Appendix 1. Result of one way SIMPER analysis of nematode abundance data in patches level listing the main three discriminating species, their average abundance in each patch (Av. Abund), average of dissimilarity (Av. Diss), standard deviation of dissimilarity (Diss/SD), contribution (Contrib%), accumulation (Cum%) and average dissimilarity (AD); BW1: Looe, BW2: Heybrook Bay, BC1: Portland Bill, BC2: Swanage, BE1: Brighton, BE2: Beachy Head, KW1: west-Wando, KW2: east-Wando, KC1: Yeosu, KC2: Namhae, KE1: Gueje, KE2: Busan, P1: patch group 1, P2: patch group 2, P3: patch group 3.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Species | Av.Abund | Av.Abund | Av.Diss | Diss/SD | Contrib% | Cum.% |
| BW1 P1 & P2 |  |  |  |  |  |  |
| AD = 73.02 | Group 1 | Group 2 |  |  |  |  |
| *Euchromadora* | 43.67 | 4.67 | 19.14 | 1.37 | 26.21 | 26.21 |
| *Sabatieria* | 0 | 14 | 7.08 | 1.71 | 9.69 | 35.9 |
| *Metalinhomoeus* | 0.33 | 10.67 | 5.36 | 1.49 | 7.34 | 43.24 |
| BW1 P1 & P3 |  |  |  |  |  |  |
| AD = 79.57 | Group 1 | Group 3 |  |  |  |  |
| *Euchromadora* | 43.67 | 4 | 25.64 | 1.27 | 32.22 | 32.22 |
| *Cyatholaimus* | 8 | 9 | 6.68 | 2.97 | 8.39 | 40.62 |
| *Desmodora* | 7 | 0.33 | 5.69 | 0.68 | 7.15 | 47.77 |
| BW1 P2 & P3 |  |  |  |  |  |  |
| AD = 60.05 | Group 2 | Group 3 |  |  |  |  |
| *Cyatholaimus* | 16.67 | 9 | 9.61 | 2.18 | 16.01 | 16.01 |
| *Sabatieria* | 14 | 2 | 8.3 | 1.4 | 13.83 | 29.83 |
| *Metalinhomoeus* | 10.67 | 2.33 | 6.52 | 1.12 | 10.86 | 40.69 |
| BW2 P1 & P2 |  |  |  |  |  |  |
| AD = 68.43 | Group 1 | Group 2 |  |  |  |  |
| *Euchromadora* | 28.33 | 2.33 | 13.71 | 2.63 | 20.03 | 20.03 |
| *Pontonema* | 2 | 15.67 | 7.2 | 1.62 | 10.52 | 30.55 |
| *Enoplus* | 18.67 | 9.67 | 6.7 | 1.65 | 9.78 | 40.33 |
| BW2 P1 & P3 |  |  |  |  |  |  |
| AD = 55.01 | Group 1 | Group 3 |  |  |  |  |
| *Euchromadora* | 28.33 | 10.67 | 8.6 | 1.62 | 15.62 | 15.62 |
| *Enoplus* | 18.67 | 8 | 6.3 | 1.57 | 11.46 | 27.08 |
| *Cyatholaimus* | 7 | 15 | 3.85 | 1.74 | 7 | 34.08 |
| BW2 P2 & P3 |  |  |  |  |  |  |
| AD = 53.81 | Group 2 | Group 3 |  |  |  |  |
| *Euchromadora* | 2.33 | 10.67 | 4.41 | 1.3 | 8.2 | 8.2 |
| *Pontonema* | 15.67 | 8.67 | 4.32 | 1.04 | 8.03 | 16.24 |
| *Enoplus* | 9.67 | 8 | 3.8 | 1.28 | 7.06 | 23.3 |
| Species | Av.Abund | Av.Abund | Av.Diss | Diss/SD | Contrib% | Cum.% |
| BC1 P1 & P2 |  |  |  |  |  |  |
| AD = 69.72 | Group 1 | Group 2 |  |  |  |  |
| *Enoplus* | 13 | 59.67 | 35.24 | 2.04 | 50.55 | 50.55 |
| *Dolicholaimus* | 0 | 8 | 5.3 | 0.81 | 7.61 | 58.16 |
| *Spilophorella* | 5.67 | 1.33 | 3.15 | 1.66 | 4.52 | 62.68 |
| BC1 P1 & P3 |  |  |  |  |  |  |
| AD = 71.01 | Group 1 | Group 3 |  |  |  |  |
| *Enoplus* | 13 | 35 | 18.26 | 1.47 | 25.72 | 25.72 |
| *Monoposthia* | 0.33 | 21.67 | 14.55 | 3.19 | 20.49 | 46.21 |
| *Cyatholaimus* | 3 | 11.67 | 5.61 | 2.54 | 7.9 | 54.11 |
| BC1 P2 & P3 |  |  |  |  |  |  |
| AD = 53.53 | Group 2 | Group 3 |  |  |  |  |
| *Enoplus* | 59.67 | 35 | 11.68 | 2.21 | 25.46 | 25.46 |
| *Monoposthia* | 3.33 | 21.67 | 8.84 | 3.62 | 19.25 | 44.71 |
| *Cyatholaimus* | 2.33 | 11.67 | 4.5 | 2.72 | 9.81 | 54.52 |
| BC2 P1 & P2 |  |  |  |  |  |  |
| AD = 57.41 | Group 1 | Group 2 |  |  |  |  |
| *Enoplus* | 68 | 28 | 19.39 | 4.45 | 33.78 | 33.78 |
| *Cyatholaimus* | 1.67 | 27.33 | 12.35 | 8.02 | 21.52 | 55.3 |
| *Metacyatholaimus* | 2.33 | 13 | 5.06 | 1.88 | 8.82 | 64.12 |
| BC2 P1 & P3 |  |  |  |  |  |  |
| AD = 25.89 | Group 1 | Group 3 |  |  |  |  |
