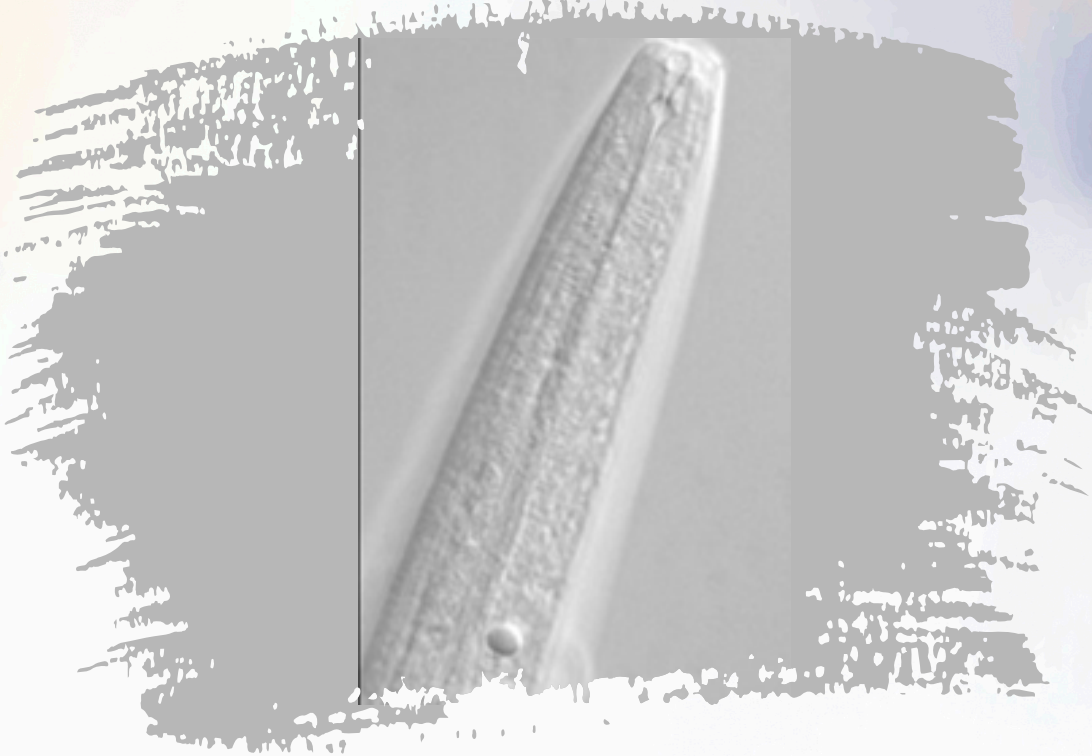


FAUNA OF INDIA CHECKLIST

JULY, 2024

ONLINE VERSION 1.0



NEMATODA: Part 2: FREE-LIVING MARINE NEMATODES

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Key words: Marine nematodes, free-living, checklist, India

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Comments on the checklist:

E-mail your comments
and suggestions to improve
the checklist to

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ZOOLOGICAL SURVEY OF INDIA
Ministry of Environment, Forest & Climate Change

NEMATODA: Part 2: FREE-LIVING MARINE NEMATODES

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Introduction: Free-living marine nematodes are ubiquitous and numerous organisms; four out of every five bottom-living aquatic multicellular animals that live at the planet's surface are nematodes (Bongers and Ferris, 1999). Though they are abundant in diversity, it is estimated that 50,000 species are still undiscovered (Appeltans *et al.*, 2012). These taxa are essential for both coastal and ocean ecosystems to function properly in terms of key ecosystem-level processes. Additionally, in the coastal benthic ecosystem, free-living marine nematodes have a significant impact on the cycling of important substances like carbon and nitrogen (Du *et al.*, 2014).

In India the early works on free-living marine nematodes was initiated by Timm (1956-1967). Significant works were later published by Rao and co-workers (1969-1993), Damodaran (1972-1973), Chinnadurai and co-workers (2006-2007), Nanajkar and co-workers (2007-2011), Annapurna and co-workers (2012-2018), Ansari and co-workers (2012-2018), Sivaleela and co-workers (2013-2022), Datta and co-workers (2014-2020), Jacob and co-workers (2015- 2020), Rizvi and co-workers (2018-2019), Ghosh and Mandal (2018), Datta and co-workers (2022).

Global diversity: 6, 900 species of free-living marine nematodes (Appeltans *et al.*, 2012).

Diversity in India: In India, 658 species belonging to 273 genera, 48 families, 9 orders and 2 classes are recorded.

Diversity in States (Table)

Sl. No.	State/Union Territory	No. Species
1	Andhra Pradesh	150
2	Arunachal Pradesh	0
3	Assam	0
4	Bihar	0
5	Chhattisgarh	0
6	Gujarat	47
7	Goa	56
8	Haryana	0
9	Himachal Pradesh	0
10	Jharkhand	0
11	Karnataka	66
12	Kerala	211
13	Madhya Pradesh	0
14	Maharashtra	190

Sl. No.	State/Union Territory	No. Species
15	Manipur	0
16	Meghalaya	0
17	Mizoram	0
18	Nagaland	0
19	Odisha	51
20	Punjab	0
21	Rajasthan	0
22	Sikkim	0
23	Tamil Nadu	271
24	Telangana	0
25	Tripura	0
26	Uttar Pradesh	0
27	Uttarakhand	0
28	West Bengal	53
29	Andaman & Nicobar	43
30	Chandigarh	0
31	Dadra Nagar Haveli, Daman & Diu	0
32	Delhi	0
33	Jammu & Kashmir	0
34	Ladakh	0
35	Lakshadweep	42
36	Puducherry	70
	INDIA TOTAL	658

Endemism: No endemism reported in Nematodes

Habitat: Present in sandy beaches, rocky shores, estuaries, mudflats.

Ecological Significance: Free -living marine nematodes are regarded as bioindicator of the health of the marine ecosystem, including reactions to disturbances (both natural and anthropogenic) (Heip *et al.*, 1985; Giere, 2009; Ridall and Ingels, 2021). A method for analysing the ecological effects of the Water Framework Directive (WFD, Directive 2000/60/EC) has also been suggested for the group (Moreno *et al.*, 2011). They play significant role in the breakdown of organic matter and recycling of nutrients and are also the source of food for higher trophic groups (Austen, 2004; Nascimento *et al.*, 2012).

Human Significance: Nil

Threatened species as per IUCN: Species of Nematodes are not assessed for IUCN threat categories.

Protected Species as per WPA (2022): Nematodes are not listed under any schedules of Wildlife Protection Act (2022).

Species under CITES: They are not listed under any appendices of CITES

Invasive alien species: Not assessed

Gap areas: Except for a few states Tamil Nadu, Kerala, Maharashtra, Andhra Pradesh the number of species reported is very less. Considering the huge diversity of free-living marine nematodes, it is expected that more studies can lead to new findings.

Systematic list:

