

Supplementary Table 1: Phytoplankton growth rates as a function of temperature for six phytoplankton groups, compiled from published data and including new data from this study.

T °C	$\mu$ (d-1)	Phytoplankton group		Reference
28	0.14	N2-fixers	[LaRoche and Breitbarth, 2005]	La Roche and Breitbarth 2005
25	0.17	N2-fixers	[Levitan et al., 2007]	Levitan et al. 2007
25	0.23	N2-fixers	[Prufertboubout et al., 1993]	Prufert-Befout et al. 1993
28	0.07	N2-fixers	[Mulholland and Capone, 1999]	Mulholland and Capone 1999
26	0.12	N2-fixers	[Berman-Frank et al., 2001]	Berman-Frank et al. 2001
26	0.3	N2-fixers	[C. Holl and Montoya, 2005]	Holl and Montoya 2005
23	0.2	N2-fixers	[Ohki and Fujita, 1982]	Ohki and Fujita 1982
26	0.51	N2-fixers	[C. Holl, 2004]	Holl 2004
26.5	0.008	N2-fixers	[E. J. Carpenter and Mccarthy, 1975]	Carpenter and McCarthy 1975
26.5	0.018	N2-fixers	[E. J. Carpenter and Price, 1976]	Carpenter and McCarthy 1976
27	0.008	N2-fixers	[E. J. Carpenter and Price, 1977]	Carpenter and McCarthy 1977
27	0.01	N2-fixers	[Mccarthy and Carpenter, 1979]	Carpenter and McCarthy 1979 (corrected)
27	0.005	N2-fixers	[E.J. Carpenter and Lively, 1980]	Carpenter and McCarthy 1980
27	0.23	N2-fixers	[E. J. Carpenter et al., 1993]	Carpenter et al. 1993
27	0.18	N2-fixers	[E. J. Carpenter et al., 1993]	Carpenter et al. 1993
18.6	0	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
20	0.03	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
20	0.03	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
20	0.05	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
21.2	0.08	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
21	0.1	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
21	0.1	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
24	0.17	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
24	0.17	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
24	0.18	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
27.1	0.24	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
27.1	0.25	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
30	0.24	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
30	0.23	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
30	0.21	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
31.2	0.15	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
32.1	0.15	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007

34	0.07	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
36.2	0	N2-fixers	[Breitbarth et al., 2007]	Breitbarth et al. 2007
12.7	0.12	picophytoplankton	[Moore et al., 1995]	Moore 95
14.63	0.21	picophytoplankton	[Moore et al., 1995]	Moore 95
17.59	0.28	picophytoplankton	[Moore et al., 1995]	Moore 95
19.13	0.43	picophytoplankton	[Moore et al., 1995]	Moore 95
22.03	0.54	picophytoplankton	[Moore et al., 1995]	Moore 95
23.64	0.58	picophytoplankton	[Moore et al., 1995]	Moore 95
25.65	0.44	picophytoplankton	[Moore et al., 1995]	Moore 95
14.64	0.16	picophytoplankton	[Moore et al., 1995]	Moore 95
17.59	0.31	picophytoplankton	[Moore et al., 1995]	Moore 95
19.06	0.48	picophytoplankton	[Moore et al., 1995]	Moore 95
22.02	0.55	picophytoplankton	[Moore et al., 1995]	Moore 95
23.63	0.6	picophytoplankton	[Moore et al., 1995]	Moore 95
25.65	0.49	picophytoplankton	[Moore et al., 1995]	Moore 95
14.63	0.21	picophytoplankton	[Moore et al., 1995]	Moore 95
17.59	0.35	picophytoplankton	[Moore et al., 1995]	Moore 95
19.06	0.46	picophytoplankton	[Moore et al., 1995]	Moore 95
22.02	0.6	picophytoplankton	[Moore et al., 1995]	Moore 95
23.62	0.69	picophytoplankton	[Moore et al., 1995]	Moore 95
25.62	0.77	picophytoplankton	[Moore et al., 1995]	Moore 95
27.81	0.8	picophytoplankton	[Moore et al., 1995]	Moore 95
30.28	0.65	picophytoplankton	[Moore et al., 1995]	Moore 95
32.05	0.42	picophytoplankton	[Moore et al., 1995]	Moore 95
17.01	0.16	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
18.04	0.16	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
19	0.22	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
22.11	0.36	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
23.06	0.4	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
24.01	0.45	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
25.05	0.5	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
26	0.43	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
27.04	0.47	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
27.99	0.43	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
29.03	0.43	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
30.07	0.45	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
31.02	0.43	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
17.01	0.28	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
18.04	0.28	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
19	0.32	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
21.07	0.36	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
22.02	0.49	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
23.06	0.54	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
24.01	0.58	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A

