

From	Description	To
0	Specimen	1
1	Stoma with subventral mural tooth, stoma wide, cardia with 3 gland	2
1	Stoma with axial odontostyle, stoma narrow, cardia small, without gland cells	17
2	Female reproductive system monovarial, opisthodelphic; basal part of esophagus with a sheath of spiral muscles	4
2	Female reproductive system diovarial, amphidelphic; basal part of esophagus with a thin muscle sheath which is difficult to discern	3
3	Anterior part of stoma bowl-shaped and sclerotized	5
3	Anterior part of stoma simple, without sclerotization	6
4	Body length < 1.4 mm; cuticle thin with fine transverse striations; lip region continuous with body contour	Nygellus Thorne, 1939
4	Body length < 1.4 mm; cuticle thin with fine transverse striations	Aetholaimus Williams, 1962
5	Basal part < 1/2 of esophagus length; esophageal gland nuclei not enlarged; cardia with 3 small transversely-ovoid glands; vulva transverse; , no paravulvae	7
5	Basal part < 1/2 of esophagus length; esophageal gland nuclei enlarged and readily visible; cardia with 3 longitudinally-ovoid glands; vulva longitudinal; ventral adanal region with papillae or pores (paravulvae)	15
6	Basal part about 2/3 of esophagus length; cardial disk, no cardia glands; vulva transverse, no paravulvae	16
6	Mural tooth needle-like, no lumen	8
7	Mural tooth deltoid, linear or dorylaimoid, with lumen	10
7	Tail elongate with clavate terminus	Clavicauda Heyns, 1968
8	Tail short and bluntly rounded, not clavate	9
8	Labial region offset by a constriction, anterior body contour not continuous	Solididens Heyns, 1968
9	Labial region continuous with body contour	Feroxides Heyns, 1968
9	Tail long, elongate-conoid, ventrally arcuate	Afronygus Heyns, 1968
10	Tail short, convex-conoid to rounded, or clavate	11
10	Tooth dorylaimoid with dorsal aperture	Laevides Heyns, 1968
11	Tooth deltoid or linear, without aperture	12
11	Labial region offset by a constriction, anterior body contour not continuous; tooth deltoid	13
12	Labial region continuous with body contour; tooth deltoid or linear	14
12	Male with prominent ventromedian supplements and gubernaculum	Paranygolaimus Heyns, 1968

13	Male with weak ventromedian supplements; gubernaculum absent	Nygolaimus Cobb, 1913
13	Tooth linear, tail convex-conoid or rounded	Aquatides Heyns, 1968
14	Tooth deltoid or linear, tail rounded to clavate	Clavicaudoides Heyns, 1968
14	Vulva longitudinal; cardia glands longitudinally ovoid	Paravulvus Heyns, 1968
15	Basal part about 2/3 of esophagus length; cardial disk, no cardia glands; vulva transverse	Nygolaimellus Loos, 1949
15	Odontostyle usually < 2x lip width; anterior section of esophagus slender but muscular; posterior without muscular sheath; 5 esophageal nuclei	18
16	Odontostyle very long and slender; anterior section of esophagus slender not muscular; posterior without muscular sheath; 3 esophageal	153
16	Odontostyle usually about 1x lip width; anterior section of esophagus slender but muscular, posterior surrounded by muscular sheath; 5 esophageal nuclei	160
17	Odontostyle usually 1-2x lip width; anterior section of esophagus muscular, posterior section a short bulb without muscular sheath; 5 esophageal nuclei	195
18	Stoma with 4 large onchia surrounding odontostyle	26
18	Stoma without large onchia	19
19	Cuticle with numerous conspicuous pores with sclerotized ducts	42
19	Cuticle without pores with sclerotized ducts	20
20	Anterior of body strongly tapered to a small head; subcuticular glands present	49
20	Anterior of body gently tapered to a normal dorylaimid head; subcuticular glands absent	21
21	Lip region low with the two circles of labial papillae close together	52
21	Lip region normal with the two circles of labial papillae well separated	22
22	Sublabial region sclerotized; lips amalgamated; males with few	57
22	Sublabial region not sclerotized; males with variable number of	23
23	Odontostyle long and slender with small aperture; odontophore surrounded by muscular sheath	68
23	Odontostyle intermediate length and diameter with large aperture	24
24	Female tail attenuated to filiform; male tail similar or short	86
24	Both female and male with short tail	25
25	Odontostyle aperture >1/2 odontostyle length; guiding ring plicated, appears double	110
25	Odontostyle aperture <1/2 odontostyle length; guiding ring simple	123
26	Odontostyle robust, dorylaimoid; cuticle without longitudinal ridges; anterior and posterior parts of esophagus muscular; vulval lips sclerotized; male and female with similar long tails	27

