

Table S3. Barcode gap analysis as generated by Barcode of Life Data Systems (BOLD) V4 for terrestrial nematodes in the order Tylenchida: Superfamily Criconematoidea. For each species, the mean and maximum intra-specific values are compared to the nearest neighbor distance. Where the species is a singleton, N/A is displayed for intra-specific values. This table only includes specimen records deposited on BOLD by the authors.

Family	Genus/Species	Mean Intra-Specific	Maximum Intra-Specific	Nearest Neighbor	Nearest Species	Distance to Nearest Neighbor
Caloosiidae	<i>Hemicaloosia</i> sp. BITH	2.21	2.21	CRICO285-16	<i>Hemicycliophora</i> sp. Singleton Z	11.24
Caloosiidae	<i>Hemicaloosia</i> sp. Ontario	N/A	0	CRICO1574-19	<i>Hemicycliophora</i> sp. Singleton B	10.55
Criconematidae	<i>Bakernema inaequale</i>	1.26	4.94	CRICO486-16	<i>Criconema longulum</i>	14.65
Criconematidae	<i>Criconema acriculum</i>	0.73	2.38	CRICO486-16	<i>Criconema longulum</i>	7.76
Criconematidae	<i>Criconema crotaloides</i>	5.97	10.05	CRICO1135-16	<i>Criconema</i> sp. Oregon	8.83
Criconematidae	<i>Criconema longulum</i>	0	0	CRICO496-16	<i>Criconema petasum</i>	7.62
Criconematidae	<i>Criconema loofi</i>	2.97	5.58	CRICO420-16	<i>Criconema petasum</i>	10.78
Criconematidae	<i>Criconema mutabile</i>	0.05	0.2	CRICO1371-18	<i>Ogma tenuicaudatus</i>	11.49
Criconematidae	<i>Criconema permistum</i>	1.28	2.63	CRICO611-16	<i>Criconema sphagni</i>	10.75
Criconematidae	<i>Criconema petasum</i>	1.76	3.66	CRICO1390-18	<i>Ogma seymouri</i>	6.58
Criconematidae	<i>Criconema</i> sp. Alaska	0	0	CRICO1580-19	<i>Criconema sphagni</i>	6.35
Criconematidae	<i>Criconema</i> sp. BraulioCarilloNP	2.19	6.58	CRICO1009-16	<i>Criconema sphagni</i>	7.78
Criconematidae	<i>Criconema</i> sp. Denmark	0.13	0.2	CRICO510-16	<i>Crossonema menzeli</i> Norway	8.57
Criconematidae	<i>Criconema</i> sp. Ireland	0	0	CRICO496-16	<i>Criconema petasum</i>	8.76
Criconematidae	<i>Criconema</i> sp. Nepal	0	0	CRICO256-16	<i>Criconema mutabile</i>	12.15
Criconematidae	<i>Criconema</i> sp. Oregon	0	0	CRICO1125-16	<i>Criconema crotaloides</i>	8.83
Criconematidae	<i>Criconema</i> sp. Patterson hemlock	0	0	CRICO537-16	<i>Criconema sphagni</i>	7.54
Criconematidae	<i>Criconema</i> sp. Prairie	0.37	0.79	CRICO1487-18	<i>Criconema</i> sp. BraulioCarilloNP	8.32

Criconematidae	<i>Criconema</i> sp. Utah	0.2	0.59	CRICO1125-16	<i>Criconema crotaloides</i>	10.78
Criconematidae	<i>Criconema</i> sp. bcnp	0	0	CRICO018-16	<i>Crossonema menzeli</i> Denmark	9.65
