils include five species in Eocene/Oligocene Baltic amber, seven in Oligocene/Miocene Mexican Chiapas amber, one in Oligocene American compression fossil, and one in Dominican Oligocene/Miocene amber, one in Czech Paleogene amber, and one in France Eocene amber (see reviews in Amorim, 1998, and Nel, A. & J. Prokop, 2004). As discussed elsewhere, intercontinental disjunction in many genera can be associated to plate tectonics, as is the case of *Diamphidicus*, *Psectrosciara*, and *Anapausis*.

The number of Neotropical species in each genus is given below.

Ectaeiinae	
<i>Ectaeia</i> Enderlein	2
Psectrosciariinae	
<i>Psectrosciara</i> Kieffer	7
<i>Anapausis</i> Enderlein	5
Scatopsinae	
Rhegmoclematini	
<i>Holoclema</i> Amorim & Haenni	1
<i>Diamphidicus</i> Cook	1
<i>Thripomorpha</i> Enderlein	2
<i>Rhegmoclema</i> Enderlein	1
<i>Parascatopse</i> Cook	2
<i>Rhegmoclemina</i> Enderlein	1
<i>Neorhegmoclemina</i> Cook	7
Unrecognizable and Unplaced Rhegmoclematini	2
Scatopsini	
<i>Scatopse</i> Geoffroy	1
Colobostematini	
<i>Colobostema</i> Enderlein	5
<i>Efcookella</i> Haenni	1
<i>Holoplagia</i> Enderlein	1
<i>Procolobostema</i> Cook	2
Swammerdamellini	
<i>Pararhexosa</i> Freeman	1
<i>Swammerdamella</i> Freeman	7
<i>Coboldia</i> Melander	1
<i>Akorhexoza</i> Cook	2
<i>Abrhexosa</i> Freeman	1
<i>Quateiella</i> Cook	2
<i>Brahemyia</i> Amorim	2
Unrecognizable and Unplaced Scatopsidae	5
Total	62

The acronyms of the depository institutions of the types are given below. The symbol “Φ” along the catalogue indicates fossil species.

AMNH – American Museum of Natural History, Department of Entomology, New York

BMNH – The Natural History Museum, Department of Entomology, London

DEI – Deutsches Entomologisches Institut, Deutsche Akademie der Landwirts-wissenschaften zu Berlin, Eberswalde

CAIM – Collection of Arthropods with Medical Importance (CAIM), Instituto de Diagnóstico y Referencia Epidemiológicos< Mexico, D.F.

CAS – California Academy of Sciences, Department of Entomology, San Francisco

CUI – Cornell University, Cornell University Insect Collection, Cornell

MNM – Magyar Természettudományi Múzeum (Hungarian Natural History Museum), Budapest

MHNN – Muséum d’Histoire Naturelle Neuchâtel, Neuchâtel

MNHNP – Muséum National d’Histoire Naturelle, Paris

MZSP – Museu de Zoologia da Universidade de São Paulo, São Paulo

NMNH – National Museum of Natural History, United States National Museum of Natural History, Washington

PAN – Polish Academy of Science, Museum of the Institute of Zoology, Varsovia

UCMP – University of California Museum of Paleontology, Berkeley

UMIC – University of Minnesota Insect Collection, St. Paul

ZMB – Zoologisches Museum Berlin, Berlin

Family SCATOPSIDAE Newman, 1834

Scatopsites Newman, 1834: 379, 387. Type-genus: *Scatopse* Geoffroy, 1762.

Scatopsinae Schiner, 1864: xvii, 1864b: 10.

Scatopsidae Enderlein, 1911: 122.

Scatopsoidea Rohdendorf, 1951: 68.

Ref. – Cook, 1981; Haenni, 1997.

Subfamily Ectaeiinae Enderlein, 1936

Ectaeiinae Enderlein, 1936: 56. Type-genus: *Ectaeitia* Enderlein, 1912.

Genus *Ectaeitia* Enderlein, 1912

Ectaeitia Enderlein, 1912: 279. Type-species: *Scatopse clavipes* Loew, 1846 (orig. des.).

cornuta Edwards, 1930: 98, pl. X, figs. 9, 10 (wing, ♂ term.). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. – Chile (Llanquihue). Ref. – Cook, 1967: 5 (cat.); Amorim & Haenni, 1996 (redescr.), figs. 1-5 (♂ term.). Holotype ♂, BMNH.

lasiopa Duda, 1928b: 294. Type-locality: Costa Rica, La Suiza de Turrialba. Distr. – Costa Rica. Ref. – Cook, 1967: 5 (cat.). Type ♀, MNM.

Subfamily Psectrosciariinae Cook, 1963

Psectrosciariinae Cook, 1963: 5-6. Type-genus: *Psectrosciara* Kieffer, 1911.

Tribe Psectrosciariini Cook, 1963

Psectrosciariini Cook, 1963: 5-6. Type-genus: *Psectrosciara* Kieffer, 1911.

Genus *Psectrosciara* Kieffer, 1911

Psectrosciara Kieffer, in Enderlein, 1911: 192 (also Kieffer, 1912: 192). Type-species: *Psectrosciara mahensis* Kieffer, 1912 (orig. des.) = *P. brunnipes* (Brunetti).

Ref. – Cook, 1958 (rev.).

arnaudi Cook, 1978: 33, fig. 5 (♂ term.). Type-locality: Mexico, Baja California, 22 mi S San Vicente, 300 ft. Distr. – Mexico (Baja California). Holotype ♂, CAS.

californica (Cole, 1912): 150, fig. 85 (adult) (*Scatopse*). Type-locality: U.S.A., California, Laguna Beach. Distr. – U.S.A. (Arizona, California), Mexico (Córdoba). Ref. – Cook, 1958: 593 (redescr.), figs. 2F-G (meso- and metathoracic first tarsus), 3A-C (♂ term.), 5a (♀ term.); Cook, 1967: 5 (cat.). Type ?.

mexicana Duda, 1928b: 294, pl., fig. 25 [♂ term., misidentified as ♀ term.] (as *scatopsiformis* ssp.). Type-locality: Mexico, Chapingo. Ref. – Cook, 1958: 593 (syn.); Cook, 1967: 5 (cat.). Type ♂, MNM.

jamaicensis Cook, 1958: 595, figs. 4G (♀ term.), 4H (spermatheca). Type-locality: Jamaica, Ocho Rios. Distr. – Jamaica. Ref. – Cook, 1967: 5 (cat.). Holotype ♂, NMNH.

rossi Cook, 1958: 595, figs 3D-E (♂ term.). Type-locality: Chile, Coquimbo, Laguna Dam. Distr. – Chile (Coquimbo). Ref. –

Amorim

- Cook, 1967: 5 (cat.). Holotype ♂, CAS.
- scatopsiformis** Enderlein, 1912: 281, fig. 14 (wing). Type-locality: “Costa Rica”. Distr. – Costa Rica, Panama. Ref. – Melander, 1916: 16; Duda, 1928b: 290, figs. 21-22 (♂ term.), Pl. IV, fig. 6 (wing); Cook, 1958: 593 (resdescr.), figs. 2B-C (♂ term.), 5E (♀ term.), F (spermathecal), G (thorax); Cook, 1967: 5 (cat.). Type ♀, PAN. Comments. A male specimen improperly identified as a female of *P. scatopsiformis* by Duda (1928b: 292, fig. 23) most certainly represents an undescribed species.
- serrata** Cook, 1958: 594, figs. 5B (spermatheca), 5D (♀ term.). Type-locality: U.S.A., Texas, Los Fresnos. Distr. – U.S.A. (Texas), Mexico. Ref. – Cook, 1967: 5 (cat.). Holotype ♂, NMNH.
- stradivarius** Haenni & Rapp, 2003: 236, figs. 1-6 (head, wing, ♂ segment 7, ♂ term.). Type-locality: Belize, Shipstern Landing, Shipstern Nature Reserve. Distr. – Belize. Type ♂, MHNN.

Tribe **Anapausiini** Amorim, 1994

Anapausiini Amorim, 1994: 110. Type-genus: *Anapausis* Enderlein, 1912.

Genus **Anapausis** Enderlein, 1912

- Anapausis** Enderlein, 1912: 278. Type-species: *Scatopse soluta* Loew, 1846 (orig. des.).
Orthanapausis Enderlein, 1936: 55. Type-species: *Scatopse inermis* Ruthe, 1931 (orig. des.). Ref. – Cook, 1965a: 7 (syn.).
- Ref. – Cook, 1965a (rev.); Amorim & Balbi, 2006 (phylogenetic relationships).

