

Variables (units)	T	M	G	KW <i>p</i> value	Post hoc <i>Bonferroni</i>
SST (°C)	26 ± 2	16 ± 4	16 ± 2	<0.001***	T>G>M
PAR (E m <sup>-2</sup> d <sup>-1</sup> )	43 ± 23	42 ± 13	39 ± 17	0.69	
MLD (m)	61 ± 30	61 ± 71	12 ± 10	<0.001**	T, M>G
1 % PAR (m)	109 ± 23	62 ± 13	37 ± 17	<0.001**	T>M>G
sNO <sub>3</sub> (μmol m <sup>-3</sup> )	90 ± 77	2414 ± 1635	1601 ± 1604	<0.001***	T<M, G
NO <sub>3</sub> gradient (μmol m <sup>-4</sup> )	146 ± 158	90 ± 40	105 ± 100	0.71	
K (m <sup>2</sup> s <sup>-1</sup> ) × 10 <sup>-3</sup>	0.2 ± 0.3	5.3 ± 13.9	0.5 ± 0.8	0.24	
NO <sub>3</sub> flux (mmol m <sup>-2</sup> d <sup>-1</sup> )	0.7 ± 1.6	41 ± 113	30 ± 46	<0.001***	T<M<G
sChl <i>a</i> (mg m <sup>-3</sup> )	0.1 ± 0.1	0.9 ± 0.9	2.2 ± 2.5	<0.01**	T<M<G
Chl <i>a</i> (mg m <sup>-2</sup> )	31 ± 6	70 ± 99	81 ± 66	<0.001***	T<G
sLNA A (cell mL <sup>-1</sup> ) × 10 <sup>5</sup>	4.4 ± 2.4	3.7 ± 2.5	2.1 ± 1.1	<0.001***	T>M>G
sHNA A (cell mL <sup>-1</sup> ) × 10 <sup>5</sup>	3.0 ± 1.8	4.0 ± 4.5	3.6 ± 2.3	0.13	
sProchl A (cell mL <sup>-1</sup> ) × 10 <sup>3</sup>	144 ± 132	2.2 ± 4.4	1.0 ± 2.8	<0.001***	T>M, G
sSynech A (cell mL <sup>-1</sup> ) × 10 <sup>3</sup>	18 ± 66	75 ± 81	5.7 ± 6.9	<0.001***	T<M>G
sPicoEuk A (cell mL <sup>-1</sup> ) × 10 <sup>3</sup>	2.5 ± 9.4	6.8 ± 8.4	5.7 ± 6.9	<0.001***	T<M, G
LNA A (cell m <sup>-2</sup> ) × 10 <sup>12</sup>	40 ± 20	22 ± 8	6.4 ± 4	<0.001***	T, M>G
HNA A (cell m <sup>-2</sup> ) × 10 <sup>12</sup>	27 ± 1	22 ± 1	9.4 ± 0.8	<0.001***	T>M>G
Prochl A (cell m <sup>-2</sup> ) × 10 <sup>11</sup>	156 ± 121	10 ± 23	0.5 ± 1	<0.001***	T>M, G
Synech A (cell m <sup>-2</sup> ) × 10 <sup>11</sup>	7 ± 15	50 ± 49	2 ± 2	<0.001***	T<M>G
PicoEuk A (cell m <sup>-2</sup> ) × 10 <sup>11</sup>	1.7 ± 3	2.8 ± 2	1 ± 2	<0.001***	T<M>G
LNA B (mg C m <sup>-2</sup> )	253 ± 105	170 ± 97	43 ± 34	<0.001***	T>M>G
HNA B (mg C m <sup>-2</sup> )	216 ± 127	168 ± 105	108 ± 73	0.02*	T>M>G
Prochl B (mg C m <sup>-2</sup> )	482 ± 516	36 ± 84	1.3 ± 4	<0.001***	T>M, G
Synech B (mg C m <sup>-2</sup> )	43 ± 83	576 ± 530	19 ± 26	<0.001***	T, M>G
PicoEuk B (mg C m <sup>-2</sup> )	59 ± 102	86 ± 59	43 ± 59	<0.001***	T<M>G
Total Pico B (mg C m <sup>-2</sup> )	1052 ± 215	1038 ± 485	216 ± 36	<0.001***	T, M>G
LNA C (%)	27 ± 10	18 ± 8	21 ± 9	<0.001***	T>M, G
HNA C (%)	22 ± 12	17 ± 10	55 ± 15	<0.001***	T, M<G
Prochl C (%)	41 ± 16	5 ± 12	1 ± 2	<0.001***	T, M<G
Synech C (%)	4 ± 5	50 ± 24	6 ± 7	<0.001***	T, G>M
PicoEuk C (%)	5 ± 5	10 ± 9	11 ± 9	<0.001***	T<M, G