Criconematidae	<i>Criconema</i> sp. turf	0.2	0.2	CRICO1511-19	<i>Criconema mutabile</i>	19.19
Criconematidae	<i>Criconema sphagni</i>	2.34	4.69	CRICO946-16	<i>Criconema</i> sp. Alaska	6.35
Criconematidae	<i>Criconemoides annulatus</i>	9.51	17.45	CRICO687-16	<i>Criconema sphagni</i>	13.02
Criconematidae	<i>Criconemoides informis</i>	7.23	14.12	CRICO386-16	<i>Crossonema menzeli</i> Denmark	11.71
Criconematidae	<i>Criconemoides inusitatus</i>	0	0	CRICO1511-19	<i>Criconema mutabile</i>	13.68
Criconematidae	<i>Criconemoides</i> sp. BurOak	0	0	CRICO1463-18	<i>Criconemoides</i> sp. Heredia	9.55
Criconematidae	<i>Criconemoides</i> sp. Heredia	N/A	0	CRICO021-16	<i>Criconemoides</i> sp. BurOak	9.55
Criconematidae	<i>Criconemoides</i> sp. Iran	0.13	0.63	CRICO1603-19	<i>Criconemoides</i> sp. Poland	21.17
Criconematidae	<i>Criconemoides</i> sp. MO Glade	N/A	0	CRICO1463-18	<i>Criconemoides</i> sp. Heredia	12.59
Criconematidae	<i>Criconemoides</i> sp. Poland	0	0	CRICO1020-16	<i>Criconemoides informis</i>	12.27
Criconematidae	<i>Criconemoides</i> sp. RouttNF	N/A	0	CRICO1020-16	<i>Criconemoides informis</i>	12.27
Criconematidae	<i>Criconemoides</i> sp. Thailand	0	0	CRICO170-16	<i>Criconemoides informis</i>	12.76
Criconematidae	<i>Criconemoides</i> sp. WI-TX	5.4	8.1	CRICO869-16	<i>Criconema sphagni</i>	11.49
Criconematidae	<i>Criconemoides sphaerocephalum</i>	12.95	21.76	CRICO486-16	<i>Criconema longulum</i>	12.52
Criconematidae	<i>Crossonema fimbriatum</i>	3.36	5.73	CRICO143-16	<i>Ogma seymouri</i>	6.37
Criconematidae	<i>Crossonema menzeli</i> Denmark	1.97	5.1	CRICO1390-18	<i>Ogma seymouri</i>	5.94
Criconematidae	<i>Crossonema menzeli</i> Norway	1.47	3.64	CRICO1481-18	<i>Ogma</i> sp. LasCruces	6.8
Criconematidae	<i>Crossonema</i> sp. BITH	1.2	2.82	CRICO620-16	<i>Crossonema menzeli</i> Norway	8.76
Criconematidae	<i>Crossonema</i> sp. MTWY	N/A	0	CRICO351-16	<i>Crossonema</i> sp. Nepal-NA	0.63
Criconematidae	<i>Crossonema</i> sp. Nepal-NA	0.07	0.2	CRICO1624-19	<i>Crossonema</i> sp. MTWY	0.63
Criconematidae	<i>Crossonema</i> sp. Vermont	0.13	0.2	CRICO815-16	<i>Ogma murrayi</i>	6.37
Criconematidae	<i>Discocriconemella limitanea</i>	15.98	23.97	CRICO696-16	<i>Mesocriconema rusticum</i>	12.62
Criconematidae	<i>Discocriconemella</i> sp. Thailand	N/A	0	CRICO486-16	<i>Criconema longulum</i>	9.05

Criconematidae	<i>Hemicriconemoides californicus</i>	N/A	0	CRICO371-16	<i>Ogma murrayi</i>	8.99
Criconematidae	<i>Hemicriconemoides chitwoodi</i>	0	0	CRICO507-16	<i>Criconema sphagni</i>	9.49
Criconematidae	<i>Hemicriconemoides minor</i>	0	0	CRICO869-16	<i>Criconema sphagni</i>	12
