

Appendix 1: Nematoda (Chap. 5.3)

Table 1 Phylogenetic species list of (sub-)Antarctic marine free-living Nematoda

PHYLUM NEMATODA Potts, 1932	
Class ENOPLA Inglis, 1983	
Subclass ENOPLIA Pearse, 1942	
Order Enoplida Filipjev, 1929	
Suborder Enoplina Chitwood & Chitwood, 1937	
Family Enoplidae Dujardin, 1845	
<i>Enoplus heardensis</i> Mawson, 1958	
<i>Enoplus michaelsoni</i> Linstow, 1896	
<i>Enoplus micrognathus</i> Allgén, 1947	
<i>Enoplus paralittoralis</i> Wieser, 1953	
Family Thoracostomopsidae Filipjev, 1927	
<i>Enoplolaimus acanthospiculum</i> Allgén, 1959	
<i>Enoplolaimus arcospiculum</i> Allgén, 1959	
<i>Enoplolaimus falklandiae</i> Allgén, 1959	
<i>Enoplolaimus filiformis</i> (Allgén, 1935)	
<i>Enoplolaimus niger</i> Allgén, 1959	
<i>Enoplolaimus notopropinquus</i> Allgén, 1959	
<i>Enoplolaimus opacus</i> Allgén, 1959	
<i>Enoplolaimus propinquus</i> de Man, 1922	
<i>Enoplolaimus vulgaris</i> (de Man, 1893)	
<i>Epacanthion brevispiculosum</i> Mawson, 1958	
<i>Epacanthion brevispiculum</i> Mawson, 1956	
<i>Epacanthion filicaudatum</i> Mawson, 1956	
<i>Fenestrolaimus antarcticus</i> Mawson, 1956	
<i>Mesacanthion brachycolle</i> Allgén, 1959	
<i>Mesacanthion infantile</i> (Ditlevsen, 1930)	
<i>Mesacanthion kerguelense</i> Mawson, 1958	
<i>Mesacanthion pacificum</i> Allgén, 1947	
<i>Mesacanthion virile</i> (Ditlevsen, 1930)	
<i>Mesacanthoides caputmedusae</i> (Ditlevsen, 1918)	
<i>Mesacanthoides latignathus</i> (Ditlevsen, 1918)	
<i>Metenoploides alatus</i> Wieser, 1953	
<i>Oxyonchus australis</i> (de Man, 1904) Mawson, 1956	
<i>Oxyonchus brachysetosus</i> Allgén, 1959	
<i>Oxyonchus crassicollis</i> Allgén, 1959	
<i>Oxyonchus dentatus</i> (Ditlevsen, 1918) Filipjev, 1927	
<i>Oxyonchus macrodon</i> Allgén, 1959	
<i>Oxyonchus notodentatus</i> Allgén, 1959	
<i>Oxyonchus parastateni</i> Allgén, 1959	
<i>Oxyonchus stateni</i> (Allgén, 1930)	
<i>Oxyonchus subantarcticus</i> Mawson, 1958	
<i>Paramesacanthion allgeni</i> Mawson, 1958	
<i>Paramesacanthion estridium</i> Wieser, 1953	
<i>Paramesacanthion oxycephalum</i> (Ditlevsen, 1926)	
<i>Paramesacanthion tricuspis</i> (Schuurmans Stekhoven, 1950)	
Family Anoplostomatidae Gerlach & Riemann, 1974	
<i>Anoplostoma campbelli</i> Allgén, 1932	
<i>Anoplostoma tenuisetum</i> Allgén, 1959	
<i>Chaetonema amphora</i> Wieser, 1953	
<i>Chaetonema steineri</i> (Filipjev, 1927)	
Family Phanodermatidae Filipjev, 1927	
<i>Klugea longiseta</i> Mawson, 1956	
<i>Klugea truncata</i> Mawson, 1956	
<i>Micoletzkyia anomala</i> Wieser, 1953	
<i>Micoletzkyia austrogeorgiae</i> Allgén, 1954	
<i>Micoletzkyia falklandiae</i> Allgén, 1954	
<i>Micoletzkyia nudicapitata</i> Allgén, 1959	
<i>Phanoderma banzare</i> Mawson, 1956	
<i>Phanoderma campbelli</i> Allgén, 1927	
<i>Phanoderma cocksi</i> Bastian, 1865	
<i>Phanoderma laticolle</i> (Marion, 1870)	
<i>Phanoderma paracampbelli</i> Allgén, 1958	
<i>Phanoderma parasiticum</i> Ditlevsen, 1926	
<i>Phanoderma speculum</i> Schuurmans Stekhoven & Mawson, 1955	
<i>Phanoderma tuberculatum</i> (Eberth, 1863) Bastian, 1865	
<i>Phanoderma wieseri</i> Mawson, 1956	
<i>Phanodermopsis ingrami</i> Mawson, 1958	
Family Anticomidae Filipjev, 1918	
<i>Anticoma acuminata</i> (Eberth, 1863) Stekhoven, 1950	
<i>Anticoma allgeni</i> Platonova, 1968	
<i>Anticoma campbelli</i> Allgén, 1932	
<i>Anticoma columba</i> Wieser, 1953	
<i>Anticoma curticauda</i> Platonova, 1968	
<i>Anticoma filicauda</i> Mawson, 1956	
<i>Anticoma graciliceps</i> Platonova, 1968	
<i>Anticoma kerguelensis</i> Mawson, 1958	
<i>Anticoma longissima</i> Allgén, 1958	
<i>Anticoma major</i> Mawson, 1956	
<i>Anticoma pellucida</i> Bastian, 1865	
<i>Anticoma pushkini</i> Platonova, Belogurov & Sheenko, 1979	
<i>Anticoma subsimilis</i> Cobb, 1914	
<i>Anticoma tenuis</i> Allgén, 1930	
<i>Anticoma trichura</i> Cobb, 1898	
<i>Anticoma wieseri</i> Mawson, 1958	
<i>Anticomopsis typica</i> Micoletzky, 1930	
<i>Antopus serialis</i> (Baylis, 1916)	
<i>Paranticoma antarctica</i> Mawson, 1956	
<i>Paranticoma odhneri</i> Allgén, 1959	
<i>Paranticoma tubuliphora</i> Wieser, 1953	
Suborder Trefusiina Siddiqi, 1983	
Family Simpliconematidae Blome & Schrage, 1985	
<i>Simpliconema aenigmatodes</i> Blome & Schrage, 1985	
Family Trefusiidae Gerlach, 1966	
<i>Trefusia axonolaimoides</i> Allgén, 1953	
Family Xenellidae De Coninck, 1965	
<i>Xennella filicaudata</i> (Allgén, 1954)	
Suborder Oncholaimina De Coninck, 1965	
Family Oncholaimidae Filipjev, 1916	
<i>Adoncholaimus austrogeorgiae</i> Allgén, 1959	
<i>Adoncholaimus crassicaudus</i> Wieser, 1953	