25.05	0.62	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
26	0.59	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
27.04	0.61	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
28.08	0.47	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
29.03	0.33	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5A
10.94	0.08	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
12.91	0.21	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
13.94	0.24	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
14.89	0.23	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
16.95	0.3	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
17.99	0.3	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
18.93	0.32	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
21.94	0.36	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
22.98	0.4	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
23.92	0.39	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
24.96	0.39	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
25.91	0.37	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
26.95	0.33	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
10.94	0.1	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
13	0.19	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
13.94	0.21	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
14.97	0.24	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
17.99	0.27	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
18.93	0.33	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
23.92	0.46	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
24.95	0.46	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
25.9	0.42	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
27.99	0.28	picophytoplankton	[Johnson et al., 2006]	Johnson 06 suppl 5B
20	1.85	picophytoplankton	[Glover et al., 1987]	Glover et al 1987
22.5	1.87	picophytoplankton	[Kana and Glibert, 1987]	Kana and Glibert 1987
25.5	2.02	picophytoplankton	[Kana and Glibert, 1987]	Kana and Glibert 1987
28.7	1.42	picophytoplankton	[Landry et al., 1984]	Landry et al MEPS 1984 (mean SST used as T not reported)
28.7	1.98	picophytoplankton	[Landry et al., 1984]	Landry et al MEPS 1984 (mean SST used as T not reported)
22.5	1.69	picophytoplankton	[Kana and Glibert, 1987]	Kana 1987
23.5	1.71	picophytoplankton	[Kana and Glibert, 1987]	Kana 1987
24	1.75	picophytoplankton	[Kana and Glibert, 1987]	Kana 1987
25.5	1.95	picophytoplankton	[Kana and Glibert, 1987]	Kana 1987
25	1.69	picophytoplankton	[Binder and Liu, 1998]	Binder 1998
25	1.11	picophytoplankton	[Campbell and Carpenter, 1986]	Campbell 1986
-0.41	0.31	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
3.9	0.2	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
4.73	0.29	picophytoplankton	[Agawin et al., 1998]	Agawin 1998

6.06	0.24	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
7.19	0	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
7.6	0.63	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
10.07	0.55	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
10.68	0.29	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
11.1	0.03	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
11.61	0	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
13.15	0.25	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
13.15	0.52	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
13.66	0.46	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
13.15	0.85	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
14.38	0.81	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.1	0.69	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.1	0.6	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.1	0.54	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.1	0.26	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.1	0.1	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
15.82	1.1	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
16.13	1.1	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
16.13	1.05	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.39	0.99	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.6	1.01	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.49	0.92	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.18	0.46	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.6	0.65	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.8	0.69	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
19.11	0.67	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
19.11	0.55	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
19.11	0.84	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
19.11	1.11	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
18.7	1.23	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
19.83	0.42	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
20.14	0.33	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
21.16	0.38	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
20.86	0.5	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
20.65	0.59	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
21.16	0.6	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.09	0.58	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.19	0.43	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
23.32	0.38	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.81	0.59	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
23.12	0.65	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.07	0.48	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.07	0.6	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
26.1	0.58	picophytoplankton	[Agawin et al., 1998]	Agawin 1998

26.4	0.55	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.58	0.69	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.99	0.85	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.07	0.76	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
23.84	0.79	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.09	0.73	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.09	0.76	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.09	0.84	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
22.09	0.88	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
21.58	0.84	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.07	0.93	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
26.2	0.99	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
23.12	1.32	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.07	1.22	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
23.63	1.74	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
24.14	1.79	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.17	1.71	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.58	2	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
25.27	2.33	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
21.16	1.13	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
21.16	1.24	picophytoplankton	[Agawin et al., 1998]	Agawin 1998
6	0.32	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
9	0.23	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
12	0.68	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.95	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.99	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	1.38	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	1.62	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
25	0.81	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
12	0.21	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.62	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.65	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.81	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.72	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
25	0.89	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
9	0.02	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
12	0.35	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.38	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.41	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.44	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.21	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
6	0.14	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
12	0.35	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.37	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.41	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis

20	0.36	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.31	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
9	0.02	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
12	0.57	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.31	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.33	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.31	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
20	0.2	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
25	0.32	coccolithophores	[Buitenhuis et al., 2008]	Buitenhuis
15	0.87	coccolithophores	[Nielsen, 1995]	Nielsen,
17	0.99	coccolithophores	[Fritz and Balch, 1996]	Fritz
16	0.41	coccolithophores	[D. L. Muggli and Harrison, 1996]	Muggli
15	0.65	coccolithophores	[Riegman et al., 1998]	Riegman
15.3	1.2	coccolithophores	[Zondervan, 2001]	Zondervan
16	0.46	coccolithophores	[D. L. Muggli and Harrison, 1996]	Muggli
15	0.59	coccolithophores	[Riegman et al., 1998]	Riegman
17	0.99	coccolithophores	[Balch et al., 1996]	Balch
17	0.67	coccolithophores	[Fritz, 1999]	Fritz
20	0.8	coccolithophores	[Mjaaland, 1956]	Mjaaland
20	0.7	coccolithophores	[Mjaaland, 1956]	Mjaaland
18.24	1.23	coccolithophores	[Watabe and Wilbur, 1966]	Watabe
21	1.85	coccolithophores	[R. W. Eppley and P. R. Sloan, 1966]	Eppley
21.23	1.75	coccolithophores	[Paasche, 1967]	Paasche
20	1.36	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	1.18	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	0.91	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	1.36	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	1.89	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	1.53	coccolithophores	[Nelson and Brand, 1979]	Nelson
20	1.8	coccolithophores	[Brand, 1984]	Brand
20	1.87	coccolithophores	[Brand, 1984]	Brand
20	1.53	coccolithophores	[Brand, 1984]	Brand
20	1.14	coccolithophores	[Brand, 1984]	Brand
18.23	1.3	coccolithophores	[Fisher and Honjo, 1989]	Fisher
18	1.55	coccolithophores	[Fisher and Honjo, 1989]	Fisher
20	1.26	coccolithophores	[Paasche and Brubak, 1994]	Paasche
20	1.89	coccolithophores	[Rhodes et al., 1995]	Rhodes
20	1.26	coccolithophores	[W G Sunda and Huntsman, 1995]	Sunda
20	2	coccolithophores	[Paasche et al., 1996]	Paasche
20	1.93	coccolithophores	[Paasche et al., 1996]	Paasche
20	2	coccolithophores	[Paasche et al., 1996]	Paasche
20	1.1	coccolithophores	[Paasche et al., 1996]	Paasche

20	1.86	coccolithophores	[Paasche et al., 1996]	Paasche
20	1.5	coccolithophores	[Paasche et al., 1996]	Paasche
20	1.4	coccolithophores	[Paasche, 1998]	Paasche
23	0.9	coccolithophores	[van Rijssel and Gieskes, 2002]	Rijssel
17	0.7	coccolithophores	[Franklin et al., 2010]	D. Franklin
17	0.44	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.34	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.4	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.56	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.46	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.47	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.25	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.19	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.41	coccolithophores	[Franklin et al., 2010]	Franklin
17	0.49	coccolithophores	[Franklin et al., 2010]	Franklin
11.67	0.25	coccolithophores	[Blankley and Lewin, 1976]	Blankley
15.83	0.37	coccolithophores	[Blankley and Lewin, 1976]	Blankley
14.97	0.43	coccolithophores	[Blankley and Lewin, 1976]	Blankley
17.48	0.44	coccolithophores	[Blankley and Lewin, 1976]	Blankley
18.98	0.48	coccolithophores	[Blankley and Lewin, 1976]	Blankley
18.95	0.57	coccolithophores	[Blankley and Lewin, 1976]	Blankley
20.64	0.55	coccolithophores	[Blankley and Lewin, 1976]	Blankley
22.16	0.53	coccolithophores	[Blankley and Lewin, 1976]	Blankley
22.49	0.53	coccolithophores	[Blankley and Lewin, 1976]	Blankley
24.58	0.34	coccolithophores	[Blankley and Lewin, 1976]	Blankley
27.14	0.22	coccolithophores	[Blankley and Lewin, 1976]	Blankley
17	1.34	coccolithophores	[Price et al., 1998]	Price
17	1.8	coccolithophores	[Price et al., 1998]	Price
17	0.49	coccolithophores	[Price et al., 1998]	Price
17	0.76	coccolithophores	[Price et al., 1998]	Price
17	0.36	coccolithophores	[Price et al., 1998]	Price
17	0.49	coccolithophores	[Price et al., 1998]	Price
17	0.78	coccolithophores	[Price et al., 1998]	Price
17	0.46	coccolithophores	[Price et al., 1998]	Price
17	1.02	coccolithophores	[Price et al., 1998]	Price
17	0.78	coccolithophores	[Price et al., 1998]	Price
17	0.89	coccolithophores	[Price et al., 1998]	Price
17	0.87	coccolithophores	[Price et al., 1998]	Price
18	0.36	coccolithophores	[Parsons et al., 1961]	Parsons
15	0.38	coccolithophores	[Harris et al., 2005]	Harris
15	0.62	coccolithophores	[Harris et al., 2005]	Harris
15	0.7	coccolithophores	[Harris et al., 2005]	Harris
15	0.82	coccolithophores	[Harris et al., 2005]	Harris
17	0.48	coccolithophores	[Houdan et al., 2006]	Houdan
17	0.4	coccolithophores	[Houdan et al., 2006]	Houdan