Criconematidae	<i>Hemicriconemoides</i> sp. FLThai	N/A	0	CRICO1021-16	<i>Hemicriconemoides</i> sp. Singleton AA	6.86
Criconematidae	<i>Hemicriconemoides</i> sp. HIThai	0	0	CRICO1289-18	<i>Hemicriconemoides</i> sp. Singleton AB	3.02
Criconematidae	<i>Hemicriconemoides</i> sp. Nepal	N/A	0	CRICO934-16	<i>Hemicriconemoides californicus</i>	10.55
Criconematidae	<i>Hemicriconemoides</i> sp. Singleton AA	N/A	0	CRICO1549-19	<i>Hemicriconemoides</i> sp. FLThai	6.86
Criconematidae	<i>Hemicriconemoides</i> sp. Singleton AB	N/A	0	CRICO1533-19	<i>Hemicriconemoides</i> sp. HIThai	3.02
Criconematidae	<i>Hemicriconemoides</i> sp. Singleton AL	N/A	0	CRICO934-16	<i>Hemicriconemoides californicus</i>	12.39
Criconematidae	<i>Hemicycliophora macristhmus</i> Singleton W	N/A	0	CRICO1574-19	<i>Hemicycliophora</i> sp. Singleton B	10.84
Criconematidae	<i>Hemicycliophora</i> sp. 8	N/A	0	CRICO1542-19	<i>Hemicycliophora</i> sp. Crescent Lake	11.01
Criconematidae	<i>Hemicycliophora</i> sp. 9	0	0	CRICO043-16	<i>Hemicycliophora typica</i> Singleton T	7.93
Criconematidae	<i>Hemicycliophora</i> sp. BITH	0.09	0.2	CRICO1440-18	<i>Hemicycliophora</i> sp. Byrne SF	3.06
Criconematidae	<i>Hemicycliophora</i> sp. Byrne SF	0	0	CRICO1314-18	<i>Hemicycliophora</i> sp. BITH	3.06
Criconematidae	<i>Hemicycliophora</i> sp. Crescent Lake	0	0	CRICO1602-19	<i>Hemicycliophora</i> sp. 8	11.01
Criconematidae	<i>Hemicycliophora</i> sp. LaSelva	0.2	0.2	CRICO1485-18	<i>Hemicycliophora</i> sp. LasCruces	12.04
Criconematidae	<i>Hemicycliophora</i> sp. LasCruces	0	0	CRICO1452-18	<i>Hemicycliophora</i> sp. LaSelva	12.04
Criconematidae	<i>Hemicycliophora</i> sp. Poland	N/A	0	CRICO1621-19	<i>Crosssonema</i> sp. Nepal-NA	12.93
Criconematidae	<i>Hemicycliophora</i> sp. Quebec	0	0	CRICO1440-18	<i>Hemicycliophora</i> sp. Byrne SF	9.24
Criconematidae	<i>Hemicycliophora</i> sp. Singleton B	N/A	0	CRICO1395-18	<i>Hemicaloosia</i> sp. Ontario	10.55
Criconematidae	<i>Hemicycliophora</i> sp. Singleton S	N/A	0	CRICO1578-19	<i>Hemicycliophora</i> sp. 9	12.55
Criconematidae	<i>Hemicycliophora</i> sp. Singleton U	N/A	0	CRICO1485-18	<i>Hemicycliophora</i> sp. LasCruces	13.28
Criconematidae	<i>Hemicycliophora</i> sp. Singleton V	N/A	0	CRICO1621-19	<i>Crosssonema</i> sp. Nepal-NA	13.01
Criconematidae	<i>Hemicycliophora</i> sp. Singleton Z	N/A	0	CRICO982-16	<i>Hemicaloosia</i> sp. BITH	11.24

Criconematidae	<i>Hemicycliophora</i> sp. UT-CO	2.06	3.66	CRICO1602-19	<i>Hemicycliophora</i> sp. 8	12.22