<i>Adoncholaimus falklandiae</i> Allgén, 1959
<i>Adoncholaimus thalassophygas</i> (de Man, 1876)
<i>Curvolaimus decipiens</i> Wieser, 1953
<i>Metaparoncholaimus macrouraios</i> Mawson, 1958
<i>Metoncholaimoides squalus</i> Wieser, 1953
<i>Metoncholaimus antarcticus</i> (Linstow, 1896)
<i>Oncholaimellus carlbergi</i> Allgén, 1947
<i>Oncholaimus dujardini</i> de Man, 1876
<i>Oncholaimus leptos</i> Mawson, 1958
<i>Oncholaimus longissimus</i> Allgén, 1959
<i>Oncholaimus notolangrunensis</i> Allgén, 1959
<i>Oncholaimus notoviridis</i> Allgén, 1958
<i>Oncholaimus notoxyuris</i> Allgén, 1959
<i>Oncholaimus paradjardini</i> Allgén, 1959
<i>Oncholaimus paraegypticus</i> Mawson, 1956
<i>Oncholaimus paralangrunensis</i> (Allgén, 1947)
<i>Oncholaimus paredron</i> Mawson, 1958
<i>Oncholaimus rotundicaudatus</i> Allgén, 1959
<i>Oncholaimus thysanouraios</i> (Mawson, 1958)
<i>Oncholaimus viridis</i> (Bastian, 1865)
<i>Pelagonema longicaudum</i> (Allgén, 1953)
<i>Pelagonema obtusicauda</i> Filipjev, 1918
<i>Pelagonema tenue</i> (Kreis, 1928)
<i>Pontonema cobbi</i> Mawson, 1956
<i>Pontonema leidy</i> Mawson, 1956
<i>Pontonema propinquum</i> (Allgén, 1930)
<i>Pontonema serratodentatum</i> Mawson, 1956
<i>Viscosia antarctica</i> Allgén, 1959
<i>Viscosia brachydonta</i> Allgén, 1959
<i>Viscosia brevicaudata</i> Mawson, 1958
<i>Viscosia brevilaima</i> Allgén, 1959
<i>Viscosia carmleyensis</i> (Ditlevsen, 1921)
<i>Viscosia cryptodentata</i> Allgén, 1959
<i>Viscosia falklandiae</i> Allgén, 1959
<i>Viscosia glabra</i> (Bastian, 1865) de Man, 1890
<i>Viscosia graham</i> Allgén, 1959
<i>Viscosia langrunensis</i> (de Man, 1890)
<i>Viscosia parafalklandiae</i> Allgén, 1959
<i>Viscosia parapellucida</i> (Cobb, 1898)
<i>Viscosia propinqua</i> Allgén, 1959
<i>Viscosia similis</i> Allgén, 1959
<i>Viscosia subantarctica</i> Allgén, 1959
<i>Viscosia tenuilaima</i> Allgén, 1959
<i>Viscosia tenuissima</i> Allgén, 1959
<i>Viscosia viscosa</i> (Bastian, 1865) de Man, 1890
<i>Viscosia wieseri</i> Mawson, 1958