17	0.78	coccolithophores	[Houdan et al., 2005]	Houdan
20	0.73	coccolithophores	[W Sunda et al., 2002]	Sunda
24	0.44	coccolithophores	[Vairavamurthy et al., 1985]	Vairavamurthy
15	0.7	coccolithophores	[Wolfe and Steinke, 1996]	Wolfe
15	0.47	coccolithophores	[Wolfe and Steinke, 1996]	Wolfe
15	0.8	coccolithophores	[Steinke et al., 1998]	Steinke
15	0.72	coccolithophores	[Steinke et al., 1998]	Steinke
15	0.82	coccolithophores	[Steinke et al., 1998]	Steinke
15	0.67	coccolithophores	[Steinke et al., 1998]	Steinke
15	0.62	coccolithophores	[Steinke et al., 1998]	Steinke
15	0.82	coccolithophores	[Steinke et al., 1998]	Steinke
5	0.09	coccolithophores	[Langer et al., 2007]	Langer
11	0.39	coccolithophores	[Langer et al., 2007]	Langer
15	0.71	coccolithophores	[Langer et al., 2007]	Langer
20	1.16	coccolithophores	[Langer et al., 2007]	Langer
20	0.55	coccolithophores	[Feng et al., 2008]	Feng
24	0.63	coccolithophores	[Feng et al., 2008]	Feng
16	0.47	coccolithophores	[Brand, 1982]	Brand
26	0.7	coccolithophores	[Brand, 1982]	Brand
16	0.36	coccolithophores	[Brand, 1982]	Brand
24	0.3	coccolithophores	[Brand and Guillard, 1981]	Brand
24	0.81	coccolithophores	[Brand and Guillard, 1981]	Brand
24	0.72	coccolithophores	[Brand and Guillard, 1981]	Brand
24	0.75	coccolithophores	[Brand and Guillard, 1981]	Brand
10.5	0.75	coccolithophores	[Varela and Harrison, 1999]	Varela
17	1.9	coccolithophores	[Price et al., 1998]	Price
17	0.34	coccolithophores	[Price et al., 1998]	Price
17	0.69	coccolithophores	[Price et al., 1998]	Price
17	1.8	coccolithophores	[Price et al., 1998]	Price
17	0.76	coccolithophores	[Price et al., 1998]	Price
17	0.76	coccolithophores	[Price et al., 1998]	Price
17	0.86	coccolithophores	[Price et al., 1998]	Price
17	0.97	coccolithophores	[Price et al., 1998]	Price
17	0.48	coccolithophores	[Price et al., 1998]	Price
17	0.48	coccolithophores	[Lecourt et al., 1996]	Lecourt
15	1.1	coccolithophores	[Buitenhuis et al., 1999]	Buitenhuis
15	0.87	coccolithophores	[Nielsen, 1997]	Nielsen
20	1.61	coccolithophores	[Paasche, 1999]	Paasche
20	1.21	coccolithophores	[Paasche, 1999]	Paasche
17	0.42	coccolithophores	[Lecourt et al., 1996]	Lecourt
17	0.49	coccolithophores	[Lecourt et al., 1996]	Lecourt
12	0.046	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
11.9	0.336	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
12.2	0.132	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
15	0.674	coccolithophores	S. Larsen this paper	Larsen in prep. sal=



16.1	0.598	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
16.3	0.578	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
17.3	0.914	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
23	0.715	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.1	0.605	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.8	0.732	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25	0.482	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.2	0.578	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.6	0.091	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26.2	0	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26.2	0.425	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26.3	0.727	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
27.3	0.19	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
27.5	0.312	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
27.8	0.35	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
15.2	0.295	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
15.1	0.348	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
16.5	1.01	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
19.8	0.845	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
21.4	0.962	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
21.6	0.958	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
22.6	0.852	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24	0.782	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24	0.84	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24	0.766	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.6	0.739	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.1	0.492	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.3	0.924	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.8	0.691	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.3	0.785	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26	0.67	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
27	0.778	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
28.2	0.473	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
12.2	0.47	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
13.5	0.42	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
19.1	0.876	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
21	0.886	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
21.1	0.773	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
23.2	0.962	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.1	0.89	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.7	0.859	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
24.9	0.79	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.6	0.715	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
25.7	0.977	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26	0.559	coccolithophores	S. Larsen this paper	Larsen in prep. sal=

