

From	Key to <i>Pratylenchus</i> Pablo Castillo and Nicola Vovlas	To
Start	<i>Pratylenchus</i> Specimen	1
1	Labial region with two annuli	2
1	Labial region with three annuli	28
1	Labial region with four annuli	65
2	Males absent, spermatheca empty	3
2	Males generally common, spermatheca filled with sperm	8
3	Stylet length < 13 μm	<i>P. angulatus</i>
3	Stylet length > 13 μm	4
4	Spermatheca absent or reduced	<i>P. acuticaudatus</i>
4	Spermatheca well developed	5
5	Vulva position < 75%	<i>P. crassi</i>
5	Vulva position 75%	6
6	Post-vulval uterine sac < 16 μm	7
6	Post-vulval uterine sac 30-35 μm long	<i>P. hippeastri</i>
7	Female tail tip smooth	<i>P. tenuis</i>
7	Female tail tip striated	<i>P. estoniensis</i>
8	Stylet length > 20 μm	<i>P. macrostylus</i>
8	Stylet length < 20 μm	9
9	Stylet length 18-20 μm	10
9	Stylet length < 18 μm	11
10	Spermatheca reduced, labial region offset from body, with angular anterior margin	<i>P. brachyurus</i>
10	Spermatheca developed, rectangular	<i>P. brzeskii</i>
11	Stylet length 16-17.9 μm	12
11	Stylet length < 16 μm	18
12	Spermatheca reduced, second annulus of labial region wider than first	<i>P. neglectus</i>
12	Spermatheca developed	13
13	Spermatheca rounded to spherical	14
13	Spermatheca oval or rectangular	15
14	Post-vulval uterine sac < 20 μm	<i>P. flakkensis</i>
14	Post-vulval uterine sac 25-30 μm	<i>P. dunensis</i>
15	Post-vulval uterine sac < 16 μm	<i>P. yamagutii</i>
15	Post-vulval uterine sac > 16 μm	16
16	Female tail subcylindrical	<i>P. panamaensis</i>
16	Female tail conoid	17
17	Pharyngeal overlap < 40 μm , labial region rounded, spermatheca rectangular, tail tapering gradually to smooth conical tip, usually with narrowly rounded terminus, males abundant	<i>P. loosi</i>
17	Pharyngeal overlap > 50 μm	<i>P. okinawensis</i>
18	Spermatheca reduced, lateral fields with six lines on most of body.	<i>P. hexincisus</i>
18	Spermatheca developed	19
19	Spermatheca rounded to spherical	20

19	Spermatheca oval	24
20	Vulva position < 75%	<i>P. gibbicaudatus</i>
20	Vulva position > 75%	21
21	Post-vulval uterine sac < 20 µm	22
21	Post-vulval uterine sac > 20 µm	<i>P. jaehni</i>
22	Female tail conoid	<i>P. silvaticus</i>
22	Female tail subcylindrical	23
23	Female tail tip smooth	<i>P. alleni</i>
23	Female tail tip striated	<i>P. roseus</i>
24	Vulva position < 75%	25
24	Vulva position > 75%	26
25	Female tail subcylindrical	<i>P. artemisiae</i>
25	Female tail conoid, labial region slightly offset from body, stylet stout, with rounded knobs, spermatheca oblong, tail tapering slightly with smooth terminus	<i>P. scribneri</i>
26	Post-vulval uterine sac < 16 µm	<i>P. neobrachyurus</i>
26	Post-vulval uterine sac > 16 µm	27
27	Pharyngeal overlap < 40 µm, labial region slightly offset, postvulval uterine sac 1.0-1.5 body diam. long with a terminal rudimentary ovary, female tail tip truncate or hemispherical	<i>P. coffeae</i>
27	Pharyngeal overlap > 50 µm	<i>P. pseudocoffeae</i>
28	Males absent, spermatheca empty	29
28	Males generally common, spermatheca filled with sperm	43
29	Stylet length < 13 µm	<i>P. microstylus</i>
29	Stylet length > 13 µm	30
30	Stylet length 18-20 µm	31
30	Stylet length < 18 µm	32
31	Post-vulval uterine sac < 20 µm	<i>P. japonicus</i>
31	Post-vulval uterine sac > 20 µm	<i>P. bolivianus</i>
32	Stylet length < 16 µm	33
32	Stylet length > 16 µm	37
33	Spermatheca reduced or absent	34
33	Spermatheca oval	<i>P. elamini</i>
34	Vulva position < 75%	<i>P. teres</i>
34	Vulva position > 75%.	35
35	Post-vulval uterine sac < 25 µm	36
35	Post-vulval uterine sac > 25 µm	<i>P. sensillatus</i>
36	Female tail tip smooth	<i>P. cruciferus</i>
36	Female tail tip striated	<i>P. kumaoensis</i>
37	Spermatheca reduced or absent	38
37	Spermatheca developed	41
38	Vulva position < 75%	<i>P. curvicauda</i>
38	Vulva position > 75%.	39