- clivicola** Amorim & Balbi, 2006: 14, figs. 20 (maxillary palpus), 21 (thorax), 22 (wing), 23 (♂ term.), 24-25 (♀ term.). Type-locality: Brazil, State of São Paulo, São José do Barreiro. Distr. – Brasil (São Paulo). Holotype ♂, MZSP.
- fuscinervis** (Edwards, 1930): 97, p. X, figs. 11-12 (♂ term., wing) (*Psectrosciara*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. – Chile (Llanquihue). Ref. – Cook, 1965a: 16, figs. 42-43 (♂ term.), 45 (wing) (N. comb.); Cook, 1967 (cat.); Amorim & Haenni, 1996: 39, figs. 6 (♂ term.), 7 (tergites 7-10); Amorim & Balbi, 2006: 20, figs. 28 (ommatidia), 29 (maxillary palpus), 30 (labella), 31 (thorax), 32 (wing), 33 (♂ term.), 34-36 (♀ term.). Holotype ♂, BMNH.
- mayana** Amorim & Balbi, 2006: 11, figs. 12 (thorax), 13 (wing), 14 (tergite 2), 15 (sternite 4), 16 (♂ term.), 17-19 (♀ term.). Type-locality: Panama, C.Z, Barro Colorado Isd. Distr. – Panama. Holotype ♂, NMNH.
- mourei** Amorim & Balbi, 2006: 18, figs. 26 (wing), 27 (♀ term.). Type-locality: Brasil, State of São Paulo, Ribeirão Grande, Parque Estadual Intervales. Distr. – Brasil (São Paulo). Holotype ♂, MZSP.
- wirthi** Amorim & Balbi, 2006: 8, figs. 6 (wing), 7-10 (♂ term.), 11 (♀ term.). Type-locality: Costa Rica, San Marcos, Higuito. Distr. – Costa Rica. Holotype ♂, NMNH.

Subfamily **Scatopsinae** Newman, 1834

Scatopsinae Newman, 1834: 379, 387. Type-genus: *Scatopse* Geoffroy, 1762.

Tribe **Rhegmoclematini** Cook, 1965b

Rhegmoclematini Cook, 1955: 351. Type-genus: *Rhegmoclema* Enderlein, 1912.
Rhegmoclematini Cook, 1965b: 238. Type-genus: *Rhegmoclema* Enderlein, 1912.

Subtribe **Holoclematina** Amorim, subtr. n.

Holoclematina, subtr.n. Type-genus: *Holoclema* Amorim & Haenni, 1996.

Amorim & Haenni (1996) proposed the genus *Holoclema* for *Scatopse setifera* Edwards. Their analysis concluded

that the genus was sister to all remaining Rhegmoclematini. Because of the tribal status of Diamphidicina, Rhegmoclematina, and Parascatopsina, a new tribe is necessary to accommodate *Holoclema*.

Diagnosis. The diagnosis of the tribe is the same of the genus: antenna with 10 flagellomeres; maxillary palpus small; R5 long, parallel, but not close to C; M1 complete; CuA rather sinuous, with some macrotrichia; membrane posterior to CuA with macrotrichia; a fold between the medial fork and CuA; tergite 1 without reticulation; gonocoxites with macrotrichia, well developed laterally; parameres absent; aedeagus quite wide, gradually tapering to the apex; a pair of spiracle dorsally on T9 of the ♂ terminalia; no cerci.

Genus **Holoclema** Amorim & Haenni, 1996

Holoclema Amorim & Haenni, 1996: 42. Type-species: *Scatopse setifera* Edwards, 1930 (orig. des.).

setifera (Edwards, 1930): 95, pl. IX, figs. 3-4 (wing, ♂ term.) (*Scatopse*). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. – Argentina (Rio Negro). Ref. – Cook, 1967 (cat.) (as *Rhegmoclema*); Amorim & Haenni, 1996: 42 (redescr., N. comb.), figs. 13 (♂ segment 7), 14-18 (♂ term.), 19-20 (♀ term.). Holotype ♂, BMNH.

Subtribe **Diamphidicina** Amorim, 1994

Diamphidicina Amorim, 1994: 110. Type-genus: *Diamphidicus* Cook, 1971.

Genus **Diamphidicus** Cook, 1971

Diamphidicus Cook, 1971b: 48. Type-species: *Diamphidicus australis* Cook, 1971 (orig. des.).

Ref. – Amorim, 1989 (rev.).

chilensis Amorim, 1989: 479, figs. 1 (head), 2 (labella), 3 (mx. palpus), 4 (thorax), 5 (wing), 6 (tergite 2), 7 (sternite 4), 8-9 (♂ segment 7), 10-12 (♂ term.). Type-locality: Chile, Prov. Magallanes, Rio Las Minas. Distr. – Chile (Magallanes). Holotype ♂, NMNH.

Subtribe **Rhegmoclematina** Cook, 1965

Rhegmoclematina Cook, 1965a: 238. Type-genus: *Rhegmoclema* Enderlein, 1912.

Genus **Thripomorpha** Enderlein, 1905

Thripomorpha Enderlein, 1905: 448. Type-species: *Thripomorpha paludicola* Enderlein, 1905 (orig. des.). *Aldrovandiella* Enderlein, 1912: 278. Type-species: *Scatopse halterata* Meigen, 1838 (orig. des.). Ref. – Haenni, 1995: 331 (syn.)

Ref. – Cook, 1955a (rev.).

blantoni (Cook, 1955b): 363, pl. IV i-k (♂ segment 7, ♂ term., wing) (*Rhegmoclema*). Type-locality: Panama, Bocas del Toro Prov., Almirante. Distr. – Panama. Holotype ♂, NMNH. **N. comb.**

chaboti Haenni & Rapp, 2003: 238, figs. 7-12 (habitus, wing, tergite 2, ♂ segment 7, ♂ term.). Type-locality: Belize, Shipstern Landing, Shipstern Nature Reserve. Distr. – Belize, México (Yucatán). Ref. – Huerta & Ibáñez-Bernal, 2008: 62, Figure 12 (♂ term.). Type ♂, MHNN.

Genus **Rhegmoclema** Enderlein, 1912

Rhegmoclema Enderlein, 1912: 276. Type-species: *Rhegmoclema rufithorax* Enderlein, 1912 (orig. des.).

Ref. – Cook, 1955a (rev.).

caudata (Duda, 1928b): 289, text-fig. 20 (♂ term.), pl. IV, fig. 5 (wing) (*Aldrovandiella*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. – Costa Rica. Ref. – Cook, 1955a: 249 (n. comb.); Cook, 1967: 3 (cat., as *caudatum*, error). Syntypes 1♂, 1♀, MNM [destroyed].

Subtribe **Parascatopsina** Amorim, 1994

Parascatopsina Amorim, 1994: 110. Type-genus: *Parascatopse* Cook, 1955 (orig. des.).

Genus **Parascatopse** Cook, 1955

Parascatopse Cook, 1955b: 362. Type-species: *Parascatopse wirthi* Cook, 1955 (orig. des.).

flavida Cook, 1955: 363, Figure 4C (♂ term.). Type-locality, U.S.A., Florida. Distr. – U.S.A. (Florida, Mississippi), Mexico (Yucatán). Ref. – Cook (1965b) (cat.); Huerta & Ibáñez-Bernal (2008), Figure 10 (♂ term.) (redescr., distr.). Holotype ♂, NMNH.

wirthi Cook, 1955b: 363 (♂ term.). Type-locality: U.S.A., Florida, Fort Lauderdale. Distr. – U.S.A. (Florida), Jamaica, Mexico (Yucatán). Holotype ♂, NMNH.
sp. Huerta & Ibáñez-Bernal, 2008: 61, Figure 11 (♂ term.) (from Mexico, Yucatán, similar to *P. wirthi*).

Genus **Rhegmoclemina** Enderlein, 1936

Rhegmoclemina Enderlein, 1936: 55. Type-species: *Scatopse vaginata* Lundström, 1910 (orig. des.).

Ref. – Cook, 1955b (rev.); Amorim, 1994 (redefinition).

clavicrus (Duda, 1928b): 282, pl. IV, fig. 4 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Ref. – Cook, 1955b: 358 (redescr.), figs. IE (♂ term.), IIE (♂ segment 7); Cook, 1967: 3 (cat.). Distr. – Costa Rica. Holotype ♀, MNM.

Genus **Neorhegmoclemina** Cook, 1955

Rhegmoclemina (Neorhegmoclemina) Cook, 1955: 358. Type-species: *Rhegmoclemina parva* Cook, 1955 (orig. des.).