26.5	1.171	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
26.6	0.682	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
27	0.396	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
28	0.185	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
28.2	0.602	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
28.6	0.046	coccolithophores	S. Larsen this paper	Larsen in prep. sal=
19.8	0.8459	coccolithophores	S. Larsen this paper	
21.4	0.9624	coccolithophores	S. Larsen this paper	
13.0	0.4024	coccolithophores	S. Larsen this paper	
21.4	0.9624	coccolithophores	S. Larsen this paper	
22.6	0.8508	coccolithophores	S. Larsen this paper	
24.0	0.7823	coccolithophores	S. Larsen this paper	
24.0	0.7653	coccolithophores	S. Larsen this paper	
24.6	0.7382	coccolithophores	S. Larsen this paper	
25.3	0.9234	coccolithophores	S. Larsen this paper	
25.8	0.6920	coccolithophores	S. Larsen this paper	
28.2	0.4723	coccolithophores	S. Larsen this paper	
15.2	0.2949	coccolithophores	S. Larsen this paper	
15.1	0.3470	coccolithophores	S. Larsen this paper	
21.6	0.9575	coccolithophores	S. Larsen this paper	
24.0	0.8404	coccolithophores	S. Larsen this paper	
25.1	0.4931	coccolithophores	S. Larsen this paper	
25.3	0.7845	coccolithophores	S. Larsen this paper	
26.0	0.6701	coccolithophores	S. Larsen this paper	
27.0	0.7782	coccolithophores	S. Larsen this paper	
29.3	0.2076	coccolithophores	S. Larsen this paper	
28.2	0.1747	coccolithophores	S. Larsen this paper	
26.5	0.6862	coccolithophores	S. Larsen this paper	
24.0	0.8492	coccolithophores	S. Larsen this paper	
16.3	0.5814	coccolithophores	S. Larsen this paper	
10.6	0.0678	coccolithophores	S. Larsen this paper	
28.3	0.0580	coccolithophores	S. Larsen this paper	
28.5	0.5740	coccolithophores	S. Larsen this paper	
27.0	0.5534	coccolithophores	S. Larsen this paper	
24.3	0.7056	coccolithophores	S. Larsen this paper	
19.3	0.6050	coccolithophores	S. Larsen this paper	
11.2	0.1324	coccolithophores	S. Larsen this paper	
28.7	0.3523	coccolithophores	S. Larsen this paper	
28.8	0.3838	coccolithophores	S. Larsen this paper	
27.2	0.6385	coccolithophores	S. Larsen this paper	
24.4	0.6242	coccolithophores	S. Larsen this paper	
20.2	1.0961	coccolithophores	S. Larsen this paper	
12.0	0.5724	coccolithophores	S. Larsen this paper	
28.8	0.4869	coccolithophores	S. Larsen this paper	
28.5	0.6829	coccolithophores	S. Larsen this paper	

27.0	0.6657	coccolithophores	S. Larsen this paper	
24.4	0.5925	coccolithophores	S. Larsen this paper	
20.3	0.8214	coccolithophores	S. Larsen this paper	
12.5	0.2821	coccolithophores	S. Larsen this paper	
29.0	0.3312	coccolithophores	S. Larsen this paper	
28.2	0.3762	coccolithophores	S. Larsen this paper	
26.7	0.6932	coccolithophores	S. Larsen this paper	
24.3	1.0252	coccolithophores	S. Larsen this paper	
20.3	0.7050	coccolithophores	S. Larsen this paper	
13.4	0.1664	coccolithophores	S. Larsen this paper	
28.6	0.0888	coccolithophores	S. Larsen this paper	
27.7	0.5809	coccolithophores	S. Larsen this paper	
23.9	0.8803	coccolithophores	S. Larsen this paper	
20.2	0.8303	coccolithophores	S. Larsen this paper	
13.2	0.2063	coccolithophores	S. Larsen this paper	
28.7	0.1989	coccolithophores	S. Larsen this paper	
25.8	0.7155	coccolithophores	S. Larsen this paper	
23.5	0.9579	coccolithophores	S. Larsen this paper	
19.9	1.0847	coccolithophores	S. Larsen this paper	
13.6	0.4271	coccolithophores	S. Larsen this paper	
29.6	0.6376	coccolithophores	S. Larsen this paper	
27.0	0.1591	coccolithophores	S. Larsen this paper	
25.4	0.4174	coccolithophores	S. Larsen this paper	
22.8	0.7160	coccolithophores	S. Larsen this paper	
19.4	1.0127	coccolithophores	S. Larsen this paper	
13.6	0.3833	coccolithophores	S. Larsen this paper	
28.7	0.3649	coccolithophores	S. Larsen this paper	
26.5	0.5713	coccolithophores	S. Larsen this paper	
24.9	0.6469	coccolithophores	S. Larsen this paper	
22.4	0.6823	coccolithophores	S. Larsen this paper	
18.7	0.6153	coccolithophores	S. Larsen this paper	
12.1	0.5290	coccolithophores	S. Larsen this paper	
28.5	0.4952	coccolithophores	S. Larsen this paper	
26.0	0.7733	coccolithophores	S. Larsen this paper	
24.1	0.6349	coccolithophores	S. Larsen this paper	
22.3	0.6849	coccolithophores	S. Larsen this paper	
18.4	0.7510	coccolithophores	S. Larsen this paper	
11.4	0.2085	coccolithophores	S. Larsen this paper	
25.4	0.7631	coccolithophores	S. Larsen this paper	
23.2	0.7679	coccolithophores	S. Larsen this paper	
20.4	0.7645	coccolithophores	S. Larsen this paper	
16.4	0.7675	coccolithophores	S. Larsen this paper	
17.7	0.8446	coccolithophores	S. Larsen this paper	
10.1	0.1304	coccolithophores	S. Larsen this paper	
26.5	0.4933	coccolithophores	S. Larsen this paper	

