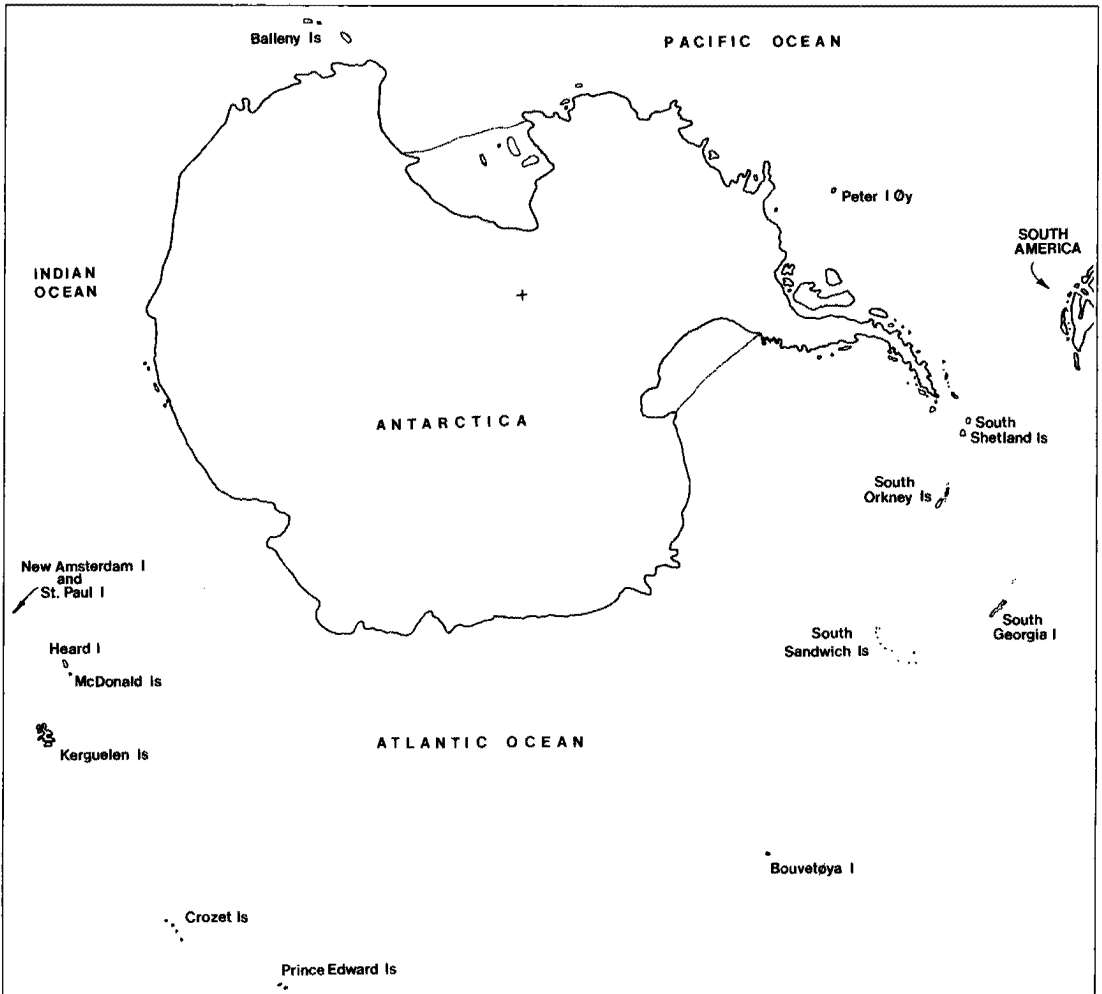


Appendix I. Diptera of Antarctica and Subantarctic Islands

By Neal L. Evenhuis

The Diptera listed here are those names that have not been listed in other regional catalogs. The areas covered here are figured in Map 3 and include the following: Antarctica, Balleny Is, Bouvetøya I, Crozet Is, Heard I, New Amsterdam

I, Kerguelen Is, McDonald I, Peter I Øy, Prince Edward (Marion) I, Saint Paul I, South Georgia I, South Orkney Is, South Sandwich Is, South Shetland Is.



Map 3 Map of Antarctica and most of the subantarctic islands treated in Appendix I of this catalog.