26	Odontostyle fairly robust, dorylaimoid; cuticle usually smooth; anterior and posterior parts of esophagus muscular; vulval lips sclerotized; male with short, rounded tail; female with long tail	32
26	Odontostyle long and slender; cuticle with longitudinal ridges; anterior part of esophagus non-muscular, mid and and posterior parts muscular; vulval lips not sclerotized; male with short, rounded tail; female with	28
27	Stoma with denticles	Trachypleurosum Andrassy, 1959
27	Tail differs in male and female, elongate to filiform in female, short and rounded in male	Trachactinolaimus Andrassy, 1963
28	Labial region low; odontostyle fairly robust	Parastomachoglossa Coomans & Loof, 1986
28	Labial region normal; odontostyle not robust	29
29	Cuticle very thick; inner vulval lips wider than vagina	Brasilaimus Zamith & Lordello, 1957
29	Cuticle not very thick; inner vulval lips moderately developed	30
30	Lip region strong and expanded; male tail with filiform extension	Practinocephalus Andrassy, 1974
30	Lip region not expanded; male tail without filiform extension	31
31	Anterior of stoma strong and hexagonal	Afratinca Vinciguerra & Clausi, 2000
31	Anterior of stoma thin-walled, circular	Actinca Andrassy, 1964
32	Cuticle with longitudinal ridges	Actinolaimus Cobb, 1913
32	Cuticle without longitudinal ridges	33
33	Anterior of stoma with 4 sclerotized plates	34
33	Anterior of stoma without sclerotized plates	35
34	Stoma wall with small denticles	Paractinolaimoides Khan. Ahmad & Jairajpuri, 1994
34	Stoma wall without denticles	Scleroactinolaimus Ahmad, Khan & Ahmad, 1993
35	Onchia fused at base	Metactinolaimus Meyl, 1957
35	Onchia separate, not fused	36
36	Anterior stoma walls strongly ribbed, basket-like	Westindicus Thorne, 1967
36	Anterior stoma walls not ribbed	37
37	Anterior stoma wall with denticles	38
37	Anterior stoma wall without denticles	39

38	Male supplements in a linear series	Paractinolaimus Meyl, 1957
38	Male supplements in clusters or fascicles	Afractinolaimus Andrassy, 1970
39	Male supplements in a linear series	40
39	Male supplements in clusters or fascicles	41
40	Anterior part of esophagus muscular	Egtitus Thorne, 1967
40	Anterior part of esophagus non-muscular	Stopractinca Khan, Ahmad & Jairajpuri, 1994
41	Onchia each with two small additional denticles	Neoactinolaimus Thorne, 1967
41	Onchia without additional denticles	Mactinolaimus Andrassy, 1970
42	Slender nematodes; cuticular pores indistinct; odontostyle very thin with small aperture; females diovarial, amphidelphic; tail conoid to elongate-conoid	47
42	Moderately slender nematodes; cuticular pores distinct; odontostyle thick with large aperture, often $>1/2$ odontostyle length; females monovarial or diovarial; tail short, rounded or elongate-conoid	43
43	Female reproductive system monovarial, opisthodelphic	Sicorinema Siddiqi, 1969
43	Female reproductive system diovarial	44
44	Cuticle with conspicuous lateral, ventral and dorsal pores	45
44	Cuticle without conspicuous pores; odontostyle short and thick with large aperture	Sicorinemella Andrassy, 2009
45	Odontostyle length about 1x labial width with large aperture, $>1/2$ odontostyle length	Moshajia Siddiqi, 1982
45	Odontostyle length $> 1x$ labial width with aperture about $1/3$ odontostyle length	46
46	Body slender; tail elongate-conoid	Poronemella Siddiqi, 1969
46	Body stout; tail short, conoid	Lordellonema Andrassy, 1959
47	Labial region offset from body contour, lips separated; odontostyle thin with small aperture	Crateronema Siddiqi, 1969
47	Labial region continuous with body contour, lips amalgamated; odontostyle thin with small aperture	48
48	Tail elongate-conoid, with distinct papillae in male	Chrysonema Thorne, 1929
48	Tail short without distinct papillae	Oonaguntus Thorne, 1974

49	Anterior of body narrowing strongly; neck outline concave; head very small, <1/4 body width at base of esophagus; odontostyle straight or bent dorsally; tail short-conoid or elongate-conoid to filiform	50
49	Anterior of body narrowing less strongly; neck outline concave; head small, about 1/3 body width at base of esophagus; odontostyle straight; tail short-conoid or conoid-rounded	51
50	Odontostyle straight with small aperture	Parapalus Loof & Zullini
50	Odontostyle bent dorsally with large aperture	Paraxonchium Krall, 1958
51	Odontostyle length >2x labial width, aperture about 1/4 length of odontostyle	Gopalus Khan, Jairajpuri & Ahmad, 1987
51	Odontostyle length about 1x labial width, aperture about 1/2 length of odontostyle	Tendinema Siddiqi, 1995
52	Head with lips amalgamated; two circles of labial papillae separated; odontostyle narrowing posteriorly; male with gubernaculum	53
52	Head with lips amalgamated; two circles of labial papillae very close; odontostyle narrowing posteriorly; male without gubernaculum	55
53	Male spicules short and straight without inner sclerotization	54
53	Male spicules arcuate with inner sclerotization; gubernaculum present	Nygolaimoides Meyl in Andrassy, 1960
54	Labial region offset from body contour; 6 small liplets within the outer labia	Thorniosa Andrassy, 1996
54	Labial region not offset from body contour; without inset liplets	Thornia Meyl, 1954
55	Anterior stoma with a sclerotized ring	Loofilaimus Jairajpuri, Ahmad & Sturhan, 1998
55	Anterior stoma without sclerotized ring	56
56	Male with 3-4 supplements	Sphaeroamphis Ahmad & Sturhan, 2000
56	Male without supplements	Thorneella Andrassy, 1960
57	Female tail elongate; male tail elongate or short, rounded	58
57	Female and male tails both short and rounded	Â 65
58	Anterior of body narrow, bottle-shaped; amphids small	Lagenonema Andrassy, 1987
58	Anterior of body not bottle-shaped; amphids large	59
59	Female tail attenuated to long; male tail short, round	60
59	Tails of males and females similar, either long or short, rounded	63
60	Female reproductive system monovarial, opisthodelphic	61
60	Female reproductive system diovarial, amphidelphic	62