| *Cyatholaimus* | 1.67 | 13 | 5.3 | 4 | 20.45 | 20.45 |
| *Enoplus* | 68 | 71.33 | 5.29 | 2.17 | 20.44 | 40.89 |
| *Crenopharynx* | 14 | 15.33 | 5.2 | 1.59 | 20.08 | 60.97 |
| BC2 P2 & P3 |  |  |  |  |  |  |
| AD = 53.53 | Group 2 | Group 3 |  |  |  |  |
| *Enoplus* | 28 | 71.33 | 20.7 | 2.99 | 38.66 | 38.66 |
| *Cyatholaimus* | 27.33 | 13 | 6.81 | 3.41 | 12.73 | 51.39 |
| *Crenopharynx* | 4.67 | 15.33 | 6.62 | 1.32 | 12.36 | 63.75 |
| BE1 P1 & P2 |  |  |  |  |  |  |
| AD = 49.63 | Group 1 | Group 2 |  |  |  |  |
| *Chromadora* | 29.33 | 52.67 | 18.35 | 1.15 | 36.98 | 36.98 |
| *Retrotheristus* | 4.33 | 13.33 | 5.59 | 1.49 | 11.26 | 48.25 |
| *Desmoscolex* | 5 | 0.67 | 2.44 | 2.17 | 4.92 | 53.16 |
| BE1 P1 & P3 |  |  |  |  |  |  |
| AD = 49.28 | Group 1 | Group 3 |  |  |  |  |
| *Chromadora* | 29.33 | 25 | 13.21 | 1.66 | 26.8 | 26.8 |
| *Euchromadora* | 9.67 | 15.33 | 6.1 | 1.02 | 12.38 | 39.18 |
| *Cyatholaimus* | 4 | 8.33 | 3.49 | 1.04 | 7.09 | 46.27 |
| BE1 P2 & P3 |  |  |  |  |  |  |
| AD = 47.34 | Group 2 | Group 3 |  |  |  |  |
| *Chromadora* | 52.67 | 25 | 16.37 | 1.45 | 34.59 | 34.59 |
| *Euchromadora* | 10.33 | 15.33 | 5.25 | 1.21 | 11.1 | 45.69 |
| Species | Av.Abund | Av.Abund | Av.Diss | Diss/SD | Contrib% | Cum.% |
| *Retrotheristus* | 13.33 | 4.33 | 4.73 | 2.6 | 9.99 | 55.68 |
| BE2 P1 & P2 |  |  |  |  |  |  |
| AD = 66.36 | Group 1 | Group 2 |  |  |  |  |
| *Chromadora* | 35.67 | 1.67 | 19.6 | 0.89 | 29.54 | 29.54 |
| *Enoplus* | 4 | 12.67 | 7 | 1.03 | 10.54 | 40.08 |
| *Euchromadora* | 14.33 | 17.67 | 5.58 | 1.35 | 8.4 | 48.49 |
| BE2 P1 & P3 |  |  |  |  |  |  |
| AD = 62.75 | Group 1 | Group 3 |  |  |  |  |
| *Chromadora* | 35.67 | 3 | 22.13 | 0.92 | 35.27 | 35.27 |
| *Euchromadora* | 14.33 | 11 | 6.3 | 1.19 | 10.04 | 45.3 |
| *Enoplus* | 4 | 6 | 3.61 | 2.54 | 5.76 | 51.06 |
| BE2 P2 & P3 |  |  |  |  |  |  |
| AD = 53.96 | Group 2 | Group 3 |  |  |  |  |
| *Enoplus* | 12.67 | 6 | 6.98 | 1 | 12.94 | 12.94 |
| *Euchromadora* | 17.67 | 11 | 6.95 | 1.37 | 12.88 | 25.82 |
| *Oncholaimus* | 10.33 | 4.67 | 5.52 | 1.73 | 10.23 | 36.05 |
| KW1 P1 & P2 |  |  |  |  |  |  |
| AD = 67.33 | Group 1 | Group 2 |  |  |  |  |
| *Crenopharynx* | 33 | 25.67 | 23.77 | 1.74 | 35.31 | 35.31 |
| *Phanoderma* | 2.33 | 9.33 | 6.43 | 1.07 | 9.55 | 44.86 |
| *Eurystomina* | 8 | 0.67 | 5.65 | 2.37 | 8.39 | 53.25 |
| KW1 P1 & P3 |  |  |  |  |  |  |
| AD = 50.87 | Group 1 | Group 3 |  |  |  |  |
| *Phanoderma* | 2.33 | 23.33 | 13.22 | 1.55 | 25.99 | 25.99 |
| *Crenopharynx* | 33 | 47.33 | 12.64 | 1.21 | 24.84 | 50.83 |
| *Calyptonema* | 7.67 | 2.67 | 3.49 | 1.02 | 6.87 | 57.7 |
| KW1 P2 & P3 |  |  |  |  |  |  |
| AD = 59.50 | Group 2 | Group 3 |  |  |  |  |
| *Crenopharynx* | 25.67 | 47.33 | 25.99 | 1.7 | 43.68 | 43.68 |
| *Phanoderma* | 9.33 | 23.33 | 13.43 | 1.29 | 22.56 | 66.25 |
| *Daptonema* | 0 | 4 | 2.63 | 1.03 | 4.42 | 70.66 |
| KW2 P1 & P2 |  |  |  |  |  |  |
| AD = 66.36 | Group 1 | Group 2 |  |  |  |  |
| *Metalinhomoeus* | 16.33 | 0 | 15.67 | 0.66 | 23.61 | 23.61 |
| *Crenopharynx* | 18 | 7.33 | 14.88 | 1.36 | 22.42 | 46.03 |
| *Phanoderma* | 7.67 | 3.33 | 5.87 | 0.78 | 8.84 | 54.87 |
| KW2 P1 & P3 |  |  |  |  |  |  |
| AD = 61.47 | Group 1 | Group 3 |  |  |  |  |
| *Metalinhomoeus* | 16.33 | 0.67 | 14.57 | 0.68 | 23.7 | 23.7 |
| *Crenopharynx* | 18 | 15 | 9.85 | 1.73 | 16.03 | 39.73 |
| *Phanoderma* | 7.67 | 1.33 | 7 | 0.97 | 11.38 | 51.11 |
| KW2 P2 & P3 |  |  |  |  |  |  |
| AD = 46.02 | Group 2 | Group 3 |  |  |  |  |