Criconematidae	<i>Hemicycliophora thornei</i> Singleton X	N/A	0	CRICO285-16	<i>Hemicycliophora</i> sp. Singleton Z	12.62
Criconematidae	<i>Hemicycliophora typica</i> Singleton T	N/A	0	CRICO1578-19	<i>Hemicycliophora</i> sp. 9	7.93
Criconematidae	<i>Lobocriconema incrassatum</i> HG03	0	0	CRICO1039-16	<i>Lobocriconema incrassatum</i> HG16	8.84
Criconematidae	<i>Lobocriconema incrassatum</i> HG16	0	0	CRICO1030-16	<i>Lobocriconema incrassatum</i> HG03	8.84
Criconematidae	<i>Lobocriconema</i> sp. Denmark	N/A	0	CRICO1107-16	<i>Lobocriconema</i> sp. Santa Fe	11.29
Criconematidae	<i>Lobocriconema</i> sp. HG01	1.62	5.82	CRICO1107-16	<i>Lobocriconema</i> sp. Santa Fe	9.44
Criconematidae	<i>Lobocriconema</i> sp. HG02	0.23	0.59	CRICO1107-16	<i>Lobocriconema</i> sp. Santa Fe	12.52
Criconematidae	<i>Lobocriconema</i> sp. HG04	0	0	CRICO365-16	<i>Lobocriconema thornei</i> HG05	3.63
Criconematidae	<i>Lobocriconema</i> sp. HG07	0.09	0.2	CRICO1516-19	<i>Lobocriconema</i> sp. Singleton PP	8.4
Criconematidae	<i>Lobocriconema</i> sp. HG08	6.8	10.19	CRICO001-16	<i>Lobocriconema</i> sp. Singleton P	7.49
Criconematidae	<i>Lobocriconema</i> sp. HG09	1.36	4.7	CRICO001-16	<i>Lobocriconema</i> sp. Singleton P	5.73
Criconematidae	<i>Lobocriconema</i> sp. HG10	0.73	1.39	CRICO1045-16	<i>Lobocriconema</i> sp. HG11	7.45
Criconematidae	<i>Lobocriconema</i> sp. HG11	4.5	7.52	CRICO348-16	<i>Lobocriconema</i> sp. Singleton R	6.81
Criconematidae	<i>Lobocriconema</i> sp. HG12	1.54	3.86	CRICO1045-16	<i>Lobocriconema</i> sp. HG11	9.02
Criconematidae	<i>Lobocriconema</i> sp. HG13	0.18	0.59	CRICO862-16	<i>Lobocriconema</i> sp. HG11	7.92
Criconematidae	<i>Lobocriconema</i> sp. HG14	0.16	0.4	CRICO1045-16	<i>Lobocriconema</i> sp. HG11	6.83
Criconematidae	<i>Lobocriconema</i> sp. HG15	1.36	4.08	CRICO1068-16	<i>Lobocriconema</i> sp. HG11	7.26
Criconematidae	<i>Lobocriconema</i> sp. HG17	0	0	CRICO1030-16	<i>Lobocriconema incrassatum</i> HG03	19.23
Criconematidae	<i>Lobocriconema</i> sp. Santa Fe	0	0	CRICO817-16	<i>Lobocriconema</i> sp. HG01	9.44
Criconematidae	<i>Lobocriconema</i> sp. Singleton N	N/A	0	CRICO791-16	<i>Lobocriconema</i> sp. Singleton O	9.78
Criconematidae	<i>Lobocriconema</i> sp. Singleton O	N/A	0	CRICO908-16	<i>Lobocriconema thornei</i> HG18	4.47
Criconematidae	<i>Lobocriconema</i> sp. Singleton P	N/A	0	CRICO234-16	<i>Lobocriconema</i> sp. HG09	5.73
Criconematidae	<i>Lobocriconema</i> sp. Singleton PP	N/A	0	CRICO859-16	<i>Lobocriconema</i> sp. HG11	8.37
Criconematidae	<i>Lobocriconema</i> sp. Singleton Q	N/A	0	CRICO852-16	<i>Lobocriconema</i> sp. HG15	9.03

