

Table S1. Sampling information, organisms sorted, and number of samples sequenced.

Date	Sample type	Sampling depth (m)	Sorted organisms	*Temperature (°C)	*Chl a (µg L ⁻¹)	Samples analysed
16/06/17	Water	0-30		6.93	1.34	3
	Zooplankton	0-30, 30-60, 60-100	<i>Acartia</i> spp., <i>Centropages hamatus</i> , <i>Evadne nordmanni</i> , <i>Pseudocalanus</i> spp., <i>Temora longicornis</i>			29
15/08/17	Water	0-30		7.73	1.2	3
	Zooplankton	0-30, 30-60, 60-100	<i>Acartia</i> spp., <i>Bosmina</i> spp., <i>Centropages hamatus</i> , <i>Pseudocalanus</i> spp., <i>Temora longicornis</i>			26
11/11/17	Water	0-30		6.82	1.38	3
	Zooplankton	0-30, 30-60	<i>Temora longicornis</i>			6
19/03/18	Water	0-30		4.08	0.65	2
	Zooplankton	0-30, 30-60	<i>Acartia</i> spp., <i>Pseudocalanus</i> spp., <i>Temora longicornis</i>			14
16/04/18	Water	0-30		4.38	4.74	10
	Zooplankton	0-30, 30-60, 60-100	<i>Acartia</i> spp., <i>Centropages hamatus</i> , <i>Fritillaria</i> sp., <i>Bylgides</i> sp., <i>Pseudocalanus</i> spp., <i>Temora longicornis</i>			33
31/07/18	Water	0-30		9.3	1.19	6
	Zooplankton	0-30, 30-60, 60-100	<i>Bosmina</i> spp., <i>Evadne nordmanni</i> , <i>Pseudocalanus</i> spp., <i>Temora longicornis</i>			28

*Temperature and Chlorophyll *a* data are average measurements from Sharkdata (<https://sharkweb.smhi.se>) at BY31 the dates of our samplings.