| *Crenopharynx* | 7.33 | 15 | 15.3 | 1.6 | 33.24 | 33.24 |
| Species | Av.Abund | Av.Abund | Av.Diss | Diss/SD | Contrib% | Cum.% |
| *Metacomesoma* | 1 | 4 | 5.68 | 1.65 | 12.34 | 45.57 |
| *Enoplus* | 6 | 8.67 | 3.72 | 1.1 | 8.07 | 53.65 |
| KC1 P1 & P2 |  |  |  |  |  |  |
| AD = 54.28 | Group 1 | Group 2 |  |  |  |  |
| *Enoplus* | 2 | 18.33 | 11.04 | 1.27 | 20.34 | 20.34 |
| *Metalinhomoeus* | 13.67 | 6.33 | 8.05 | 1.21 | 14.82 | 35.16 |
| *Phanoderma* | 2.67 | 11.67 | 6.77 | 1.49 | 12.47 | 47.63 |
| KC1 P1 & P3 |  |  |  |  |  |  |
| AD= 66.10 | Group 1 | Group 3 |  |  |  |  |
| *Euchromadora* | 6 | 50.67 | 25.79 | 5.12 | 39.01 | 39.01 |
| *Enoplus* | 2 | 32.33 | 17.35 | 5.33 | 26.25 | 65.26 |
| *Metalinhomoeus* | 13.67 | 0 | 7.57 | 2.66 | 11.44 | 76.71 |
| KC1 P2 & P3 |  |  |  |  |  |  |
| AD = 62.81 | Group 2 | Group 3 |  |  |  |  |
| *Euchromadora* | 1 | 50.67 | 27.48 | 4.34 | 43.75 | 43.75 |
| *Enoplus* | 18.33 | 32.33 | 10.24 | 1.21 | 16.31 | 60.06 |
| *Phanoderma* | 11.67 | 1.67 | 4.82 | 1.46 | 7.68 | 67.74 |
| KC2 P1 & P2 |  |  |  |  |  |  |
| AD = 58.52 | Group 1 | Group 2 |  |  |  |  |
| *Enoplus* | 8 | 0 | 7.86 | 2.08 | 13.44 | 13.44 |
| *Chromaspirina* | 10.33 | 4.33 | 7.05 | 1.02 | 12.05 | 25.49 |
| *Cyatholaimus* | 9 | 2.33 | 6.87 | 1.26 | 11.75 | 37.24 |
| KC2 P1 & P3 |  |  |  |  |  |  |
| AD = 62.36 | Group 1 | Group 3 |  |  |  |  |
| *Chromaspirina* | 10.33 | 0.33 | 12.61 | 1.74 | 20.22 | 20.22 |
| *Cyatholaimus* | 9 | 0.33 | 10.25 | 1.8 | 16.43 | 36.66 |
| *Enoplus* | 8 | 0.67 | 8.79 | 1.96 | 14.09 | 50.75 |
| KC2 P2 & P3 |  |  |  |  |  |  |
| AD = 58.76 | Group 2 | Group 3 |  |  |  |  |
| *Crenopharynx* | 8 | 7 | 8.5 | 1.44 | 14.46 | 14.46 |
| *Phanoderma* | 8.33 | 4.67 | 5.79 | 1.29 | 9.86 | 24.31 |
| *Euchromadora* | 4 | 0.67 | 5.75 | 1.06 | 9.79 | 34.1 |
| KE1 P1 & P2 |  |  |  |  |  |  |
| AD = 49.71 | Group 1 | Group 2 |  |  |  |  |
| *Euchromadora* | 31.33 | 53 | 14.32 | 1.48 | 28.8 | 28.8 |
| *Enoplus* | 15.33 | 17 | 9.05 | 0.97 | 18.2 | 47 |
| *Metalinhomoeus* | 17 | 1 | 8.48 | 0.72 | 17.07 | 64.07 |
| KE1 P1 & P3 |  |  |  |  |  |  |
| AD = 67.65 | Group 1 | Group 3 |  |  |  |  |
| *Euchromadora* | 31.33 | 17.33 | 12.24 | 1.64 | 18.09 | 18.09 |
| *Metalinhomoeus* | 17 | 5 | 9.89 | 0.95 | 14.61 | 32.71 |
| *Phanoderma* | 3 | 15.67 | 8.08 | 0.83 | 11.95 | 44.66 |
| KE1 P2 & P3 |  |  |  |  |  |  |
| AD = 60.98 | Group 2 | Group 3 |  |  |  |  |
| Species | Av.Abund | Av.Abund | Av.Diss | Diss/SD | Contrib% | Cum.% |
| *Euchromadora* | 53 | 17.33 | 19.44 | 3.71 | 31.88 | 31.88 |
| *Enoplus* | 17 | 0.33 | 8.38 | 0.92 | 13.74 | 45.62 |
| *Phanoderma* | 3 | 15.67 | 7.99 | 0.86 | 13.1 | 58.72 |
| KE2 P1 & P2 |  |  |  |  |  |  |
| AD = 57.97 | Group 1 | Group 2 |  |  |  |  |
| *Metalinhomoeus* | 16.67 | 0 | 9.77 | 1.13 | 16.85 | 16.85 |
| *Eurystomina* | 19.67 | 14.67 | 5.03 | 1.17 | 8.67 | 25.52 |
| *Phanoderma* | 5 | 8.67 | 4.17 | 1.29 | 7.19 | 32.71 |
| KE2 P1 & P3 |  |  |  |  |  |  |
| AD = 60.98 | Group 1 | Group 3 |  |  |  |  |
| *Metalinhomoeus* | 16.67 | 12.33 | 9.11 | 1.17 | 14.94 | 14.94 |
| *Euchromadora* | 2.33 | 14.67 | 6.85 | 1.07 | 11.23 | 26.17 |
| *Eurystomina* | 19.67 | 9 | 6.35 | 1.23 | 10.41 | 36.58 |
| KE2 P2 & P3 |  |  |  |  |  |  |
| AD = 60.08 | Group 2 | Group 3 |  |  |  |  |
| *Euchromadora* | 4 | 14.67 | 7.99 | 1.16 | 13.31 | 13.31 |
| *Metalinhomoeus* | 0 | 12.33 | 7.29 | 0.75 | 12.13 | 25.44 |
| *Eurystomina* | 14.67 | 9 | 4.36 | 1.38 | 7.26 | 32.7 |