39	Post-vulval uterine sac < 16 μm	<i>P. pinguicaudatus</i>
39	Post-vulval uterine sac > 20 μm	40
40	Female tail tip smooth	<i>P. delattrei</i>
40	Female tail tip striated	<i>P. subranjani</i>
41	Vulva position < 75%	<i>P. yassini</i>
41	Vulva position > 75%.	42
42	Post-vulval uterine sac shorter than 20 μm	<i>P. arlingtoni</i>
42	Post-vulval uterine sac longer than 20 μm	<i>P. andinus</i>
43	Stylet length < 13 μm	<i>P. ekrami</i>
43	Stylet length > 13 μm	44
44	Stylet length < 16 μm	45
44	Stylet length > 16 μm	55
45	Spermatheca rounded to spherical	46
45	Spermatheca oval or rectangular	49
46	Vulva position < 75%.	<i>P. bhattii</i>
46	Vulva position > 75%.	47
47	Post-vulval uterine sac < 16 μm	<i>P. kralli</i>
47	Post-vulval uterine sac > 16 μm	48
48	Female tail tip smooth	<i>P. mediterraneus</i>
48	Female tail tip striated	<i>P. pseudofallax</i>
49	Spermatheca oval	50
49	Spermatheca rectangular	53
50	Vulva position < 75%	<i>P. sudanensis</i>
50	Vulva position > 75%	51
51	Post-vulval uterine sac > 30 μm , labial region almost continuous with body contour, pharynx overlapping intestine in a long lobe, spermatheca oblong, post-vulval uterine sac ca 2 vulval body diam. long with rudimentary ovary, tail tapering, with narrowly rounded to subacute smooth tip	<i>P. vulnus</i>
51	Post-vulval uterine sac < 30 μm	52
52	Female tail tip smooth	<i>P. unzenensis</i>
52	Female tail tip striated	<i>P. pratensisobrinus</i>
53	Vulva position < 80%	54
53	Vulva position 80-85%	<i>P. manaliensis</i>
54	Female tail tip striated, cuticle finely annulated, oval to rectangular spermatheca, post-vulval uterine sac length similar to body diam., tail annulated until terminus	<i>P. pratensis</i>
54	Female tail tip with a ventral projection	<i>P. ventroprojectus</i>
55	Spermatheca reduced or absent	56
55	Spermatheca developed	58

56	Vulva position < 76%, spermatheca round, vulva at 68-76%, tail conoid, terminus generally almost pointed, narrowly rounded to subacute, unstriated	P. zeae
56	Vulva position > 76%.	57
57	Female tail tip smooth, labial region not offset from body, outer margin of sclerotised labial framework conspicuously extending ca two annuli into body and 1 annulus into labial region, lateral fields with four lines, the outer ones straight or weakly crenate, stylet medium size (17-19 μm long), spermatheca difficult to see, not containing spermatozoa, males very rare	P. thornei
57	Female tail tip striated	P. crenatus
58	Spermatheca rounded to spherical	59
58	Spermatheca oval	62
59	Post-vulval uterine sac longer than 35 μm	P. convallariae
59	Post-vulval uterine sac between 25-30 μm	60
60	Female tail tip smooth, labial region slightly offset, low, flat in front, with rounded outer margins, pharynx overlapping intestine in a lobe ca 1.5 body diam. long, post-vulval uterine sac short, undifferentiated and tail generally rounded, tip smooth	P. penetrans
60	Female tail tip striated	61
61	Spermatheca rectangular, female tail tip rounded to truncate, smooth	P. pseudopratis
61	Spermatheca rounded, female tail tip rounded, smooth or slightly irregular contour	P. fallax
62	Post-vulval uterine sac > 35 μm	P. morettoii
62	Post-vulval uterine sac < 35 μm	63
63	Female tail tip smooth	64
63	Female tail tip striated	P. kasari
64	Post-vulval uterine sac < 20 μm	P. subpenetrans
64	Post-vulval uterine sac > 30 μm	P. mulchandi
65	Males absent, spermatheca empty	66
65	Males generally common, spermatheca filled with sperm, lateral fields with four inconspicuous lines, the two outer bands partially areolated, tail conoid, ventrally concave	P. goodeyi
66	Post-vulval uterine sac > 30 μm	P. typicus
66	Post-vulval uterine sac < 30 μm	P. wescolagricus