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Phototrophic pigment diversity and picophytoplankton in permafrost thaw lakes

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Supplementary material

Table S1. Location (latitude and longitude), maximum depth (Z) of the subarctic lakes and sampling dates. Water was sampled ca. 20 cm below the surface and ca. 20 cm above the maximum depth. The shallow rock basin lakes have been referred elsewhere as follows: WP1 (SRB1), WP2 (SRB2), Olsha (SRB3), 4 KM (SRB4), Iqalusiuvik (SRB5), – no sampling.

Lakes	Latitude	Longitude	Z (m)	Sampling dates	
				2011	2012
Thaw lakes on northern clay soils					
BGR1	56°36.650'N	76°12.900'W	3.5	20 Aug	9 Aug
BGR2	56°36.632'N	76°12.937'W	1.0	20 Aug	9 Aug
NASA	56°55.434'N	76°22.708'W	3.2	7 Aug	–
NASH	56°55.452'N	76°22.636'W	3.6	7 Aug	–
Thaw lakes on southern clay soils					
KWK1	55°19.890'N	77°30.241'W	2.1	19 Aug	3 Aug
KWK6	55°19.937'N	77°30.117'W	3.2	21 Aug	4 Aug
KWK12	55°19.808'N	77°30.239'W	2.6	19 Aug	3 Aug
KWK23	55°19.947'N	77°30.131'W	3.4	21 Aug	4 Aug
Thaw lakes on peatlands					
SAS1A	55°13.128'N	77°42.477'W	1.9	23 Aug	5 Aug
SAS1B	55°13.143'N	77°42.475'W	1.7	23 Aug	5 Aug
SAS2A	55°13.591'N	77°41.815'W	2.6	–	13 Aug
SAS2B	55°13.600'N	77°41.806'W	2.0	–	13 Aug
Shallow rock-basin lakes					
SRB1	55°16.982'N	77°44.187'W	0.4	24 Aug	11 Aug
SRB2	55°16.970'N	77°44.122'W	0.8	24 Aug	11 Aug
SRB3	55°16.958'N	77°44.387'W	1.6	24 Aug	14 Aug
SRB4	55°19.907'N	77°41.959'W	0.7	16 Aug	8 Aug
SRB5	55°22.262'N	77°37.072'W	1.8	12 Aug	8 Aug