Appendix 2. Biological traits matrix, 1A = selective deposit feeders, 1B = non-selective deposit feeders, 2A = epigrowth feeders, 2B = predators (Wieser, 1953). S/r = short/round, cla = clavate-conicocylindrical, co = conical, long = long. C-p score = coloniser-persister score (Bongers et al., 1991).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Buccal morphology | | | | | | Tail shape | | | | | | | | Life history  (C-P score) | | | | | | |
|  | 1A | | 1B | 2A | | 2B | s/r | | cla | co | | long | | | 1 | | 2 | | 3 | 4 | 5 |
| *Setoplectus* | 1 | |  |  | |  | 1 | |  |  | |  | | |  | |  | | 1 |  |  |
| *Desmoscolex* | 1 | |  |  | |  | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Nemanema* | 1 | |  |  | |  | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Greeffiella* | 1 | |  |  | |  | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Leptosomatum* | 1 | |  |  | |  | 1 | |  |  | |  | | |  | |  | |  |  | 1 |
| *Anticyathus* |  | | 1 |  | |  | 1 | |  |  | |  | | |  | |  | | 1 |  |  |
| *Gomphionema* |  | |  | 1 | |  | 1 | |  |  | |  | | |  | |  | | 1 |  |  |
| *Phanoderma* |  | |  | 1 | |  | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Phanoderma* |  | |  | 1 | |  | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Synonchium* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | | 1 |  |  |
| *Pontonema* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Phaenoncholaimus* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Rhabdodemania* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | |  | 1 |  |
| *Enoplus* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | |  |  | 1 |
| *Thoracostoma* |  | |  |  | | 1 | 1 | |  |  | |  | | |  | |  | |  |  | 1 |
| *Diplolaimelloides* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Anticoma* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Leptolaimus* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Odontanticoma* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Antomicron* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | | 1 |  |  |
| *Diplopeltis* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | | 1 |  |  |
| *Microlaimus* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | | 1 |  |  |
| *Molgolaimus* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | | 1 |  |  |
| *Chitwoodia* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | | 1 |  |  |
| *Oxystomina* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | |  | 1 |  |
| *Pandolaimus* | 1 | |  |  | |  |  | | 1 |  | |  | | |  | |  | |  | 1 |  |
| *Monhystera* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Amphimonhystrella* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Daptonema* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Elzalia* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Linhystera* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Odontophora* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Retrotheristus* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
| *Sabatieria* |  | | 1 |  | |  |  | | 1 |  | |  | | |  | | 1 | |  |  |  |
|  | Buccal morphology | | | | Tail shape | | | | | Life history  (C-P score) | | | | | | | |
|  | 1A | 1B | 2A | 2B | s/r | cla | co | long | | 1 | 2 | | 3 | 4 | | 5 | |