- Phylum NEMATODA Cobb, 1932
 Class ENOPLEA Inglis, 1983
 Order ENOPLIDA Filipjev, 1929
 Family ANOPLSTOMATIDAE Gerlach & Riemann, 1974
 Genus *Anoplostoma* Butschli, 1874
 1. *A. campbelli* Allgén, 1932
 2. *A. macrospiculum* Sinha, Choudhury & Baqri, 1987
 3. *A. viviparum* (Bastian, 1865) Butschli, 1874
 Genus *Chaetonema* Filipjev, 1927
 4. *Chaetonema* sp
 Family ANTICOMIDAE Filipjev, 1918
 Genus *Anticoma* Bastian, 1865
 5. *A. acuminata* (Eberth, 1863) Bastian, 1865
 6. *A. arctica* Steiner, 1916
 7. *A. eberthi* Bastian, 1865
 8. *A. lata* Cobb, 1898
 9. *A. pachydermatum* Cobb, 1920
 Genus *Cephalanticoma* Platonova, 1976
 10. *Cephalanticoma* sp.
 Family ENCHELIDIIDAE Filipjev, 1918
 Genus *Bathyeurystomina* Lamshead & Platt, 1979
 11. *Bathyeurystomina* sp.
 Genus *Belbolla* (Cobb, 1920) Andrassy, 1973
 12. *B. teisseri* (Luc & De Coninck, 1959) Andrassy, 1973
 Genus *Calyptronema* Marion, 1870
 13. *Calyptronema* sp.
 Genus *Eurystomina* Filipjev, 1921
 14. *E. cassiterides* (Warwick, 1977) Lamshead & Platt, 1979
 15. *E. ornata* (Eberth, 1863) Marion, 1870
 16. *E. terricola* (de Man, 1907) Filipjev, 1921
 Genus *Ledovitia* Filipjev, 1927
 17. *L. pharetrata* Wieser, 1953
 Genus *Pareurystomina* Micoletzky, 1930
 18. *P. acuminata* (de Man, 1889) Gerlach, 1952
 19. *P. scillonensis* Warwick, 1977
 Genus *Polygastrophora* de Man, 1922
 20. *P. septembulba* Gerlach, 1954
 Genus *Symplocostoma* Bastian, 1865
 21. *S. tenuicolle* (Eberth, 1863) Wieser, 1953
 Family ENOPLIDAE Dujardin, 1845
 Genus *Enoplus* Dujardin, 1845
 22. *E. brevis* Bastian, 1865
 23. *E. communis* Bastian, 1865
 Family IRONIDAE de Man, 1876
 Genus *Conilia* Gerlach, 1956
 24. *C. sinensis* Chen & Guo, 2015
 Genus *Dolicholaimus* de Man, 1888
 25. *Dolicholaimus* sp.
 Genus *Trissonchulus* Cobb, 1920
 26. *T. benepapillosus* (Schulz, 1935) Gerlach & Riemann, 1974

27. *T. obtusus* (Schuurmans Stekhoven, 1935) Inglis, 1961
 28. *T. oceanus* Cobb, 1920
 29. *T. provulvatus* Orselli and Vinciguerra, 1997
 Genus **Thalassironus** de Man, 1889
 30. *Thalassironus* sp.
 Family LEPTOSOMATIDAE Filipjev, 1916
 Genus **Leptosomatium** Bastian, 1865
 31. *L. gracile* Bastian, 1865
 Genus **Proplatycoma** Platonova, 1976
 32. *P. africana* (Gerlach, 1959) Gerlach, 1962
 Genus **Pseudocella** Filipjev, 1927
 33. *Pseudocella* sp.
 Genus **Synonchus** Cobb, 1894
 34. *S. fasciculatus* Cobb, 1894
 Family ONCHOLAIMIDAE Filipjev, 1916
 Genus **Adoncholaimus** Filipjev, 1918
 35. *A. fuscus* (Bastian, 1865) Filipjev, 1918
 36. *A. indicus* (von Linstow, 1907) Filipjev, 1918
 37. *A. panicus* Cobb, 1930
 38. *A. thalassophygas* (de Man, 1876) Filipjev, 1918
 Genus **Curvolaimus** Wieser, 1953
 39. *C. wieseri* Timm, 1961
 Genus **Filoncholaimus** Filipjev, 1927
 40. *F. filicaudatus* (Ditlevsen, 1926) Filipjev, 1927
 Genus **Metaparoncholaimus** De Coninck & Schuurmans Stekhoven, 1933
 41. *M. campylocercus* (de Man, 1876) De Coninck & Schuurmans Stekhoven, 1933
 Genus **Metoncholaimus** Filipjev, 1918
 42. *M. albidus* (Bastian 1865) Filipjev, 1918
 Genus **Meyersia** Hopper, 1967
 43. *M. minor* Hopper, 1967
 Genus **Oncholaimellus** de Man, 1890
 44. *O. brevicauda* Timm, 1969
 45. *O. calvadosicus* de Man, 1890
 46. *O. carlbergi* Allgén, 1947
 47. *O. mediterraneus* Schuurmans Stekhoven, 1942
 Genus **Oncholaimus** Dujardin, 1845
 48. *O. attenuatus* Dujardin, 1845
 49. *O. brachycercus* de Man, 1889
 50. *O. brevicaudiculatus* Rachor, 1970
 51. *O. campyloceroides* De Coninck & Schuurmans Stekhoven, 1933
 52. *O. dujardinii* de Man, 1876
 53. *O. flexus* Wieser, 1953
 54. *O. oxyuris* Ditlevsen, 1911
 55. *O. scanicus* (Allgén, 1935) Wieser, 1953
 56. *O. siddiqii* Tauheed & Ahmad, 2016
 57. *O. skawensis* Ditlevsen, 1921
 58. *O. vesicarius* (Wieser, 1959) Rachor, 1969
 Genus **Prooncholaimus** Micoletzky, 1924
 59. *Prooncholaimus* sp.
 Genus **Viscosia** de Man, 1890
 60. *V. abyssorum* (Allgén, 1933) Wieser, 1953

61. *V. carnleyensis* (Ditlevsen, 1921) Kreis, 1932
 62. *V. cobbi* Filipjev, 1918
 63. *V. elegans* (Kreis, 1924) Lorenzen, 1981
 64. *V. franzii* Boucher, 1977
 65. *V. glabra* (Bastian, 1865) de Man, 1890
 66. *V. langrunensis* (de Man, 1890) Filipjev, 1918
 67. *V. macramphida* Chitwood, 1951
 68. *V. viscosa* (Bastian, 1865) de Man, 1890
 Family OXYSTOMINIDAE Chitwood, 1935
 Genus **Halalaimus** de Man, 1888
 69. *H. capitulatus* Boucher, 1977
 70. *H. estuarii* Sinha, Choudhury & Baqri, 1985
 71. *H. filicollis* Timm, 1961
 72. *H. filum* Gerlach, 1962
 73. *H. gracilis* de Man, 1888
 74. *H. isaitshikovi* (Filipjev, 1927) Schuurmans Stekhoven, 1935
 75. *H. longamphidus* Huang & Zhang, 2005
 76. *H. longicaudatus* (Filipjev, 1927) Schneider, 1939
 77. *H. longicollis* Allgén, 1932
 78. *H. longistriatus* Timm 1961
 79. *H. meyersi* Wieser & Hopper, 1967
 80. *H. setosus* Timm, 1961
 81. *H. supercirrhatus* Gerlach, 1955
 Genus **Litinium** Cobb, 1920
 82. *L. bananum* Gerlach, 1956
 83. *L. egregius* (Steiner, 1916) Martelli, Lo Russo, Villares & Pastor de Ward, 2017
 84. *L. paramontemari* (Vitiello, 1970) Martelli, Lo Russo, Villares & Pastor de ward, 2017
 Genus **Nemanema** Cobb, 1920
 85. *Nemanema* sp.
 Genus **Oxystomina** Filipjev, 1918
 86. *O. affinis* Gerlach, 1956
 87. *O. alpatovi* (Filipjev, 1927) Wieser, 1953
 88. *O. alpha* Chitwood, 1937
 89. *O. asetosa* (Southern, 1914) Filipjev, 1921
 90. *O. clavicauda* (Filipjev, 1918) Wieser, 1953
 91. *O. elongata* (Bütschli, 1874) Filipjev, 1921
 Genus **Porocoma** Cobb, 1920
 92. *P. striata* Cobb, 1920
 Genus **Thalassolaimus** de Man, 1893
 93. *T. brasiliensis* Gerlach, 1956
 94. *T. brevicaudatus* Vitiello, 1970
 95. *T. mediterraneus* Vitiello, 1970
 96. *T. tardus* de Man, 1893
 Genus **Wieseria** Gerlach, 1956
 97. *W. hispida* Vitiello, 1972
 98. *W. leptura* Vitiello, 1972
 99. *W. longicauda* Timm, 1961
 100. *W. scotlandica* Zhang, 1983
 Family PHANODERMATIDAE Filipjev, 1927
 Genus **Crenopharynx** Filipjev, 1934
 101. *C. marioni* (Southern, 1914) Filipjev, 1934
 Genus **Phanoderma** Bastian, 1865