Ref. – Cook, 1955b (rev.); Amorim, 1994 (generic status).

abruptinervis (Duda, 1928b): 279, pl. IV, fig. 2 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. – Costa Rica, Panama. Ref. – Cook, 1955b: 360, pls. ID (♂ term.), IIIH (♂ segment 7); Cook, 1967: 3 (cat., as *Rhegmoclemina (Neorhegmoclemina)*). Syntypes, 1♂, 1♀, MNM. **N. comb.**

acrolophia (Cook, 1978): 35, figs. 6 (♂ sternite 7), 7-8 (♂ term.) (*Rhegmoclemina*). Type-locality: Peru, West Crest Carpath Mountain, 40 mi. SW Tingo-María. Distr. – Peru (Tingo-María). Holotype ♂, CAS. **N. comb.**

asymmetrica (Cook, 1955b): 360, figs. pls. Ig, IIf, IIIe (♂ term., ♂ segment 7, wing) (*Rhegmoclemina*) (as *asymmetricum*, error). Type-locality: Jamaica, Ocho Rios. Distr. – Jamaica. Ref. – Cook, 1967: 3 (cat., as *Rhegmoclemina (Neorhegmoclemina)*). Holotype ♂, NMNH. **N. comb.**

constricta (Edwards, 1930): 96, pl. IX, figs. 5, 7 (♂ term., wing) (*Scatopse*). Type-locality: Chile, Llanquihue. Distr. – Chile

- (Llanquihue). Ref. – Cook, 1967: 3 (cat., as *Rhegmoclemina* (*Neorhegmoclemina*)); Amorim & Haenni, 1996: 40, figs. 8 (♂ segment 7), 9-10 (♂ term.), 11 (♀ term.), 12 (spermathecal). Holotype ♂, BMNH. **N. comb.**
- trichioneura** (Duda, 1928b): 288, text-fig. 19 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Ref. – Cook, 1967: 3 (cat., as *Rhegmoclemina* (*Neorhegmoclemina*), **N. comb.**). Distr. – Costa Rica. Holotype ♀, MNM. Comments. Cook (1955b: 352) comments that he did not examine the type of *Scatopse trichioneura* Duda, but he believed that it seemed “probable” that the species would belong in *Rhegmoclemina*. In the catalogue, Cook (1967: 3) listed the species in *Rhegmoclemina* (*Neorhegmoclemina*), but did not formally indicate that it constituted a new combination. **N. comb.**
- ?willistoni** (McAtee, 1921): 144 (*Scatopse*) (nom.nov. for *pygmaea* Williston). Type-locality: British West Indies, St. Vincent. Ref. – Cook, 1967: 4 (cat.). **N. comb.**
- pygmaea* Williston, 1896: 269 (*Scatopse*) (preocc. Loew, 1864). Type-locality: British West Indies, St. Vincent. Type, ?.
- ♣**sp.** Cook, 1990: 390, fig. 321 (photograph of male and female in copula). Dominican Republic (in Early Miocene amber). **N. comb.**

Unrecognizable and Unplaced Rhegmoclematini Species

- ♣**bilaminata** Cook, 1971a: 58 (*Scatopse*), figs 1-2 (♂ term.), 3 (wing, part). Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Ref. – Amorim, 1998: (**N. comb.**). Holotype ♂, UCMP.
- ♣**primula** Cook, 1971a: 58 (*Scatopse*), figs. 4 (♀ term.), 5 (wing). Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Probably a *Neorhegmoclemina*. Ref. – Amorim, 1998: (**N. comb.**). Holotype ♀, UCMP.

Tribe Scatopsini Newman, 1834

Scatopsini Newman, 1834: 379. 387. Type-genus: *Scatopse* Geoffroy, 1762.

Genus Scatopse Geoffroy, 1762

Scatopse Geoffroy, 1762: 450. Type-species, *Tipula albipennis* Fabricius, 1794 [= *Tipula notata* Linnaeus, 1758] (Generic name validated by I.C.Z.N., 1957: 86). In Sabrosky (1999: 276), two notes are added concerning *Scatopse*. “Note 1. Geoffroy (1762) was non-binominal, and generic names in Diptera (*Scatopse* and others) were conserved and type species designated to agree with modern usage (ICZN 1957). See Introduction, in Notes on Certain Publications, on Geoffroy 1762. Note 2. There were two original spellings in Geoffroy (1762), but I have not traced a possible first reviser, if any. *Scatopse* has been almost universally used, and this was the spelling conserved in ICZN’s Opinion 441 under the plenary power, and the type species designated as *Tipula notata*, which was not an originally included nominal species.”

Ceria Scopoli, 1763: 351. Type-species, *Ceria decemnodia* Scopoli (des. Coquillett, 1910: 520) [= *Tipula notata* Linnaeus]. *Scathopse*, incorrect spelling of *Scatopse* (Geoffroy, 1762: 544). [Rejected by I.C.Z.N., 1957: 86]
Scatops, error.

Ref. – Cook, 1957 (rev.); Cook, 1974.

notata (Linnaeus, 1758): 588 (*Tipula*). Type-locality: “Europe”. Distr. – Cosmopolitan. Refs. – Kertész, 1902: 131 (cat., syn., bibl.); Enderlein, 1912: 267; Melander, 1916: 7; Edwards, 1925: 272; Duda, 1928a: 32; Edwards, 1929: 94; Lyall, 1929: 630 (larval disc); Séguy, 1940: 296; Cook, 1957: 598, figs. 1A (♂ term.), 2G (♂ metathoracic tarsus), 3C (spiracular sclerite), 4A (♀ term.), 5C (♂ segment 7), 6E (wing); Cook, 1963: 16, figs. 51 (♂ segment 7), 53 (♀ term.), 54 (♂ term.), 58 (wing); Haenni & Vaillant, 1994 (biol.). Type, ?.

decemnodia Scopoli, 1763: 588 (*Ceria*). Type-locality: not given. Ref. – Krivosheina & Haenni, 1986: 308.

nectarea Linnaeus, 1767: 983 (*Musca*). Type-locality: not given. Ref. – Hutson, 1970: 118 (syn.); Krivosheina & Haenni, 1986: 308.

latrinarium DeGeer, 1776: 430 (*Tipula*). Type-locality: not given. Ref. – Krivosheina & Haenni, 1986: 308.

Scathopse Schrank, 1781: 881 (*Tipula*). Type-locality: Austria. Ref. – Krivosheina & Haenni, 1986: 308.

Amorim

- albipennis* Fabricius, 1794: 250 (*Tipula*). Type-locality: “Hafniae” [Copenhagen]. Ref. – Krivosheina & Haenni, 1986: 308.
dubia Meigen, 1804: 106. Type-locality: not given. Ref. – Krivosheina & Haenni, 1986: 308.
punctata Meigen, 1818: 301. Type-locality: not given. Ref. – Krivosheina & Haenni, 1986: 308.
minuta Meigen, 1818: 301. Type-locality: not given. Ref. – Krivosheina & Haenni, 1986: 308.
glabra Meigen, 1838: 54. Type-locality: “Aus hiesiger Gegend” (Stolberg bei Aachen?), “Baiern” [= Bavaria]. Ref. – Krivosheina & Haenni, 1986: 308.
femoralis Meigen, 1838: 55. Type-locality: “Hiesige Gegend” (Stolberg bei Aachen?), “Baiern” [= Bavaria]. Ref. – Krivosheina & Haenni, 1986: 308.
nitens Walker, 1848: 114. Type-locality: Canada, Ontario.
carolina Blanchard, 1852: 359. Type-locality: Chile, Chiloé Isd., Ancud [= San Carlos]. Ref. – Cook, 1967 (cat.); Edwards, 1930: 94.
carbonaria Philippi, 1865: 640. Type-locality: Chile, Santiago, Corral. Ref. – Cook, 1967 (cat.); Edwards, 1930: 94.
longipennis Skuse, 1889: 1303. Type-locality: Australia (New South Wales). Ref. – Cook, 1989: 183 (cat.).

Tribe **Colobostematini** Amorim, 1994

Colobostematini Amorim, 1994: 111. Type-genus: *Colobostema* Enderlein, 1926.

Genus **Colobostema** Enderlein, 1926

Colobostema Enderlein, 1926: 140. Type-species: *Colobostema oldenbergi* Enderlein, 1926 (orig. des.).

Ref. – Cook, 1956c (rev.).

- arizonense** Cook, 1956c: 331, figs. 1E (♂ term.), 2F (♂ segment 7), 3F (wing). Type-locality: U.S.A., Arizona, Texas Pass, Dragoon Mts. Distr. – USA (Arizona), Mexico (Baja California). Holotype ♂, CUI.
bijleveldi Haenni & Rapp, 2003: 242, figs. 13-17 (habitus), ♂ segment 7, ♂ term.). Type-locality: Belize, Shipstern Landing, Shipstern Nature Reserve. Distr. – Belize. Type ♂, MHNN.
hoffmannae Huerta & Ibáñez-Bernal, 2008: 58, figs. 1 (head), 2 (antenna), 3 (mx. palpus), 4 (spiracular sclerite), 5 (wing), 6-7 (♂ segment 7), 8-9 (♂ term.). Type-locality: Mexico, Yucatán, Municipio Tizimin, Ría Lagartos Reserve, 4.2 km S Biological Station El Cuyo “Zac-bo”. Type, CAIM.
rotundum Cook, 1956c: 332, figs. 1F, 2E (♂ term., ♂ segment 7). Type-locality: Panama, Tocumen. Distr. – Panama. Ref. – Cook, 1967 (cat.). Holotype ♂, NMNH.
variatum Cook, 1956c: 330, figs. 1D, 2D, 3C (♂ term., ♂ segment 7, wing). Type-locality: U.S.A., Texas, Juno. Distr. – USA (Texas), Mexico (Mérida). Ref. – Cook, 1967 (cat.); Frost, 1964 (biol.). Holotype M, CUI.

Genus **Efcookella** Haenni, 1998

Efcookella Haenni, 1998: 142. Type-species: *Scatopse albitarsis* Zetterstedt, 1850 (orig. des.) (replacement name for *Cookella* Freeman, 1985, preocc. Chamberlim, 1941).
Cookella Freeman, 1985: 40. Type-species: *Scatopse albitarsis* Zetterstedt (orig. des.).