Family TIPULIDAE

(contributed by Pjotr Oosterbroek)

Subfamily LIMONIINAE**TRIBE ERIOPTERINI****Genus ERIOPTERA Meigen***POLYMEDA* Meigen, 1800: 14. Suppressed by I.C.Z.N., 1963b: 339.**ERIOPTERA** Meigen, 1803: 262. Type species: *Erioptera lutea* Meigen, 1804, des. Coquillett, 1910: 593.**Subgenus TRIMICRA Osten Sacken****TRIMICRA** Osten Sacken, 1861: 290. Type species: *Trimicra anomala* Osten Sacken, 1861 [= *Tipula pilipes* Fabricius, 1787], mon.**antarctica** Schiner, 1868: 42 (*Trimicra*). St. Paul I.**pauliani** Séguy, 1960: 144 (*Trimicra*). New Amsterdam I. **N. comb.***stenopectera* Séguy, 1960: 144 (*pauliani* f.). New Amsterdam I. **N. syn.****sanctipauli** Schiner, 1868: 43 (*Trimicra*). St. Paul I; New Amsterdam I.**strasseni** Enderlein, 1903: 257. St. Paul I; New Amsterdam I.**Family TRICHOCERIDAE**

(contributed by Pjotr Oosterbroek)

Genus TRICHOCERA Meigen**TRICHOCERA** Meigen, 1803: 262. Type species: *Tipula hiemalis* De Geer, 1776, mon.*PALAEOPETAURISTA* Séguy, 1940: 225. Type species: *Palaeopetaurista dubitata* Séguy, 1940 [= *Trichocera maculipennis* Meigen, 1818], orig. des.**maculipennis** Meigen, 1818: 214. Austria; Kerguelen Is; India, Holarctic Reg.*dubitata* Séguy, 1940: 226. Kerguelen Is.**regelationis** Linnaeus, 1758: 587 (*Tipula*). Sweden; South Georgia I; Falkland Is, Holarctic Reg.*georgianus* Brèthes, 1925: 169 (*Trichocerodes*). South Georgia I & Falkland Is.**Family KEROPLATIDAE**

(contributed by Loïc Matile)

Subfamily MACROCERINAE**Genus MACROCERA Meigen****MACROCERA** Meigen, 1803: 261. Type species: *Macrocera lutea* Meigen, 1804, des. Curtis, 1837a: 637.**crozetensis** Colless, 1970a: 27. Crozet Is.**Family SCIARIDAE****Genus LYCORIELLA Frey****LYCORIELLA** Frey, 1942: 36. Type species: *Sciara vivida* Winnertz, 1867 [misid., = *Sciara auripila* Winnertz, 1867], orig. des.

auberti Séguy, 1940: 211 (*Sciara*). Kerguelen Is.

caesar Johannsen, 1929: 223 (*Sciara*). Canada; South Georgia I.

solani Winnertz, 1871: 855 (*Sciara*). Germany; Crozet Is; Tristan da Cunha, Palearctic Reg.

Genus SCIARA Meigen

LYCORIA Meigen, 1800: 17. Suppressed by I.C.Z.N., 1963b: 339.

SCIARA Meigen, 1803: 263. Type species: *Tipula thomae* Linnaeus, 1767, mon.

jeanneli Séguy, 1940: 210. Kerguelen Is; New Amsterdam I.

patricii Séguy, 1960: 138. New Amsterdam I.

womersleyi Séguy, 1940: 210. Kerguelen Is; Macquarie I.

Family PSYCHODIDAE

(contributed by Derek A. Duckhouse)

Subfamily PSYCHODINAE

PSYCHODINI

Genus PSYCHODA Latreille

PSYCHODA Latreille, 1796: 152. Type species: *Tipula phlaenoides* Linnaeus, 1758, subs. mon.
Latreille, 1802: 424.

parthenogenetica Tonnoir, 1940: 53 (*severini* ssp.). Europe; Crozet Is, Kerguelen Is, Marion I; Australia (SA), Azores Is, Japan, Juan Fernandez Is, Korea, Macquarie I, NZ (Campbell I, NZ), South Georgia I.

phalaenoides Linnaeus, 1758: 588 (*Tipula*). Not given [unknown]; ?New Amsterdam I; Holarctic Reg.

Family SCATOPSIDAE

Subfamily SCATOPSINAE

Tribe SCATOPSINI

Genus SCATOPSE Geoffroy

SCATOPSE Geoffroy, 1762: 450. Type species: *Tipula albipennis* Fabricius, 1794 [= *Tipula notata* Linnaeus, 1758], des. Latreille, 1810: 442. [Validated by I.C.Z.N., 1957: 86.]

notata Linnaeus, 1758: 588 (*Tipula*). "Europa"; New Amsterdam I; Australia, Holarctic Reg.