24.0	0.5378	coccolithophores	S. Larsen this paper	
21.7	0.7883	coccolithophores	S. Larsen this paper	
17.5	0.8451	coccolithophores	S. Larsen this paper	
9.5	0.1304	coccolithophores	S. Larsen this paper	
13.5	0.1883	coccolithophores	S. Larsen this paper	
25.5	0.3339	coccolithophores	S. Larsen this paper	
25.0	0.3403	coccolithophores	S. Larsen this paper	
13.3	0.4950	coccolithophores	S. Larsen this paper	
19.0	0.7866	coccolithophores	S. Larsen this paper	
23.1	0.8308	coccolithophores	S. Larsen this paper	
24.0	0.3284	coccolithophores	S. Larsen this paper	
25.4	0.2829	coccolithophores	S. Larsen this paper	
26.1	0.4551	coccolithophores	S. Larsen this paper	
27.3	0.6550	coccolithophores	S. Larsen this paper	
11.2	0.2248	coccolithophores	S. Larsen this paper	
20.4	0.7084	coccolithophores	S. Larsen this paper	
18.3	0.7378	coccolithophores	S. Larsen this paper	
17.8	0.8081	coccolithophores	S. Larsen this paper	
25.1	0.5980	coccolithophores	S. Larsen this paper	
27.1	0.7039	coccolithophores	S. Larsen this paper	
12.8	0.2861	coccolithophores	S. Larsen this paper	
27.2	0.2491	coccolithophores	S. Larsen this paper	
13.4	0.3289	coccolithophores	S. Larsen this paper	
11.0	0.2119	coccolithophores	S. Larsen this paper	
11.4	0.1965	coccolithophores	S. Larsen this paper	
12.9	0.1661	coccolithophores	S. Larsen this paper	
13.2	0.1335	coccolithophores	S. Larsen this paper	
13.7	0.2511	coccolithophores	S. Larsen this paper	
13.4	0.2381	coccolithophores	S. Larsen this paper	
13.4	0.2389	coccolithophores	S. Larsen this paper	
12.2	0.2084	coccolithophores	S. Larsen this paper	
11.3	0.06	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
11.4	0.06	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
16.3	0.15	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
16.4	0.16	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
20.3	0.22	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
20.6	0.21	mixed- phytoplankton	[Jensen and Moestrup, 1997]	Jensen, 1997
8.5	0.12	mixed- phytoplankton	[Watras et al., 1982]	Watras, 1982
8.5	0.18	mixed- phytoplankton	[Watras et al., 1982]	Watras, 1982
8.5	0.2	mixed-	[Watras et al., 1982]	Watras, 1982

		phytoplankton		
8.5	0.214	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
8.5	0.223	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
10.5	0.22	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
10.5	0.24	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
10.5	0.26	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
13	0.28	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
13	0.342	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
13	0.382	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
13	0.402	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
13	0.42	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
16	0.322	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
16	0.361	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
16	0.369	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
16	0.42	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
18	0.341	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
18	0.36	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
18	0.402	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
18	0.44	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
20	0.38	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
20	0.44	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
20	0.475	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
20	0.48	mixed-phytoplankton	[ <i>Watras et al., 1982</i> ]	Watras, 1982
15	0.15	mixed-phytoplankton	[ <i>Meeson and Sweeney, 1982</i> ]	Meeson, B.W. & Sweeney, B.M. 1982
20	0.21	mixed-phytoplankton	[ <i>Meeson and Sweeney, 1982</i> ]	Meeson, B.W. & Sweeney, B.M. 1982
15	0.15	mixed-phytoplankton	[ <i>Meeson and Sweeney, 1982</i> ]	Meeson, B.W. & Sweeney, B.M. 1982
20	0.26	mixed-phytoplankton	[ <i>Meeson and Sweeney, 1982</i> ]	Meeson, B.W. & Sweeney, B.M. 1982
4	0.25	mixed-phytoplankton	[ <i>Lomas and Glibert, 1999</i> ]	Lomas, M.W. & Glibert, P.M. 1999