Ref. – Enderlein, 1912 (in part) Cook, 1957 (in part).

brauni (Speiser, 1921): 82 (*Holoplagia*). Type-locality: Brazil, State of Santa Catarina, Blumenau. Distr. – Brazil (Santa Catarina). Ref. – Cook, 1967 (cat.). Type, ? **N. comb.**

Genus **Holoplagia** Enderlein, 1912

Holoplagia Enderlein, 1912: 267. Type-species: *Scatopse transversalis* Loew, 1846 (orig. des.) (= *Scatopse lucifuga* Loew).

Ref. – Cook, 1957 (rev.); Freeman, 1990 (redefinition).

guamensis (Johannsen, 1948): 187. 1a-e [wing (the wing figured is that of *Coboldia fuscipes*, not of *H. guamensis*), ♂ term.) (*Scatopse*). Type-locality: “Guam”. Distr. – Micronesia, Hawaii, Truk, Ghana, Accra, Panama, Colombia, Brazil. Ref. – Hardy, 1956: 91 (redescr., n. comb.), figs. 2a (mx. palpus), 2b (wing), 2c (♂ segment 7 and term.), 2d-e (♀ segment 7 and term.). Cook, 1957: 610 (redescr.), figs. 7C (♂ term.), 7E (♀ term.), 7K (wing); Cook, 1967 (cat.); Cook, 1989 (cat.). Type, CUI.

Genus **Procolobostema** Cook, 1971

Procolobostema Cook, 1971a: 60. Type-species: *Procolobostema hurdi* Cook, 1971 (orig. des.).

Ref. – Amorim, 1998 (rev.).

♣ **hurdi** Cook, 1971a: 60, figs. 7 (wing), 8 (♀ term.) [mistakenly taken for a ♂]. Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Ref. – Amorim (1998). Holotype ♂, UCMP.

♣ **longicorne** Cook, 1971a: 60. Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Ref. – Amorim (1998), as synonym of *P. hurdi*. Holotype ♂(?), UCMP.

♣ **incisum** Cook, 1971a: 61, figs. 9 (wing), 10 (♀ tergite 7) (as *incisa*, error). Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Ref. – Amorim, 1998 (as probable synonym of *P. hurdi*). Holotype ♀, UCMP. **N. syn.**

♣ **obscurum** Cook, 1971a: 61, Pl. 3A-B (specimen), figs. 11 (♂ tergite 7), 12 (♂ term.), 13 (spiracular sclerite). Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Ref. – Amorim, 1998 (as probable synonym of *P. hurdi*). Holotype ♂, UCMP. **N. syn.**

♣ **roseni** Amorim, 1998: 5, figs. 1-14 (entire ♂ and ♀ specimens, head and thorax dorsally, thorax laterally, ♀ antenna, wing, tergite 7, ♂ term., ♀ term.). Type-locality: Dominican Republic (in Early Miocene amber). Holotype ♂, AMNH.

Tribe **Swammerdamellini** Cook, 1972

Swammerdamellini Cook, 1972: 625. Type-genus: *Swammerdamella* Enderlein, 1912.

Genus **Pararhexosa** Freeman, 1990

Pararhexosa Freeman, 1990: 14. Type-species: *Scatopse flavipalpis* Edwards, 1928 (orig. des.).

Ref. – Amorim (2007): 43.

tubifera (Edwards, 1930): 95, figs. 1f, 2e (wing, ♀ term. –incorrectly recognized by Edwards as a ♂) (*Scatopse*). Type-locality: Chile, Llanquihue, Casa Pangué. Ref. – Cook, 1967 (cat., as *Scatopse*); Amorim & Haenni, 1996, figs. 21-22 (♀ term.) (type redescr., N. comb.). Holotype ♂, BMNH.

Genus **Swammerdamella** Enderlein, 1912

Swammerdamella Enderlein, 1912: 277. Type-species: *Scatopse brevicornis* Meigen (orig. des.).

Ref. – Cook, 1956b (rev.).

- approximata** Edwards, 1924: 571. Type-locality: Trinidad, St. Augustine. Distr. – Trinidad. Ref. – Cook, 1967: 4 (cat.). Type, BMNH.
- glochis** Cook, 1978: 35, figs. 9 (♂ segment 7), 10 (♂ term.), 11 (♀ term.). Type-locality: El Salvador, Quezaltepeque, 500 m. Holotype ♂, CAS.
- grogani** Huerta & Ibáñez-Bernal, 2008: 62, Figures 13-14 (wing), 15-16 (♂ segment 7), 17 (♂ term.). Type-locality: Mexico, Yucatán, Municipio Tizimin, Ría Lagartos Reserve, 4.2 km S Biological Station El Cuyo “Zac-bo”. Type, CAIM.
- marginata** Cook, 1956b: 24, figs. 1D (♂ term.), 2D (♂ segment 7), 3G (wing), 4E (♂ segment 6), 5H (♀ term.). Type-locality: U.S.A., New Mexico, Las Vegas. Distr. – U.S.A. (New Mexico), Mexico (Guadalajara). Ref. – Cook, 1967: 4 (cat.). Holotype ♂, NMNH.
- mojingae** Cook, 1956b: 29, figs. 5J (♂ segment 7), 5K (♂ term.). Type-locality: Panama, Canal Zone, Mojinga Swamp, Fort Sherman. Distr. – Panama. Ref. – Cook, 1967: 4 (cat.). Holotype ♂, NMNH.
- ♣**prima** Cook, 1971a: 58, fig. 6 (♂ segment 7). Type-locality: Mexico, Chiapas, Las Cruces, Simojovel area (Late Oligocene / Early Miocene amber). Holotype ♂, UCOMP.
- sagitata** Cook, 1956b: 24, figs. 1F (♂ term.), 2G (♂ segment 7), 4F (♂ segment 6), 5B (♀ term.). Type-locality: U.S.A., Texas, Kirbyville. Distr. – U.S.A. (Texas, Georgia, Florida, Illinois, Virginia), Mexico (Cuautla). Holotype ♂, NMNH.

Genus *Coboldia* Melander, 1916

- Coboldia** Melander, 1916: 17. Type-species: *C. formicarum* Melander, 1916 (orig. des.) = *Scatopse fuscipes* Meigen, 1830. *Rhaeboza* Enderlein, 1936: 55. Type-species: *Scatopse fuscipes* Meigen, 1830 (orig. des.). *Masatierra* Enderlein, 1938: 666. Type-species: *M. ferruginea* Enderlein, 1938 (orig. des.) = *Scatopse fuscipes* Meigen.

Ref. – Cook, 1974 (rev.), 1981; Meade & Cook, 1961 (biology of immatures).

- fuscipes** (Meigen, 1830): 314 (*Scatopse*). Type-locality: “Europe”. Distr. – Cosmopolitan. Ref. – Hardy, 1956: 99 (as *Scatopse*) (redescr., illustr.); Cook, 1957: figs. 3A-B (♂ term.), 3D (spiracular sclerite), 3N (♀ sternite 7), 5D (♀ term.), 5F (♂ segment 7), 6B (wing), 6G (♂ tergite 8); Cook, 1963: 17, figs. 47 (♀ term.), 48 (♂ segment 7), 49 (♂ term.), 59 (wing); Rabello & Forattini, 1962: 303 (as *Rhexozoa coutinhoi*) (descr., immature, biol.); Cook, 1974: 70, figs. 78 (♂ term.); 79 (♀ term.); Cook, 1967 (cat., as *Scatopse*); Haenni & Vaillant, 1994 (biol.). Type, MNHNP (Duda, 1928a: 22).
- recurva* (Loew, 1846): 330 (*Scatopse*). Type-locality: “Deutschland, bei Posen” [= Poznań] (Poland) and “Insel Rhodus (Greece)”. Ref. – Krivosheina & Haenni, 1986: 309.
- flavitaris* Zetterstedt, 1850: 3406 (*Scatopse*). Type-locality: Scandinavia meridionali, ... Dania” (Denmark, by lectotype des. of Andersson, 1978: 236). Ref. – Krivosheina & Haenni, 1986: 309 (cat.).
- parvula* Blanchard, 1852: 359. Type-locality: Chile, Coquimbo. Type MNHNP, probably lost.
- simplex* (Walker, 1856): 144 (*Scatopse*). Type-locality: “England”. Ref. – Krivosheina & Haenni, 1986: 309 (cat.).
- fenestralis* Skuse, 1889: 1384 (*Scatopse*). Type-locality: Australia, New South Wales. Ref. – Cook, 1974: 70 (syn.; cat.).
- peruana* (Enderlein, 1912): 275, fig. 7 (wing) (*Reichertella*). Type-locality: Peru, Mollendo. Type ♀, ZMD. Ref. – Edwards, 1925 (syn.); Duda, 1928b; Cook, 1967 (cat.).
- formicarium* Melander, 1916: 17, fig. 4 (whole specimen). Type-locality: U. S. A., Wisconsin, Madison.
- barrus* (McAtee, 1921): 123 (*Rhegmoclema*). Type-locality: U. S. A., Washington, D.C. Ref. – Cook, 1974: 70 (syn.). Type ♂, NMNH.
- capensis* (Enderlein, 1923): 67 (*Reichertella*). Type-locality: South Africa, Cape Town, Lightfoot. Ref. – Duda, 1928b (syn.). Type ♀?, MNM.
- acuticornis* (Enderlein, 1926): 139 (*Reichertella*). Type-locality: Australia, New South Wales, Victoria Mountain. Ref. – Duda, 1928b (syn.). Types 2 ♀, MNM; Cook, 1989: 185 (cat.).
- tunesica* (Enderlein, 1926): 138 (*Reichertella*). Type-locality, Tunisia, El Ariana. Ref. – Duda, 1928b (syn.); Krivosheina & Haenni, 1986: 309 (cat.). Type ♀, MNM.
- algerica* (Enderlein, 1926: 139) (*Reichertella*). Type-locality, Algeria, Blidah-Medeah. Ref. – Duda, 1928b (syn.); Krivosheina & Haenni, 1986: 309 (cat.). Type ♀, MNM.
- ferruginea* Enderlein, 1938: 666 (*Masatierra*). Type-locality: Juan Fernandez Isd., Masatierra. Ref. – Cook, 1957: 49 (syn.); Cook, 1967 (cat.). TYPE ?.
- coutinhoi* (Rabello & Forattini, 1962): 303, figs. 1a (wing), 1hl (halter), 2A-A’ (♂ term.), 2B-B’ (♀ term.), 3A-B (♂ segment 7), 3C (det. ♂ term.), 4A (larva), 4B (pupa) (*Rhexosa*). Type-locality: Brazil, State of São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref. – Cook, 1967 (cat.); Cook, 1974: 70 (syn.). Type ♂, MZSP.