Family Enchelidiidae Filipjev, 1918
<i>Calyptonema axonolaimoides</i> Allgén, 1959
<i>Calyptonema mawsoni</i> Mawson, 1958
<i>Calyptonema retrocellatum</i> (Wieser, 1953)
<i>Catalaimus maxweberi</i> (de Man, 1922)
<i>Ditlevsenella tertia</i> Wieser, 1953
<i>Enchelidium filicolle</i> Allgén, 1959
<i>Eurystomina fenestella</i> Wieser, 1953
<i>Eurystomina filicaudatum</i> (Allgén, 1959)
<i>Eurystomina ornata</i> (Eberth, 1863)
<i>Eurystomina stenolaima</i> (Ditlevsen, 1930)
<i>Eurystomina tenuicaudata</i> Allgén, 1932
<i>Ledovitia fallae</i> Mawson, 1958
<i>Polygastrophora hexabulba</i> (Filipjev, 1918)
<i>Polygastrophora octobulba</i> Micoletzky, 1930
<i>Symplocostoma tenuicolle</i> (Eberth, 1863)

Suborder Ironina Siddiqi, 1983
Family Ironidae de Man, 1876
<i>Dolicholaimus marioni</i> (de Man, 1888)
<i>Syringolaimus striatocaudatus</i> de Man, 1888
<i>Thalassironus bipartitus</i> Wieser, 1953

Family Leptosomatidae Filipjev, 1916
<i>Deontostoma antarcticum</i> (Linstow, 1892)
<i>Deontostoma arcticum</i> (Ssawelljev, 1912)
<i>Deontostoma aucklandiae</i> (Ditlevsen, 1921)
<i>Deontostoma demani</i> (Mawson, 1956)
<i>Deontostoma timmerchio</i> Hope, 1974
<i>Leptosomatides antarcticus</i> Mawson, 1956
<i>Leptosomatides conisetosus</i> Schuurmans Stekhoven & Mawson, 1955
<i>Leptosomatum arcticum</i> Filipjev, 1916
<i>Leptosomatum clavatum</i> Platonova, 1958
<i>Leptosomatum crassicutis</i> Platonova, 1958
<i>Leptosomatum gracile</i> Bastian, 1865
<i>Leptosomatum kerguelense</i> Platonova, 1958
<i>Leptosomatum sabangense</i> Steiner, 1915
<i>Paraleptosomatides elongatus</i> Mawson, 1956
<i>Paraleptosomatides spiralis</i> Mawson, 1956
<i>Platycomopsis dimorphica</i> Mawson, 1956
<i>Platycomopsis paracobb</i> Mawson, 1956
<i>Pseudocella brachychaites</i> Mawson, 1958
<i>Pseudocella elegans</i> (Ditlevsen, 1926)
<i>Pseudocella panamaensis</i> (Allgén, 1947)
<i>Pseudocella polychaites</i> (Mawson, 1958)
<i>Pseudocella tabarini</i> (Inglis, 1958)
<i>Pseudocella trichodes</i> (Leuckart, 1849)
<i>Synonchus fasciculatus</i> Cobb, 1893
<i>Thoracostoma angustifissulatum</i> Mawson, 1956
<i>Thoracostoma anocellatum</i> Schuurmans Stekhoven & Mawson, 1954
<i>Thoracostoma arcticum</i> Ssaveljev, 1912
<i>Thoracostoma campbelli</i> Ditlevsen, 1921
<i>Thoracostoma chilense</i> (Steiner, 1921)
<i>Thoracostoma coronatum</i> (Eberth, 1863) Marion, 1870
<i>Thoracostoma falklandiae</i> Allgén, 1959
<i>Thoracostoma microfenestratum</i> Allgén, 1959
<i>Thoracostoma papillosum</i> Ditlevsen, 1921
<i>Thoracostoma parasetosum</i> Mawson, 1958