Family SIMULIIDAE

(contributed by Roger W. Crosskey)

Subfamily SIMULIINAE

PROSIMULIINI

Genus CROZETIA Davies

CROZETIA Davies, 1965: 167. Type species: *Simulium crozetense* Womersley, 1937, orig. des.

crozetensis Womersley, 1937b: 66 (*Simulium*). Crozet Is.

Family CHIRONOMIDAE

(contributed by Peter S. Cranston & Jon Martin)

Subfamily PODONOMINAE

Genus MICROZETIA Séguy

MICROZETIA Séguy, 1965b: 285. Type species: *Microzetia mirabilis* Séguy, 1965, orig. des. **mirabilis** Séguy, 1965b: 286. Crozet Is.

Genus PAROCHLUS Enderlein

PAROCHLUS Enderlein, 1912e: 109. Type species: *Parochlus feugianus* Enderlein, 1912, orig. des. **KOHLIUM** Enderlein, 1930c: 245. Type species: *Kohlium steinenii* Gercke, 1889, orig. des. **crozetensis** Serra-Tosio, 1986: 150. Crozet Is.
steinenii Gercke, 1889: 153 (*Tanypus*). South Georgia I; Antarctica, South Shetland Is.
steineni, error for *steinenii*.

Subfamily TELMATOGETONINAE

Genus TELMATOGETON Schiner

TELMATOGETON Schiner, 1866c: 931 [1868: 25]. Type species: *Telmatogeton sanctipauli* Schiner, 1866, mon.
HALIRYTUS Eaton, 1875: 60. Type species: *Halirytus amphibius* Eaton, 1875, mon.
JACOBSIELLA Rübsaamen, 1906: 83. Type species: *Belgica magellanica* Jacobs, 1900, mon.
amphibius Eaton, 1875: 60 (*Halirytus*). Kerguelen Is; Crozet Is.
magellanicus Jacobs, 1900: 106 (*Belgica*). Chile (Tierra del Fuego); Antarctica.
sanctipauli Schiner, 1866c: 931 [1868: 25]. St. Paul I; New Amsterdam I.

Subfamily ORTHOCLADIINAE

Genus BELGICA Jacobs

BELGICA Jacobs, 1900: 106. Type species: *Belgica antarctica* Jacobs, 1900, des. Rübsaamen, 1906: 77.
PROTOBELGICA Séguy, 1965b: 287. Type species: *Protobelgica albipes* Séguy, 1965, orig. des. **antarctica** Jacobs, 1900: 107. Antarctica.
albipes Séguy, 1965b: 288 (*Protobelgica*). Crozet Is.

Genus ERETMOPTERA Kellog

ERETMOPTERA Kellog, 1900: 82. Type species: *Eretmoptera browni* Kellogg, 1900, orig. des. **murphyi** Schaeffer, 1914: 91. South Georgia I; South Orkney Is.

Genus LIMNOPHYES Eaton

LIMNOPHYES Eaton, 1875: 60. Type species: *Limnophyes pusillus* Eaton, 1875 [= *Chironomus minimus* Meigen, 1818], mon.
minimus Meigen, 1818: 47 (*Chironomus*). Germany; Kerguelen Is; widesp. Holarctic Reg.
pusillus Eaton, 1875: 60. Kerguelen Is.

Family DOLICHOPODIDAE

(contributed by D.J. Bickel & C.E. Dyte)

Subfamily HYDROPHORINAE**Genus HYDROPHORUS Fallén****HYDROPHORUS** Fallén, 1823e: 2. Type species: *Hydrophorus nebulosus* Fallén, 1823, by validation of I.C.Z.N., 1985a: 162.**antarcticus** Schiner, 1868: 221. St. Paul I; New Amsterdam I.**Unplaced species of Dolichopodidae****kerguelensis** Enderlein, 1909: 435 (*Chrysotus*). Kerguelen Is.**Family MICROPEZIDAE****Subfamily CALYCOPTERYGINAE****Genus CALYCOPTERYX Eaton****CALYCOPTERYX** Eaton, 1875: 59. Type species: *Calycopteryx mosleyi* Eaton, 1875, mon.**mosleyi** Eaton, 1875: 59. Kerguelen Is; Heard I, McDonald I.ssp. **minor** Enderlein, 1909a: 469 (*mosleyi* var.). Kerguelen Is.ssp. **mosleyi** s. str. Kerguelen Is; Heard I, McDonald I.*moseleyi*, error for *mosleyi*.**Family PALLOPTERIDAE****Genus HELOPARIA Enderlein****HELOPARIA** Enderlein, 1912: 46. Type species: *Heloparia ehelofi* Enderlein, 1912, orig. des.**ehelofi** Enderlein, 1912: 47. Falkland Is; South Georgia I.**Family PIOPHILIDAE**