Genus **Akorhexoza** Cook, 1978

Akorhexoza Cook, 1978: 31. Type-species: *Scatopse dampfi* Duda, 1928 (orig. des.).

Ref. – Amorim, 2007: 44.

cactivora Cook, 1978: 32, fig. 1 (♂ term.), 2 (♂ segment 7), 3 (♂ tergite 8), 4 (♀ term.). Type-locality: Mexico, Guanajuato, San Miguel de Allende. Distr. – Mexico (Guanajuato). Holotype ♂, UMIC.

dampfi (Duda, 1928b): 280, fig. 11 (♂ term.), pl. IV, fig. 3 (wing) (*Scatopse*). Type-locality: Mexico, Popotea. Distr. – Mexico (Popotea), U.S.A. (Texas). – Ref.: Cook, 1956a: 10 (resdescr.), figs. 5B (♂ term.), 5C (♂ segment 7); Cook, 1967: 4 (cat., as “*Rhexoza*”). Werner, 1997: 124 (types). Syntypes (10 males, 11 females), ZMB.

Genus **Abrhexosa** Freeman, 1990

Abrhexosa Freeman, 1990: 18. Type-species: *Scatopse thripsoides* Edwards, 1928 (orig. des.).

Ref. – Amorim, 2007: 46.

panamensis (Cook, 1956): 8, figs. 1C (♂ term.), 2C (♂ segment 7), 3C (♀ term.) (*Rhexoza*). Type-locality: Panama, Canal Zone, Ancon. Ref. – Cook, 1967: 4 (cat., as “*Rhexoza*”) Holotype ♂, NMNH.

Genus **Quateiella** Cook, 1975

Quateiella Cook, 1975: 63. Type-species: *Rhexosa quatei* Cook, 1955 (orig. des.). Ref. – Amorim (2007).

Ref. – Amorim, 2007: 46.

auricularis (Duda, 1928b): 283, text-figs. 12 (wing), 13-14 (♂ term.) (*Scatopse*). Type-locality: Mexico, Chapultepec, 2300 m. Ref. – Cook, 1967: 4 (cat., as “*Rhexoza*”). Syntypes 2 ♂, ZMB. **N. comb.**

diabolica (Duda, 1928b): 285, text-figs. 15 (♂ term.), 16 (wing) (*Scatopse*). Type-locality: Mexico, Huizquilican. Distr. – Mexico (Huizquilican, Chapingo). Ref. – Cook, 1967: 3 (cat., as *Rhegmoclemina* (*Neorhegmoclemina*)). Syntypes 5 ♂, ZMB. **N. comb.** Comments. The absence of macrotrichia on the posterior wing veins and the shape of the male terminalia indicate that the species clearly fits into the Swammerdamellini, most certainly belonging to *Quateiella*, as shown by the shape of T9 (see Amorim, 2007).

Genus **Brahemyia** Amorim, 2007

Brahemyia Amorim, 2007: 48. Type-species: *Rhexoza lobata* Cook, 1956 (orig. des.).

Ref. – The larva attributed to the genus has been illustrated in Guimarães & Amorim, 2006.

costaricana (Duda, 1928b): 286, figs. 17 (♂ term.), 18 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba; Mexico, Vera Cruz, Córdoba. Ref. – Cook, 1967 (cat., as *Scatopse*). Syntypes, 2 ♂, 2 ♀, MNM; ZMB. **N. comb.** Comments. Duda (1928b) called attention to the similarity of this species with *R. subnitens*; its inclusion in Swammerdamellini can be confirmed by the original description and the illustrations, especially of the wing. Inside the tribe, the extension of R₅ and the shape of CuA points to its inclusion in *Brahemyia*.

lobata (Cook, 1956a): 8, figs. 1G (♂ term.), 2F (♂ segment 7). Type-locality: Mexico, Córdoba, Vera Cruz. Ref. – Amorim, 2007: 50, figs. 17 (head), 18 (wing), 19 (thorax), 20 (♂ segment 7), 21-22 (♂ term.) (resdescr.). Holotype ♂, NMNH.

Unrecognizable and Unplaced Scatopsidae Species

- fulvitaris** Macquart of Lynch Arribálzaga, 1878: 298 (*Scatopse*). Type-locality: . Argentina, Buenos Aires. Inadequately described for recognition. Ref. – Cook, 1967: 5 (cat.). Type probably lost.
- hyalinata** Philippi, 1865: 640 (*Scatopse*). Type-locality: “Chile”. Unrecognizable. Ref. – Cook, 1967: 5 (cat.). Type probably lost.
- maritima** Duda, 1928b: 278, figs. 9 (leg), 10 (part of wing) (*Scatopse*). Type-locality: Mexico, Vera Cruz. Ref. – Cook, 1967 (cat., as *Scatopse*). Type ♀, DEI. Comment. This is most certainly a Scatopsinae, but the features available in the description do not allow a precise placement. The wing venation suggests a Swammerdamellini, but it does not seem necessary to guess a tribal or generic placement without examining the type.
- pallidipes** Lynch Arribálzaga, 1878: 298 (*Scatopse*). Type-locality: Argentina, Buenos Aires, Baradero. Unrecognizable. Ref. – Cook, 1967: 5 (cat.). Type probably lost.
- transatlantica** Philippi, 1865: 640 (*Scatopse*). Type-locality: Chile, Santiago. Unrecognizable –maybe an *Ectaetia*. Ref. – Cook, 1967: 5 (cat.). Type probably lost.