61	Labial framework and esophageal collar sclerotized	Thornenema Andrassy, 1959
61	Labial framework and esophageal collar not sclerotized	Opisthodorylaimus Ahmad & Jairajpuri, 1982
62	Collar present; male with 15-17 ventromedian supplements, contiguous	Prothornenema Baqri & Bohra, 2003
62	Collar absent; male with 10-15 ventromedian supplements, spaced	Coomansinema Ahmad & Jairajpuri, 1989
63	Tail long in both males and females	64
63	Tail short, rounded in both males and females	65
64	Female reproductive system diovarial, amphidelphic	Sicaguttur Siddiqi, 1971
64	Female reproductive system monovarial, opisthodelphic	Indodorylaimus Mehdi Ali & Prabha, 1974
65	Female reproductive system diovarial with both branches equally developed, amphidelphic	66
65	Female reproductive system monovarial or monovarial with rudimentary anterior branch, opisthodelphic	67
66	Body very slender, 2.9-4.6 mm long	Anadorella Siddiqi, 2005
66	Body very small, 0.4-0.6 mm long	Paratimminema Rahaman, Ahmad & Khan, 1994
67	Cephalic framework and collar sclerotized	Sclerolabia Carbonell & Coomans, 1986
67	Cephalic framework and collar not sclerotized	Willinema Baqri & Jairajpuri, 1967
68	Odontostyle needle-like, <3x labial width; lips with raised papillae; vulva transverse, usually diovarial, amphidelphic; tail conoid; body length 0.6-2.2 mm	69
68	Odontostyle 2-9x labial width; labial papillae not raised; diovarial, amphidelphic or monovarial, opisthodelphic; tail short, conoid or cylindroid; body length 0.4-1.6 mm, usually robust	69
68	Odontostyle 2-5x labial width; lips with raised papillae; usually diovarial, amphidelphic; tail rounded or filiform; body length 1-8 mm	69
69	Female tail elongate; male tail rounded	Californidorus Robbins & Weiner, 1978
69	Tail similar in both sexes, either short or long	70

70	Head strongly expanded; amphid apertures on lateral lips	Kochinema Heyns, 1963
70	Head not expanded; amphid apertures post-labial	71
71	Odontostyle >3x labial diameter	72
71	Odontostyle <3x labial diameter	74
72	Odontostyle 8-9x labial diameter; posterior of body twisted	Acunemella Andrassy, 2002
72	Odontostyle 3-5x labial diameter; posterior of body not twisted	73
73	Tail cylindroid with broadly-rounded terminus	Thornedia Husain & Khan, 1965
73	Tail conoid or conoid-rounded with narrowly-rounded terminus	Longidorella Thorne, 1939
74	Odontostyle very thin, needle-like, aperture hardly discernible	75
74	Odontostyle not needle-like, aperture discernible	76
75	Female reproductive system diovarial, amphidelphic	Malekus Thorne, 1974
75	Female reproductive system monovarial, opisthodelphic	Oriverutoides Ahmad & Sturhan, 2002
76	Tail in both sexes long, filiform	77
76	Tail in both sexes short-conoid to elongate-conoid	78
77	Male with numerous contiguous ventro-median supplements	Lenonchium Siddiqi, 1965
77	Male with few, well-spaced, ventro-median supplements	Enchodorus Vinciguerra, 1976
78	Lips large, separate, with strongly projecting papillae	79
78	Lips not large, papillae not strongly projecting	80
79	Tail short-conoid, ventrally arcuate	Inbionema Loof & Zullini, 2000
79	Tail elongate-conoid, dorsally arcuate	Oriverutus Siddiqi, 1971
80	Stoma with thick, hyaline walls; male with numerous supplements (26-31)	Lanzavecchia Zullini, 1988
80	Stoma with thin walls; male with <16 supplements	81
81	Head rounded, continuous with body contour; tail bent dorsally	Actinolaimoides Meyl, 1957
81	Head offset from body contour; tail not bent dorsally	82
82	Anterior walls of stoma with four sclerotized platelets	83
82	Anterior walls of stoma without sclerotized platelets	84
83	Odontostyle 2-3x labial diameter, very slender, slightly curved; guiding ring double	Pungentus Thorne & Swanger, 1936
83	Odontostyle <2x labial diameter, straight; guiding ring simple	Pungentella Andrassy, 2009

84	Cuticle near vulva strongly wrinkled	Rhyssocolpus Andrassy, 1971
84	Cuticle near vulva not wrinkled	85
85	Tail rounded; posterior male supplements within 1x spicule length of cloaca	Enchodelus Thorne, 1939
85	Tail conoid; posterior male supplements > 1x spicule length from cloaca	Heterodorus Altherr, 1952
86	Cuticle smooth; odontostyle moderate; guiding ring narrow; vulva longitudinal, V<50%; spicules simple; male with only 1 or 2 supplements; tails in both sexes filiform; body length 0.8-1.0 mm	87
86	Cuticle smooth or with fine transverse striations; odontostyle strong, straight; guiding ring thin; vulva longitudinal, V<50%; spicules dorylaimid; male with numerous supplements; tails in both sexes elongate to filiform; body length up to 5 mm	87
86	Cuticle smooth or with distinct or longitudinal ridges striations; odontostyle strong, straight >1x labial diameter; guiding ring double; spicules dorylaimid; male with numerous supplements; tail in female elongate to filiform, short and rounded in male; body length up to 9 mm	87
86	Cuticle smooth or with fine transverse striations; odontostyle medium size; guiding ring simple; spicules dorylaimid; male with numerous supplements; tails differ between sexes, short mamillate or elongate to filiform in female, short and rounded in male; body length usually 1-	87
86	Cuticle smooth; odontostyle long and thin; guiding ring simple; vulva usually longitudinal; tails in both sexes similar or dissimilar; body length	87
87	Stoma with sclerotized pieces	Fuscheila Siddiqi, 1982 (Mesodorylaiminae)
87	Stoma without sclerotized pieces	88
88	Monosexual; only females present	Drepanodorylaimus Jairajpuri, 1966
88	Bisexual; males and females present	89
89	Cuticle with longitudinal ridges	90
89	Cuticle without longitudinal ridges	92
90	Male supplements arranged in two clusters (fascicles)	Ischiodorylaimus Andrassy, 1969
90	Male supplements arranged in a continuous series	91
91	Female tail elongate to filiform; guiding ring double	Dorylaimus Dujardin, 1845
91	Female tail conoid-rounded with short projection; guiding ring simple	Kittydorylaimus Andrassy, 1998
92	Tail in both sexes similar, elongate to filiform	93
92	Tail in both sexes dissimilar, elongate in female, short and mainly rounded in male	97