102. *P. albidum* Bastian, 1865
 Family RHABDOLAIMIDAE Chitwood, 1951
 Genus **Syringolaimus** de Man, 1888
103. *S. annae* Lima, Lins, Silva & Esteves, 2009
 104. *S. filicaudatus* Vitiello, 1970
 105. *S. striatocaudatus* de Man, 1888
 Family THORACOSTOMOPSIDAE Filipjev, 1927
 Genus **Enoploides** Ssaweljev, 1912
106. *E. harpax* Wieser, 1959
 107. *E. labiatus* (Bütschli, 1874) Filipjev, 1918
 108. *E. longispiculosus* Vitiello, 1967
 Genus **Enoplolaimus** de Man, 1893
109. *E. denticulatus* Warwick, 1970
 110. *E. longicaudatus* (Southern, 1914) Filipjev, 1921
 111. *E. litoralis* Schulz, 1936
 112. *E. subterraneus* Gerlach, 1953
 113. *E. vulgaris* (de Man, 1893) Allgén, 1959
 Genus **Epacanthion** Wieser, 1953
114. *Epacanthion* sp.
 Genus **Mesacanthion** Filipjev, 1927
115. *M. armatum* Timm, 1961
 116. *M. hirsutum* Gerlach, 1953
 117. *M. diplochma* (Southern, 1914) Filipjev, 1927
 Genus **Oxyonchus** (Filipjev, 1927) De Coninck & Schuurmans Stekhoven, 1933
118. *Oxyonchus* sp.
 Genus **Paramesacanthion** Wieser, 1953
119. *Paramesacanthion* sp.
 Genus **Parasaveljevia** Wieser, 1953
120. *P. cirrifera* Wieser, 1953
 Genus **Thoracostomopsis** Ditlevsen, 1918
121. *Thoracostomopsis* sp.
 Genus **Trileptium** Cobb, 1933
122. *Trileptium* sp.
 Family TREFUSIIDAE Gerlach, 1966
 Genus **Cytolaimium** Cobb, 1920
123. *C. exile* Cobb, 1920
 Genus **Halanonchus** Cobb, 1920
124. *Halanonchus* sp.
 Genus **Rhabdocoma** Cobb, 1920
125. *R. americana* Cobb, 1920
 Genus **Trefusia** de Man, 1893
126. *T. longicauda* de Man, 1893
 Genus **Trefusialaimus** Riemann, 1974
127. *Trefusialaimus* sp.
 Family TRIPYLOIDIDAE Filipjev, 1918
 Genus **Bathylaimus** Cobb, 1894
128. *B. depressus* Gerlach, 1962
 129. *B. inermis* (Ditlevsen, 1918) de Man, 1922
 Genus **Gairleanema** Warwick & Platt, 1973
130. *Gairleanema* sp.
 Genus **Tripyloides** de Man, 1886
131. *T. gracilis* (Ditlevsen, 1918) Filipjev, 1927

132. *T. marinus* (Bütschli, 1874) de Man, 1886
 Order TRIPLONCHIDA Cobb, 1919
 Family PANDOLAIMIDAE Belogurov, 1980
 Genus *Pandolaimus* Allgén, 1929
133. *Pandolaimus* sp.
 Family RHABDODEMANIIDAE Filipjev, 1934
 Genus *Rhabdodemia* Baylis & Daubney, 1926
134. *R. major* (Southern, 1914) Allgén, 1959
 Class CHROMADOREA Inglis, 1983
 Order ARAEOLAIMIDA De Coninck & Schuurmans Stekhoven, 1933
 Family AXONOLAIMIDAE Filipjev, 1918
 Genus *Apodontium* Cobb, 1920
135. *Apondontium* sp.
 Genus *Araeolaimoides* de Man, 1893
136. *A. microphthalmus* de Man, 1893
137. *A. paucisetosus* Wieser, 1951
 Genus *Ascolaimus* Ditlevsen, 1919
138. *A. elongatus* (Bütschli, 1874) Schuurmans Stekhoven & De Conninck, 1932
 Genus *Axonolaimus* de Man, 1889
139. *A. helgolandicus* Lorenzen, 1971
140. *A. hexapilus* Wieser & Hopper, 1967
141. *A. paraspinosus* Schuurmans Stekhoven & Adam, 1931
142. *A. spinosus* (Bütschli, 1874) de Man, 1889
 Genus *Odontophora* Bütschli, 1874
143. *O. exharena* Warwick & Platt, 1973
144. *O. furcata* Wieser, 1956
145. *O. longisetosa* (Allgén, 1928) Allgén, 1929
146. *O. rectangula* Lorenzen, 1971
147. *O. setosa* (Allgén, 1929) Gerlach, 1953
 Genus *Parodontophora* Timm, 1963
148. *P. brevamphida* (Timm, 1952) Timm, 1963
149. *P. breviseta* (Schuurmans Stekhoven, 1950) Timm, 1963
150. *P. danka* Belogurov & Kartavtseva, 1975
151. *P. xenotricha* Boucher, 1973
 Genus *Pseudolella* Cobb, 1920
152. *Pseudolella* sp.
 Family COMESOMATIDAE Filipjev, 1918
 Genus *Actarjania* Hopper, 1967
153. *Actarjania* sp.
 Genus *Cervonema* Wieser, 1954
154. *C. goubaulti* Muthumbi, Soetaert & Vincx, 1997
155. *C. macramphis* Jensen, 1979
 Genus *Comesoma* Bastian, 1865
156. *Comesoma* sp.
 Genus *Comesomoides* Goubault, 1980
157. *Comesomoides* sp.
 Genus *Dorylaimopsis* Ditlevsen, 1918
158. *D. coomansi* Muthumbi, Soetaert & Vincx, 1997
159. *D. punctata* Ditlevsen, 1918
160. *D. timmi* (Timm, 1961) Jensen, 1979
161. *D. variabilis* Muthumbi, Soetaert & Vincx, 1997
 Genus *Hopperia* Vitiello, 1969

162. *H. massiliensis* Vitiello, 1969
Genus ***Kenyanema*** Muthumbi, Soetaert & Vincx, 1997
163. *K. monorchis* Muthumbi, Soetaert & Vincx, 1997
Genus ***Laimella*** Cobb, 1920
164. *L. filipjevi* Jensen, 1979
165. *L. longicauda* Cobb, 1920
Genus ***Metacomesoma*** Wieser, 1954
166. *Metacomesoma* sp.
Genus ***Minolaimus*** Vitiello, 1970
167. *M. lineatus* Vitiello, 1970
Genus ***Paracomesoma*** Schuurmans Stekhoven, 1950
168. *P. dubium* (Filipjev, 1918) Schuurmans Stekhoven, 1950
169. *P. longispiculum* (Timm, 1961) Hopper, 1967
Genus ***Paramesonchium*** Hopper, 1967
170. *P. mombasi* Muthumbi, Soetaert & Vincx, 1997
Genus ***Pierrickia*** Vitiello, 1970
171. *Pierrickia* sp.
Genus ***Sabatieria*** Rouville, 1903
172. *S. abyssalis* (Filipjev, 1918) Filipjev, 1922
173. *S. celtica* Southern, 1914
174. *S. elongata* Jayasree & Warwick, 1977
175. *S. falcifera* Wieser, 1954
176. *S. intermissa* Wieser, 1954
177. *S. longisetosa* (Kreis, 1929) Wieser, 1954
178. *S. longispinosa* Lorenzen, 1971
179. *S. lyonessa* Warwick, 1977
180. *S. ornata* (Ditlevsen, 1918) Filipjev, 1922
181. *S. paracupida* Wieser & Hopper, 1967
182. *S. praedatrix* de Man, 1907
183. *S. pulchra* (Schneider, 1906) Riemann, 1970
184. *S. punctata* Kreis, 1924
Genus ***Setosabatieria*** Platt, 1985
185. *S. hilarula* (de Man, 1922) Platt, 1985
Genus ***Vasostoma*** Wieser, 1954
186. *Vasostoma* sp.
Family DIPLOPELTIDAE Filipjev, 1918
- Genus ***Araeolaimus*** de Man, 1888
187. *A. elegans* de Man, 1888
188. *A. longicauda* Allgén, 1929
Genus ***Campylaimus*** Cobb, 1920
189. *C. gerlachi* Timm, 1961
190. *C. rimatus* Vitiello, 1974
Genus ***Intasia*** Tchesunov & Miljutina, 2008
191. *I. nojii* (Jensen, 1991) Leduc, 2017
Genus ***Morlaixia*** Vincx & Gourbault, 1988
192. *M. contusa* Vincx & Gourbault, 1988
193. *M. obscura* Vincx & Gourbault, 1988
Genus ***Neodiplopeltula*** Holovachov & Boström, 2018
194. *N. incisa* (Southern, 1914) Holovachov & Boström, 2018
Genus ***Pararaeolaimus*** Timm, 1961
195. *P. rumohri* Jensen, 1991
Genus ***Southerniella*** Allgén, 1932

