

Supplementary file for the article:

Holovachov O, Haenel Q, Bourlat SJ, Jondelius U. Taxonomy assignment approach determines the efficiency of identification of OTUs in marine nematodes. *Royal Society Open Science*.

Supplementary Table 2. Taxonomic composition and relative abundance (% of the total number of specimens) of nematode species in Hállö site.

	Classification and identity	Flotation with MgCl ₂	Flotation with H ₂ O
	ORDER ENOPLIDA		
	Family Enoplidae		
1	<i>Enoplus</i> sp.	0.46	0.43
	Family Thoracostomopsidae		
2	Enoplolaiminae gen. sp. 1	0.33	0.29
3	Enoplolaiminae gen. sp. 2	0.30	0.25
	Family Phanodermatidae		
4	Phanodermatidae gen. sp.	–	0.03
	Family Anticomidae		
5	<i>Anticoma</i> sp.	1.07	0.66
	Family Oncholaimidae		
6	<i>Viscosia</i> sp.	3.73	1.96
7	<i>Pontonema</i> sp.	0.15	0.03
8	Oncholaimidae gen. sp.	0.41	0.31
	Family Enchelidiidae		
9	<i>Symplocostoma</i> sp.	0.78	0.22
10	<i>Pareurystomina</i> sp.	0.08	0.03
	Family Leptosomatidae		
11	Leptosomatidae gen. sp.	–	0.01
	Family Oxystominidae		
12	<i>Nemanema</i> sp.	–	0.04
13	<i>Oxystomina</i> sp.	0.04	0.08
14	<i>Thalassoalaimus</i> sp.	0.08	0.16
15	<i>Halalaimus</i> sp. 1	0.23	0.66
16	<i>Halalaimus</i> sp. 2	–	0.01
17	<i>Maldivea</i> sp.	0.08	–
	Family Tripyloididae		
18	<i>Bathylaimus</i> sp.	–	0.01
	Family Xennellidae		
19	<i>Xennella</i> sp.	0.28	0.05
	ORDER TRIPLONCHIDA		
	Family Rhabdodemaniidae		
20	<i>Rhabdodemia</i> sp.	2.36	0.83

	Classification and identity	Flotation with MgCl ₂	Flotation with H ₂ O
	ORDER DESMOSCOLECIDA		
	Family Desmoscolecidae		
21	<i>Desmoscolex</i> spp.	0.32	0.46
22	<i>Tricoma (Tricoma)</i> spp.	0.25	0.39
23	<i>Tricoma (Quadricoma)</i> spp.	3.05	3.49
	Family Meyliidae		
24	<i>Gerlachius</i> sp.	–	0.01
25	<i>Meylia</i> sp.	–	0.01
	ORDER CHROMADORIDA		
	Family Chromadoridae		
26	<i>Chromadora</i> sp.	0.04	0.07
27	<i>Chromadorita</i> sp.	1.53	1.39
28	<i>Chromadorella</i> cf. <i>filiformis</i>	0.68	0.46
29	<i>Neochromadora</i> sp. 1	2.33	1.81
30	<i>Neochromadora</i> sp. 2	0.24	0.04
31	<i>Neochromadora</i> sp. 3	0.16	0.10
32	<i>Dichromadora</i> sp. 1	0.33	0.87
33	<i>Dichromadora</i> sp. 2	0.04	–
34	<i>Euchromadora</i> sp.	1.03	0.36
35	<i>Innocuanema tentabundum</i>	1.19	1.30
36	<i>Ptycholaimellus</i> sp.	0.40	0.31
37	<i>Spilophorella</i> sp.	0.17	0.25
38	<i>Actinonema</i> sp.	0.45	0.14
39	Chromadoridae gen. spp.	0.28	0.16
	Family Cyatholaimidae		
40	<i>Pomponema</i> sp.	0.16	0.05
41	<i>Paracanthonchus</i> sp. 1	0.80	0.23
42	<i>Paracanthonchus</i> cf. <i>spectabilis</i>	0.04	0.16
43	<i>Paracanthonchus</i> cf. <i>longus</i>	1.89	2.26
44	<i>Preacanthonchus</i> cf. <i>inglisi</i>	0.80	0.55
45	<i>Paracyatholaimoides</i> sp.	0.23	1.98
46	<i>Marylinnia</i> sp.	0.04	0.16
47	<i>Longicyatholaimus</i> sp.	–	0.14
48	Cyatholaimidae gen. sp.	0.17	0.04
	Family Selachinematidae		
49	<i>Halichoanolaimus</i> sp.	1.92	1.17
50	<i>Latronema</i> sp.	0.12	0.09
51	<i>Gammanema</i> sp.	0.21	0.13
52	<i>Choniolaimus</i> sp.	0.04	0.01
	ORDER DESMODORIDA		
	Family Desmodoridae		