93	Spicule simple, alaimoid, only 1 or 2 supplements	Amphidorylaimus Andrassy, 1960
93	Spicule dorylaimoid, numerous supplements	94
94	Prerectum very long, 15-25x anal body diameter	Protodorylaimus Andrassy, 1988
94	Prerectum much shorter	95
95	Supplements close together, numbering 13-31	Prodorylaimus Andrassy, 1959
95	Supplements spaced, numbering 6-13	96
96	Body very slender (a about 60); head rounded, continuous with body contour	Kunjudorylaimus Dhanam & Jairajpuri, 2000
96	Body less slender; head truncate	Prodorylaimium Andrassy, 1969
97	Male tail conoid, ventrally arcuate	Afrodorylaimus Andrassy, 1964
97	Male tail rounded	98
98	Male tail with short terminal peg	Baladorylaimus Andrassy, 2001
98	Male tail without terminal peg	99
99	Subcuticle strongly striated	Idiodorylaimus Andrassy, 1969
99	Subcuticle not striated	100
100	Guiding ring double and high	101
100	Guiding ring simple and thin	102
101	Amphids with very small pore-like aperture	Halodorylaimus Andrassy, 1988
101	Amphids with wide slit-like aperture	Laimydorus Siddiqi, 1969
102	Body extremely slender, a = 60-90	Chrysodorus Jimenez- Guirado & Cadenas, 1985
102	Body much less slender	103
103	Paired pre- and post-cloacal papillae of male very strong; sperm small and rounded	104
103	Paired pre- and post-cloacal papillae of male very small; sperm fusiform	105
104	Spicules simple, without inner sclerotization; 4-8 supplements arranged in pairs	Apodorylaimus Andrassy, 1988
104	Spicules with inner sclerotization; 12-18 supplements arranged in a single row	Paradorylaimus Andrassy, 1969
105	Four spindle-shaped yellowish spots near base of odontostyle	Crocodorylaimus Andrassy, 1988
105	No spindle-shaped yellowish spots near base of odontostyle	106

106	Each spicule with a small spur near its distal end; posterior part of male body twisted	Calcaridorylaimus Andrassy, 1969
106	Spicules without spurs; posterior part of male body not twisted	107
107	Supplements 16-31, arranged in 3 groups: two continuous rows with a few between	Calodorylaimus Andrassy, 1969
107	Supplements in a continuous row	108
108	Supplements <5, widely spaced	Miodorylaimus Andrassy, 1986
108	Supplements 5-26, closely spaced	109
109	Body length 2.7-3.3 mm; vulva sunken below body contour	Namaquanema Heyns & Swart, 1993
109	Body length 0.8-2.3 mm; vulva not sunken below body contour	Mesodorylaimus Andrassy, 1959
110	Stoma with mural tooth	111
110	Stoma with axial odontostyle	113
111	Tooth parallel with body axis	Sectonema Thorne, 1930
111	Tooth at an angle to body axis	112
112	Anterior part of stoma with fine rasp-like denticles	Nygolaimium Thorne, 1930
112	Anterior part of stoma without denticles	Scapidens Heyns, 1965
113	Tail very long and filiform	114
113	Tail short, conoid-rounded or hemispherical	115
114	Tail very long and filiform	Aporcedorus Jairajpuri & Ahmad, 1983
115	Cuticle with 2 layers that refract light differently	116
115	Cuticle layers refract light similarly	117
116	Male with 2-5 pairs of adcloacal supplements; lip region only slightly offset	Makatinus Heyns, 1965
116	Male with only 1 pair of adcloacal supplements; lip region strongly offset	Aporcelaimellus Heyns, 1965
117	Lip region rounded, lips amalgamated, odontostyle very thick	Acrotonus Thorne, 1974
117	Lip region not rounded, lips not or only slightly amalgamated, odontostyle not unusually thick	118
118	Vestibule heavily sclerotized, anterior of odontostyle thick	Silvallis Jairajpuri & Ahmad, 1985
118	Vestibule not sclerotized, anterior of odontostyle normal	119
119	Odontostyle aperture arched dorsally, vulva cuticle wrinkled, very large nematodes (7-9.3 mm)	Epacrolaimus Andrassy, 2000
119	Odontostyle aperture not arched dorsally, vulva cuticle smooth	120