<i>Thoracostoma schizoepestylum</i> Mawson, 1958
<i>Thoracostoma setosum</i> (Linstow, 1896)
<i>Thoracostoma unifenestratum</i> Allgén, 1959

Family Oxystominidae Chitwood, 1935
<i>Halalaimus brachyaulax</i> Mawson, 1958
<i>Halalaimus ciliocaudatus</i> Allgén, 1932
<i>Halalaimus comatus</i> Wieser, 1953
<i>Halalaimus diacros</i> Mawson, 1958
<i>Halalaimus filicaudatus</i> Allgén, 1959
<i>Halalaimus fletcheri</i> Mawson, 1958
<i>Halalaimus gracilis</i> de Man, 1888
<i>Halalaimus longicollis</i> Allgén, 1932
<i>Halalaimus macquariensis</i> Mawson, 1958
<i>Halalaimus marri</i> Mawson, 1958
<i>Nemanema brachyure</i> Allgén, 1959
<i>Nemanema campbelli</i> Allgén, 1932
<i>Nemanema cylindraticaudatum</i> de Man, 1922
<i>Nemanema obtusicauda</i> (Allgén, 1959)
<i>Oxystomina antarctica</i> Mawson, 1956
<i>Oxystomina elongata</i> Bütschli, 1874
<i>Oxystomina filicaudata</i> Allgén, 1959
<i>Oxystomina greenpatchi</i> Allgén, 1959
<i>Oxystomina mirabilis</i> Allgén, 1959
<i>Oxystomina oxycaudata</i> (Ditlevsen, 1926)
<i>Oxystomina pulchella</i> Vitiello, 1970
<i>Oxystomina tenuicollis</i> Allgén, 1959
<i>Oxystomina vespertilio</i> Wieser, 1953
<i>Thalassolaimus spissus</i> (Allgén, 1932)

Suborder Tripyloidina De Coninck, 1965
Family Tripyloididae Filipjev, 1918
<i>Bathylaimus australis</i> Cobb, 1894
<i>Bathylaimus austrogeorgiae</i> Allgén, 1959
<i>Paratripyloides viviparus</i> (Cobb, 1930) Wieser, 1956

Order Triplonchida Cobb, 1920
Suborder Tobrilina Tsalolikhin, 1976
Family Rhabdodemaniidae Filipjev, 1934
<i>Rhabdodemania calycolaimus</i> Schuurmans Stekhoven & Mawson, 1955
<i>Rhabdodemania minor</i> (Southern, 1914)

Family Pandolaimidae Belogurov, 1980
<i>Pandolaimus latilaimus</i> (Allgén, 1929)

Subclass DORYLAIMIA Inglis, 1983
Order Mononchida Jairajpuri, 1969
Suborder Mononchina Kirjanova & Krall, 1969
Family Mononchidae Chitwood, 1937
<i>Mononchus gertachei</i> (de Man, 1904)

