Supplementary Tables

Table S1. Results of hypothesis tests for differences in mean chl *a* between final control and final nutrient-amended samples. Statistically significant p-values are in bold. For statistically significant differences, effect size (Hedge's g) is listed.

Month	Experiment Day	Test	Test Statistic	p value	Effect Size (Hedge's g)
May	1	Student's t-test	1.373	0.242	
May	2	Student's t-test	-0.765	0.487	
May	3	Student's t-test	0.798	0.470	
May	4	Student's t-test	-0.393	0.715	
May	5	-	-	-	-
June	1	Student's t-test	-1.980	0.095	
June	2	Student's t-test	0.317	0.762	
June	3	Student's t-test	-3.942	**0.011**	1.486
June	4	Student's t-test	-4.973	**0.003**	1.994
June	5	Student's t-test	-3.145	**0.026**	1.225
July	1	Student's t-test	0.232	0.824	
July	2	Student's t-test	0.779	0.466	
July	3	Student's t-test	-1.105	0.312	
July	4	Student's t-test	-0.123	0.906	
July	5	Student's t-test	-2.872	**0.028**	1.152
August	1	Mann-Whitney U test	6.500	0.772	
August	2	Student's t-test	-0.234	0.823	
August	3	Student's t-test	1.197	0.276	
August	4	Student's t-test	-0.870	0.418	
August	5	Student's t-test	-1.729	0.134	
September	1	Student's t-test	-0.056	0.957	
September	2	Student's t-test	0.789	0.460	
September	3	Welch's t-test	-4.185	**0.013**	0.916
September	4	Student's t-test	-0.877	0.414	
September	5	Student's t-test	-1.112	0.309	

Table S2. Results of hypothesis tests for differences in mean square-root transformed abundance and log(x+1) transformed biomass between Day 5 final control and final nutrient-amended samples for each month. Statistically significant p-values are in bold.

		Abundance				Biomass			
Taxon	Month	Test	Test Statistic	p value	Effect Size (Hedge's g)	Test	Test Statistic	p value	Effect Size (Hedge's g)
Chlorophytes	May	Student's t-test	-0.122	0.909		Student's t-test	-0.261	0.807	
	June	Student's t-test	-0.874	0.422		Student's t-test	-1.034	0.349	
	July	Student's t-test	0.613	0.562		Student's t-test	2.468	**0.049**	-0.990
	August	Student's t-test	-3.831	**0.009**	1.536	Student's t-test	-1.417	0.206	
	September	Student's t-test	-0.463	0.660		Welch's t-test	0.376	0.726	
Cyanobacteria	May	Student's t-test	0.826	0.455		Student's t-test	3.380	**0.028**	-1.177
	June	Student's t-test	-2.445	0.058		Student's t-test	-2.292	0.070	
	July	Student's t-test	-2.159	0.074		Student's t-test	-2.591	**0.041**	1.039
	August	Student's t-test	-2.975	**0.025**	1.193	Student's t-test	-3.086	**0.022**	1.137
	September	Student's t-test	-1.786	0.124		Student's t-test	-0.737	0.489	
Diatoms	May	Student's t-test	-0.688	0.529		Student's t-test	0.824	0.456	
	June	Student's t-test	-1.271	0.260		Student's t-test	-2.742	**0.041**	0.991
	July	Student's t-test	-0.818	0.444		Mann-Whitney	4.000	0.343	
	August	Student's t-test	-0.624	0.556		Mann-Whitney	7.000	0.886	
	September	Student's t-test	-2.365	0.056		Student's t-test	-1.273	0.250	
Dinoflagellates	May	Mann-Whitney	3.000	0.505		Mann-Whitney	3.000	0.505	
	June	Student's t-test	-3.115	**0.026**	1.275	Student's t-test	-3.758	**0.013**	1.464
	July	Student's t-test	-3.232	**0.018**	1.296	Student's t-test	-3.088	**0.021**	1.238
	August	Mann-Whitney	2.500	0.124		Mann-Whitney	3.500	0.219	
	September	Student's t-test	0.147	0.888		Welch's t-test	0.821	0.461	
Flagellates	May	Student's t-test	0.930	0.405		Student's t-test	0.069	0.948	
	June	Student's t-test	-1.656	0.159		Student's t-test	-0.857	0.431	
	July	Student's t-test	-11.787	**0.000**	4.727	Student's t-test	-3.454	**0.014**	1.385
	August	Student's t-test	-1.575	0.166		Student's t-test	-2.975	**0.025**	1.193
	September	Student's t-test	-0.671	0.527		Student's t-test	-1.177	0.284	
Ciliates	May	Student's t-test	-1.044	0.355		Student's t-test	-0.083	0.938	
	June	Student's t-test	-4.764	**0.005**	1.722	Student's t-test	-4.360	**0.007**	1.788
	July	Student's t-test	-2.257	0.065		Welch's t-test	-3.019	**0.047**	0.824
	August	Welch's t-test	-1.889	0.142		Student's t-test	0.520	0.622	
	September	Student's t-test	-3.049	**0.023**	1.223	Student's t-test	0.410	0.696	