196. *S. conicauda* (Schuurmans Stekhoven, 1950) Wieser, 1956
 197. *S. simplex* Allg n, 1932
 Order CHROMADORIDA Chitwood, 1933
 Family CHROMADORIDAE Filipjev, 1917
 Genus *Acantholaimus* Allg n, 1933
 198. *A. calathus* Gerlach, Schrage & Riemann, 1979
 199. *A. elegans* Jensen, 1988
 200. *A. formosus* Miljutina, Miljutin & Tchesunov, 2013
 201. *A. geraerti* Muthumbi & Vincx, 1997
 202. *A. invaginatatum* Muthumbi & Vincx, 1997
 203. *A. polydentatus* Gerlach, 1951
 204. *A. quintus* Gerlach, Schrage & Riemann, 1979
 205. *A. vermeuleni* Muthumbi & Vincx, 1997
 Genus *Actinonema* Cobb, 1920
 206. *A. longicaudatum* (Steiner, 1918) Wieser, 1954
 207. *A. pachydermatum* Cobb, 1920
 Genus *Chromadora* Bastian, 1865
 208. *C. macrolaima* de Man, 1889
 209. *C. nudicapitata* Bastian, 1865
 Genus *Chromadorella* Filipjev, 1918
 210. *C. circumflexa* Wieser, 1954
 211. *C. Cobbiana* (Johnston, 1938) Blome & Schrage, 1985
 212. *C. duopapillata* Platt, 1973
 213. *C. filiformis* (Bastian, 1865) Filipjev, 1918
 214. *C. salicaniensis* Boucher, 1976
 Genus *Chromadorina* Filipjev, 1918
 215. *C. cervix* (Wieser, 1951) Wieser, 1954
 216. *C. germanica* (B tschli, 1874) Wieser, 1954
 217. *C. granulopigmentata* (Wieser, 1951) Wieser, 1954
 Genus *Chromadorita* Filipjev, 1922
 218. *C. nana* Lorenzen, 1973
 219. *Chromadorita* sp.
 Genus *Dichromadora* Kreis, 1929
 220. *D. cephalata* (Steiner, 1916) Kreis, 1929
 221. *D. cucullata* Lorenzen, 1973
 222. *D. geophila* (de Man, 1876) Kreis 1929
 223. *D. simplex* Timm, 1961
 Genus *Endeolophos* Boucher, 1976
 224. *Endeolophos* sp.
 Genus *Euchromadora* de Man, 1886
 225. *E. vulgaris* (Bastian, 1865) de Man 1886
 Genus *Harpagonchus* Platonova & Potin, 1972
 226. *Harpagonchus* sp.
 Genus *Hypodontolaimus* de Man, 1886
 227. *H. colesi* Inglis, 1962
 228. *H. inaequalis* (Bastian, 1865) de Man, 1886
 229. *H. macrodentatus* Timm, 1961
 Genus *Megodontolaimus* Timm, 1969
 230. *M. coxbazari* Timm, 1969
 Genus *Innocuonema* Inglis, 1969
 231. *I. tentabunda* (de Man, 1890) Inglis, 1969
 Genus *Neochromadora* Micoletzky, 1924

232. *N. coudenovei* Micoletzky, 1924
 233. *N. izhorica* (Filipjev, 1929) Schuurmans Stekhoven, 1935
 234. *N. poecilosomoides* (Filipjev, 1918) Micoletzky, 1924
 235. *N. tecta* Gerlach, 1951
 236. *N. trichophora* (Steiner, 1921) Gerlach, 1951
 Genus **Nygmatochus** Cobb, 1933
 237. *Nygmatochus* sp.
 Genus **Parapinnanema** Inglis, 1969
 238. *P. harveyi* Warwick & Coles, 1975
 Genus **Prochromadora** Filipjev, 1922
 239. *P. orleji* (de Man, 1880) Filipjev, 1922
 Genus **Prochromadorella** Micoletzky, 1924
 240. *P. ditlevseni* (de Man, 1922) Wieser, 1954
 241. *P. macroocellata* Wieser, 1951
 Genus **Ptycholaimellus** Cobb, 1920
 242. *P. macrodentatus* (Timm 1961) Wieser & Hopper, 1967
 243. *P. ponticus* (Filipjev, 1922) Gerlach, 1955
 Genus **Rhips** Cobb, 1920
 244. *R. paraornata* Platt & Zhang, 1982
 Genus **Spilophorella** Filipjev, 1917
 245. *S. candida* Gerlach, 1951
 246. *S. euxina* Filipjev, 1918
 247. *S. papillata* Kreis, 1929
 248. *S. paradoxa* (de Man, 1888) Filipjev, 1917
 249. *S. tollenifera* Wieser, 1955
 Genus **Trichromadora** Kreis, 1929
 250. *T. ariminiensis* Gerlach, 1953
 251. *T. brachyura* (Schuurmans Stekhoven, 1950) Muthumbi & Vincx, 1998
 Genus **Trochamus** Boucher & de Bovée, 1971
 252. *T. timmi* Datta & Al-Helal, 2023
 Family CYATHOLAIMIDAE Filipjev, 1918
 Genus **Craspodema** Gerlach, 1956
 253. *Craspodema* sp.
 Genus **Cyatholaimus** Bastian, 1865
 254. *C. ocellatus* Bastian, 1865
 Genus **Cyathoshiva** Datta, Miljutin, Chakraborty & Mohapatra, 2016
 255. *C. amaleshi* Datta, Miljutin, Chakraborty & Mohapatra, 2016
 Genus **Longicyatholaimus** Micoletzky, 1924
 256. *Longicyatholaimus* sp.
 Genus **Marylynnia** (Hopper, 1972) Hopper, 1977
 257. *M. complexa* (Warwick, 1971) Hopper, 1977
 Genus **Metacyatholaimus** Schuurmans Stekhoven, 1942
 258. *M. brevicollis* (Cobb, 1898) Gerlach, 196
 259. *M. spatiosus* Wieser, 1954
 Genus **Nannolaimoides** Ott, 1972
 260. *N. decoratus* Ott, 1972
 Genus **Paracanthonchus** Micoletzky, 1924
 261. *P. caecus* (Bastian, 1865) Micoletzky, 1924
 262. *P. elongatus* (de Man, 1907) Micoletzky, 1924
 263. *P. heterodontus* (Schulz, 1932) Vincx, Sharma & Smol, 1982
 264. *P. longicaudatus* Warwick, 1971
 265. *P. macrodon* (Ditlevsen, 1918) Micoletzky, 1924

266. *P. multitubifer* Timm, 1961
 267. *P. platti* Vadhyar, 1980
 268. *P. thaumasius* (Schulz, 1932) Vincx, Sharma & Smol, 1982
 Genus **Paracyatholaimus** Micoletzky, 1922
 269. *P. duplicatus* Gerlach, 1964
 270. *P. intermedius* (de Man, 1880) Micoletzky, 1922
 271. *P. multispiralis* Gerlach, 1953
 272. *P. occultus* Gerlach, 1956
 273. *P. pentodon* Riemann, 1966
 274. *P. pugettensis* Wieser & Hopper, 1967
 275. *P. quadriseta* (Wieser, 1954) Tchesunov, 2008
 Genus **Paralongicyatholaimus** Schuurmans Stekhoven, 1950
 276. *P. minutus* Warwick, 1971
 Genus **Pomponema** Cobb, 1917
 277. *P. clavicaudatum* (Schuurmans Stekhoven, 1935) Riemann, 1972
 278. *P. corniculata* Gourbault, 1980
 279. *P. debile* Lorenzen, 1972
 280. *P. elegans* Lorenzen, 1972
 281. *P. mirabile* Wieser & Hopper, 1967
 282. *P. multipapillatum* (Filipjev, 1922) Wieser, 1954
 283. *P. polydontus* Murphy, 1963
 284. *P. proximamphidum* Tchesunov, 2008
 285. *P. segregatum* Wieser, 1959
 286. *P. tessellatum* Wieser & Hopper, 1967
 Genus **Praeacanthonchus** Micoletzky, 1924
 287. *P. opheliae* (Warwick, 1970) Gerlach & Riemann, 1973
 288. *P. punctatus* (Bastian, 1865) Micoletzky, 1924
 Family ETHMOLAIMIDAE Lorenzen, 1981
 Genus **Comesa** Gerlach, 1956
 289. *C. interrupta* Warwick, 1971
 Genus **Filitonchus** Platt, 1982
 290. *F. filiformis* (Warwick, 1971) Platt, 1982
 291. *F. ewensis* Platt, 1972
 292. *F. filicaudatus* Vitiello, 1970
 293. *F. volutus* (Gerlach, 1956b) Platt, 1982
 Genus **Gomphionchus** Platt, 1982
 294. *Gomphionchus* sp.
 Genus **Neotonchus** Cobb, 1933
 295. *N. corcundus* (Gerlach, 1956) Wieser & Hopper, 1966
 296. *N. cuanensis* (Platt, 1982) Platt, 1982
 297. *N. cupulatus* Vitiello, 1970
 298. *N. interruptus* Warwick, 1971
 299. *N. meeki* Warwick, 1971
 300. *N. vitius* Warwick, 1971
 301. *N. votadini* Warwick, 1971
 Genus **Paraethmolaimus** Jensen, 1994
 302. *Paraethmolaimus* sp.
 Family SELACHINEMATIDAE Cobb, 1915
 Genus **Cheironchus** Cobb, 1917
 303. *C. vorax* Cobb, 1917
 Genus **Choanolaimus** de Man, 1880
 304. *C. psammophilus* de Man, 1880