10	0.45	mixed-phytoplankton	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
20	0.95	mixed-phytoplankton	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
15	0.08	mixed-phytoplankton	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
20	0.58	mixed-phytoplankton	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
8	0.3	mixed-phytoplankton	[Aelion and Chisholm, 1985]	Aelion, 1985
11.4	0.425	mixed-phytoplankton	[Aelion and Chisholm, 1985]	Aelion, 1985
16.4	0.54	mixed-phytoplankton	[Aelion and Chisholm, 1985]	Aelion, 1985
18.8	0.59	mixed-phytoplankton	[Aelion and Chisholm, 1985]	Aelion, 1985
21.1	0.625	mixed-phytoplankton	[Aelion and Chisholm, 1985]	Aelion, 1985
16	0.11	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
17.8	0.13	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
19.7	0.15	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
21.6	0.16	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
23.4	0.16	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
25.1	0.18	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
27	0.21	mixed-phytoplankton	[Karwath et al., 2000]	Karwath, 2000
7	0.17	mixed-phytoplankton	[Nielsen, 1996]	Nielsen, 1996
10	0.25	mixed-phytoplankton	[Nielsen, 1996]	Nielsen, 1996
15	0.45	mixed-phytoplankton	[Nielsen, 1996]	Nielsen, 1996
20	0.57	mixed-phytoplankton	[Nielsen, 1996]	Nielsen, 1996
12.3	0.44	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
16	0.94	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
19.5	1.10	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
20	1.23	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
21	1.32	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
25	1.61	mixed-phytoplankton	[Eppley and Coatswor.JI, 1966]	Eppley, 1966
24	1.18	mixed-phytoplankton	[Morris and Glover, 1974]	Morris, I. & Glover, H.E. 1974
18	1.11	mixed-	[Morris and Glover, 1974]	Morris, I. & Glover, H.E. 1974

		phytoplankton		
12	0.49	mixed-phytoplankton	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
9	0.46	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.52	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.45	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.81	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.68	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.74	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.70	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.87	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	1.12	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.60	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.62	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.66	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.71	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.68	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.65	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.76	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.66	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.66	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.63	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.81	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.71	mixed-phytoplankton	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
-1.5	0.77	mixed-phytoplankton		Choi, J.W. & Peters, F 1992
12	0.477	mixed-phytoplankton	[ <i>Sosik and Mitchell, 1994</i> ]	Sosik, 1994
12	0.538	mixed-phytoplankton	[ <i>Sosik and Mitchell, 1994</i> ]	Sosik, 1994
16	0.991	mixed-phytoplankton	[ <i>Sosik and Mitchell, 1994</i> ]	Sosik, 1994
16	0.996	mixed-phytoplankton	[ <i>Sosik and Mitchell, 1994</i> ]	Sosik, 1994

18	1.15	mixed-phytoplankton	[Sosik and Mitchell, 1994]	Sosik, 1994
18	1.17	mixed-phytoplankton	[Sosik and Mitchell, 1994]	Sosik, 1994
28	2.19	mixed-phytoplankton	[Sosik and Mitchell, 1994]	Sosik, 1994
28	2.24	mixed-phytoplankton	[Sosik and Mitchell, 1994]	Sosik, 1994
-1.7	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
0.0	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
0.0	0.4	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
0.0	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
0.0	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
1.8	0.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
1.8	0.4	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
1.8	0.5	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
1.8	0.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
1.3	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
0.9	1.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	1.5	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	1.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	0.5	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	0.5	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
3.9	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
4.8	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
4.8	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
5.2	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
5.9	0.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
5.7	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
5.9	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
5.9	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
6.8	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
6.8	0.8	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
6.8	0.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
6.8	0.5	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
7.4	1.0	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
7.9	1.0	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	0.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	1.0	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	1.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.3	1.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	1.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
9.9	1.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3