Criconematidae	<i>Lobocriconema</i> sp. Singleton R	N/A	0	CRICO1045-16	<i>Lobocriconema</i> sp. HG11	6.81
Criconematidae	<i>Lobocriconema thornei</i> HG05	0.66	1.8	CRICO908-16	<i>Lobocriconema thornei</i> HG18	1.19
Criconematidae	<i>Lobocriconema thornei</i> HG18	0	0	CRICO365-16	<i>Lobocriconema thornei</i> HG05	1.19
Criconematidae	<i>Lobocriconema warrenense</i> HG06	5.12	9.76	CRICO001-16	<i>Lobocriconema</i> sp. Singleton P	7.67
Criconematidae	<i>Mesocriconema antipolitanum</i>	0.31	0.63	CRICO013-16	<i>Mesocriconema curvatum</i>	7.92
Criconematidae	<i>Mesocriconema curvatum</i>	0.09	0.4	CRICO1623-19	<i>Mesocriconema</i> sp. MTWY	6.54
Criconematidae	<i>Mesocriconema discus</i>	0.2	0.59	CRICO748-16	<i>Mesocriconema</i> sp. K-C	5.94
Criconematidae	<i>Mesocriconema ericaceum</i>	0.03	0.4	CRICO798-16	<i>Mesocriconema</i> sp. Singleton D	10.93
Criconematidae	<i>Mesocriconema inaratum</i>	0.17	0.8	CRICO1620-19	<i>Mesocriconema nebraskense</i>	15.25
Criconematidae	<i>Mesocriconema nebraskense</i>	0.79	6.57	CRICO212-16	<i>Mesocriconema</i> sp. HG19	9.3
Criconematidae	<i>Mesocriconema onoense</i>	0	0	CRICO156-16	<i>Mesocriconema</i> sp. HaigPoint	13.01
Criconematidae	<i>Mesocriconema ornatum</i>	0	0	CRICO1495-19	<i>Mesocriconema curvatum</i>	7.93
Criconematidae	<i>Mesocriconema rusticum</i>	0.21	0.99	CRICO038-16	<i>Mesocriconema</i> sp. HG06	7.47
Criconematidae	<i>Mesocriconema</i> sp. Apalachicola	N/A	0	CRICO959-16	<i>Mesocriconema</i> sp. NBJG1	9.5
Criconematidae	<i>Mesocriconema</i> sp. Attwater	N/A	0	CRICO257-16	<i>Mesocriconema</i> sp. HG20	7.07
Criconematidae	<i>Mesocriconema</i> sp. BBR-KW	2.02	3.03	CRICO748-16	<i>Mesocriconema</i> sp. K-C	8.55
Criconematidae	<i>Mesocriconema</i> sp. BBR1	0.11	0.2	CRICO983-16	<i>Mesocriconema</i> sp. TurkeyCr	12.23
Criconematidae	<i>Mesocriconema</i> sp. Big Sandy	N/A	0	CRICO1614-19	<i>Mesocriconema</i> sp. TXMO	0.2
Criconematidae	<i>Mesocriconema</i> sp. Crescent Lake	0	0	CRICO258-16	<i>Mesocriconema</i> sp. HG24	9
Criconematidae	<i>Mesocriconema</i> sp. HG06	0	0	CRICO696-16	<i>Mesocriconema rusticum</i>	7.47
Criconematidae	<i>Mesocriconema</i> sp. HG15	0.02	0.2	CRICO981-16	<i>Mesocriconema</i> sp. Singleton B	7.54
Criconematidae	<i>Mesocriconema</i> sp. HG16	0	0	CRICO981-16	<i>Mesocriconema</i> sp. Singleton B	8.65
Criconematidae	<i>Mesocriconema</i> sp. HG19	2.11	4.3	CRICO1620-19	<i>Mesocriconema nebraskense</i>	9.3
Criconematidae	<i>Mesocriconema</i> sp. HG20	0.2	0.39	CRICO417-16	<i>Mesocriconema</i> sp. Attwater	7.07