Class CHROMADOREA
Subclass CHROMADORIA
Order Chromadorida Chitwood, 1933
Suborder Chromadorina Filipjev, 1929
Family Chromadoridae Filipjev, 1917
<i>Acantholaimus quintus</i> Gerlach, Schrage & Riemann, 1979
<i>Actinonema longicaudatum</i> (Steiner, 1918)
<i>Actinonema pachydermatum</i> Cobb, 1920
<i>Atrochromadora microlaima</i> (de Man, 1889)
<i>Atrochromadora parva</i> (de Man, 1893) Wieser, 1954
<i>Chromadora nudicapitata</i> (Bastian, 1865)
<i>Chromadorella cobbiana</i> Johnston, 1938
<i>Chromadorella filiformis</i> (Bastian, 1865)
<i>Chromadorita brachypharynx</i> (Allgén, 1932)
<i>Chromadorita ceratoserolis</i> Lorenzen, 1986
<i>Chromadorita gracilis</i> (Filipjev, 1922)
<i>Chromadorita minor</i> (Allgén, 1927) Wieser, 1954
<i>Chromadorita mucrodonta</i> (Steiner, 1916)
<i>Chromadorita pharetra</i> Ott, 1972
<i>Dichromadora antarctica</i> (Cobb, 1914) Timm, 1978
<i>Dichromadora dissipata</i> Wieser, 1954
<i>Dichromadora parva</i> Vermeeren, Vanreusel & Vanhove, 2004
<i>Dichromadora polaris</i> Vermeeren, Vanreusel & Vanhove, 2004
<i>Dichromadora polarsternis</i> Vermeeren, Vanreusel & Vanhove, 2004
<i>Dichromadora quadripapillata</i> Muthumbi & Vincx, 1998
<i>Dichromadora southernis</i> Vermeeren, Vanreusel & Vanhove, 2004
<i>Dichromadora weddellensis</i> Vermeeren, Vanreusel & Vanhove, 2004
<i>Euchromadora amokurae</i> (Ditlevsen, 1921)
<i>Euchromadora denticulata</i> (sp incertae sedis) Cobb, 1914
<i>Euchromadora meridiana</i> (sp incertae sedis) Cobb, 1914
<i>Euchromadora vulgaris</i> (Bastian, 1865)
<i>Graphonema amokurae</i> (Ditlevsen, 1921) Inglis, 1971
<i>Neochromadora aberrans</i> Cobb, 1930
<i>Neochromadora complexa</i> Gerlach, 1953
<i>Neochromadora craspedota</i> (Steiner, 1916)
<i>Neochromadora edentata</i> (Cobb, 1914)
<i>Neochromadora notocraspedota</i> Allgén, 1958
<i>Neochromadora poecilosoma</i> (de Man, 1893) Micoletzky, 1926
<i>Prochromadorella antarctica</i> (Cobb, 1914)
<i>Prochromadorella conicaudata</i> (Allgén, 1927) Wieser, 1954
<i>Prochromadorella paramucrodonta</i> (Allgén, 1929) Wieser, 1951
<i>Spiliphora dolichura</i> de Man, 1893
<i>Spiliphora edentata</i> (Cobb, 1914)
<i>Spiliphora gracilicauda</i> (de Man, 1893) Wieser, 1954
<i>Spilophorella campbelli</i> Allgén, 1928
<i>Spilophorella paradoxa</i> (de Man, 1888)

Family Neotonchidae Wieser & Hopper, 1966
<i>Neotonchus chamberlaini</i> Wieser & Hopper, 1966

Family Cyatholaimidae Filipjev, 1918

Cyatholaimus gracilis (Eberth, 1863)
Longicyatholaimus longicaudatus (de Man, 1876)
Maryllynna macrodentata (Wieser, 1959)
Maryllynna quadriseta Hopper, 1972
Metacyatholaimus spatiosus Wieser, 1954
Paracanthonchus arcospiculum Allgén, 1959
Paracanthonchus axonolaimoides Allgén, 1960
Paracanthonchus caecus (Bastian, 1865)
Paracanthonchus elongatus (de Man, 1906)
Paracanthonchus falklandiae Allgén, 1959
Paracanthonchus macrospiralis Allgén, 1959
Paracanthonchus paralongus Allgén, 1959
Paracanthonchus paramacrodon (Allgén, 1951)
Paracanthonchus spectabilis Allgén, 1931
Paracanthonchus stateni Allgén, 1930
Pomponema multipapillatum Filipjev, 1922
Praeacanthonchus kreisi (Allgén, 1929)
Praeacanthonchus punctatus (Bastian, 1865)

Family Selachnematidae Cobb, 1915

Cheironchus conicaudatus Allgén, 1959
Halichoanolaimus chordiurus Gerlach, 1955
Halichoanolaimus dolichurus Ssaweljev, 1912
Halichoanolaimus minor Ssaweljev, 1912
Halichoanolaimus ovalis (Ditlevsen, 1921)
Halichoanolaimus robustus (Bastian, 1865)

