

From	Description	To
0	Specimen	1
1	Female didelphic	2
1	Female monodelphic	4
2	Cephalic framework moderately sclerotized; vulva provided with lateral vulval membranes; male cloaca provided with large hypopygmata	Antarctenchus (Spaull, 1972)
2	Cephalic framework not sclerotized; vulva without lateral vulval membranes; male without hypopygmata	3
3	Head high with distinct amphidial slit on the lateral side; median bulb usually behind middle of pharynx	Psilenchus (de Man, 1921)
3	Head low with indistinct amphidial slit; median bulb anterior to middle of pharynx	Atetylenchus (Cobb 1913)
4	Stylet = 76-104 μ m	5
4	Stylet = 38-52 μ m	Epicharinema (Raski, Maggenti, Koshy & Sosamma, 1982)
4	Stylet = 22-34 μ m	6
4	Stylet less than 22 μ m	7
5	Cephalic region continuous, not lobed; lateral field beginning near middle of pharynx	Tylodorus (Meagher, 1964)
5	Cephalic region offset, with four prominent lobes; lateral field beginning at base of pharynx	Arboritynchus (Reay, 1991)
6	Cuticle with longitudinal ridges	Campbellenchus (Wouts, 1977)
6	Cuticle without longitudinal ridges except for the lateral field	Gracilancea (Siddiqi, 1976)
7	Head with setae	8
7	Head without setae	9
8	Vulva covered by longitudinal flap, male without caudal alae; cloaca provided with large hypopygmata	Atetylenchus (Cobb 1913)
8	Vulva with lateral vulval flaps; male with caudal alae; cloaca raised	Eutylenchus (Cobb 1913)

9	Cuticle provided with longitudinal ridges	10
9	Cuticle without longitudinal ridges except for the lateral field	14
10	Stylet conus about 1/3 of stylet length	11
10	Stylet conus about 1/2 of stylet length	13
11	The longitudinal ridges mask the transverse body annulations; lateral field not distinct (the mid-lateral ridge appears slightly larger than the others)	Ridgellus (Siddiqi, 2000)
11	The longitudinal ridges divide the transverse annulations into blocks	12
12	Lateral field with four lines	Neothada (Khan, 1973)
12	Lateral field with two lines, very thin animals	Ecphyadophoriodes (Corbett 1964)
13	Vulva covered by longitudinal flap; stylet = 17-19 μ m	Pleurotylencus (Szczygiel, 1969)
13	Vulva with lateral flaps (sometimes small or absent); stylet less than 15 μ m (exceptionally 17-19 μ m)	Coslenchus (Siddiqi, 1978)
14	Stylet conus about 1/3 of stylet length	15
14	Stylet conus about 1/2 stylet length	31
15	15. Head high with oblique or transverse amphidial slit on the lateral side	16
15	Head variously shaped, amphidial slit longitudinally oriented or only present on the front (than not seen by light microscopy)	18
16	Body ventrally curved, sometimes in spiral; female reproductive system with offset spermatheca filled with small refractive sperm and ovary with oocytes in multiple rows	Boleodorus (Thorne, 1941)
16	Body straight or only slightly curved; sperm not refractive and oocytes not in multiple rows	17

17	17. Anterior part of stylet not conical but with wide lumen, stylet without knobs	Neopsilenchus (Thorne & Malek, 1968)
17	Anterior part of stylet conical with the usual very fine lumen; stylet with or without knobs	Basiria (Siddiqi, 1959)
18	Head with large dome-shaped structure	Cucullitylenchus (Huang & Raski, 1986)
18	Head with small disc-like structure at front end	19
18	Head with smooth contour	20
19	Very slender, (a-value=62-67); caudal alae posteriorly concave	Mitranema (Siddiqi, 1986)
19	Not so slender; caudal alae rounded, no vulval flaps	Discotylenchus (Siddiqi, 1980)
19	Not so slender; caudal alae rounded, distinct vulval flaps	Malenchus (M. labiatus) (Maqbool & Shahina, 1985)
20	Very slender body (a-value 60-180); bursa lobed	21
20	Very slender body, bursa not lobed	22
20	Body not extremely slender; bursa (if present) not lobed	23
21	Body constricted at vulva; head quadrangular (amphidial openings small pores on front, not distinct with light microscopy)	Ecyphyadophora (de Man, 1921)
21	Body not constricted at vulva; head dorso-ventrally flattened; long sinuous amphidial aperture	Tenunemellus (Siddiqi, 1986)
22	Lateral field absent	Ultratenella (Siddiqi, 1984)
22	Lateral field prominent with four lines	Chilenchus (Siddiqi, 2000)
23	Cuticular annuli deeply incised	24
23	Cuticular annuli not so deeply incised, sometimes indistinct	27
24	Stylet with minute swellings, median bulb hardly developed	Thada (Thorne, 1941)
24	Stylet with small knobs, median bulb hardly or well developed	25

25	Annuli zigzag in surface view; annulations continue on the head; male without caudal alae	Miculenchus (Andrássy, 1959)
25	Annuli normal; male with caudal alae	26
26	Vulva with projecting vulval lips, male with elongated bursa	Silenchus (Andrássy, 2001)
26	Vulva sunken in body; male with rather short, ad-cloacal bursa	Malenchus (Andrássy, 1968)
27	Head dorso-ventrally flattened with longitudinal sinuous amphidial apertures; the small head contains large amphidial pouches; body usually very slender	Lelenchus (Andrássy, 1954)
27	Head quadrangular with usually longitudinal (but not sinuous) amphidial apertures; amphidial pouches not distinct; relatively thicker species	28
28	Clavate stylet knobs with ventrally situated opening of pharyngeal lumen; dorsal gland has opening one half to one stylet length posterior to knobs	Irantylenchus (Kheiri, 1972)
28	Stylet has rounded knobs; dorsal gland opening close to knobs	29
29	Lateral vulval membranes	Fraglenchus (Siddiqi, 2000)
29	Lateral vulval membranes absent	30
30	Median bulb underdeveloped, no valves	Sakia (Khan, 1964)
30	Median bulb slightly or well developed, with valves	Filenchus (Andrássy, 1954)
31	Vulva provided with lateral flaps	32
31	Vulva without flaps	33
32	Lateral field with two lines; vagina thin; post-vulval sac short	Allotylenchus (Andrássy, 1984)
32	Lateral field with three lines (but the two ridges can slightly separate so that in total four lines can sometimes be seen); vagina thickened; post-vulval sac short	Aglenchus (Andrássy, 1954)

32	Lateral field with four lines, vagina not swollen, no post-vulval uterine sac	Fraglenchus (Siddiqi, 2000)
32	Lateral field usually with six lines, sometimes four lines; vagina not thickened; post-vulval uterine sac well developed	Cephalenchus (Goodey, 1962)
33	Pharynx without median bulb	Tanzanius (Siddiqi, 1991)
33	Pharynx with median bulb	34
34	Lateral field and body annulations at mid-body mostly inconspicuous	35
34	Lateral field and body annulations distinct; caudal alae distinct	36
35	A few large annuli just posterior to the head	Cervoannulatus (Bajaj, 1998)
35	Not such large annuli	Polenchus (Andrássy, 1980)
36	Vulva with projecting vulval lips, male with elongated bursa	Silenchus (Andrássy, 2001)
36	Vulva plain, male with shorter, ad-cloacal bursa	Tylenchus (Bastian, 1865)