

Table S1. Species list of infauna grouped taxonomically. Feeding guilds are indicated in second row as: omnivores (O), grazers (G), deposit- & suspension feeders (D/S), suspension feeders (S) and deposit feeders (D). Total species richness (S) and total abundance (N) are given at the bottom. Numbers are average abundance (ind. m<sup>-2</sup> ± SE).

Taxa	Feeding guild	2018					2019					2020				
		0 m	30 m	40 m	50 m	100 m	0 m	30 m	40 m	50 m	100 m	0 m	30 m	40 m	50 m	100 m
<b>Polychaeta</b>																
<i>Alitta Succinea</i>	O	314 ± 82	128 ± 14	-	271 ± 36	214 ± 49	228 ± 101	499 ± 63	328 ± 49	314 ± 72	399 ± 121	356 ± 54	242 ± 75	185 ± 49	185 ± 59	43 ± 27
<i>Capitella capitata</i>	D	14 ± 14	29 ± 29	-	14 ± 14	-	128 ± 82	71 ± 36	29 ± 16	-	-	-	29 ± 29	43 ± 43	-	-
<i>Hediste deversicolor</i>	O	542 ± 115	499 ± 102	328 ± 49	741 ± 134	257 ± 100	1439 ± 78	1268 ± 336	898 ± 278	684 ± 134	399 ± 134	812 ± 178	770 ± 37	684 ± 62	627 ± 229	114 ± 52
<i>Heteromastus filiformis</i>	D	57 ± 57	114 ± 23	100 ± 82	86 ± 37	114 ± 77	14 ± 14	86 ± 37	29 ± 29	-	14 ± 14	43 ± 14	100 ± 67	57 ± 33	43 ± 14	43 ± 14
<i>Polydora conuta</i>	D/S	43 ± 27	-	-	29 ± 29	-	29 ± 29	-	14 ± 14	-	14 ± 14	242 ± 88	128 ± 63	328 ± 146	143 ± 49	-
<i>Pygospio elegans</i>	D/S	14 ± 14	114 ± 57	57 ± 33	14 ± 14	-	157 ± 49	413 ± 122	171 ± 62	86 ± 55	71 ± 43	100 ± 27	71 ± 27	14 ± 14	100 ± 82	-
<i>Scoloplos armiger</i>	D	14 ± 14	-	-	-	-	57 ± 57	14 ± 14	57 ± 23	128 ± 75	-	14 ± 14	-	-	29 ± 29	-
<i>Streblospio shrubsolii</i>	D/S	14 ± 14	14 ± 14	14 ± 14	-	-	71 ± 54	-	-	-	-	43 ± 27	43 ± 27	43 ± 14	14 ± 14	-
<i>Tharyx robustus</i>	D	812 ± 300	1254 ± 289	941 ± 390	741 ± 303	-	1981 ± 595	3805 ± 1624	898 ± 329	470 ± 263	-	1739 ± 653	1810 ± 549	998 ± 447	2622 ± 296	14 ± 14
<b>Oligochaeta</b>																
<i>Tubificoides benedii</i>	D	57 ± 23	43 ± 43	14 ± 14	-	-	86 ± 55	43 ± 27	-	-	-	14 ± 14	71 ± 36	57 ± 57	100 ± 49	-
<b>Gastropoda</b>																
<i>Ecrobia ventrosa</i>	G	-	-	-	-	-	14 ± 14	14 ± 14	57 ± 33	71 ± 71	-	-	-	-	-	14 ± 14
<i>Leptochiton asellus</i>	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14 ± 14
<b>Bivalvia</b>																
<i>Abra alba</i>	D/S	-	43 ± 43	14 ± 14	-	-	-	57 ± 57	-	-	14 ± 14	-	-	-	-	-
<i>Cerastoderma glaucum</i>	S	29 ± 29	43 ± 27	-	14 ± 14	-	200 ± 37	157 ± 63	157 ± 63	43 ± 27	14 ± 14	14 ± 14	29 ± 16	-	-	-
<i>Ensis ensis</i>	S	-	-	-	-	-	86 ± 29	86 ± 16	-	29 ± 16	-	-	14 ± 14	-	14 ± 14	-
<i>Kurtiella bidentata</i>	D/S	-	-	14 ± 14	-	-	14 ± 14	43 ± 43	-	14 ± 14	-	-	-	-	-	-
<i>Macoma balthica</i>	D/S	-	-	-	-	-	14 ± 14	14 ± 14	14 ± 14	-	-	-	-	-	-	-
<i>Macomangulus tenuis</i>	S	-	-	-	-	-	-	-	-	-	14 ± 14	-	-	-	-	-
<i>Modiolus modiolus</i>	S	-	14 ± 14	-	-	-	57 ± 23	43 ± 27	100 ± 67	-	-	14 ± 14	-	-	-	-
<i>Mya arenaria</i>	S	-	29 ± 16	-	29 ± 29	-	1069 ± 220	1040 ± 136	869 ± 500	257 ± 75	57 ± 40	14 ± 14	43 ± 27	-	14 ± 14	-
<i>Parvicardium minimum</i>	S	-	14 ± 14	-	-	-	698 ± 128	342 ± 70	228 ± 23	100 ± 63	14 ± 14	-	-	14 ± 14	-	-
<i>Scrobicularia plana</i>	D/S	-	-	-	-	-	14 ± 14	-	-	-	-	-	14 ± 14	-	-	14 ± 14
<i>Spisula elliptica</i>	D/S	-	29 ± 29	-	-	-	43 ± 27	-	14 ± 14	14 ± 14	-	-	-	-	-	-
<b>Crustacea</b>																
<i>Corophium volutator</i>	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128 ± 110
<i>Microdeutopus gryllotalpa</i>	G	-	29 ± 16	-	-	-	314 ± 141	200 ± 37	371 ± 148	14 ± 14	14 ± 14	-	-	-	-	128 ± 82
<b>S</b>	-	<b>11</b>	<b>15</b>	<b>8</b>	<b>9</b>	<b>3</b>	<b>21</b>	<b>18</b>	<b>16</b>	<b>13</b>	<b>10</b>	<b>12</b>	<b>13</b>	<b>10</b>	<b>11</b>	<b>9</b>
<b>N</b>	-	<b>1910 ± 353</b>	<b>2394 ± 381</b>	<b>1482 ± 518</b>	<b>1938 ± 340</b>	<b>584 ± 198</b>	<b>6712 ± 950</b>	<b>8194 ± 1631</b>	<b>4232 ± 763</b>	<b>2223 ± 542</b>	<b>1026 ± 121</b>	<b>3406 ± 709</b>	<b>3363 ± 655</b>	<b>2423 ± 623</b>	<b>3890 ± 279</b>	<b>513 ± 209</b>