Order Desmodorida De Coninck, 1965

Suborder Desmodorina De Coninck, 1965

Family Desmodoridae Filipjev, 1922

Acanthopharynx merostomacha (Steiner, 1921)
Chromaspirina crinita Gerlach, 1952
Croconema stateni Allgén, 1928
Desmodora campbelli (Allgén, 1932)
Desmodora microchaeta (Allgén, 1929)
Desmodora minuta Wieser, 1954
Desmodora scaldensis de Man, 1889
Desmodorella abyssorum (Allgén, 1929)
Desmodorella aff. *balteata* Verschelde, Gourbault & Vincx, 1998
Desmodorella tenuispiculum (Allgén, 1928)
Laxus septentrionalis Cobb, 1914
Molgolaimus allgeni Allgén, 1935
Molgolaimus australis Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus carpediem Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus drakus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus exceptionregulum Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus falliturvisus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus gallucci Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus gigaslongicus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus gigasproximus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus liberalis Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus macilenti Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus mareprofundus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus nettoensis Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus sabakii Muthumbi & Vincx, 1996
Molgolaimus sapiens Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus tenuispiculum Ditlevsen, 1921
Molgolaimus unicus Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus walbethi Fonseca, Vanreusel & Decraemer, 2006
Molgolaimus xuxunaraensis Fonseca, Vanreusel & Decraemer, 2006
Onyx ferox (Ditlevsen, 1921) Gerlach, 1951
Paradesmodora campbelli (Allgén, 1932) Gerlach, 1963
Pseudometachromadora longilaima (Schuurmans Stekhoven, 1950)
Pseudonchus symmetricus De Coninck, 1942
Spirinia gnaigeri Ott, 1977
Spirinia parasitifera (Bastian, 1865) Gerlach, 1963
Spirinia septentrionalis (Cobb, 1914) Gerlach, 1963
Spirinia tenuicauda (Allgén, 1959) Gerlach, 1963

Family Epsilonematidae Steiner, 1927

Archepsilonema celidotum Steiner, 1931
Bathyepsilonema brachycephalum Steiner, 1931
Bathyepsilonema drygalskii Steiner, 1931
Epsilonema cyrtum Steiner, 1931
Epsilonema docidocricum (Steiner, 1931)
Glochinema trispinatum Raes, Vanreusel & Decraemer, 2003

Family Draconematidae Filipjev, 1918

Cygnonema steineri Allen & Noffsinger, 1978
Draconactus suillus (Allgén, 1932) Allen & Noffsinger, 1978
Draconema antarcticum (Allen & Noffsinger, 1978)
Draconema cephalatum (Cobb, 1913)
Paradraconema antarcticum Allen & Noffsinger, 1978
Prochaetosoma campbelli (Allgén, 1932)
Prochaetosoma longicapitata Allgén, 1932

Family Microlaimidae Micoletzky, 1922

Bolbolaimus dentatus (Allgén, 1935)
Microlaimus dimorphus Chitwood, 1937
Microlaimus falklandiae Allgén, 1959
Microlaimus honestus (de Man, 1922)
Microlaimus kaurii Wieser, 1954
Microlaimus latilaimus Allgén, 1959
Microlaimus papilliferus Allgén, 1959
Microlaimus pinguis Wieser, 1954
Microlaimus sensus Wieser, 1954
Microlaimus texianus Chitwood, 1951

Family Monoposthiidae Filipjev, 1934

Monoposthia costata (Bastian, 1865)
Monoposthia desmodoroides Allgén, 1959
Monoposthia falklandiae Allgén, 1959

Monoposthia grahami Allgén, 1959
Monoposthia mirabilis Schulz, 1932
Monoposthia paramediterranea (Allgén, 1959)
Nudora campbelli (Schulz, 1935) Wieser, 1954

Order Desmoscolecida Filipjev, 1929

Family Desmoscolecidae Shipley, 1896

Antarcticonema comicapitatum Timm, 1978
Desmoscolex amaurus Lorenzen, 1972
Desmoscolex antarcticos Timm, 1970
Desmoscolex articulatus Timm, 1978
Desmoscolex campbelli Allgén, 1946
Desmoscolex cristatus (Allgén, 1932)
Desmoscolex frigidus Timm, 1978
Desmoscolex gerlachi Timm, 1970
Desmoscolex labiosus Lorenzen, 1969
Desmoscolex max Timm, 1970
Desmoscolex parafalklandiae Allgén, 1955
Desmoscolex spinosus Decraemer, 1976
Greeffiella antarctica Timm, 1978
Quadricoma avicapitata Timm, 1978
Quadricomoides magna (Timm, 1970)
Tricoma antarctica Timm, 1970
Tricoma curvicauda (Timm, 1978)
Tricoma maxima (Schepotieff, 1907)
Tricoma nematoides (Greeff, 1869)
Tricoma pontica (Filipjev, 1922)
Tricoma septentrionalis Timm, 1978
Usarpnema auriculatum Timm, 1978