References

- AMORIM, D.S. 1982. *Sistemática filogenética dos Scatopsidae*. Master's Thesis, Universidade de São Paulo, São Paulo. v+173 pp+74 pl.
- AMORIM, D.S. 1989. A new species of *Diamphidicus* Cook (Diptera, Bibionomorpha, Scatopsidae) from Chile, with comments on the phylogenetic relationships of the genus. *Revta. bras. Entomol.* 33(3/4): 477-482.
- AMORIM, D.S. 1994. A new suprageneric classification of the Scatopsidae (Diptera: Psychodomorpha). *Iheringia, Sér. Zool.* (77): 107-112.
- AMORIM, D.S. 1998. Amber fossil Scatopsidae (Diptera: Scatopsidae). I. Considerations on Scatopsidae described fossils, *Procolobostema roseni* sp.n. from Dominican amber and the position of *Procolobostema* in the family. *Amer. Mus. Novit.* 3227: 1-17.
- AMORIM, D.S. 2007. Two new genera of Swammerdamellini (Diptera, Scatopsidae), with a discussion of the position of the species of *Rhexoza*. *Zootaxa* 1640: 41-53.
- AMORIM, D.S. & M.I.P.A. BALBI. 2006. *Anapausis* Enderlein (Diptera: Scatopsidae) in the Neotropical region, with three new species and comments on the phylogeny of the genus. *Zootaxa* 1300: 1-30.
- AMORIM, D.S. & J.-P. HAENNI. 1996. Types of Neotropical species of Scatopsidae (Diptera: Psychodomorpha). I. Edwards' Chilean and southern Argentinean species. *J. N.Y. Entom. Soc.* 104(1-2): 37-47.
- AMORIM, D.S. & D. YEATES. 2006. Pesky Gnats: Ridding Dipteran Classification of the "Nematocera". *Stud. dipt.* 13(1): 3-9.
- BLANCHARD, E. 1852. Orden IX. Dipteros, pp. 327-468. In: C. Gay (ed.), *Historia Física y Política de Chile, Zoología* 7: 471 pp. Paris.
- Chamberlain, V. 1941. New southern millipeds. *Bull. Univ. Utah, Biol. Ser.*, 6(5): 1-19.
- COLE, F.R. 1912. Some Diptera of Laguna Beach. *Ann. Rpt. Pomona Col. Laguna Mar. Lab.* 1: 150-162.
- COOK, E.F. 1955a. A contribution toward a monograph of family Scatopsidae (Diptera). 1. A revision of the genus *Rhegmoclema* Enderlein (= *Aldrovandiella* Enderlein) with particular reference to the North American species. *Ann. ent. Soc. Am.* 48: 240-251.
- COOK, E.F. 1955b. A contribution toward a monograph of family Scatopsidae (Diptera). 2. The genera *Rhegmoclemina* Enderlein, *Parascatopse* n.g., and new species of *Rhegmoclema*. *Ann. ent. Soc. Am.* 48: 351-364.
- COOK, E.F. 1956a. A contribution toward a monograph of family Scatopsidae (Diptera). 3. The genus *Rhexoza* Enderlein. *Ann. ent. Soc. Am.* 49: 1-12.
- COOK, E.F. 1956b. A contribution toward a monograph of family Scatopsidae (Diptera). 4. The genus *Swammerdamella* Enderlein. *Ann. ent. Soc. Am.* 49: 15-29.
- COOK, E.F. 1956c. A contribution toward a monograph of family Scatopsidae (Diptera). 5. The genus *Colobostema* Enderlein. *Ann. ent. Soc. Am.* 49: 325-332.
- COOK, E.F. 1957. A contribution toward a monograph of family Scatopsidae (Diptera). 6. The genera *Scatopse* and *Holoplagia* Enderlein. *Ann. ent. Soc. Am.* 49(1956): 593-611.
- COOK, E.F. 1958. A contribution toward a monograph of family Scatopsidae (Diptera). 7. The genus *Psectrosciara* Kieffer. *Ann. ent. Soc. Am.* 51: 587-595.
- COOK, E.F. 1963. Family Scatopsidae. In: Connecticut State Geological and Natural History Survey. Guide to the insects of Connecticut, pt. 6. The Diptera or true flies, fasc. 8. *Bull. Geol. Surv.* 93: 1-37.
- COOK, E.F. 1965a. A contribution toward a monograph of the Scatopsidae (Diptera). 8. The genus *Anapausis*. *Ann. ent. Soc. Am.* 58: 7-18.
- COOK, E.F. 1965b. Family Scatopsidae, pp. 237-241. In: Stone, A. et al. (eds.), *A catalog of the Diptera of America North of Mexico*. iv + 1696 pp.
- COOK, E.F. 1967. 22. Family Scatopsidae, pp. 1-9. In: Papavero, N. (ed.), *A catalogue of the Diptera of the Americas south of the United States*. Museu de Zoologia da Universidade de São Paulo, São Paulo.
- COOK, E.F. 1971a. Studies of the fossiliferous amber arthropods of Chiapas, Mexico. 2. Fossil Scatopsidae in Mexican amber (Diptera: Insecta). *Univ. Calif. Publ. Ent.* 63: 57-61.
- COOK, E.F. 1971b. The Australian Scatopsidae (Diptera). *Austr. J. Zool.*, Suppl., 8: 1-90.
- COOK, E.F. 1974. A synopsis of the Scatopsidae of the Palaearctic. 3. The Scatopsini. *J. nat. Hist.* 8(1):61-100.
- COOK, E.F. 1975. A reconsideration of the Nearctic *Rhexoza* (Diptera: Scatopsidae). *Pan-Pacific Ent.* 51: 62-75.
- COOK, E.F. 1978. A new genus and five new species of Scatopsidae from California, Mexico, El Salvador and Peru. *Pan-Pacific Ent.* 54: 31-37.
- COOK, E.F. 1981. 20. Scatopsidae, pp. 313-319. In: McAlpine, J.E. et alii (coords.). *Manual of Nearctic Diptera Vol. 1*. Research Branch, Agriculture Canada Monograph 27.
- COOK, E.F. 1989. Scatopsidae, p. 182-185. In: Evenhuis, N. (ed.), *Catalog of the Australasian and Oceanian Diptera*. Bishop Museum Press & E.J. Brill, Honolulu.
- COQUILLETT, D.W. 1910. The type species of North American genera of Diptera. *Proc. U.S. Natl. Mus.* 37: 499-647.
- DE GEER, C. 1776. *Mémoires pour servir à l'histoire des insectes*. P. Hesselberg, Stockholm. Vol. 6, 523 pp.
- DUDA, O. 1928a. 5. Scatopsidae, p. 1-62, Tafel. I-III. In Lindner, *Die Fliegen der palaearktischen Region*, Bd. II/1. Stuttgart, E. Schweizerbart'sche Verlagsbuchhandlung.
- DUDA, O. 1928b. Beitrag zur Kenntnis der aussereuropäischen Scatopsiden (Dipt.). *Konowia* 7: 259-297.
- EDWARDS, F.W. 1924. New species of Nematoceros Diptera

- from Fiji and Trinidad. *Ann. Mag. Nat. Hist.* (9)14: 568-574.
- EDWARDS, F.W. 1925. A synopsis of British Bibionidae and Scatopsidae (Diptera). *Ann. Appl. Biol.* 12: 263-275.
- EDWARDS, F.W. 1930. Scatopsidae, p. 88-98, pls. 9-10. *In: Diptera of Patagonia and South Chile based mainly on the material in the British Museum (Natural History)*. V. 2, fasc. 3. British Museum (Natural History), London.
- ENDERLEIN, G. 1905. *Thripomorpha paludicola* n.g., n.sp., eine neue deutsch flügellose Fliege. *Zool. Jahrb. Abt. f. Syst. Geogr. u. Biol. d. Tiere* 21: 447-450.
- ENDERLEIN, G. 1911. Die phyletischen Beziehungen der Lycoriiden (Sciariden) zu den Fungivoriden (Mycetophiliden) und Itonididen (Cecidomyiiden) und ihre systematische Gliederung. *Arch. Naturgesch.* 77(1)(Suppl. 3): 116-201, 2 pls.
- ENDERLEIN, G. 1912. Zur Kenntnis der Zygophthalmen. Über die Gruppierung der Sciariden und Scatopsiden. *Zool. Anz.* 40: 261-282.
- ENDERLEIN, G. 1923. Zur Kenntnis der Scatopsiden Süd-Afrikas. *Stettin. ent. Ztg.* 84:67.
- ENDERLEIN, G. 1926. Zur Kenntnis der Scatopsiden. *Zool. Anz.* 68: 137-142.
- ENDERLEIN, G. 1936. Ordnung Zweiflügler, Diptera, pp. 1-259. *In: BROHMER, P. et alii* (eds.), *Die Tierwelt Mitteleuropas* 6: Insekten, V. 3, Abt. 16. Leipzig.
- ENDERLEIN, G. 1938. Die Dipterenfauna der Juan-Fernandez-Inseln und der Oster-Insel, p. 643-680. *In: Skottsberg, K., ed., The natural history of Juan Fernandez and Easter Island*. Volume III. Zoology. Almqvist & Wiksells, Uppsala. 688 p.
- FABRICIUS, J.C. 1794 *Entomologia systematica emendata et aucta*. Vol. 4, [6] + 472 + [5] pp. C. G. Proft, Hafniae [= Copenhagen].
- FREEMAN, P. 1985. Scatopsidae, pp. 20-48, 54-74. *In: FREEMAN, P. & R.P. LANE*, Bibionid and scatopsid flies. Diptera Bibionidae and Scatopsidae. *Handbk. Ident. Br. Insects* 9(7). Royal Entomological Society of London, London.
- FREEMAN, P. 1990. Redescription of seven Oriental species of Scatopsidae (Diptera) described by F.W. Edwards in the genus *Scatopse*. *Entomol. monthl. Mag.* 126: 9-19.
- FROST, S.W. 1964. Insects taken in light traps at the Archbold Biological Station, Highlands County, Florida. *The Florida Entomologist* 47(2): 129-161.
- GEOFFROY, E.L. 1762. *Histoire abrégée des insectes qui se trouvent aux environs de Paris*. V. 2. Paris.
- GUIMARÃES, J.H. & AMORIM, D.S. 2006a. 14. Diptera, p. 147-160. *In: Costa, C.; S. Ide & C.E. Simonka* (Eds.), *Insetos Imaturos. Metamorfose e Identificação*. Holos, Editora, Ribeirão Preto.
- HAENNI, J.-P. 1995. Recognition of the genus *Thripomorpha* Enderlein, 1905, with new synonymies (Diptera, Scatopsidae). *Bull. Soc. ent. suisse* 68: 331-334.
- HAENNI, J.-P. 1997. 2.12. Family Scatopsidae, p. 255-272. *In: PAPP, L. & B. DARVAS* (eds.), *Contributions to a Manual of Palaearctic Diptera* (with special reference to flies of economic importance), Volume 2, Nematocera and Lower Brachycera. Science Herald, Budapest.
- HAENNI, J.-P. 1998. Scatopsidae. *In: MERZ B.; G. BÄCHLI; J.-P. HAENNI & Y. GONSETH* (eds), *Diptera - Checklist. Fauna Helvetica 1*. CSCF / SEG, Neuchâtel, p. 141-144.
- HAENNI, J.-P. & M. RAPP. 2003. First report of Scatopsidae (Diptera) from Belize, with description of three new species. *Bull. Soc. ent. suisse* 76: 235-243.
- HAENNI, J.-P. & F. VAILLANT. 1994. Description of dendrolimnobia larva of Scatopsidae (Diptera) with a review of our knowledge of the preimaginal stages of the family. *Mitt. schweiz. ent. Ges.* 67(1):43-59.
- HARDY, D.E. 1956. Diptera: Bibionidae and Scatopsidae. *Insects of Micronesia* 12(2):87-102.
- HENNIG, W. 1954. Flügelgäader und System der Dipteren unter Berücksichtigung des aus dem Mesozoikum beschriebenen Fossilien. *Beitr. Ent.* 4(3/4):245-388.
- HENNIG, W. 1973. Diptera (Zweiflüger). *In: HELMCKE, J.G. et alii* (eds.), *Handbuch der Zoologie*, Bd. 4: Arthropoda, 2. Hälfte: Insecta, 2. Aufl., 2 Teil: Spezielles. Walter de Gruyter, Berlin.
- HUERTA, H. & S. IBÁÑEZ-BERNAL. 2008. New records of Scatopsidae (Diptera) from southeastern Mexico, and descriptions of new species of *Swammerdamella* Enderlein and *Colobostema* Enderlein. *Zootaxa* 1720: 57-65.
- HUTSON, A.M. 1970. Corrections and additions to the list of British Nematocera (Diptera) since Kloet and Hinck's "A check list of British insects" (1945). Part 2. Scatopsidae. *Entom. Gaz.* 21: 117-123.
- I.C.Z.N. 1957. Opinion 441. Validation under the Plenary Powers for five genera in the Order Diptera (Class Insecta) published in 1762 by Geoffroy (E.L.) in the work entitled "Histoire abrégée des Insectes qui se trouvent aux environs de Paris" ("Opinion" supplementary to "Opinion" 228), pp. 83-120 (=pt. 6). *In: Hemming, F.* (ed), *Opinions and declarations rendered by the International Commission on Zoological nomenclature* 15: 530 pp. London.
- JOHANNSEN, O.A. 1946. Insects of Guam II. *Bull. Bishop Museum* 189: 187.
- KALUGINA, N. S. & V. G. KOVALEV. 1985. [*Dipterous insects of Jurassic Siberia*]. Moscow, Paleontol. Inst., Akad. Nauk, 198 pp. [In Russian].
- KOVALEV, V.G. 1986. [Infraorders Bibionomorpha and Asilomorpha.] *In: Insects in the early Cretaceous ecosystems of western Mongolia. Trudy Sovmest Sov.-Mongol. Paleontol. Ekped.* 28:125-154. [In Russian.]
- KIEFFER, J.J. 1911. *In: ENDERLEIN, G.* Die phyletischen Beziehungen der Lycoriiden (Sciariden) zu den Fungivoriden (Mycetophiliden) und Itonididen (Cecidomyiiden) und ihre systematische Gliederung. *Arch. f. Naturgesch.* 77(h. 1, Sup. 3): 116-201.
- KIEFFER, J.J. 1912. The Percy Sladen Trust Expedition to the Indian Ocean in 1905, under the leadership of Mr J. Stanley Gardiner, M.A. Anhang. Beschreibung neuer Sciariden von den Seychellen Inseln. *Trans. Linn. Soc. London (Zool.)* (2)15: 192-194.

