

Suppl. Table: Plankton groups observed and analysed. The different groups are separately listed as autotrophic and heterotrophic plankton. The number of actual counts is equal to the number of data points considered during our reanalysis. The numbers of enumerated cells were converted to cell concentrations, depending on sample volume and on the count area on the microscope slide, see text for details. Length and width were measured during microscopy. Cell thickness was calculated, as described in the text.

Photo-autotrophic plankton:

#ID	Plankton group	Counts control	Counts patch	Length / μm control min/max	Length / μm patch min/max	Width / μm control min/max	Width / μm patch min/max	Thickness / μm control min/max	Thickness / μm patch min/max
1	Prymnesiophytes	820	3346	4 / 12	3 / 16	3 / 8	3 / 10	2 / 6	2 / 8
2	Dinoflagellates	1255	6687	6 / 50	4 / 80	3 / 20	2 / 45	2 / 15	2 / 25
3	Cryptomonads	0	6	-	4 / 12	-	3 / 6	-	2 / 5
4	Prasinophytes	0	7	-	6 / 10	-	4 / 8	-	3 / 6
5	<i>Phaeocystis</i>	0	1372	-	3 / 8	-	3 / 6	-	2 / 5
6	Pennate diatoms	0	28	-	22 / 130	-	5 / 24	-	4 / 12
7	<i>Pseudonitzschia</i> -misc	1	28	300	75 / 800	2	2 / 5	2	2 / 4
8	<i>Pseudo-nitzschia</i> spp.	165	4749	10 / 130	3 / 320	1 / 3	1 / 10	1 / 2	1 / 6
9	<i>Thalassionema</i>	0	23	-	150 / 800	-	2 / 6	-	2 / 3
10	<i>Tropidoneis/Haslea</i>	9	30	14 / 80	30 / 500	5 / 12	5 / 100	4 / 9	4 / 60
11	<i>Thalassiothrix</i>	0	55	-	20 / 1600	-	2 / 10	-	2 / 8
12	<i>Pseudoeunotia</i>	5	18	60 / 60	16 / 110	10 / 10	5 / 80	8 / 8	3 / 30
13	<i>Nitzschia bicaipitata</i>	87	455	5 / 22	5 / 28	2 / 4	2 / 4	2 / 3	2 / 3
14	Centric diatoms	4	45	12 / 70	8 / 100	4 / 10	3 / 70	3 / 8	2 / 30
15	<i>Chaetoceros</i>	14	303	4 / 8	4 / 30	3 / 16	3 / 40	2 / 6	2 / 18
16	<i>Rhizosolenia</i>	0	13	-	100 / 680	-	16 / 100	-	3 / 30
17	<i>Thalassiosira</i>	5	48	12 / 30	10 / 30	4 / 6	4 / 10	3 / 5	3 / 6

Heterotrophic and mixotrophic plankton:

#ID	Plankton group	Counts control	Counts patch	Length / μm control min/max	Length / μm patch min/max	Width / μm control min/max	Width / μm patch min/max	Thickness / μm control min/max	Thickness / μm patch min/max
1	Dinoflagellates	104	600	6 / 65	5 / 70	5 / 30	3 / 45	4 / 22	2 / 30
2	Het. green dinoflagellates	118	553	6 / 25	6 / 40	3 / 16	3 / 38	2 / 12	2 / 30
3	Het. flagellates	1124	4677	4 / 12	4 / 24	2 / 5	2 / 24	2 / 4	2 / 18
4	Amoebae	4	93	4 / 8	4 / 8	3 / 8	3 / 8	2 / 6	2 / 6
5	Choanoflagellates	35	115	3 / 4	3 / 10	2 / 3	3 / 5	2 / 2	2 / 4
6	Hetero-cryptophytes	1	10	12	10 / 14	4	5 / 6	3	4 / 5
7	Het. ciliates	0	47	-	8 / 40	-	6 / 30	-	5 / 22
8	Mixo. ciliates	9	68	16 / 36	10 / 70	12 / 22	8 / 30	9 / 16	6 / 18