Order Monhysterida Filipjev, 1929

Suborder Monhysterina De Coninck & Schuurmans Stekhoven, 1933

Family Monhysteridae de Man, 1876

Halomonhystera disjuncta Bastian, 1865
Halomonhystera uniformis Cobb, 1914
Longitubopharynx obtusicaudatus Allgén, 1959
Monhystera macquariensis Allgén, 1929
Thalassomonhystera parva (Bastian, 1865)

Family Sphaerolaimidae Filipjev, 1918

Sphaerolaimus arcospiculum Allgén, 1959
Sphaerolaimus campbelli Allgén, 1927
Sphaerolaimus gracilis de Man, 1876
Sphaerolaimus hirsutus Bastian, 1865
Sphaerolaimus pacificus Allgén, 1947

Family Xyalidae Chitwood, 1951

Austronema (*Dub*) *spirurum* Cobb, 1914
Cobbia dentata Gerlach, 1953
Cobbia mawsoni Cobb, 1930
Daptonema acanthospiculum (Allgén, 1959)
Daptonema alternus (Wieser, 1956)
Daptonema dentatus (Wieser, 1956)
Daptonema filispiculum (Allgén, 1932)
Daptonema fistulatus (Wieser & Hopper, 1967)
Daptonema normandicus (de Man, 1890)
Daptonema resimus (Wieser, 1959)
Daptonema septentrionalis (Cobb, 1914)
Daptonema tortus (Wieser & Hopper, 1967)
Elzalia tenuis Allgén, 1959
Filipjeva crucis Blome & Schräge, 1985
Linhystera longa Pastor de Ward, 1985
Linhystera problematica Juario, 1974
Manganonema antarctica Fonseca, Vanreusel & Decraemer, 2006

Paramonhystera biforma Wieser, 1956
Paramonhystera geraerti Chen & Vincx, 2000
Paramonhystera megacephala Wieser, 1956
Paramonhystera proteus Wieser, 1956
Rhynchonema megamphida Boucher, 1974
Steineria pilosa Cobb, 1914
Steineridora loricata (Steiner, 1916)
Theristus acer Bastian, 1865
Theristus conicaudatus Allgén, 1959
Theristus filicaudatus Allgén, 1959
Theristus horridus Steiner, 1916
Theristus normandicus (de Man, 1890)
Theristus oistospiculum (Allgén, 1930)
Theristus paravelox Allgén, 1934
Theristus pellucidus Allgén, 1939
Theristus problematicus (Allgén, 1928)
Theristus velox (Bastian, 1865)

Suborder Linhomoeina Andrássy, 1974

Family Siphonolaimidae Filipjev, 1918

Siphonolaimus falklandiae Allgén, 1959
Siphonolaimus smetti Chen & Vincx, 2000

Family Linhomoeidae Filipjev, 1922

Anticyathus septentrionalis (Cobb, 1914)
Desmolaimus conicaudatus Allgén, 1959
Desmolaimus macrocirculus Allgén, 1959
Desmolaimus propinquus Allgén, 1959
Disconema falklandiae Allgén, 1959
Linhomoeus elongatus Bastian, 1865
Metalinhomoeus biformis Juario, 1974
Metalinhomoeus filiformis (de Man, 1907)
Metalinhomoeus leptosoma Allgén, 1959
Metalinhomoeus longiseta Kreis, 1929
Metalinhomoeus retrosetosus Wieser, 1956
Metalinhomoeus setosus Chitwood, 1951
Metalinhomoeus tristis (Allgén, 1933)
Notosouthernia obtusicauda Allgén, 1959
Paralinhomoeus lepturus de Man, 1907
Paralinhomoeus macquariensis Allgén, 1929
Paralinhomoeus meridionalis Cobb, 1930
Paralinhomoeus tenuicaudatus (Bütschli, 1874)
Terschellingia claviger Wieser, 1956
Terschellingia communis de Man, 1888
Terschellingia longicaudata de Man, 1907
Terschellingia longispiculata Wieser & Hopper, 1967

Order Araeolaimida De Coninck & Schuurmans Stekhoven, 1933

Family Axonolaimidae Filipjev, 1918

Axonolaimus antarcticus Cobb, 1930
Axonolaimus austrogeorgiae Allgén, 1959
Axonolaimus spinosus (Bütschli, 1874)
Axonolaimus tenuicaudatus Allgén, 1959
Odontophora angustilaimoides Chitwood, 1951
Odontophora longisetosa (Allgén, 1928)
Odontophora peritricha Wieser, 1956
Odontophora polaris (Cobb, 1914)
Parodontophora pacifica (Allgén, 1947)
Parodontophora quadristicha (Schuurmans Stekhoven, 1950)