- Genus **Chonolaimus** Ditlevsen, 1918
 305. *C. panicus* Gerlach, 1956
 306. *C. papillatus* Ditlevsen, 1918
 Genus **Cobbionema** Filipjev, 1922
 307. *Cobbionema* sp.
 Genus **Demonema** Cobb, 1894
 308. *Demonema* sp.
 Genus **Gammanema** Cobb, 1920
 309. *G. cancellatum* Gerlach, 1955
 310. *G. conicauda* Gerlach, 1953
 311. *G. magnum* Shi & Xu, 2018
 312. *G. polydonta* Murphy, 1965
 313. *G. rapax* (Ssaweljev, 1912) Ditlevsen, 1918
 Genus **Halichoanolaimus** de Man, 1886
 314. *H. chordiurus* Gerlach, 1955
 315. *H. consimilis* Allgén, 1933
 316. *H. dolichurus* Ssaweljev, 1912
 317. *H. robustus* (Bastian, 1865) de Man, 1886
 Genus **Latronema** Wieser, 1954
 318. *L. orcinum* (Gerlach, 1952) Wieser, 1954
 319. *L. piraticum* Wieser, 1954
 Genus **Synonchiella** Cobb, 1933
 320. *S. micramphis* (Schuurmans Stekhoven, 1950) Gerlach, 1964
 321. *S. riemanni* Warwick, 1970
 Genus **Synonchium** Cobb, 1920
 322. *S. caudatubatum* Shi & Xu, 2018
 323. *S. obtusum* Cobb, 1920
 Order DESMODORIDA De Coninck, 1965
 Family DESMODORIDAE Filipjev, 1922
 Genus **Acanthopharyngoides** Chitwood, 1936
 324. *A. chitwoodi* Wieser, 1954
 Genus **Acanthopharynx** Marion, 1870
 325. *Acanthopharynx* sp.
 Genus **Bolbonema** Cobb, 1920
 326. *B. brevicolle* Cobb, 1920
 Genus **Catanema** Cobb, 1920
 327. *C. exile* Cobb, 1920
 Genus **Chromadoropsis** Filipjev, 1918
 328. *C. vivipara* (de Man, 1907) Filipjev, 1918
 Genus **Chromaspirina** Filipjev, 1918
 329. *C. indica* Gerlach, 1963
 330. *C. inglisi* Warwick, 1970
 331. *C. madagascariensis* Gerlach, 1953
 332. *C. multipapillata* Jayasree & Warwick, 1977
 333. *C. parapontica* Luc & De Coninck, 1959
 Genus **Croconema** Cobb, 1920
 334. *C. cinctum* Cobb, 1920
 335. *C. sphaerica* (Kreis, 1928) Luc & De Coninck, 1959
 Genus **Desmodora** de Man, 1889
 336. *D. brachypharynx* Allgén, 1947
 337. *D. cincta* (Cobb, 1920) Gerlach, 1963
 338. *D. communis* (Bütschli, 1874) de Man, 1889

339. *D. conocephala* Steiner, 1918
 340. *D. extensa* Wieser, 1954
 341. *D. falcatus* Lorenzen, 1972
 342. *D. masira* Warwick, 1973
 343. *D. minuta* Wieser, 1954
 344. *D. pilosa* Ditlevsen, 1926
 345. *D. pontica* Filipjev, 1922
 346. *D. scaldensis* de Man, 1889
 Genus **Desmodorella** Cobb, 1933
 347. *D. cassiterides* Warwick, 1977
 348. *D. sanguinea* (Southern, 1914) Cobb, 1933
 349. *D. schulzi* (Gerlach, 1950) Verschelde, Gourbault & Vincx, 1998
 350. *D. tenuispiculum* (Allgén 1928) Gerlach, 1963
 Genus **Echinodesmodora** Blome, 1982
 351. *E. spinulosa* (Wieser, 1959) Blome, 1982
 Genus **Eubostrichus** Certes, 1889
 352. *E. africanus* Muthumbi, Verschelde & Vincx, 1995
 353. *E. hortulanus* Leduc, 2013
 Genus **Leptonemella** Cobb, 1920
 354. *L. aphanothecae* Gerlach, 1950
 355. *L. juliae* Hoschitz, Buchholz & Ott, 1999
 Genus **Metachromadora** Filipjev, 1918
 356. *M. macroutera* Filipjev, 1918
 357. *M. pulvinata* Wieser & Hopper, 1967
 358. *M. suecica* (Allgén, 1929) Schulz, 1938
 Genus **Metachromadoroides** Timm, 1961
 359. *M. remanei* (Gerlach, 1951) Timm, 1961
 Genus **Molgolaimus** Ditlevsen, 1921
 360. *M. abyssorum* Muthumbi & Vincx, 1996
 361. *M. spirifer* (Warwick, 1970) Shi & Xu, 2017
 Genus **Onyx** Cobb, 1891
 362. *O. littorale* (Schulz, 1938) Armenteros, Ruiz-Abierno & Decraemer, 2014
 363. *O. perfectus* Cobb, 1891
 Genus **Papillonema** Verschelde, Muthumbi & Vincx, 1995
 364. *P. clavatum* (Gerlach, 1957) Verschelde, Muthumbi & Vincx, 1995
 Genus **Parabostrichus** Tchesunov, Ingels & Popova, 2012
 365. *P. bathyalis* Tchesunov, Ingels & Popova, 2012
 Genus **Paradesmodora** Schuurmans Stekhoven, 1950
 366. *Paradesmodora* sp.
 Genus **Perspiria** Wieser & Hopper, 1967
 367. *Perspiria* sp.
 Genus **Polysigma** Cobb 1920
 368. *P. fuscum* Gerlach, 1956
 Genus **Psammonema** Verschelde & Vincx, 1995
 369. *P. kuriani* Jacob, Anilkumar, Philip & Rayaroth, 2016
 Genus **Pseudochromadora** Daday, 1899
 370. *P. benepapillata* (Timm, 1961) Datta, Ganguly & Chakraborty, 2018
 371. *P. cazca* Daday, 1889
 372. *P. quadripapillata* Daday, 1899
 Genus **Pseudonchus** Cobb, 1920
 373. *P. northumbriensis* Warwick, 1969
 Genus **Robbea** Gerlach, 1956

