Table S1. List of algae species recorded in the studied water bodies during the experimental period

Taxa	Lake Velikoye		Protoka	
	Phytoplankton	Epiplastic algaec	Phytoplankton	Epiplastic algae
Cyanobacteria				
Anagnostidinema amphibium (C.Agardh ex Gomont) Strunecký, Bohunická, J.R.Johansen & J.Komárek				+
Anabaena sp.	+	+		+
Aphanizomenon flosaquae Ralfs ex Bornet & Flahault	+	+	+	+
Aphanizomenon yezoense M.Watanabe	+			
Aphanocapsa holsatica (Lemmermann) G.Cronberg & Komárek	+			
Aphanocapsa incerta (Lemmermann) G.Cronberg & Komárek		+		
Aulosira laxa O.Kirchner ex Bornet & Flahault				+
Aulosira planctonica Elenkin	+	+		
Aulosira sp.				+
Chroococcus minor (Kützing) Nägeli		+		
Cuspidothrix issatschenkoi (Usachev) P.Rajaniemi, Komárek, R.Willame, P. Hrouzek, K.Kastovská, L.Hoffmann & K.Sivonen	+	+		
Dolichospermum smithii (Komárek) Wacklin, L.Hoffmann & Komárek	+			
Dolichospermum planctonicum (Brunnthaler) Wacklin, L.Hoffmann & Komárek	+	+	+	+
Dolichospermum spiroides (Klebhan) Wacklin, L.Hoffmann & Komárek	+	+	+	+
Gloeotrichia sp. (echinulata)			+	+
Leptolyngbya sp.		+		+
Lyngbya sp.		+		+
Merismopedia elegans A.Braun ex Kützing		+	+	+
Merismopedia tranquilla (Ehrenberg) Trevisan		+		
Microcystis aeruginosa (Kützing) Kützing	+	+	+	
Microcystis viridis (A.Braun) Lemmermann	+			
Nodularia sp.1				+
Nodularia sp.2				+
Oscillatoria limosa C.Agardh ex Gomont				+
Oscillatoria tenuis C.Agardh ex Gomont		+		+
Oscillatoria sp. 1				+
Oscillatoria sp. 2				+
Phormidium ambiguum Gomont				+
Phormidium granulatum (N.L.Gardner)Anagnostidis				+
Phormidium willei (N.L.Gardner) Anagnostidis & Komárek				+
Phormidium sp.		+	+	+
Planktothrix agardhii (Gomont) Anagnostidis & Komárek		+		
Planktolyngbya limnetica (Lemmermann) Komárková-Legnerová & Cronberg				+
Pseudanabaena galeata Böcher	+	+		+
Pseudanabaena voronichinii Anagnostidis		+		
Pseudanabaena catenata Lauterborn		+		
Pseudanabaena limnetica (Lemmermann) Komárek				+
Pseudanabaena mucicola (Naumann & Huber-Pestalozzi) Schwabe		+		
Pseudanabaena sp.				+

Bacillariophyta					
Amphora ovalis (Kützing) Kützing			+		
Amphora sp.					+
Achnanthes sp.			+		+
Asterionella formosa Hassall	+		+		
Aulacoseira granulata (Ehrenberg) Simonsen	+		+		
Cocconeis placentula Ehrenberg			+		
Cyclotella meneghiniana Kützing	+		+	+	
Cyclotella sp.			+		+
Cymbella proxima Reimer			+		
Cymbella neogena (Grunow) Krammer			+		
Cymbella neolanceolata W.Silva					
Cymbella sp.					+
Encyonema silesiacum (Bleisch) D.G.Mann in Round, R.M.Crawford & D.G.Mann			+		
Encyonema cespitosum Kützing			+		
Encyonema sp.					+
Epithemia adnata (Kützing) Brébisson			+		
Epithemia sp.					+
Eunotia glacialifalsa Lange-Bertalot			+		+
Eunotia praerupta Ehrenberg			+		
Eunotia sp. 1					+
Eunotia sp. 2					+
Fragilaria crotonensis Kitton			+		
Fragilaria radians (Kützing) D.M.Williams & Round	+		+		
Fragilaria sp.					+
Gomphonema acuminatum Ehrenberg			+		
Gomphonema brebissonii Kützing			+		
Gomphonema bavaricum E.Reichardt & Lange-Bertalot			+		
Gomphonema capitatum Ehrenberg			+		
Gomphonema pala E.Reichardt			+		
Gomphonema vibrio Ehrenberg			+		
Gomphonema sp.					+
Gyrosigma acuminatum (Kützing) Rabenhorst			+		
Lemnicola exigua (Grunow) Kulikovskiy, Witkowski & Plinski			+		
Lindavia comta (Kützing) T.Nakov & al.	+		+		
Melosira varians C.Agardh	+		+		+
Navicula radiosa Kützing			+	+	+
Navicula sp. 1	+		+		
Navicula sp. 2			+		+
Nitzschia gracilis Hantzsch			+		
Nitzschia acidoclinata Lange-Bertalot			+		
Nitzschia flexoides Geitler			+		
Nitzschia sigmoidea (Nitzsch) W.Smith			+		+
Nitzschia recta Hantzsch ex Rabenhorst			+		
Nitzschia sp.			+	+	+
Pinnularia divergens W.Smith					+
Pinnularia perinterrupta Krammer			+		
Pinnularia parvulissima Krammer			+		
Pinnularia perspicua Krammer			+		
Pinnularia sp.			+		+
Staurosira sp.			+		
Stauroneis sp.			+		
Stephanodiscus hantzschii Grunow in Cleve & Grunow	+		+		
Stephanodiscus minutulus (Kütz.) Cleve et Moller			+		