- KRIVOSHEINA, N.P. & J.-P. HAENNI. 1986. Family Scatopsidae, p. 297-310. In: Sóos, A. & L. Papp (eds.), *Catalogue of the Palaearctic Diptera*. Volume 4, Sciaridae-Anisopodidae. Akadémiai Kiadó, Budapest.
- LINNAEUS, C. 1758. *Systema naturae per regna tria naturae*. Ed. 10, Vol. 1, 824 pp. Holmiae=Stockholm.
- LINNAEUS, C. 1767 *Systema naturae* ... Ed. 12 (revised.). Vol. 1, Pt 2, pp. 533-1327. L. Salvii, Holmiae [= Stockholm].
- LOEW, H. 1846. Fragmente zur Kenntnis der europäischen Arten einiger Dipterengattungen. *Linnaea Entomologica* 1:319-530.
- LYALL, E. 1929. The larvae and pupae of *Scatopse fuscipes* Mg. and a comparison of the known species of scatopsid larvae. *Ann. appl. Biol.* 16: 630-636.
- LYNCH ARRIBÁLAGA, F. 1878. Notas dipterológicas sobre los Bibionites del Baradero. *El Naturalista argentino* 1(10): 295-299.
- MCATEE, W.L. 1921. District of Columbia Diptera: Scatopsidae. *Proc. Ent. Soc. Wash.* 23:120-124.
- MEADE, A.B. & E.F. COOK. 1961. Notes on the biology of *Scatopse fuscipes* Meigen. *Ent. News* 72: 13-18.
- MEIGEN, J.W. 1804. *Klassifikation und Beschreibung der europäischen zweiflügeligen Insekten (Diptera Linn.)*. Erster Band. Abt. I. xxviii + pp. 1-152, Abt. II. vi + pp. 153-314. Reichard, Braunschweig [= Brunswick].
- MEIGEN, J.W. 1818. *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*. Erster Theil. F.W. Forstmann, Aachen. xxxvi + 332 + [1] pp.
- MEIGEN, J.W. 1830. *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten* 6. Schulz, Hamm. xi+401 pp.
- MEIGEN, J.W. 1838. *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*. Siebenter Theil oder Supplementband. Schultz, Hamm. xii + 434 + [1] pp.
- MELANDER, A.L. 1916. The dipterous family Scatopsidae. *Bull. Wash. agric. exp. Stn.* 130: 1-21.
- NEL, A. & J. PROKOP. 2004. New Paleogene Scatopsidae (Diptera: Nematocera) in amber from the Czech Republic and France. *Acta Soc. Zool. Bohem.* 68: 91-98.
- NEWMAN, E. 1834. Attempted division of the British Insects into natural Orders. *Entom. Magaz.* 2: 379-441.
- PHILIPPI, R.A. 1865. Aufzählung der chilenischen Dipteren. *Verh. k.k. zool.-bot. Ges. Wien* 15 (Abh.): 595-782.
- RABELLO, E.S. & O.P. FORATTINI. 1962. Sobre uma nova espécie do gênero *Rhexoza* Enderlein (Diptera, Scatopsidae). *Pap. Av. Dep. Zool.* 15: 303-309.
- ROHDENDORF, B. 1946. [Evolution of wing and phylogeny of nematoceran Diptera Oligoneura]. *Tr. Paleontol. Inst. Akad. Nauk SSSR* 13(2): 5-108. [In Russian].
- ROHDENDORF, B. B. 1951 [The organs of locomotion of the Diptera and their origin.] *Trudy Paleontol. Inst.* 35: 1-180. [In Russian].
- RUTHÉ, O.L. 1931. Einige Bemerkungen und Nachträge zu Meigen's "Systematisches Beschreibung der europäischen zweiflügeligen Insekten". *Isis*, 1831, II: 1203-1222.
- SABROSKY, C.W. 1999. Family-Group Names in Diptera and Bibliography. *Myia* 10: 1-576.
- SCHINER, I. R. 1864. *Fauna Austriaca*. Theil II. Heft 13/14: 481-658, i-xxxii.
- SCHRANK, F.P. 1781. *Enumeratio Insectorum Austriae Indigenorum*. Ausburg, 1-548.
- SCOPOLI, J.A. 1763. *Entomologica carniolica exhibens insecta carniolia indigena et distribute in ordines, genera, species, varietates, methodo Linneana*. Vindobonae [= Vienna], 1-420.
- SEGUY, E. 1940. Diptères Nematocères (Fungivoridae, Lycoriidae, Hesperidae, Bibionidae, Scatopsidae, Phryniidae, Pachyneuridae, Blephariceridae). *Faune de France* 36.
- SKUSE, F.A.A. 1889. Diptera of Australia. *Proc. Linn. Soc. N.S.W.* (2)3: 1382-1386.
- SPEISER, P. 1921. Ueber einige Scatopsiden (Dipt.). *Schr. phys.-ökol. Ges. Königsb.* 61/62: 83-84.
- WALKER, F. 1856. *Insecta Britannica, Diptera*. Volume 3. L. Reeve, London. xxiv + 352 pp., pls. 21-30.
- WALKER, F. 1848. *List of the specimens of dipterous insects in the collection of the British Museum*. 1: 229 pp.
- WERNER, D. 1997. Die Scatopsiden-Typen der Dipteren-Sammlung des Zoologischen Museums Berlin. *Mitt. Zool. Mus. Berl.* 73(1): 121-130.
- WILLISTON, S.W. 1896. On the Diptera of St. Vincent (West Indies). *Trans. Entomol. Soc. London* 1896: 253-446.
- WOOD, D.M. & A. BORKENT, 1989. Phylogeny and classification of the Nematocera, pp. 1333-1370. In: *Manual of the Nearctic Diptera*. Vol. 3. Res. Branch Agric. Canada Monogr. 32.
- ZETTERSTEDT, 1850. *Diptera Scandinaviae disposita et descripta*. Vol. 9, pp. 3367-3710. Lundae [=Lund.].