374. *R. macintyre* (Platt & Zhang, 1982) Tchesunov, 2013
Genus **Spinonema** Larrazabal- Filho, Neres, Da Silva & Esteves, 2019
375. *S. gracilispiculum* Jacob, Rayaroth, Useph, Philip & Damodaran, 2020
Genus **Spirinia** Gerlach, 1963
376. *S. gerlachi* (Luc & De Coninck, 1959) Gerlach, 1963
377. *S. inaurita* (Wieser & Hopper, 1967) Leduc & Verschelde, 2015
378. *S. laevioides* Gerlach, 1963
379. *S. laevis* (Bastian, 1865) Gerlach, 1963
380. *S. parasitifera* (Bastian, 1865) Gerlach, 1963
381. *S. schneideri* (Villot, 1875) Gerlach, 1963
Genus **Zalonema** Cobb, 1920
382. *Z. megalosoma* (Steiner, 1918) Gerlach, 1963
Family DRACONEMATIDAE Filipjev, 1918
Genus **Dracognomus** Allen & Noffsinger, 1978
383. *D. simplex* (Gerlach, 1954) Allen & Noffsinger, 1978
Genus **Draconema** Cobb, 1913
384. *D. andamanense* Kito & Chatterjee, 2012
385. *D. cephalatum* (Cobb, 1913) Steiner, 1921
386. *D. claparedii* (Metschnikoff, 1867) Filipjev, 1918
387. *D. japonicum* Kito, 1976
Genus **Notochaetosoma** Irwin-Smith, 1918
388. *N. killieri* Warwick, 1977
Genus **Paradraconema** Allen & Noffsinger, 1978
389. *P. pachylumbus* Kito & Chatterjee, 2012
Genus **Prochaetosoma** Micoletzky, 1922
390. *P. dokdoense* Rho, Min, Decraemer & Kim, 2010
391. *P. longicapitata* (Allgén, 1932) Allen & Noffsinger, 1978
Family EPSILONEMATIDAE Steiner, 1927
Genus **Bathyepsilonema** Steiner, 1927
392. *Bathyepsilonema* sp.
Genus **Epsilonema** Steiner, 1927
393. *E. pustulatum* (Gerlach, 1952) Lorenzen, 1973
Genus **Metepsilonema** Steiner, 1927
394. *Metepsilonema* sp.
Genus **Perepsilonema** Lorenzen, 1973
395. *Perepsilonema* sp.
Genus **Polkepsilonema** Verschelde & Vincx, 1993
396. *P. arabicensis* Datta & Rajmohana, 2020
Family MICROLAIMIDAE Micoletzky, 1922
Genus **Aponema** Jensen, 1978
397. *A. abyssalis* (Miljutin & Miljutina, 2009) Tchesunov, 2014
398. *A. decraemerae* Muthumbi & Vincx, 1999
399. *A. ninae* Portnova, 2009
Genus **Bathynox** Bussau & Vopel, 1999
400. *B. clavata* Bussau & Vopel, 1999
Genus **Bolbolaimus** Cobb, 1920
401. *B. teutonicus* (Riemann, 1966) Jensen, 1978
Genus **Caligocanna** Bussau, 1993
402. *C. mirabilis* Bussau, 1993
Genus **Ixonema** Lorenzen, 1971
403. *I. sordidum* Lorenzen, 1971
Genus **Microlaimus** de Man, 1880

404. *M. acinaces* Warwick & Platt, 1973
 405. *M. aequisetosus* Blome, 1982
 406. *M. africanensis* Furstenberg & Vincx, 1992
 407. *M. conothelis* (Lorenzen, 1973) Jensen, 1978
 408. *M. discolensis* Bussau, 1993
 409. *M. honestus* de Man, 1922
 410. *M. longispiculum* Timm, 1961
 411. *M. marinus* (Schulz, 1932) Schuurmans Stekhoven & De Coninck, 1933
 412. *M. microseta* Gerlach, 1953
 413. *M. monstrosus* Gerlach, 1953
 414. *M. nympa* (Bussau & Vopel, 1999) Tchesunov, 2014
 415. *M. parviporosus* Miljutin & Miljutina, 2009
 416. *M. robustidens* Schuurmans Stekhoven & De Coninck, 1933
 417. *M. tenuispiculum* de Man, 1922
 418. *M. zosteræ* Allgén, 1930
 Genus ***Spirobolbolaimus*** Soetaert & Vincx, 1988
 419. *S. bathyalis* Soetaert & Vincx, 1988
 Family MONOPOSTHIIDAE Filipjev, 1934
 Genus ***Monoposthia*** de Man, 1889
 420. *M. costata* (Bastian, 1865) de Man, 1889
 421. *M. mirabilis* Schulz, 1932
 Genus ***Nudora*** Cobb, 1920
 422. *N. bipapillata* Platt, 1973
 423. *N. crepidata* Wieser, 1954
 Genus ***Rhinema*** Cobb, 1920
 424. *R. exquisitum* Timm, 1961
 425. *R. retrosum* Cobb, 1920
 Family RICHTERSIIDAE Kreis, 1929
 Genus ***Richtersia*** Steiner, 1916
 426. *R. bathyalis* Soetaert & Vincx, 1987
 427. *R. discorda* (Inglis, 1968) Inglis, 1968
 428. *R. inaequalis* Riemann, 1966
 Order DESMOSCOLECIDA Filipjev, 1929
 Family CYARTONEMATIDAE Tchesunov, 1990
 Genus ***Cyartonema*** Cobb, 1920
 429. *C. elegans* Jayasree & Warwick, 1977
 430. *C. flexile* Cobb, 1920
 431. *C. germanicum* Juario, 1972
 432. *C. zosteræ* (Allgén, 1929) Juario, 1972
 Family DESMOSCOLECIDAE Shipley, 1896
 Genus ***Calligyus*** Lorenzen, 1969
 433. *Calligyus* sp.
 Genus ***Desmoscolex*** Claparède, 1863
 434. *D. abyssorum* Decraemer, 1984
 435. *D. bengalensis* Timm, 1961
 436. *D. falcatus* Lorenzen, 1972
 437. *D. fennicus* Lorenzen, 1969
 438. *D. laevis* Kreis, 1928
 439. *D. noctuabundus* Bussau, 1993
 440. *D. pedunculus* Rho, Kim & Chang, 2007
 441. *D. segonzaci* Decraemer, 1983
 442. *D. (pareudesmoscolex) lacinosus* Lorenzen, 1969

- Genus **Greeffella** Cobb, 1922
 443. *G. pierri* Schrage & Gerlach, 1975
 Genus **Tricoma** Cobb, 1894
 444. *T. brevirostris* (Southern, 1914) Steiner, 1916
 445. *T. longirostris* (Southern, 1914) Steiner, 1916
 446. *T. polydesma* (Southern, 1914) Steiner, 1916
 447. *T. (Quadricoma) filipjevioides* Gerlach & Riemann, 1974
 448. *T. (Quadricoma) scanica* (Allgén, 1935) Filipjev, 1922
 Family MEYLIIDAE De Coninck, 1965
 Genus **Boucherius** Decraemer & Jensen, 1982
 449. *B. spinosus* (Gerlach, 1956b) Decraemer & Jensen, 1981
 Genus **Gerlachius** Andrásy, 1976
 450. *Gerlachius* sp.
 Order MONHYSTERIDA Filipjev, 1929
 Family LINHOMOEIDAE Filipjev, 1922
 Genus **Anticyathus** Cobb, 1920
 451. *Anticyathus* sp.
 Genus **Anticyclus** Cobb, 1920
 452. *A. pachyamphis* (Wieser, 1956) Gerlach, 1963
 Genus **Desmolaimus** de Man, 1880
 453. *D. brasiliensis* Gerlach, 1963
 454. *D. greenpatchi* Allgén, 1959
 455. *D. zeelandicus* de Man, 1880
 456. *D. zosterae* Allgén, 1933
 Genus **Didelta** Cobb, 1920
 457. *D. scutatatum* Wieser, 1956
 Genus **Disconema** Filipjev, 1918
 458. *D. alaima* Filipjev, 1918
 Genus **Eleutherolaimus** Filipjev, 1922
 459. *E. hopperi* Timm, 1967
 460. *E. nutus* Gerlach, 1964
 461. *E. sabulicolus* (Schulz, 1932) Tchesunov & Miljutin, 2006
 462. *E. stenosoma* de Man, 1907
 Genus **Eumorpholaimus** Schulz, 1932
 463. *Eumorpholaimus* sp.
 Genus **Linhomoeus** Bastian, 1865
 464. *L. filaris* Lorenzen, 1973
 465. *L. filiformis* Filipjev, 1918
 Genus **Megadesmolaimus** Wieser, 1954
 466. *M. contortus* Timm, 1962
 467. *M. falcatus* Gerlach, 1963
 468. *M. uncinatus* Gerlach, 1963
 Genus **Metalinhomoeus** de Man, 1907
 469. *M. biformis* Juario, 1974
 470. *M. effilatus* Schuurmans Stekhoven, 1942
 471. *M. gracilis* (Kreis, 1929) Wieser, 1956
 472. *M. longiseta* Kreis, 1929
 473. *M. typicus* de Man, 1907
 Genus **Paralinhomoeus** de Man, 1907
 474. *P. anteporus* Vitiello, 1969
 475. *P. appendixocaudatus* Allgén, 1959
 476. *P. brevibucca* Schuurmans Stekhoven, 1950