(contributed by Brian R. Pitkin)

Genus PIOPHILA Fallén**PIOPHILA** Fallén, 1810a: 20. Type species: *Musca casei* Linnaeus, 1758, mon.**TYROPHAGA** Kirby in Kirby & Spence, 1826: 78. Type species: *Musca casei* Linnaeus, 1758, mon.**casei** Linnaeus, 1758: 597 (*Musca*). Not given [Europe]; New Amsterdam I; almost cosmopol.**Family HELCOMYZIDAE**

(contributed by Brian R. Pitkin)

Genus PARACTORA Bigot**PARACTORA** Bigot, 1888b: 38. Type species: *Paractora fuegiana* Bigot, 1888, mon.**dreuxi** Séguy, 1965a: 778. Crozet Is; Marion I.ssp. **dreuxi** s. str. Crozet Is.ssp. **mirabilis** Séguy, 1971: 346. Marion I.

jeanneli Séguy, 1940: 241. Marion I.

trichosterna Thomson, 1869: 602 (*Orygma*). "Patagonia"; South Georgia I; Argentina, Falkland Is.

Family HELEOMYZIDAE

Genus PROSOPANTRUM Enderlein

PROSOPANTRUM Enderlein, 1912: 135. Type species: *Prosopantrum austrinum* Enderlein, 1912, orig. des.

austrinum Enderlein, 1912: 135. South Georgia I.

Family SPHAEROCERIDAE

(contributed by Stephen A. Marshall)

Genus ANATALANTA Eaton

ANATALANTA Eaton, 1875: 59. Type species: *Anatalanta aptera* Eaton, 1875, mon.

aptera Eaton, 1875: 59. Kerguelen Is; Crozet Is, Heard I.

formicaeformis Enderlein, 1903: 226. Kerguelen Is.

var. *gracilis* Enderlein, 1909a: 430. Kerguelen Is.

crozetensis Enderlein, 1909a: 400. Crozet Is.

Genus ANTROPS Enderlein

ANTROPS Enderlein, 1909b: 225. Type species: *Antrops truncipennis* Enderlein, 1909, mon.

truncipennis Enderlein, 1909b: 228. Chile (Tierra del Fuego); South Georgia I; Falkland Is.

nivalis, authors, not Bigot, 1888, misid.

Genus ARCHIBORBORUS Duda

ARCHIBORBORUS Duda, 1921: 126. Type species: *Borborus hirtipes* Macquart, 1843, des. Richards, 1930: 267.

Subgenus PROCOPROMYZA Richards

PROCOPROMYZA Richards, 1931: 67. Type species: *Archiborborus albicans* Richards, 1931, orig. des.

koenigi Duda in Holdhaus *et al.*, 1931: 175. South Georgia I.

Genus CHAETOPODELLA Duda

CHAETOPODELLA Duda, 1925a: 75 (*Limosina* subg.). Type species: *Limosina scutellaris* Haliday, 1836, mon.

scutellaris Haliday, 1836: 329 (*Limosina*). Ireland & England; New Amsterdam I; Afghanistan, Palearctic Reg.

Genus LEPTOCERA Olivier

LEPTOCERA Olivier, 1813: 489. Type species: *Leptocera nigra* Olivier, 1813, mon.

Subgenus LEPTOCERA Olivier

LEPTOCERA Olivier, 1813: 489 (as gen.). Type species: *Leptocera nigra* Olivier, 1813, mon.

caenosa Rondani, 1880: 36. Italy; South Shetlands Is; cosmopol.

nigra Olivier, 1813: 489. France; St. Paul I; Afrotrop., Oriental, Palearctic Regs.

curvinervis Stenhammar, 1854: 406 (*Limosina*). Sweden.

sanctipauli Séguy, 1940: 252. St. Paul I.

Subgenus RACHISPODA Lioy

RACHISPODA Lioy, 1864a: 1116 (as gen.). Type species: *Copromyza limosa* Fallén, 1820, mon.
limosa Fallén, 1820b: 8 (*Copromyza*). Sweden; New Amsterdam I; Holarctic Reg.

Genus SIPHLOPTERYX Enderlein

SIPHLOPTERYX Enderlein, 1909a: 401. Type species: *Siphlopteryx antarctica* Enderlein, 1909, mon.
antarctica Enderlein, 1909a: 401. Crozet Is.
antarctita, error for *antarctica*.

Unplaced species of Sphaeroceridae

mediospinosa Duda, 1925a: 182 (*Limosina*). Chile; South Shetlands Is; widesp. S Hemisphere.