120	Aperture 1/3 of odontostyle length, vulva lips not sclerotized	Tubixaba Monteiro & Lordello 1980
120	Aperture $\frac{1}{2}$ or greater of odontostyle length, vulva lips usually sclerotized	121
121	Lip region high, tail conoid and > 1 anal body diameter	Metaporcelaimus Lordello, 1965
121	Lip region wide, tail conoid-rounded or hemispherical and < 1 anal body diameter	122
122	Body large (4-10 mm), vulval lips sclerotized	Aporcelaimus Thorne & Swanger, 1936
122	Body around 2 mm, vulval lips not sclerotized	Aporcella Andrassy, 2002
123	Females monovarial, opisthodelphic	124
123	Females diovarial, amphidelphic	125
124	Lip region broadly offset and high; lateral fields with conspicuous glands	Latocephalus Patil & Khan, 1982
124	Lip region normal; lateral fields without glands	Ecumenicus Thorne, 1974
125	Cuticle usually with conspicuous longitudinal ridges	Arctidorylaimus Mulvey & Anderson, 1979
125	Cuticle without longitudinal ridges	126
126	Head with sclerotized basket-like structure	127
126	Head without sclerotized basket-like structure	129
127	Tail conoid, ventrally arcuate, about 2x abd	Caryboca Lordello, 1967
127	Tail conoid-rounded to bluntly rounded, ventrally arcuate, about 1x abd	128
128	Mouth cavity barrel-shaped and heavily sclerotized posterior to basket-like structure	Caribenema Thorne, 1967
128	Mouth cavity simple and slightly sclerotized posterior to basket-like structure	Carcharolaimus Thorne, 1939
129	Lateral field with numerous conspicuous glandular structures	130
129	Lateral field without glandular structures	136
130	Head with inner sclerotized ring or plate structure	131
130	Head without inner sclerotized ring or plate structure	132
131	Tail conoid, curved ventrally	Mylodiscoides Lordello, 1963
131	Tail bluntly-rounded, short	Mylodiscus Thorne, 1939
132	Posterior section of esophagus surrounded by strong spiral-muscle sheath	Salimella Siddiqi, 2005
132	Posterior section of esophagus without spiral-muscle sheath	133
133	Labial region much wider than adjacent body, sucker-like	134

133	Labial region not so wide, not sucker-like	135
134	Tail elongate filiform	Filidiscolaimus Siddiqi, 1995
134	Tail short, bluntly rounded or conoid rounded	Discolaimus Cobb, 1913
135	Tail elongate, 2-5x abd, prerectum with short blind sac	Discolaimoides Heyns, 1963
135	Tail shorter, <2x abd, prerectum without blind sac	Discolaimium Thorne, 1939
136	Male with adcloacal pair of supplements far from cloaca, odontostyle weakly sclerotized	Amblydorylaimus Andrassy, 1998
136	Male with adcloacal pair of supplements on anterior cloacal lip	137
137	Oral field somewhat sunken with small inner liplets	138
137	Oral field without inner liplets	140
138	Vulva longitudinal, male with supplements contiguous	Labronema Thorne, 1939
138	Vulva transverse, male with supplements spaced	139
139	Odontostyle longer than lip width, tail short and bluntly rounded	Labronemella Andrassy, 1985
139	Odontostyle as long as lip width, tail elongate conoid	Baqriella Ahmad & Jairajpuri, 1989
140	A single ventromedial supplement	Kallidorylaimus Andrassy, 1989
140	Multiple ventromedial supplements	141
141	Intestine with very large vesiculose cells	Kolodorylaimus Andrassy, 1998
141	Intestine with normal cells	142
142	Slender and wider parts of esophagus separated by a constriction	Skibbenema Van Reenen & Heyns, 1986
142	Slender and wider parts of esophagus not separated by a constriction	143
143	Tail with long, apparently empty, distal part	Boreolaimus Andrassy, 1998
143	Tail without long, apparently empty, distal part	144
144	Tail >4x abd (4-8)	Epidorylaimus Andrassy, 1986
144	Tail <4x abd (1-3)	145
145	Odontostyle slender and significantly longer than lip width	Dorydorella Andrassy, 1987
145	Odontostyle not slender and with length close to lip width	146
146	Males with precloacal space absent and posterior pair of supplements level with spicules	147

146	Males with precloacal space present and posterior pair of supplements anterior to spicules	148
147	Small nematodes (0.3-0.8 mm), esophagus about 1/3 of body length	Microdorylaimus Andrassy, 1986
147	Larger nematodes (1-3 mm), esophagus about 1/4 of body length	Allodorylaimus Andrassy, 1986
148	Cardia with three gland cells	Torumanawa Yeates, 1967
148	Cardia without three glands	149
149	Tail subdigitate	Talanema Andrassy, 1991
149	Tail conoid or rounded	150
150	Tail conoid, straight or ventrally arcuate	Eudorylaimus Andrassy, 1959
150	Tail bluntly rounded	151
151	Anterior region of esophagus strongly muscular; spermatozoa minute, <0.1 abd	Crassogula Andrassy, 1991
151	Anterior region of esophagus moderately muscular; spermatozoa minute, 0.2-0.25 abd	152
152	Head continuous with body contour; lips amalgamated	Scalpellus Ahmad, 2004
152	Head offset from body contour; lips separate	Crassolabium Yeates, 1967
153	Odontophore with well-developed flanges; dorsal esophageal nucleus larger than subventral nuclei; females diovarial amphidelphic or monovarial opisthodelphic	Xiphinema Cobb, 1913
153	Odontophore without flanges or with very small flanges; dorsal esophageal nucleus smaller than subventral nuclei; females diovarial	154
154	Amphid apertures pore-like, inconspicuous	155
154	Amphid apertures slit-like, conspicuous	156
155	Guiding ring near posterior end of odontostyle; males with few supplements and posterior pair well anterior to spicules	Xiphidorus Monteiro, 1976
155	Guiding ring near anterior end of odontostyle; males with several supplements and posterior pair close to spicules	Longidorus Micoletzky, 1922
156	Amphids pouch-like with bilobed fovea	157
156	Amphids funnel or stirrup-shaped, not bilobed	158
157	Lip region sharply offset from body contour, guiding ring at posterior end of odontostyle	Australodorus Coomans, Olmos, Casella & Chaves, 2004
157	Lip region continuous with body contour, guiding ring at anterior end of odontostyle	Longidoroides Khan, Chawla & Saha, 1978