Stephanodiscus sp.		+		+
Synedra sp.				+
Surirella sp.		+		
Tabellaria fenestrata (Lyngbye) Kützing		+		+
Tabellaria flocculosa (Roth) Kützing				+
Ulnaria ulna (Nitzsch) Compère		+		
Cryptophyta				
Komma caudata (L.Geitler) D.R.A.Hill		+		
Dinophyta				
Apocalathium aciculiferum (Lemmermann) Craveiro, Daugbjerg, Moestrup & Calado		+		
Ceratium cf. *hirundinella* (O.F.Müller) Dujardin	+	+	+	
Gymnodinium sp.	+	+	+	
*Peridinium cinctum (*O.F.Müller) Ehrenberg	+	+	+	+
Peridinium bipes F.Stein		+		
Peridinium sp.		+		
Ochrophyta (Chrysophyceae)				
Chrysococcus rufescens Klebs			+	
Dinobryon bavaricum Imhof			+	+
Dinobryon sociale (Ehrenberg) Ehrenberg	+			
Kephyrion boreale Skuja	+			
Kephyrion rubri-claustri Conrad		+		
Pseudokephyrion sp.		+		
Ochrophyta (Xantophyceae)				
Centritractus africanus F.E.Fritsch & M.F.Rich in F.E.Fritsch, M.F.Rich & M.L.Stephens			+	
Ophiocytium arbuscula (A.Braun ex Kützing) Sande Lacoste & Suringar		+		
Ophiocytium capitatum Wolle		+	+	
Ophiocytium mucronatum (A.Braun) Rabenhorst		+		
Ophiocytium variabile Bohlin		+		
Tribonema elegans Pascher		+		
Tribonema vulgare Pascher		+		
Ochrophyta (Synurophyceae)				
Mallomonas sp.			+	
Ochrophyta (Raphidophyceae)				
Gonyostomum semen (Ehrenberg) Diesing			+	+
Charophyta				
Coleochaete soluta (Brébisson) Pringsheim		+		+
Coleochaete orbicularis Pringsheim		+		+
Coleochaete pseudosoluta Gauthier-Lièvre		+		+
Cosmarium sp.		+		+
Mougeotia sp.				+
Spirogyra sp.				+
Chlorophyta				
Ankistrodesmus arcuatus Korshikov	+			
Bulbochaete sp.		+		
Chaetophora sp.		+		
Characium ornithocephalum A.Braun		+		
Characium sp.		+		+
Chlamydopodium sieboldii (A.Braun) P.M.Tsarenko		+		
Chlorella vulgaris Beijerinck		+		
Coenococcus planctonicus Korshikov		+	+	
Coenochloris fottii (Hindák) Tsarenko		+		
Coelastrum astroideum De Notaris	+	+		
Coelastrum microporum Nägeli in A.Braun	+			

Crucigenia fenestrata (Schmidle) Schmidle	+				
Crucigenia quadrata Morren	+	+			
Crucigenia tetrapedia (Kirchner) Kuntze		+	+		
Desmodesmus armatus (Chodat) E.H.Hegewald		+			
Desmodesmus bicaudatus (Dedusenko) P.M.Tsarenko	+				
Desmodesmus opoliensis (P.G.Richter) E.Hegewald		+			
Didymocystis inermis (Fott) Fott	+				
Geminella sp.		+			
Golenkinia radiata Chodat		+			
Kirchneriella lunaris (Kirchner) Möbius			+		
Lagerheimia wratislawiensis Schröder	+				
Lemmermannia komarekii (Hindák) C.Bock & Krienitz in Bock et al.			+		
Lemmermannia triangularis (Chodat) C.Bock & Krienitz in C.Bock et al.			+	+	
Monoraphidium contortum (Thuret) Komárková-Legnerová	+		+		
Monoraphidium irregulare (G.M.Smith) Komárková-Legnerová		+			
Monoraphidium tortile (West & G.S.West) Komárková-Legnerová	+	+			
Mucidosphaerium pulchellum (H.C.Wood) C.Bock, Proschold & Krienitz	+	+			
Oedogonium nodosum Kützing				+	
Oedogonium sp. 1	+	+		+	
Oedogonium sp. 2		+		+	
Oocystis lacustris Chodat		+			
Oocystis parva West & G.S.West	+	+			
Parapediastrum biradiatum (Meyen) E.Hegewald in Buchheim et al.		+			
Pediastrum duplex Meyen	+	+			
Scenedesmus arcuatus (Lemmermann) Lemmermann	+				
Scenedesmus ellipticus Corda			+	+	
Scenedesmus quadricauda (Turpin) Brébisson			+		
Stauridium tetras (Ehrenberg) E.Hegewald				+	
Selenastrum bibraianum Reinsch	+				
Tetraëdron minimum (A.Braun) Hansgirg	+	+	+		
Tetradesmus obliquus (Turpin) M.J.Wynne			+		
Willea rectangularis (A.Braun) D.M.John, M.J.Wynne & P.M.Tsarenko		+			
Quadrigula korsikovii Komárek			+		
Euglenophyta					
Colacium sideropus Skuja			+		
Phacus pleuronectes (O.F.Müller) Nitzsch exDujardin		+			
Phacus sp.				+	
Trachelomonas hispida (Perty) F.Stein	+	+			
Trachelomonas hispida var. volicensis Drezepolski			+		
Trachelomonas intermedia P.A.Dangeard		+	+		
Trachelomonas ornata Skvortzov	+	+			
Trachelomonas volvocina (Ehrenberg) Ehrenberg	+	+	+		
Trachelomonas sp.		+			