Family Comesomatidae Filipjev, 1918

Cervonema chilensis Chen & Vincx, 2000
Cervonema hermani Chen & Vincx, 2000
Cervonema papillatum Jensen, 1988
Cervonema shiae Chen & Vincx, 2000
Cervonema tenuicauda Schuurmans Stekhoven, 1950
Comesoma hermani Chen & Vincx, 1998
Comesoma tenuispiculum (Ditlevsen, 1921)
Dorylaimopsis magellanense Chen & Vincx, 1998
Dorylaimopsis punctatus Ditlevsen, 1918
Hopperia beaglense Chen & Vincx, 1998
Hopperia dorylaimopsoides Allgén, 1959
Laimella annae Chen & Vincx, 2000
Laimella filipjevi Jensen, 1979
Laimella longicauda Cobb, 1920
Laimella sandrae Chen & Vincx, 2000
Laimella subterminata Chen & Vincx, 2000
Metacomesoma cyatholaimoides Wieser, 1954
Sabatieria celtica Southern, 1914
Sabatieria coomansi Chen, 1999
Sabatieria curvispiculum (Allgén, 1959)
Sabatieria falcifera Wieser, 1954
Sabatieria furcillata Wieser, 1954
Sabatieria granifer Wieser, 1954
Sabatieria intermissa Wieser, 1954
Sabatieria kelletti Platt, 1983
Sabatieria lawsi Platt, 1983
Sabatieria mortenseni (Ditlevsen, 1921)
Sabatieria ornata (Ditlevsen, 1918)
Sabatieria parabyssalis Wieser, 1954
Sabatieria praedatrix de Man, 1907
Setosabatieria hilarula (de Man, 1922)
Vasostoma spiratum (Jensen, 1979)

Family Coninckiidae Lorenzen, 1981

Coninckia macrospirifera Zhang, 1983

Family Diplopeltidae Filipjev, 1918

Araeolaimus australis Allgén, 1959
Araeolaimus conicaudatus Allgén, 1959
Araeolaimus dubiosus Allgén, 1959
Araeolaimus elegans (de Man, 1888)
Araeolaimus obtusicaudatus Allgén, 1959
Araeolaimus ovalis Wieser, 1956
Araeolaimus paracylindricauda Allgén, 1959
Araeolaimus paradubiosus Allgén, 1959
Araeolaimus tenuicauda Allgén, 1959
Campylaimus inaequalis Cobb, 1920
Diplopeltis cirrhatus (Eberth, 1863)
Diplopeltula bulbosa Vitiello, 1972
Diplopeltula cylindricauda (Allgén, 1932)
Diplopeltula incisa (Southern, 1914)
Southerniella nojii Jensen, 1991.
Southerniella simplex (Allgén, 1932)

Order Plectida Malakhov, 1982

Family Leptolaimidae Örley, 1880

Camacolaimus ampullocaudatus Allgén, 1959
Camacolaimus austrogeorgiae Allgén, 1959
Camacolaimus cylindricauda Allgén, 1959
Camacolaimus falklandiae Allgén, 1959
Camacolaimus guillei de Bovée, 1977
Camacolaimus longicauda de Man, 1922
Camacolaimus macrocellatus Allgén, 1959
Camacolaimus paratardus Allgén, 1959
Camacolaimus spissus Allgén, 1959
Camacolaimus tardus de Man, 1889
Camacolaimus zostericola (Filipjev, 1918)
Ionema cobbi (Steiner, 1916)
Leptolaimus antarcticus (Cobb, 1914)
Leptoplectonema fuegoense Coomans & Raski, 1991
Necolaimus austrogeorgiae Allgén, 1959
Notocamacolaimus australis Allgén, 1959

Family Aegialoalaimidae Lorenzen, 1981

Aegialoalaimus conicaudatus Allgén, 1959
Aegialoalaimus elegans de Man, 1907
Aegialoalaimus paratenuicaudatus Allgén, 1959
Aegialoalaimus tenuicaudatus Allgén, 1932

Family Plectidae Örley, 1880

Plectus falklandiae Allgén, 1959
Plectus gisleni Allgén, 1951
Plectus grahami Allgén, 1951

Order Rhabditida Chitwood, 1933

Suborder Tylenchina Thorne, 1949

Family Cephalobidae Filipjev, 1934

Cephalobus incisocaudatus Allgén, 1951

Suborder Rhabditina Chitwood, 1933

Family Rhabditidae Örley, 1880

Rhabditis marina Bastian, 1865