158	Lip region continuous with body contour	Paralongidorus Siddiqi, Hooper & Khan, 1963
158	Lip region sharply offset from body contour	159
159	Guiding ring at posterior end of odontostyle; males with supplements anterior to spicules	Paraxiphidorus Coomans & Chaves, 1995
159	Guiding ring at anterior end of odontostyle; males with posterior supplements closer to spicules	Siddiqia Khan, Chawla & Saha, 1978
160	Odontophore flanged; four sclerotized pieces around oral opening	162
160	Odontophore rod-like, not flanged; oral opening without sclerotized	161
161	Tail in both sexes short, conoid- rounded or cylindroid	165
161	Female tail long and filiform	183
162	Females monovarial, prodelphic	163
162	Females diovarial, amphidelphic or, rarely, monovarial, opisthodelphic	164
163	Vulva longitudinal; tail filiform	Ibadamus Siddiqi, 1983
163	Vulva transverse; tail short, rounded	Mesodorylaimus Jairajpuri & Ahmad, 1980
164	Tail cylindroid or clavate with thick terminal cuticle; vulva transverse	Axodorylaimellus Jairajpuri & Ahmad, 1980
164	Tail without thick terminal cuticle; vulva transverse; vulva longitudinal	Dorylaimellus Cobb, 1913
165	Lip region simple or with small liplets, continuous with body contour; anterior and posterior esophageal regions not separated by a constriction; posterior region of esophagus with spiral muscle sheath; tail in both sexes short and rounded	166
165	Lip region without liplets; anterior and posterior esophageal regions separated by a narrowing or deep constriction; posterior region of esophagus with straight rather than spiral muscle sheath; tail in both	175
166	Females monovarial	167
166	Females diovarial	170
167	Females prodelphic	Probelondira Andrassy, 2009
167	Females opisthodelphic	168
168	Lip region with mammiform papillae	Axonchoides Thorne, 1967
168	Lip region rounded, without mammiform papillae	169
169	Anterior slender part of esophagus 2/3 of esophagus length; male with 11 supplements	Immanigula Andrassy, 1991

169	Anterior slender part of esophagus about 1/2 of esophagus length; male with 1-2 supplements	Belondira Thorne, 1939
170	Muscular esophageal sheath with muscle bundles twisted sinistrally (to the left side)	171
170	Muscular esophageal sheath with muscle bundles straight or twisted dextrally (to the right side)	172
171	Male without supplements	Amphibelondira Rahman, Jairajpuri, Ahmad & Ahmad, 1987
171	Male with 5-7 supplements	Helicobelondira Yeates, 1973
172	Lip region with small perioral liplets; tail clavate	Belondirella Thorne, 1964
172	Lip region rounded; tail not clavate	173
173	Lip region continuous with body contour	Porternema Suryawanshi, 1972
173	Lip region offset from body contour	174
174	Oral opening with small platelets; odontostyle thick	Belaxellus Thorne, 1974
174	Oral opening without platelets; odontostyle slender	Bullaenema Sauer, 1968
175	Female diovarial, amphidelphic	Anchobelondira Nair & Coomans, 1971
175	Female monovarial, opisthodelphic	176
176	Esophagus very long, > 1/2 body length	Nimigula Andrassy, 1985
176	Esophagus shorter than 1/2 body length	177
177	Odontostyle slender with length 2x lip width	Heynsaxonchium Coomans & Nair, 1975
177	Odontostyle fusiform with length about 1x lip width	178
178	Tail subdigitate	Dactyluraxonchium Coomans & Nair, 1975
178	Tail hemispherical or conoid	179
179	Spicules very long and slender, not typical dorylaimoid	180
179	Spicules normal, more typical dorylaimoid	181
180	Vagina strongly inclined to the posterior; male with 4-6 supplements	Uniqaxonchium Dhanam & Jairajpuri, 1998

180	Vagina moderately inclined to the posterior; male with 2 supplements	Phallaxonchium Jairajpuri & Dhanachand, 1979
181	Lip region continuous with body contour; lips amalgamated	Syncheilaxonchium Coomans & Nair, 1975
181	Lip region offset from body contour; lips separate	182
182	Vulval lips sclerotized	Metaxonchium Coomans & Nair, 1975
182	Vulval lips not sclerotized	Axonchium Cobb, 1920
183	Female and male tails dissimilar, long in female, short and rounded in	184
183	Female and male tails similar, filiform in both sexes	185
184	Odontostyle very slender; muscular sheath of posterior esophageal region twisted to the left (sinistral)	Lindseyus Ferris & Ferris, 1973
184	Odontostyle thick, fusiform; muscular sheath of posterior esophageal region twisted to the right (dextral)	Roqueus Thorne, 1974
185	Odontostyle with a small dorsal projection at posterior end of its aperture; dorsal esophageal gland located near middle of posterior	186
185	Odontostyle without dorsal projection; dorsal esophageal gland located near anterior of posterior esophageal region	189
186	Expanded posterior of esophagus about 1/4 of esophagus length	187
186	Expanded posterior of esophagus $\geq 1/2$ of esophagus length	188
187	Lip region conoid, asymmetrical	Falcihasta Clark, 1964
187	Lip region rounded, symmetrical	Paraqudsiella Siddiqi, 1982
188	Female diovarial, amphidelphic	Â 76
188	Female monovarial, prodelphic	Hulqus Siddiqi, 1982
189	Odontostyle dorylaimoid; lip region slightly asymmetrical	Oxydirus Thorne, 1939
189	Odontostyle slender; lip region symmetrical	190
190	Female diovarial, amphidelphic	191
190	Female monovarial, prodelphic	194
191	Vestibule of stoma with basket-like chamber	Swangeria Thorne, 1939
191	Vestibule of stoma without basket-like chamber	192
192	Body length > 3mm	Paraoxydirus Jairajpuri & Ahmad, 1979
192	Body length 1-2 mm	193