Criconematidae	<i>Mesocriconema</i> sp. HG21	0.13	0.2	CRICO1544-19	<i>Mesocriconema</i> sp. Crescent Lake	11.11

Criconematidae	<i>Mesocriconema</i> sp. HG22	3.89	6.38	CRICO373-16	<i>Mesocriconema</i> sp. HG24	6.58
Criconematidae	<i>Mesocriconema</i> sp. HG23	4.31	6.18	CRICO145-16	<i>Mesocriconema</i> sp. HG24	5.73
Criconematidae	<i>Mesocriconema</i> sp. HG24	1.51	3.86	CRICO413-16	<i>Mesocriconema</i> sp. HG27	3.85
Criconematidae	<i>Mesocriconema</i> sp. HG25	4.78	10.91	CRICO1295-18	<i>Mesocriconema</i> sp. Lance Rosier	0.2
Criconematidae	<i>Mesocriconema</i> sp. HG26	0.4	0.4	CRICO212-16	<i>Mesocriconema</i> sp. HG19	10.23
Criconematidae	<i>Mesocriconema</i> sp. HG27	1.7	2.83	CRICO765-16	<i>Mesocriconema</i> sp. HG24	3.85
Criconematidae	<i>Mesocriconema</i> sp. HaigPoint	N/A	0	CRICO480-16	<i>Mesocriconema ornatum</i>	8.36
Criconematidae	<i>Mesocriconema</i> sp. Hickory	N/A	0	CRICO959-16	<i>Mesocriconema</i> sp. NBJG1	7.98
Criconematidae	<i>Mesocriconema</i> sp. K-C	0.2	0.2	CRICO1420-18	<i>Mesocriconema discus</i>	5.94
Criconematidae	<i>Mesocriconema</i> sp. KW	0.97	2.21	CRICO915-16	<i>Mesocriconema</i> sp. OW	7.89
Criconematidae	<i>Mesocriconema</i> sp. LaSelva	0.93	1.39	CRICO798-16	<i>Mesocriconema</i> sp. Singleton D	12.41
Criconematidae	<i>Mesocriconema</i> sp. Lance Rosier	N/A	0	CRICO1079-16	<i>Mesocriconema</i> sp. HG25	0.2
Criconematidae	<i>Mesocriconema</i> sp. Loxahatchee	N/A	0	CRICO1501-19	<i>Mesocriconema xenoplax</i> HG11	12.94
Criconematidae	<i>Mesocriconema</i> sp. MT	0	0	CRICO1623-19	<i>Mesocriconema</i> sp. MTWY	0
Criconematidae	<i>Mesocriconema</i> sp. MTWY	N/A	0	CRICO1387-18	<i>Mesocriconema</i> sp. MT	0
Criconematidae	<i>Mesocriconema</i> sp. NBJG1	0	0	CRICO1419-18	<i>Mesocriconema</i> sp. NBJG2	5.79
Criconematidae	<i>Mesocriconema</i> sp. NBJG2	0.3	0.6	CRICO959-16	<i>Mesocriconema</i> sp. NBJG1	5.79
Criconematidae	<i>Mesocriconema</i> sp. NM turf	0	0	CRICO765-16	<i>Mesocriconema</i> sp. HG24	6.8
Criconematidae	<i>Mesocriconema</i> sp. OW	0.07	0.2	CRICO1560-19	<i>Mesocriconema</i> sp. OWMO	0.59
Criconematidae	<i>Mesocriconema</i> sp. OWMO	0	0	CRICO915-16	<i>Mesocriconema</i> sp. OW	0.59
Criconematidae	<i>Mesocriconema</i> sp. Puntarenas	0	0	CRICO411-16	<i>Mesocriconema</i> sp. Hickory	13.68
Criconematidae	<i>Mesocriconema</i> sp. RW	N/A	0	CRICO486-16	<i>Criconema longulum</i>	10.74
Criconematidae	<i>Mesocriconema</i> sp. Roth	N/A	0	CRICO959-16	<i>Mesocriconema</i> sp. NBJG1	12.06
Criconematidae	<i>Mesocriconema</i> sp. Singleton A	N/A	0	CRICO1000-16	<i>Mesocriconema</i> sp. HG24	6.38