Index (Synonyms in *italics*)

- Abrhexosa Freeman, 1990 – 12
 abruptinervis (Duda, 1928) (Scatopse), Neorhegmoclemina – 7
 acroliphia (Cook, 1978) (Rhegmoclemina), Neorhegmoclemina – 7
 acuticornis (Enderlein, 1926) (Reichertella), Coboldia – 11
 Akorhexoza Cook, 1978 – 12
 albipennis (Fabricius, 1794) (*Tipula*), Scatopse – 9
 algerica (Enderlein, 1926) (Reichertella), Coboldia – 11
 Aldrovandiella Enderlein, 1912 – 6
 Anapausiini Amorim, 1994 – 5
 Anapausis Enderlein, 1912 – 5
 approximata Edwards, 1924, Swammerdamella – 11
 arizonense Cook, 1956, Colobostema – 9
 arnaudi Cook, 1978, Psectroschiara – 4
 asymmetrica (Cook, 1955) (Rhegmoclemina),
 Neorhegmoclemina – 7
 auricularis (Duda, 1928) (Scatopse), Quateiella – 12
 barrus (McAtee, 1921) (Rhegmoclema), Coboldia – 11
 bijleveldi Haenni & Rapp, 2003, Colobostema – 9
 bilaminata Cook, 1971 (Scatopse), Unreconized
 Rhegmoclematini – 8
 blantoni (Cook, 1955) (Rhegmoclema), Thripomorpha – 6
 Brahemyia Amorim, 2007 – 12
 brauni (Speiser, 1921) (Hoplologia) Cookella – 9
 cactivora Cook, 1978, Akorhexoza – 12
 californica (Cole, 1912) (Scatopse), Psectroschiara – 4
 capensis (Enderlein, 1923) (Reichertella), Coboldia – 11
 carbonaria Philippi, 1865, Scatopse – 9
 carolina Blanchard, 1852, Scatopse – 9
 caudata (Duda, 1928) (Aldrovandiella), Rhegmoclema – 7
 chaboti Haenni & Rapp, 2003, Thripomorpha – 6
 chilensis Amorim, 1989, Diamphidicus – 6
 clavivorus (Duda, 1928) (Scatopse), Rhegmoclemina – 7
 clivicola Amorim & Balbi, 2006, Anapausis – 5
 Coboldia Melander, 1916 – 11
 Colobostema Enderlein, 1926 – 9
 Colobostematini Amorim, 1994 – 9
 constricta (Edwards, 1930) (Scatopse), Neorhegmoclemina – 7
 Cookella Freeman, 1989 – 9
 cornuta Edwards, 1930, Ectactia – 4
 costaricana Duda, 1928 (Scatopse) – 12
 coutinhoi (Rabello & Forattini, 1962) (*Rhexosa*), Coboldia – 11
 dampfi Duda, 1928, Akorhexoza – 12
 diabolica (Duda, 1928) (Scatopse), Quateiella – 12
 Diamphidicina Amorim, 1994 – 6
 Diamphidicus Cook, 1971b – 6
 dubia Meigen, 1804, Scatopse – 9
 Ectactia Enderlein, 1912 – 4
 Ectactinae Enderlein, 1963 – 4
 Efcookella Freeman, 1990 – 9
 femoralis Meigen, 1838, Scatopse – 9
 fenestralis Skuse, 1889, Scatopse – 7
 flavida Cook, 1955, Parascatopse – 7
 ferruginea (Enderlein, 1938) (Masatierra), Coboldia – 11
 formicarium Melander, 1916, Coboldia – 11
 fulvitaris Macquart of Lynch Arribálzaga, 1878 (Scatopse),
 unrecognizable – 13
 fuscinervis (Edwards, 1930) (Psectroschiara), Anapausis – 5
 fuscipes (Meigen, 1830) (Scatopse), Coboldia – 11
 glabra Meigen, 1838, Scatopse – 9
 glochis Cook, 1978, Swammerdamella – 11
 grogani Huerta & Ibáñez-Bernal, 2008, Swammerdamella – 11
 guamensis (Johannsen, 1948) (Scatopse), Hoploglaga – 10
 hoffmannae Huerta & Ibáñez-Bernal, 2008, Colobostema – 9
 Holoclema Amorim & Haenni, 1996 – 6
 Holoclematina, subtr.n. – 5
 Hoploglaga Enderlein, 1912 – 9
 hurdi Cook, 1971, Procolobostema – 10
 hyalinata Philippi, 1865 (Scatopse), unrecognizable – 13
 incisum Cook, 1971, Procolobostema – 10
 jamaicensis Cook, 1958, Psectroschiara – 4
 lasiopa Duda, 1928, Ectactia – 4
 latrinarium (DeGeer, 1776) (*Tipula*), Scatopse – 8
 lobata (Cook, 1956) (Rhexosa), Brahemyia – 12
 longicorne Cook, 1971, Procolobostema – 10
 longipennis Skuse, 1889, Scatopse – 9
 marginata Cook, 1956, Swammerdamella – 11
 maritima Duda, 1928, (Scatopse), unrecognizable – 13
 Masatierra Enderlein, 1938, Coboldia – 11
 mayana Amorim & Balbi, 2006, Anapausis – 5
 mexicana Duda, 1928, Psectroschiara – 4
 minuta Meigen, 1818, Scatopse – 8
 mojingae Cook, 1956, Swammerdamella – 11
 mourei Amorim & Balbi, 2006, Anapausis – 5
 nectarea (Linnaeus, 1767) (*Musca*), Scatopse – 8
 Neorhegmoclemina Cook, 1955 – 7
 nitens Walker, 1848, Scatopse – 9
 notata (Linnaeus, 1758) (*Tipula*), Scatopse – 8
 obscurum Cook, 1971, Procolobostema – 10
 pallidipes Lynch Arribálzaga, 1878 (Scatopse),
 unrecognizable – 13
 panamensis (Cook, 1956) (Rhexosa), Abrhexosa – 12
 Pararhexosa Freeman, 1990 – 10
 Parascatopse Cook, 1955 – 7
 Parascatopsina Amorim, 1994 – 7
 parvula Blanchard, 1852, Coboldia – 11
 peruana Enderlein, 1912, Coboldia – 11
 prima Cook, 1971, Swammerdamella – 11
 primula Cook, 1971 (Scatopse), unreconized
 Rhegmoclematini – 8
 Procolobostema Cook, 1971 – 10
 Psectroschiara Kieffer, 1911 – 4
 Psectroschiarinae Cook, 1963 – 4
 Psectroschiarini Cook, 1963 – 4
 punctata Meigen, 1818, Scatopse – 9
 Quateiella Cook, 1975 – 12
 recurva Loew, 1846, Coboldia – 11
 Rhaeboza Enderlein, 1936 – 11
 Rhegmoclema Enderlein, 1912 – 7
 Rhegmoclematina Cook, 1965 – 6
 Rhegmoclematini Cook, 1965 – 5
 Rhegmoclemina Enderlein, 1936 – 7
 Rhegmoclemini Cook, 1955 – 5
 roseni Amorim, 1998, Procolobostema – 10
 rossi Cook, 1958, Psectroschiara – 4
 rotundum Cook, 1956, Colobostema – 9
 sagitata Cook, 1956, Swammerdamella – 11
 Scatopse Geoffroy, 1762 – 8
 scatopsiformis Enderlein, 1912, Psectroschiara – 5

Catalogue of the Neotropical Diptera. Scatopsidae

- Scatopsinae Newman, 1834 – 4, 5
Scatopsini Newman, 1834 – 8
serrata Cook, 1958, Psectrosciara – 5
setifera Edwards, 1930, Holoclema – 6
simplex Walker, 1856, Coboldia – 11
sp. Cook, 1990, Neorhegmoclemina – 8
stradivarius Haenni & Rapp, 2003, Psectrosciara – 5
Scatopsites Newman, 1834 – 4
Scatopsoidea Rohdendorf, 1951 – 4
Swammerdamella Enderlein, 1912 – 10
- Swammerdamellini Cook, 1972 – 10
Thripomorpha Enderlein, 1905 – 6
transatlantica Philippi, 1865 (Scatopse), unrecognizable – 13
trichioneura (Duda, 1928) (Scatopse), Neorhegmoclemina – 8
tubifera (Edwards, 1930) (Scatopse), Pararhexosa – 10
tunesica (Enderlein, 1926), Reichertella – 11
variatum Cook, 1956, Colobostema – 9
?willistoni (McAtee, 1921), Neorhegmoclemina – 8
wirthi Amorim & Balbi, 2006, Anapausis – 5
wirthi Cook, 1955, Parascatopse – 7