193	Posterior part of esophagus with distinct muscular sheath	Qudsiella Jairajpuri, 1987
193	Posterior part of esophagus without muscular sheath	Durinemella Andrassy, 2009
194	Cephalic region with subcuticular sclerotization (collar)	Oxybelondira Ahmad & Jairajpuri, 1979
194	Cephalic region without subcuticular sclerotization	Paraoxybelondira Dhanam & Jairajpuri, 1999
195	Cuticle inner layer loose with irregular radial elements (tylencholaimoid)	196
195	Cuticle inner layer compact without radial elements (dorylaimoid)	197
196	Odontostyle slender, often without detectable lumen or aperture; basal expansion of esophagus short, 1/5 to 1/3 of esophagus length	200
196	Odontostyle more robust with distinct lumen and aperture; basal expansion of esophagus > 1/3 of esophagus length	224
197	Labial papillae cornuate or setiform; cuticle often divided into small	247
197	Labial papillae normal, papilliform	198
198	Odontostyle short and asymmetrical or curved, odontophore also asymmetrical	252
198	Odontostyle and odontophore symmetrical	199
199	Esophagus with three sections: a long slender, gradually-expanding anterior part, a slender intermediate part surrounded by glandular tissue, and a pyriform basal expansion	256
199	Esophagus dorylaimoid, a narrower anterior section and a broader posterior section	259
200	Odontostyle very slender, needle-like, without visible lumen or aperture	201
200	Odontostyle usually slender but with distinct lumen and aperture	206
201	Females diovarial	Glochidorella Siddiqi, 1982
201	Females monovarial	202
202	Females prodelphic	203
202	Females opisthodelphic	204
203	Lip region rounded; odontophore flanged	Zetalaimus Siddiqi, 1982
203	Lip region cap-like; odontophore simple	Trichonchium Siddiqi & Khan, 1964
204	Odontophore simple, rod-like	Basirotyleptus Jairajpuri, 1964
204	Odontophore flanged	205
205	Odontostyle length < lip width; lip-region cap-like	Aculonchus Siddiqi, 1982
205	Odontostyle length > lip width; lip-region rounded	Sclerostylus Goseco, Ferris & Ferris, 1981

206	Odontostyle length several times > lip width	207
206	Odontostyle length <= lip width	208
207	Body length of adult 1-3mm; odontophore flanged	Xiphinemella Loos, 1950
207	Body length of adult around 0.5mm; odontophore not flanged	Kantbhala Siddiqi, 1982
208	Odontostyle thick with wide lumen and distinct aperture	209
208	Odontostyle thin with very narrow lumen and minute aperture	212
209	Odontostyle asymmetric; female gonad prodelphic	Scalpenchus Siddiqi, 1995
209	Odontostyle symmetrical; female monovarial opisthodelphic or diovarial amphidelphic	210
210	Odontostyle length +/- 2x lip width	Utahnema Thorne, 1939
210	Odontostyle length <1x lip width	211
211	Oral aperture surrounded by inner liplets	Tyleptus Thorne, 1939
211	Oral aperture without inner liplets	Gymnotyleptus Ahmad & Jairajpuri, 1982
212	Female diovarial	213
212	Female monovarial	220
213	Odontophore with basal knobs	Clavigula Siddiqi, 1995
213	Odontophore simple, without basal swellings	214
214	Male with 12-20 supplements, contiguous or closely spaced	Meylis Goseco, Ferris & Ferris, 1974
214	Male with 0-10 supplements, widely spaced	215
215	Vulva pore-like	Apoleptonchus Siddiqi, 1982
215	Vulva transverse or longitudinal	216
216	Lip region continuous with body contour, lip-region rounded	Bertzuckermania Khera, 1970
216	Lip region offset from body contour, lip-region cap-like	217
217	Posterior part of esophagus with two constrictions; intestine surrounding posterior bulb	Incanema Andrassy, 1997
217	Posterior part of esophagus with one constriction; intestine not surrounding posterior bulb	218
218	Vulva longitudinal	Funaria Van der Linde, 1938
218	Vulva transverse	219
219	Posterior expansion of esophagus pyriform, about 1/5 of esophagus length; odontophore arcuate	Leptonchus Cobb, 1920

219	Posterior expansion of esophagus cylindrical, about 1/3 of esophagus length; odontophore straight	Sclerolaimus Jairajpuri & Ahmad, 1992
220	Female gonad opisthodelphic	Caveonchus Siddiqi, 1982
220	Female gonad prodelphic	221
221	Tail filiform in both sexes	Loncharionema Goseco, Ferris & Ferris, 1974
221	Tail short in both sexes	222
222	Anterior slender region of esophagus convoluted; basal expansion 1/10 of esophagus length	Paraleptonchus Dhanam & Jairajpuri, 1999
222	Anterior slender region of esophagus not convoluted; basal expansion about 1/4 of esophagus length	223
223	Stoma flask-like	Proleptonchus Lordello, 1955
223	Stoma tubular	Proleptonchoides Ferris, Goseco & Kumar, 1979
224	Odontostyle with thick walls	225
224	Odontostyle with normal walls	229
225	Tail filiform in both sexes; body length about 1mm	Pachydorylaimus Siddiqi, 1983
225	Tail short and rounded in both sexes; body length 2-6mm	226
226	Odontostyle >1x lip width; curved	227
226	Odontostyle <1x lip width; straight	228
227	Head rounded, broad; male supplements in double ventral rows	Vanderlinea Heyns, 1964
227	Head cap-like; male supplements in a single ventromedian row	Curvidorylaimus Jairajpuri & Rahman, 1983
228	Vulva longitudinal	Neometadorylaimus Jairajpuri & Ahmad, 1982
228	Vulva transverse	Metadorylaimus Jairajpuri & Goodey, 1966
229	Amphids small with minute pore-like aperture	230
229	Amphids larger with slit-like aperture	232
230	Odontostyle irregular shape, length >1x lip width	Mumtazium Siddiqi, 1969
230	Odontostyle regular shape, length <1x lip width	231