Family DROSOPHILIDAE

Subfamily DROSOPHILINAE

Genus SCAPTOMYZA Hardy

SCAPTOMYZA Hardy, 1850: 361. Type species: *Drosophila graminum* Fallén, 1823, des. Coquillett, 1910: 603.
graminum Fallén, 1823d: 8 (*Drosophila*). Sweden; St. Paul I; Holarctic Reg.

Family EPHYDRIDAE

(contributed by Wayne N. Mathis)

Genus AMALOPTERYX Eaton

AMALOPTERYX Eaton, 1875: 58. Type species: *Amalopteryx maritima* Eaton, 1875, mon.
maritima Eaton, 1875: 58. Kerguelen Is; Crozet Is, Heard I; Macquarie I.

Genus SCATELLA Robineau-Desvoidy

SCATELLA Robineau-Desvoidy, 1830: 801. Type species: *Scatella buccata* Robineau-Desvoidy, 1830 [= *Ephydra stagnalis* Fallén, 1813], des. Coquillett, 1910: 603.
sanctipauli Schiner, 1868: 243. St. Paul I.

Family TETHINIDAE

(contributed by Wayne N. Mathis & M. Sasakawa)

Genus APETAENUS Eaton

APETAENUS Eaton, 1875: 58. Type species: *Apetaenus litoralis* Eaton, 1875, mon.
MACROCANACE Tonnoir & Malloch, 1926a: 5. Type species: *Milichia littorea* Hutton, 1902, orig. des.
APETENUS, error for *Apetaenus*.
litoralis Eaton, 1875: 58. Kerguelen Is; Crozet Is, Heard I, Marion I; Macquarie I.

Genus LISTRIOMASTIX Enderlein

LISTRIOMASTIX Enderlein, 1909a: 396. Type species: *Listriomastix litorea* Enderlein, 1909, orig. des. *litorea* Enderlein, 1909a: 396. Crozet Is; Kerguelen Is, Marion I.

Family ANTHOMYIIDAE
(contributed by Adrian C. Pont)

Genus FUCELLIA Robineau-Desvoidy

FUCELLIA Robineau-Desvoidy, 1842: 269. Type species: *Fucellia arenaria* Robineau-Desvoidy, 1842 [= *Scatophaga maritima* Haliday, 1838], mon.

maritima Haliday — not Antarctic/Subantarctic.

tergina Zetterstedt, 1845: 1690 (*Anthomyza*). Sweden; Crozet I, Kerguelen Is, New Amsterdam, St. Paul I; Australia, Easter I, Afrotrop. (Gough I, Tristan da Cunha), Nearctic, W Palearctic Regs.

Family MUSCIDAE
(contributed by Adrian C. Pont)

Genus MUSCA Linnaeus

MUSCA Linnaeus, 1758: 589. Type species: *Musca domestica* Linnaeus, 1758, des. I.C.Z.N., 1925: 1. **domestica** Linnaeus, 1758: 596. Europe & America; St. Paul I; cosmopol.

Family FANNIIDAE
(contributed by Adrian C. Pont)

Genus EURYOMMA Stein

EURYOMMA Stein, 1899: 19. Type species: *Euryomma hispaniense* Stein, 1899 [= *Anthomyia peregrina* Meigen, 1826], mon.

peregrinum Meigen, 1826: 187 (*Anthomyia*). Germany; New Amsterdam I; cosmotrop.

Genus FANNIA Robineau-Desvoidy

FANNIA Robineau-Desvoidy, 1830: 567. Type species: *Fannia saltatrix* Robineau Desvoidy, 1830 [= *Musca scalaris* Fabricius, 1794], mon.

albitarsis Stein — not Antarctic/Subantarctic.

canicularis Linnaeus, 1761: 454 (*Musca*). Sweden; Kerguelen Is, Marion I, New Amsterdam I, St. Paul I; cosmopol.

Family CALLIPHORIDAE**Genus CALLIPHORA Robineau-Desvoidy**

CALLIPHORA Robineau-Desvoidy, 1830: 433. Type species: *Musca vomitoria* Linnaeus, 1758, orig. des.

croceipalpis Jaennicke, 1867: 376. Ethiopia; New Amsterdam I, St. Paul I; widesp. E to S Africa. *antarctica* Schiner, 1868: 308 (*vomitoria* var.). St. Paul I.

vicarians Brauer & Bergenstamm, 1891: 420. *Nomen nudum*.

capensis Brauer & Bergenstamm, 1981: 442. Unavailable name; originally published in synonymy with *vicarians* Brauer & Bergenstamm, not subsequently made available.

vomitoria, authors, not Linnaeus, 1758, misid.