	Classification and identity	Flotation with MgCl ₂	Flotation with H ₂ O
53	<i>Desmodora cf. communis</i>	1.14	0.59
54	<i>Desmodora pontica</i>	15.53	14.26
55	<i>Desmodora granulata</i>	–	0.01
56	<i>Desmodorella schulzi</i>	10.49	10.22
57	<i>Bradylaimus pellita</i>	2.74	2.09
58	<i>Bolbonema brevicolle</i>	0.28	0.38
59	<i>Chromaspirina parapontica</i>	10.42	20.34
60	<i>Spirinia</i> sp. 1	0.35	0.27
61	<i>Spirinia</i> sp. 2	0.27	0.27
62	<i>Leptonemella</i> sp.	0.04	0.03
63	<i>Adelphos</i> sp.	0.04	0.01
	Family Epsilonematidae		
64	<i>Epsilonema/Metepsilonema</i> sp.	0.11	0.35
65	<i>Perepsilonema</i> sp.	1.08	4.97
	Family Draconematidae		
66	<i>Draconema cephalatum</i>	–	0.01
	Family Microlaimidae		
67	<i>Ixonema powelli</i>	0.21	0.95
68	<i>Microlaimus</i> sp. 1	8.24	5.81
69	<i>Microlaimus</i> sp. 2	1.97	2.03
70	<i>Microlaimus</i> sp. 3	1.42	2.00
71	<i>Microlaimus</i> sp. 4	0.04	–
72	<i>Microlaimus</i> sp. 5	–	0.04
73	<i>Microlaimus acanthus</i>	–	0.01
74	<i>Pseudoncholaimus dentatus</i>	0.13	0.08
	Family Monoposthiidae		
75	<i>Monoposthia costata</i>	0.31	0.23
	ORDER MONHYSTERIDA		
	Family Xyalidae		
76	<i>Daptonema</i> sp. 1	1.45	0.83
77	<i>Daptonema</i> sp. 2	–	0.03
78	<i>Theristus</i> sp. 1	1.39	1.43
79	<i>Theristus</i> sp. 2	0.04	0.03
80	<i>Gonionchus</i> sp.	0.11	0.07
81	<i>Echinotheristus</i> sp.	0.20	0.14
82	<i>Amphimonhystera</i> sp.	0.04	0.09
83	<i>Sphaerotheristus</i> sp.	–	0.01
84	Xyalidae gen. sp.	0.04	0.07
	Family Monhysteridae		
85	Monhysteridae gen. sp.	0.04	0.01
	Family Siphonolaimidae		

	Classification and identity	Flotation with MgCl ₂	Flotation with H ₂ O
86	<i>Siphonolaimus</i> sp.	0.12	0.17
	Family Linhomoeidae		
87	<i>Disconema suecicum</i>	0.12	0.07
88	Linchomoeidae gen. spp.	0.37	0.20
	ORDER ARAEOLAIMIDA		
	Family Comesomatidae		
89	<i>Sabatieria</i> sp.	9.21	3.56
90	<i>Paramesonchium</i> sp. n.	0.12	–
	Family Axonolaimidae		
91	<i>Axonolaimus helgolandicus</i>	0.27	0.10
92	<i>Ascolaimus elongatus</i>	0.04	–
93	<i>Odontophora villoti</i>	1.35	2.85
	Family Diplopeltidae		
94	<i>Southerniella</i> sp.	0.08	0.07
95	<i>Diplopeltula</i> sp.	0.12	0.05
	ORDER PLECTIDA		
	Family Leptolaimidae		
96	<i>Leptolaimus pellucidus</i>	0.08	0.05
97	<i>Leptolaimus</i> sp.	0.04	0.03
98	<i>Leptolaimus</i> sp. n.	0.40	0.23
99	<i>Manunema</i> sp.	0.04	0.01
	Family Camacolaimidae		
100	<i>Stephanolaimus elegans</i>	0.12	0.03
101	<i>Dagda bipapillata</i>	–	0.01
102	<i>Deontolaimus</i> sp.	0.04	0.04
103	<i>Onchium</i> sp.	–	0.01
	Family Diplopeltoididae		
104	<i>Diplopeltoides</i> sp. n. 1	0.04	–
105	<i>Diplopeltoides</i> sp. n. 2	–	0.01
	Family Tarvaiidae		
106	<i>Tarvaia</i> sp.	–	0.03
	Family Tubolaimoididae		
107	<i>Tubolaimoides</i> sp.	–	0.01
108	Nematoda indet.	0.04	0.14