| *Theristus* |  | 1 |  |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Comesoma* |  | 1 |  |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Metacomesoma* |  | 1 |  |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Paramonohystera* |  | 1 |  |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Ascolaimus* |  | 1 |  |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Araeolaimus* |  | 1 |  |  |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Tripyloides* |  | 1 |  |  |  | 1 |  |  | |  |  | |  |  | | 1 | |
| *Desmodora* |  |  | 1 |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Paracyatholaimus* |  |  | 1 |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Pseudolella* |  |  | 1 |  |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Chromadora* |  |  | 1 |  |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Hypodontolaimus* |  |  | 1 |  |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Stygodesmodora* |  |  | 1 |  |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Adoncholaimus* |  |  | 1 |  |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Dolicholaimus* |  |  |  | 1 |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Thoracostomopsis* |  |  |  | 1 |  | 1 |  |  | |  | 1 | |  |  | |  | |
| *Viscosia* |  |  |  | 1 |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Cylicolaimus* |  |  |  | 1 |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Synonchiella* |  |  |  | 1 |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Chromaspirina* |  |  |  | 1 |  | 1 |  |  | |  |  | | 1 |  | |  | |
| *Eurystomina* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Metoncholaimus* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Oncholaimus* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Polygastrophora* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Symplocostoma* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Fotolaimus* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Trileptium* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Syringolaimus* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Symplocostomella* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Belbolla* |  |  |  | 1 |  | 1 |  |  | |  |  | |  | 1 | |  | |
| *Diplopeltula* | 1 |  |  |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Haliplectus* | 1 |  |  |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Paramicrolaimus* | 1 |  |  |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Gerlachius* | 1 |  |  |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Prochaetosoma* | 1 |  |  |  |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Draconema* | 1 |  |  |  |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Eleutherolaimus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Metalinhomoeus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Gnomoxyala* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Parodontophora* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Paralinhomoeus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Prorhynchonema* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
|  | Buccal morphology | | | | Tail shape | | | | | Life history  (C-P score) | | | | | | | |
|  | 1A | 1B | 2A | 2B | s/r | cla | co | long | | 1 | 2 | | 3 | 4 | | 5 | |
| *Axonolaimus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Bathylaimus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Megadesmolaimus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Gnomoxyala* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Desmolaimus* |  | 1 |  |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Linhomoeus* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Metachromadora* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Neochromadora* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Paracanthonchus* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Dichromadora* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Comesa* |  |  | 1 |  |  |  | 1 |  | |  | 1 | |  |  | |  | |