231	Female diovarial, amphidelphic; odontostyle fusiform	Promuntazium Siddiqi, 1982
231	Female monovarial, opisthodelphic; odontostyle slender	Tantunema Siddiqi, 1982
232	Tail long, filiform in both sexes	233
232	Tail short in both sexes	236
233	Body length 1.7-2.8 mm	Oxydiroides Altherr, 1972
233	Body length 0.8-1.5 mm	234
234	Odontophore with basal knobs; female monovarial, prodelphic	Discomyctus Thorne, 1939
234	Odontophore simple without basal knobs; female diovarial,	235
235	Perioral disc present; odontostyle irregular shape	Lawtonema Siddiqi, 1999
235	Perioral disc absent; odontostyle regular shape	Wasimellus Bloemers & Wanless, 1996
236	Subcuticle with distinct regular striations	Cricodorylaimus Ahmad & Sturhan, 2001
236	Subcuticle with less distinct and irregular striations	237
237	Odontostyle distinctly longer than lip width	238
237	Odontostyle $\leq 1 \times$ lip width	239
238	Lip region rounded; odontostyle slightly curved	Chitwoodius Furstenberg & Heyns, 1966
238	Lip region cap-like with elevated liplets; odontostyle straight	Chitwoodielloides Ahmad & Araki, 2123
239	Odontophore with small basal knobs	240
239	Odontophore without basal knobs	243
240	Lip region cap-like with elevated inner liplets	241
240	Lip region more or less rounded	242
241	Stoma surrounded by a small sclerotized ring	Tylenchodoroides Gagarin, 2121
241	Stoma without sclerotized ring	Tylencholaimus de Man, 1876
242	Odontostyle thick; tail hemispherical	Pseudotylencholaimus Jairajpuri & Ahmad, 1992
242	Odontostyle thin; tail conical	Tylenchodorus Siddiqi, 1983
243	Lip region rounded, slightly offset; odontostyle irregular	Rostrulium Siddiqi, 1995

243	Lip region cap-like, strongly offset; odontostyle regular	244
244	Female diovarial, amphidelphic	Chitwoodiellus Jimenez & Peñate-Santiago, 1992
244	Female monovarial, prodelphic	245
245	Perioral disk present; body length 1.7-2 mm	Capilonchus Siddiqi, 1982
245	Perioral disk absent; body length short 0.4-0.6 mm	Meylonema Andrassy, 1960
247	Cuticle tessellated	248
247	Cuticle smooth	250
248	Females monovarial, opisthodelphic; posterior part of esophagus pyriform	Encholaimus Golden & Murphy, 1967
248	Females diovarial, amphidelphic; posterior part of esophagus cylindroid	249
249	Outer labial sensilla long, setose	Helmabia Siddiqi, 1971
249	Outer labial sensilla very short	Nemabia Siddiqi, 1995
250	Inner labial papillae short, hardly elevated; female monovarial, prodelphic	Acephalodorylaimus Ahmad & Jairajpuri, 1983
250	Inner labial papillae setose; female monovarial, opisthodelphic or diovarial, amphidelphic	251
251	Female diovarial, amphidelphic	Cephalodorylaimus Jairajpuri, 1967
251	Female monovarial, opisthodelphic	Echinodorus Siddiqi, 1995
252	Large nematodes, 3-7 mm	253
252	Shorter nematodes, <3 mm	254
253	Males with two pairs of adcloacal supplements	Timmus Goseco, Ferris & Ferris, 1976
253	Males with one pair of adcloacal supplements	Calolaimus Timm, 1964
254	Tails of females and males dissimilar, elongate in females and short and rounded in males	Morasia Baqri & Jairajpuri, 1969
254	Tails of females and males similar	255
255	Expanded posterior of esophagus surrounded by a muscular sheath	Mydonomus Thorne, 1964
255	Expanded posterior of esophagus without muscular sheath	Dorylaimoides Thorne & Swanger, 1936
256	Tail short and rounded	257
256	Tail elongate conoid to filiform	258

257	Females monovarial	Adenolaimus Andrassy, 1973
257	Females diovarial	Oostenbrinkia Ali, Suryawanshi & Ahmad, 1973
258	Lips distinct with large papillae	Cladocephalus Swart & Heyns, 1991
258	Lips amalgamated with minute papillae	Aulolaimoides Micoletzky, 1915
259	Amphidial fovea strongly sclerotized	Athernema Ahmad & Jairajpuri, 1978
259	Amphidial fovea simple, not sclerotized	260
260	Odontostyle with a convex stiffening piece	261
260	Odontostyle without stiffening piece	263
261	Stiffening piece of odontostyle on ventral side; females monovarial, prodelphic	Dorella Jairajpuri, 1964
261	Stiffening piece of odontostyle on dorsal side; females monovarial, opisthodelphic	262
262	Labial framework sclerotized	Margollus PeÑ±a- Santiago, Peralta & Siddiqi, 1993
262	Labial framework not sclerotized	Tylencholaimellus Cobb, 1915
263	Female diovarial, amphidelphic	264
263	Female monovarial, opisthodelphic	265
264	Odontophore with posterior knobs	Phellonema Thorne, 1964
264	Odontophore simple, without knobs	Goferus Jairajpuri & Ahmad, 1992
265	Odontostyle very short, with tip appearing broken	Agmodorus Thorne, 1964
265	Odontostyle normal	266
266	Tail filiform	Oostenbrinkella Jairajpuri, 1965
266	Tail short, rounded	Doryllium Cobb, 1920