Criconematidae	<i>Mesocriconema</i> sp. Singleton B	N/A	0	CRICO155-16	<i>Mesocriconema</i> sp. HG15	7.54

Criconematidae	<i>Mesocriconema</i> sp. Singleton C	N/A	0	CRICO748-16	<i>Mesocriconema</i> sp. K-C	8.44
Criconematidae	<i>Mesocriconema</i> sp. Singleton D	N/A	0	CRICO1420-18	<i>Mesocriconema discus</i>	8.98
Criconematidae	<i>Mesocriconema</i> sp. TXMO	N/A	0	CRICO1279-18	<i>Mesocriconema</i> sp. Big Sandy	0.2
Criconematidae	<i>Mesocriconema</i> sp. TurkeyCr	N/A	0	CRICO595-16	<i>Mesocriconema</i> sp. BBR1	12.23
Criconematidae	<i>Mesocriconema xenoplax</i>	N/A	0	CRICO659-16	<i>Mesocriconema xenoplax</i> HG13	0.2
Criconematidae	<i>Mesocriconema xenoplax</i> HG08	0	0	CRICO379-16	<i>Mesocriconema xenoplax</i> Singleton F	7.73
Criconematidae	<i>Mesocriconema xenoplax</i> HG09	2.81	4.96	CRICO1501-19	<i>Mesocriconema xenoplax</i> HG11	7.96
Criconematidae	<i>Mesocriconema xenoplax</i> HG10	0.24	0.6	CRICO851-16	<i>Mesocriconema xenoplax</i> Singleton G	7.12
Criconematidae	<i>Mesocriconema xenoplax</i> HG11	0.25	0.99	CRICO659-16	<i>Mesocriconema xenoplax</i> HG13	5.17
Criconematidae	<i>Mesocriconema xenoplax</i> HG12	0.69	1.61	CRICO1573-19	<i>Mesocriconema xenoplax</i> HG13	2.83
Criconematidae	<i>Mesocriconema xenoplax</i> HG13	0.22	1	CRICO1213-16	<i>Mesocriconema xenoplax</i>	0.2
Criconematidae	<i>Mesocriconema xenoplax</i> HG14	0.34	0.79	CRICO1167-16	<i>Mesocriconema xenoplax</i> HG11	10
Criconematidae	<i>Mesocriconema xenoplax</i> Singleton F	N/A	0	CRICO073-16	<i>Mesocriconema xenoplax</i> HG08	7.73
Criconematidae	<i>Mesocriconema xenoplax</i> Singleton G	N/A	0	CRICO444-16	<i>Mesocriconema xenoplax</i> HG10	7.12
Criconematidae	<i>Mesocriconema xenoplax</i> VA-TX	4.28	4.28	CRICO1501-19	<i>Mesocriconema xenoplax</i> HG11	7.99
Criconematidae	<i>Neolobocriconema serratum</i>	N/A	0	CRICO1511-19	<i>Criconema mutabile</i>	14.43
Criconematidae	<i>Nothocriconemoides</i> sp. LaSelva	0	0	CRICO1495-19	<i>Mesocriconema curvatum</i>	13.68
Criconematidae	<i>Ogma decalineatus</i>	0.79	2.41	CRICO1487-18	<i>Criconema</i> sp. BraulioCarilloNP	10.1
Criconematidae	<i>Ogma duodevigintilineatus</i>	0.1	0.2	CRICO1371-18	<i>Ogma tenuicaudatus</i>	11.94
Criconematidae	<i>Ogma murrayi</i>	2.55	4.29	CRICO386-16	<i>Crossonema menzeli</i> Denmark	6.16
Criconematidae	<i>Ogma octangularis</i>	0.84	2.84	CRICO486-16	<i>Criconema longulum</i>	10.27
Criconematidae	<i>Ogma seymouri</i>	1.14	2.41	CRICO018-16	<i>Crossonema menzeli</i> Denmark	5.94
Criconematidae	<i>Ogma</i> sp. BraulioCarilloNP	0	0	CRICO1481-18	<i>Ogma</i> sp. LasCruces	7.23

