

Appendix 4. Distribution of algal and cyanobacteria taxa of the Kola Peninsula Arctic lakes over taxonomic Division

No. Lake	Division	Cyanobacteria	Bacillariophyta	Ochrophyta	Miozoa	Euglenophyta	Chlorophyta	Charophyta
	No of Division	1	2	3	4	5	6	7
1	Well 251	2	12	1	0	0	0	2
2	Goluboe	7	6	0	0	0	2	2
3	Lake 199,4	8	27	1	0	0	1	12
4	Lake 190,1	3	5	1	0	0	1	3
5	Lake 194,3	2	13	1	0	0	1	2
6	Lake 190,4	7	15	0	1	0	4	3
7	Inchyavr	5	10	0	0	0	0	1
8	Lastyavr	4	7	1	0	0	1	3
9	Sharyavr	0	5	1	0	0	2	1
10	Upper Tsagayavr	1	28	0	0	0	1	2
11	Kovdor	5	29	0	0	0	2	2
12	Lower Tsagayavr	5	29	0	0	0	2	2
13	Large Vudjavr	6	28	0	1	0	16	4
14	Beloe	4	20	0	0	0	2	3
15	Imandra, Yokostrov	3	19	0	2	0	0	12
16	Experimentalnoe	3	8	1	0	1	0	0
17	Well 23	5	1	0	0	0	1	0
18	Small Vudyavr	3	16	0	1	0	2	3
19	Lower Chalmosero	1	39	0	4	0	5	1
20	Academicheskoye	4	12	0	0	0	0	5
21	Nudjavr	3	15	0	0	1	4	2
22	Imandra, Monche bay	7	20	1	0	1	12	1
23	Lumbolka	3	11	0	1	0	0	1
24	Imandra, Kurenga bay exit	1	18	0	2	0	2	1
25	Lake Upper Staroe	0	5	0	1	0	0	0
26	Imandra, Kurenga	1	15	0	3	0	2	0
27	Krugloe	2	7	0	2	0	1	1
28	Permusosero	0	15	0	2	0	0	0
29	Kahosero	0	5	0	3	0	1	0
30	Kolosero	2	9	0	2	0	2	0
31	Kochejaur	7	29	0	1	0	1	5
32	Korovje	2	21	0	2	0	2	3
33	Dolgoe	9	39	1	2	0	6	6
34	Pasvik, Tyerebukta	1	4	0	2	0	0	0
35	Pasvik, Ruskebukta	1	13	0	0	0	1	1
36	Pasvik, Vaggatem	1	14	0	1	0	1	1

37	Large Uragubskoye	6	20	0	1	0	1	1
38	Vidyaevo-6	1	24	0	2	0	1	2
39	Vidyaevo-8	2	11	0	2	1	3	2
40	Vidyaevo-5	4	22	0	2	0	1	4
41	Soltajarvi	0	23	0	1	0	1	1
42	Vidyaevo-7	2	11	0	3	0	1	2
43	Ala-Soukijarvi	4	28	0	1	0	1	6
44	Souker-1	3	13	0	0	0	1	4
45	Souker-2	2	17	0	1	0	0	3
46	Souker-2, wetland	2	6	0	0	0	1	3
47	Kuetsjarvi	3	7	0	1	0	2	0
48	Pasvik, Skrukkebukta	1	8	0	1	0	0	0
	No of Species	148	759	9	48	4	91	113