477. *P. brevicaudatus* Schuurmans Stekhoven, 1950
 478. *P. conicaudatus* (Allgén, 1930) Wieser, 1951
 479. *P. conspicuus* Gerlach, 1957
 480. *P. dubius* Timm, 1961
 481. *P. fuscacephalus* (Cobb, 1920) Gerlach, 1963
 482. *P. lepturus* de Man, 1907
 483. *P. longisetosus* Schuurmans Stekhoven, 1950
 484. *P. meridionalis* (Cobb, 1930) Wieser, 1956
 485. *P. pachyamphis* Wieser, 1956
 486. *P. tenuicaudatus* (Bütschli, 1874) de Man, 1907
 487. *P. uniovarium* Warwick, 1970
 Genus ***Spirina*** Gerlach, 1963
 488. *Spirina* sp.
 Genus ***Terschellingia*** de Man, 1888
 489. *T. brevicauda* Ott, 1972
 490. *T. claviger* Wieser, 1956
 491. *T. communis* de Man, 1888
 492. *T. distalamphida* Juario, 1974
 493. *T. filicaudata* Wang, An & Huang, 2017
 494. *T. goubaultae* Austen, 1989
 495. *T. lissa* Timm, 1962
 496. *T. longicaudata* de Man, 1907
 Family MONHYSTERIDAE de Man, 1876
 Genus ***Diplolaimella*** Allgén, 1929
 497. *Diplolaimella* sp.
 Genus ***Diplolaimelloides*** Meyl, 1954
 498. *D. meyli* Timm, 1961
 Genus ***Halomonhystera*** Andrásy, 2006
 499. *H. disjuncta* (Bastian, 1865) Andrásy, 2006
 Genus ***Monhystera*** Bastian, 1865
 500. *M. setosa* Bütschli, 1874
 Genus ***Monhystrium*** Cobb, 1920
 501. *Monhystrium* sp.
 Genus ***Thalassomonhystera*** Jacobs, 1987
 502. *T. parva* (Bastian, 1865) Jacobs, 1987
 503. *T. venusta* (Lorenzen, 1979) Jacobs, 1987
 Family SIPHONOLAIMIDAE Filipjev, 1918
 Genus ***Astomonema*** Ott, Rieger, Rieger & Enderes, 1982
 504. *A. obscurum* (Boucher & Helléouët, 1977) Vidakovic & Boucher, 1987
 505. *A. southwardorum* Austen, Warwick & Ryan, 1993
 Genus ***Siphonolaimus*** de Man, 1893
 506. *S. auratus* Wieser, 1956
 507. *S. cobbi* Riemann, 1966
 508. *S. ewensis* Warwick & Platt, 1973
 509. *S. niger* de Man, 1893
 510. *S. profundus* Warwick, 1973
 Family SPHAEROLAIMIDAE Filipjev, 1918
 Genus ***Doliolaimus*** Lorenzen, 1966
 511. *Doliolaimus* sp.
 Genus ***Metasphaerolaimus*** Goubault & Boucher, 1981
 512. *M. cancellatus* Goubault & Boucher, 1981
 513. *M. inglisi* Goubault & Boucher, 1981

Genus **Parasphaerolaimus** Ditlevsen, 1918

514. *P. dispar* (Filipjev, 1918) Filipjev, 1946
 515. *P. paradoxus* Ditlevsen, 1918

Genus **Sphaerolaimus** Bastian, 1865

516. *S. balticus* Schneider, 1906
 517. *S. glaphyrus* Vitiello, 1971
 518. *S. gracilis* de Man, 1876
 519. *S. hirsutus* Bastian, 1865
 520. *S. macrocirculus* Filipjev, 1918
 521. *S. maeoticus* Filipjev, 1922
 522. *S. pacificus* Allgén, 1947
 523. *S. penicillus* Gerlach, 1956

Genus **Subsphaerolaimus** Lorenzen, 1978

524. *Subsphaerolaimus* sp.

Family XYALIDAE Chitwood, 1951

Genus **Amphimonhystera** Allgén, 1929

525. *A. anechma* (Southern, 1914) Lorenzen, 1977

Genus **Cobbia** de Man, 1907

526. *C. bengalensis* Datta, Bhowmik & Choudhury, 2018
 527. *C. dentata* Gerlach, 1953
 528. *C. trefusiaeformis* de Man, 1907

Genus **Corononema** Nicholas & Stewart, 1995

529. *C. parvum* Nicholas & Stewart, 1995

Genus **Daptonema** Cobb, 1920

530. *D. alternum* (Wieser, 1956) Lorenzen, 1977
 531. *D. angulatum* (Schuurmans Stekhoven, 1950) Lorenzen, 1977
 532. *D. balatum* Tu, Gagarin, Nguyen, Phuong & Hiena, 2014
 533. *D. biggi* (Gerlach, 1965) Lorenzen, 1977
 534. *D. buetschlii* (Schuurmans Stekhoven, 1935) Lorenzen, 1977
 535. *D. circum* (Vitiello, 1971) Lorenzen, 1977
 536. *D. conicum* (Filipjev, 1922) Lorenzen, 1977
 537. *D. dentatum* (Wieser, 1956) Lorenzen, 1977
 538. *D. exutum* (Wieser, 1956) Lorenzen, 1977
 539. *D. fistulatum* (Wieser & Hopper, 1967) Lorenzen, 1977
 540. *D. furcatum* (Juario, 1974) Lorenzen, 1977
 541. *D. hirsutum* (Vitiello, 1967) Lorenzen, 1977
 542. *D. hyalocella* Aryuthaka & Kito 2012
 543. *D. invagiferoum* (Platt, 1973) Lorenzen, 1977
 544. *D. normandicum* (de Man, 1890) Lorenzen, 1977
 545. *D. oxycerca* (de Man, 1880) Lorenzen, 1977
 546. *D. procerum* (Gerlach, 1951) Lorenzen, 1977
 547. *D. riemanni* (Platt, 1973) Coomans, 1989
 548. *D. setihyalocella* Aryuthaka & Kito, 2012
 549. *D. tenuispiculum* (Ditlevsen, 1918) Cobb, 1920
 550. *D. timmi* (Timm, 1961) Gagarin & Nguyen, 2008
 551. *D. tortum* (Wieser & Hopper, 1967) Lorenzen, 1977
 552. *D. vicinum* (Riemann, 1966) Lorenzen, 1977
 553. *D. williamsi* Vincx & Coomans, 1983

Genus **Echinotheristus** Thun & Riemann, 1967

554. *Echinotheristus* sp.

Genus **Elzalia** Gerlach, 1957

555. *Elzalia* sp.