| *Camacolaimus* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Cyatholaimus* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Euchromadora* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Monoposthia* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Spilophorella* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Spirinia* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Steineridora* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Endeolophos* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Innocuonema* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Chromadorita* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Parachromadorita* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Psammonema* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Prochromadorella* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Prochromadora* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Ptycholaimellus* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Pararaeolaimus* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Morlaixia* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Catanema* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Synonema* |  |  | 1 |  |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Onchium* |  |  | 1 |  |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Praeacanthonchius* |  |  | 1 |  |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Acanthonchus* |  |  |  | 1 |  |  | 1 |  | |  |  | | 1 |  | |  | |
| *Onxy* |  |  |  | 1 |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Ditlevsenella* |  |  |  | 1 |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Enchelidium* |  |  |  | 1 |  |  | 1 |  | |  |  | |  | 1 | |  | |
| *Terschellingia* | 1 |  |  |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Halalaimus* | 1 |  |  |  |  |  |  | 1 | |  |  | |  | 1 | |  | |
| *Crenopharynx* | 1 |  |  |  |  |  |  | 1 | |  |  | |  |  | | 1 | |
| *Anoplostoma* |  | 1 |  |  |  |  |  | 1 | |  | 1 | |  |  | |  | |
| *Didelta* |  | 1 |  |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Longicyatholaimus* |  |  | 1 |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
|  | Buccal morphology | | | | Tail shape | | | | | Life history  (C-P score) | | | | | | | |
|  | 1A | 1B | 2A | 2B | s/r | cla | co | long | | 1 | 2 | | 3 | 4 | | 5 | |
| *Cobbia* |  |  | 1 |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Metacyatholaimus* |  |  | 1 |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Paralongicyatholaimus* |  |  | 1 |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Spiliphera* |  |  | 1 |  |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Phanodermopsis* |  |  | 1 |  |  |  |  | 1 | |  |  | |  | 1 | |  | |
| *Mesacanthoides* |  |  |  | 1 |  |  |  | 1 | |  | 1 | |  |  | |  | |
| *Halichoanolaimus* |  |  |  | 1 |  |  |  | 1 | |  |  | | 1 |  | |  | |
| *Halanonchus* |  |  |  | 1 |  |  |  | 1 | |  |  | |  | 1 | |  | |
| *Bathyeurystomina* |  |  |  | 1 |  |  |  | 1 | |  |  | |  | 1 | |  | |
| *Calyptonema* |  |  |  | 1 |  |  |  | 1 | |  |  | |  | 1 | |  | |

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