Criconematidae	<i>Ogma</i> sp. LaSelva	0.1	0.2	CRICO486-16	<i>Criconema longulum</i>	10.04
Criconematidae	<i>Ogma</i> sp. LasCruces	0	0	CRICO510-16	<i>Crossonema menzeli</i> Norway	6.8
Criconematidae	<i>Ogma tenuicaudatus</i>	N/A	0	CRICO612-16	<i>Criconema sphagni</i>	7.06
Criconematidae	<i>Xenocriconemella macrodora</i>	3.46	7.05	CRICO1332-18	<i>Crossonema menzeli</i> Denmark	11.12
Paratylenchidae	<i>Gracilacus capitatus</i> Singleton I	N/A	0	CRICO1604-19	<i>Paratylenchus</i> sp. Poland 1	16.55
Paratylenchidae	<i>Gracilacus</i> sp. Santa Fe	0.27	0.4	CRICO1424-18	<i>Paratylenchus</i> sp. Ireland2	6.45
Paratylenchidae	<i>Gracilacus wuae</i>	0	0	CRICO1296-18	<i>Paratylenchus</i> sp. Turkey Creek	12.17
Paratylenchidae	<i>Paratylenchus projectus</i>	3.9	7.31	CRICO1606-19	<i>Paratylenchus</i> sp. Poland 2	6.84
Paratylenchidae	<i>Paratylenchus</i> sp. BITH	0	0	CRICO1581-19	<i>Paratylenchus</i> sp. Bald	5.56
Paratylenchidae	<i>Paratylenchus</i> sp. Bald	N/A	0	CRICO1415-18	<i>Paratylenchus</i> sp. BITH	5.56
Paratylenchidae	<i>Paratylenchus</i> sp. CA-MO	N/A	0	CRICO415-16	<i>Paratylenchus</i> sp. Singleton Jepson	8.59
Paratylenchidae	<i>Paratylenchus</i> sp. Canada	0.2	0.4	CRICO1581-19	<i>Paratylenchus</i> sp. Bald	5.97
Paratylenchidae	<i>Paratylenchus</i> sp. Canyonlands	0.4	0.4	CRICO1296-18	<i>Paratylenchus</i> sp. Turkey Creek	12.23
Paratylenchidae	<i>Paratylenchus</i> sp. Glade 24	N/A	0	CRICO511-16	<i>Crossonema menzeli</i> Norway	20.09
Paratylenchidae	<i>Paratylenchus</i> sp. Ireland	0	0	CRICO1606-19	<i>Paratylenchus</i> sp. Poland 2	11.22
Paratylenchidae	<i>Paratylenchus</i> sp. Ireland2	4.6	6.9	CRICO1101-16	<i>Gracilacus</i> sp. Santa Fe	6.45
Paratylenchidae	<i>Paratylenchus</i> sp. NM	0	0	CRICO109-16	<i>Paratylenchus projectus</i>	7.28
Paratylenchidae	<i>Paratylenchus</i> sp. Norway	0	0	CRICO1606-19	<i>Paratylenchus</i> sp. Poland 2	11.54
Paratylenchidae	<i>Paratylenchus</i> sp. Poland 1	N/A	0	CRICO1559-19	<i>Paratylenchus</i> sp. CA-MO	8.82
Paratylenchidae	<i>Paratylenchus</i> sp. Poland 2	N/A	0	CRICO109-16	<i>Paratylenchus projectus</i>	6.84
Paratylenchidae	<i>Paratylenchus</i> sp. Singleton Jepson	N/A	0	CRICO1559-19	<i>Paratylenchus</i> sp. CA-MO	8.59
Paratylenchidae	<i>Paratylenchus</i> sp. Turkey Creek	2.63	2.63	CRICO1156-16	<i>Gracilacus wuae</i>	12.17
Paratylenchidae	<i>Trophotylenchulus</i> sp. LaSelva	23.42	23.42	CRICO156-16	<i>Mesocriconema</i> sp. HaigPoint	27.76
Paratylenchidae	<i>Tylenchocriconema alleni</i>	0.13	0.2	CRICO611-16	<i>Criconema sphagni</i>	17.01