- Genus **Gnomoxyala** Lorenzen, 1977
 556. *Gnomoxyala* sp.
- Genus **Gonionchus** Cobb, 1920
 557. *G. africanus* Vincx & Furstenberg, 1988
 558. *G. cumbraensis* Benwell, 1981
 559. *G. intermedius* Jensen, 1986
 560. *G. longicaudatus* Ward, 1972
- Genus **Linhystera** Juario, 1974
 561. *Linhystera* sp.
- Genus **Manganonema** Bussau, 1993
 562. *Manganonema* sp.
- Genus **Metadesmolaimus** Schuurmans Stekhoven, 1935
 563. *M. aduncus* Lorenzen, 1972
 564. *M. aversivulva* Gerlach, 1953
 565. *M. heteroclitus* Lorenzen, 1971
 566. *M. pandus* Lorenzen, 1971
 567. *M. tersus* (Gerlach, 1956) Lorenzen, 1972
- Genus **Paramonohystera** Steiner, 1916
 568. *P. buetschlii* Bresslau & Schuurmans Stekhoven, 1935
- Genus **Promonhystera** Wieser, 1956
 569. *P. albigensis* Riemann, 1966
 570. *P. faber* Wieser, 1956
- Genus **Retrotheristus** Lorenzen, 1977
 571. *R. breviseta* (Juario, 1974) Lorenzen, 1977
- Genus **Rhynchonema** Cobb, 1920
 572. *R. cema* Bazeraa, Smol & Vincx, 2014
 573. *R. chiloense* Lorenzen, 1975
 574. *R. cinctum* Cobb, 1920
 575. *R. deconincki* Vitiello, 1967
 576. *R. dighaensis* Datta, Navarrete & Mohapatra, 2015
 577. *R. falciferum* Boucher, 1974
 578. *R. gerlachi* Vitiello, 1967
 579. *R. hirsutum* Hopper, 1961
 580. *R. longituba* Gerlach, 1953
 581. *R. ornatum* Lorenzen, 1875
- Genus **Scaptrella** Cobb, 1917
 582. *S. filicaudata* Jacob, Jaleel, Philip & Damodaran, 2015
- Genus **Steineria** Micoletzky, 1922
 583. *S. pilosa* Cobb, 1914
- Genus **Theristus** Bastian, 1865
 584. *T. acer* Bastian, 1865
 585. *T. agilis* (de Man, 1880) Filipjev, 1918
 586. *T. altenbachii* Jensen, 1991
 587. *T. anoxybioticus* Jensen, 1995
 588. *T. balticus* Lorenzen, 1973
 589. *T. bastiani* Gerlach & Riemann, 1973
 590. *T. brevisetosus* Alekseev in Alekseev, 1992
 591. *T. calx* Wieser & Hopper, 1967
 592. *T. complexus* Jayasree & Warwick, 1977
 593. *T. denticulatus* Warwick, 1970
 594. *T. ensifer* Gerlach, 1951
 595. *T. flevensis* Schuurmans Stekhoven, 1935

596. *T. heterospicul* (Allgén, 1932) Gerlach, 1953
 597. *T. interstitialis* Warwick, 1970
 598. *T. longus* Platt, 1973
 599. *T. pertenuis* Schuurmans Stekhoven, 1935
 600. *T. otoplanobius* Gerlach, 1951
 Genus **Trichotheristus** Wieser, 1956
 601. *T. mirabilis* (Schuurmans Stekhoven & De Coninck, 1933), Wieser, 1956
 602. *T. psammoides* (Warwick, 1970) Gerlach & Riemann, 1973
 603. *T. setifer* (Gerlach, 1952) Lorenzen, 1977
 604. *T. setosum* (Bütschli, 1874) Lorenzen, 1977
 Genus **Valvaelaimus** Lorenzen, 1977
 605. *Valvaelaimus* sp.
 Genus **Xenolaimus** Cobb, 1920
 606. *X. striatus* Cobb, 1920
 Genus **Xyala** Cobb, 1920
 607. *X. riemanni* Boucher & Helléouët, 1977
 608. *X. striata* Cobb, 1920
 Order PLECTIDA Gadea, 1973
 Family AEGIALOALAIMIDAE Lorenzen, 1981
 Genus **Aegialoalaimus** de Man, 1907
 609. *Aegialoalaimus* sp.
 Family APHANOLAIMIDAE Chitwood, 1936
 Genus **Anonchus** Cobb, 1913
 610. *Anonchus* sp.
 Family CAMACOLAIMIDAE Micoletzky, 1924
 Genus **Alaimella** Cobb, 1920
 611. *A. macramphis* Tchesunov & Miljutina, 2007
 Genus **Dagda** Southern, 1914
 612. *Dagda* sp.
 Genus **Diodontolaimus** Southern, 1914
 613. *Diodontolaimus* sp.
 Genus **Deontolaimus** de Man, 1880
 614. *D. catalinae* Holovachov & Boström, 2015
 615. *D. longicauda* (de Man, 1922) Holovachov & Boström, 2015
 616. *D. prytherchi* (Chitwood, 1935) Holovachov & Boström, 2015
 617. *D. tardus* (de Man, 1889) Holovachov & Boström, 2015
 Genus **Onchiolistia** Blome, 2002
 618. *O. tubifera* (Gerlach, 1953) Blome, 2002
 Genus **Onchium** Cobb, 1920
 619. *O. longispiculum* Holovachov, 2015
 Genus **Procamacolaimus** Gerlach, 1954
 620. *Procamacolaimus* sp.
 Genus **Stephanolaimus** Ditlevsen, 1918
 621. *S. elegans* Ditlevsen, 1918
 Family DIPLOPELTOIDIDAE Tchesunov, 1990
 Genus **Diplopeltoides** Gerlach, 1962
 622. *D. asetosa* (Juario, 1974) Holovachov & Boström, 2017
 623. *D. linkei* Jensen, 1991
 624. *D. ornatus* (Gerlach, 1950) Gerlach, 1962
 Family CERAMONEMATIDAE Cobb, 1933
 Genus **Ceramonema** Cobb, 1920
 625. *C. attenuatum* Cobb, 1920

626. *C. carinatum* Wieser, 1959
 627. *C. reticulatum* Chitwood, 1936
 628. *C. yunfengi* Platt & Zhang, 1982
 Genus ***Dasyнемella*** Cobb, 1933
 629. *D. riemanni* (Haspeslagh, 1973) Tchesunov & Miljutina, 2002
 630. Genus *Dasyнемoides* Chitwood, 1936
 631. *D. albaensis* Warwick & Platt 1973
 Genus ***Metadasyнемella*** De Coninck, 1942
 632. *Metadasyнемella* sp.
 Genus ***Metadasyнемoides*** Haspeslagh, 1973
 633. *Metadasyнемoides* sp.
 Genus ***Pselionema*** Cobb, 1933
 634. *P. annulatum* (Filipjev, 1922) Schuurmans Stekhoven, 1942
 635. *P. beauforti* Chitwood, 1936
 636. *P. ornatum* (Timm, 1961) Hopper, 1973
 637. *P. simile* De Coninck, 1942
 638. *P. simplex* De Coninck, 1942
 Genus ***Pterygonema*** Gerlach, 1953
 639. *P. longiseta* (Ward, 1974) Tchesunov & Miljutina, 2002
 640. *P. platti* Zhang, 1983
 Family CHRONOGASTRIDAE Gagarin, 1975
 Genus ***Chronogaster*** Cobb, 1913
 641. *C. alatum* Gerlach, 1956
 Genus ***Cynura*** Cobb, 1920
 642. *C. papillata* Gerlach, 1962
 Family HALIPECTIDAE Chitwood, 1951
 Genus ***Haliplectus*** Cobb, 1913
 643. *H. dorsalis* (Cobb 1913) Chitwood, 1956
 644. *H. wheeleri* Coles, 1965
 Family LEPTOLAIMIDAE Örley, 1880
 Genus ***Antomicron*** Cobb, 1920
 645. *A. elegans* (de Man, 1922) De Coninck, 1965
 646. *A. quindecimpapillatus* Holovachov, 2012
 Genus ***Leptolaimoides*** Vitiello, 1971
 647. *Leptolaimoides* sp.
 Genus ***Leptolaimus*** de Man, 1876
 648. *L. ampullaceus* Warwick, 1970
 649. *L. elegans* (Schuurmans Stekhoven & De Coninck, 1933) Gerlach, 1958
 650. *L. papilliger* de Man, 1876
 651. *L. pellucidus* (Southern, 1914) Holovachov & Bostrom, 2013
 Family PARAMICROLAIMIDAE Lorenzen, 1981
 Genus ***Paramicrolaimus*** Wieser, 1954
 652. *P. damodarani* Jacob, Jaleel & Vijayan, 2015
 653. *P. spirulifer* Wieser, 1959
 Family RHADINEMATIDAE Lorenzen, 1981
 Genus ***Cricolaimus*** Southern, 1914
 654. *C. elongates* Southern, 1914
 Family TARVAIIDAE Lorenzen, 1981
 Genus ***Tarvaia*** Allgén, 1934
 655. *T. angusta* Gerlach, 1953
 656. *T. heegeri* Jensen, 1991
 657. *T. peruvensis* Nichols & Musselman, 1979

Order RHABDITIDA Chitwood, 1933
 Family RHABDITIDAE Örley, 1880
 Genus *Rhabditis* Dujardin, 1845
 658. *Rhabditis* sp.

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