Table S2. Species list of epifauna grouped taxonomically. Feeding guilds are indicated in second row as: predators (P), omnivores (O) and grazers (G). Total species richness (S) and total abundance (N) are given at the bottom. Numbers are average abundance (ind. m<sup>-2</sup> ± SE).

Taxa	Feeding guild	Summer 2018		Fall 2018		Spring 2019	
		0 m	100 m	0 m	100 m	0 m	100 m
<b>Gastropoda</b>							
<i>Littorina littorea</i>	G	-	0.5 ± 0.2	1 ± 0.7	0.3 ± 0.1	0.2 ± 0.2	3 ± 0.9
<i>Rissoa membranacea</i>	G	-	-	-	0.1 ± 0.1	-	-
<i>Tonicella Rubra</i>	G	-	0.2 ± 0.2	-	-	-	-
<i>Tritia reticulata</i>	P	0.1 ± 0.1	1 ± 0.6	0.6 ± 0.4	0.5 ± 0.3	0.1 ± 0.1	2 ± 0.7
<b>Crustacea</b>							
<i>Athanas nitescens</i>	O	-	-	-	-	-	0.1 ± 0.1
<i>Carcinus maenas</i>	P	0.3 ± 0.2	0.1 ± 0.1	-	-	-	0.1 ± 0.1
<i>Crangon crangon</i>	P	10 ± 1	2 ± 0.3	2 ± 0.8	3 ± 0.5	0.6 ± 0.1	0.3 ± 0.1
<i>Gammarus locusta</i>	G	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2	0.8 ± 0.5	-	0.1 ± 0.1
<i>Palaemon adspersus</i>	O	0.2 ± 0.2	-	-	0.2 ± 0.2	-	0.1 ± 0.4
<i>Praunus flexuosus</i>	O	2 ± 1	0.9 ± 0.3	0.2 ± 0.2	0.6 ± 0.3	0.3 ± 0.2	1 ± 0.8
<b>Asteroidea</b>							
<i>Asterias rubens</i>	P	-	0.1 ± 0.1	-	-	-	0.1 ± 0.1
<b>Actinopterygii</b>							
<i>Pomatoschistus minutus</i>	P	5 ± 1	2 ± 0.4	0.7 ± 0.6	0.2 ± 0.1	-	0.1 ± 0.1
<i>Syngnathus typhle</i>	P	0.1 ± 0.1	-	-	-	-	-
<b>S</b>	-	<b>8</b>	<b>9</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>10</b>
<b>N</b>	-	<b>18.1 ± 2.6</b>	<b>6.3 ± 0.9</b>	<b>4.6 ± 1.2</b>	<b>5.6 ± 0.8</b>	<b>1.1 ± 0.1</b>	<b>7.2 ± 1.5</b>