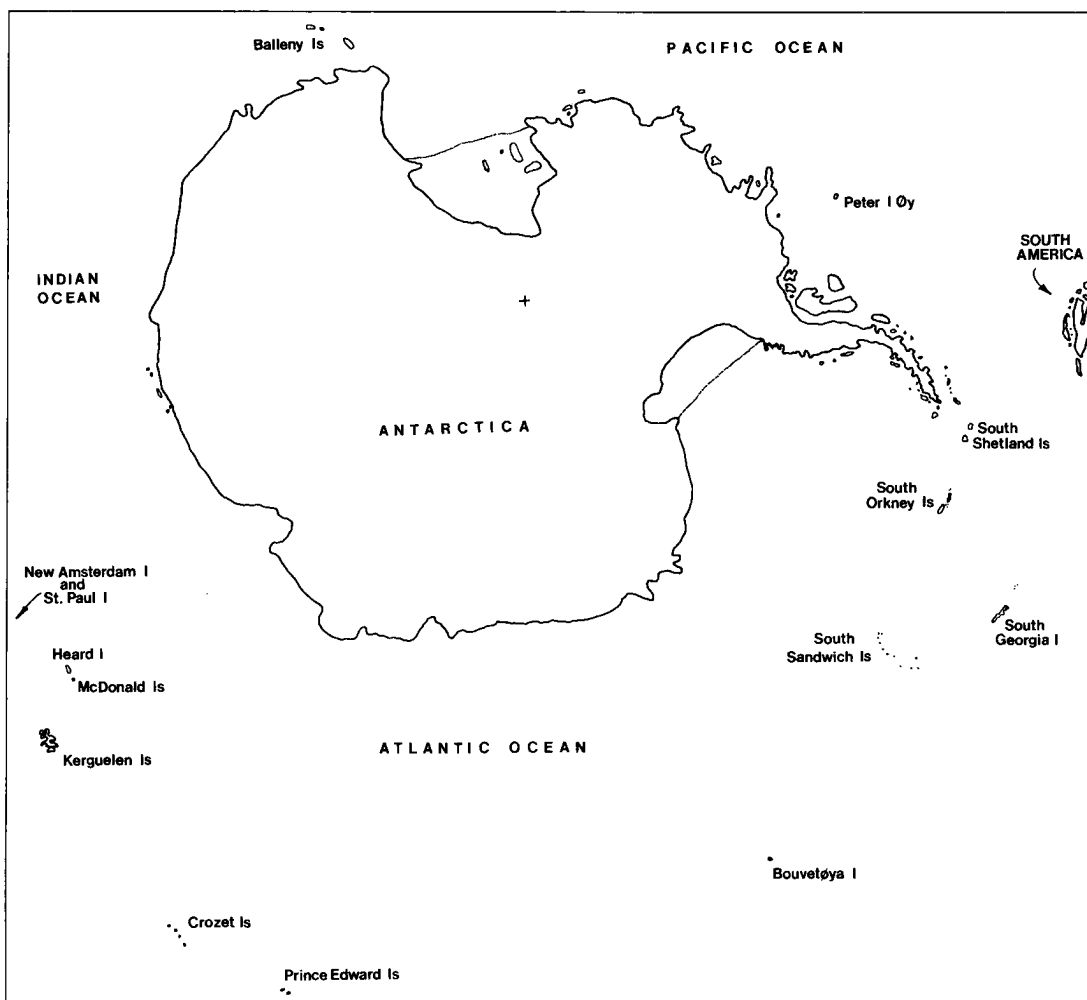


## Appendix I. Diptera of Antarctica and Subantarctic Islands

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, 1823*e*: 2. Type species: *Hydrophorus nebulosus* Fallén, 1823, by validation of I.C.Z.N., 1985*a*: 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, 1909*a*: 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 ekelofi* Enderlein, 1912, orig. des. *ekelofi* Enderlein, 1912: 47. Falkland Is; South Georgia I.

**Family PIOPHILIDAE**  
(contributed by Brian R. Pitkin)

**Genus PIOPHILA Fallén**

**PIOPHILA** Fallén, 1810*a*: 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, 1888*b*: 38. Type species: *Paractora fuegiana* Bigot, 1888, mon.  
**dreuxi** Séguy, 1965*a*: 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: *Prosopanthrum 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 (Tiera 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** Toninoir & 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** Jaenicke, 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.