11.8	0.8	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.8	0.9	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.8	1.0	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.8	1.0	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.7	1.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.7	1.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
11.7	1.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
12.8	0.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
13.8	1.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
13.8	1.4	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
13.8	1.8	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
14.9	2.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
14.8	2.8	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
17.8	1.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
17.8	1.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	0.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	1.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	1.4	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	1.6	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	1.7	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.9	2.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.8	2.2	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
19.8	2.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
21.7	0.8	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
24.9	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
24.9	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
29.9	0.3	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
29.9	0.1	<i>Phaeocystis</i>	[Schoemann et al., 2005]	digitised from Fig. 3
7	0.693	diatoms	[Jørgensen, 1968]	{Jorgensen, 1968 #52}
15	1.317	diatoms	[Jørgensen, 1968]	{Jorgensen, 1968 #52}
20	1.594	diatoms	[Jørgensen, 1968]	{Jorgensen, 1968 #52}
20	0.550	diatoms	[Blasco et al., 1982]	Blasco et al., 1982
20	0.620	diatoms	[Blasco et al., 1982]	Blasco et al., 1982
20	1.010	diatoms	[Blasco et al., 1982]	Blasco et al., 1982
15	2.100	diatoms	[Burkhardt and Riebesell, 1997]	Burkhardt and Riebesell - 1997
15	0.341	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	0.527	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	0.863	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	0.893	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.381	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.525	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.553	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.625	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.672	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999

15	1.770	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	1.821	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
15	2.059	diatoms	[Burkhardt et al., 1999]	Burkhardt et al. - 1999
8	0.364	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
8	0.500	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
8	0.652	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
8	0.811	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
10	0.545	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
10	0.712	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
10	0.727	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
10	0.879	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
14	0.583	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
14	0.758	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
14	0.833	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
14	0.955	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
17	0.409	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
17	0.727	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
17	0.788	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
17	0.894	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
20	0.000	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
20	0.212	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
20	0.500	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
20	0.576	diatoms	[El-Sabaawi and Harrison, 2006]	El Sabaawi and Harrison_2006
20	0.360	diatoms	[R. W. Eppley and P. R. Sloan, 1966]	Eppley and Sloan, 1966
20	0.480	diatoms	[R. W. Eppley and P. R. Sloan, 1966]	Eppley and Sloan, 1966
20	0.720	diatoms	[Goldman et al., 1992]	Goldman et al. - 1992
20	0.870	diatoms	[Goldman et al., 1992]	Goldman et al. - 1992
20	1.120	diatoms	[Goldman et al., 1992]	Goldman et al. - 1992
20	1.536	diatoms	[Harrison and Morel, 1986]	Harrison and Morel - 1996
10	1.109	diatoms	[Jørgensen, 1968]	Jorgensen, 1968
0	0.320	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.320	diatoms	[Karsten et al., 2006]	Karsten 2006

0	0.340	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.340	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.340	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.347	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.356	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.358	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.368	diatoms	[Karsten et al., 2006]	Karsten 2006
0	0.379	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.400	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.460	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.463	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.491	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.500	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.537	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.539	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.560	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.560	diatoms	[Karsten et al., 2006]	Karsten 2006
5	0.587	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.511	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.649	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.680	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.767	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.826	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.905	diatoms	[Karsten et al., 2006]	Karsten 2006
10	0.940	diatoms	[Karsten et al., 2006]	Karsten 2006
10	1.120	diatoms	[Karsten et al., 2006]	Karsten 2006
10	1.160	diatoms	[Karsten et al., 2006]	Karsten 2006
10	1.200	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.511	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.649	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.680	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.846	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.940	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.944	diatoms	[Karsten et al., 2006]	Karsten 2006
15	0.984	diatoms	[Karsten et al., 2006]	Karsten 2006
15	1.120	diatoms	[Karsten et al., 2006]	Karsten 2006
15	1.160	diatoms	[Karsten et al., 2006]	Karsten 2006
15	1.240	diatoms	[Karsten et al., 2006]	Karsten 2006
20	1.700	diatoms	[Kudo et al., 2000]	Kudo et al. - 2000
10	1.070	diatoms	[Kudo et al., 2000]	Kudo, I. et al. 2000
2	0.000	diatoms	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
4	0.420	diatoms	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
10	0.540	diatoms	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
20	1.220	diatoms	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M. 1999
10	0.430	diatoms	[Lomas and Glibert, 1999]	Lomas, M.W. & Glibert, P.M.

				1999
20	1.060	diatoms	[ <i>Lomas and Glibert, 1999</i> ]	Lomas, M.W. & Glibert, P.M. 1999
20	0.800	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.100	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.100	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.200	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.200	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.400	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.400	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.400	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.400	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.500	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	1.900	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
20	2.200	diatoms	[ <i>Maldonado and Price, 1996</i> ]	Maldonado and Price - 1996
18.5	0.850	diatoms	[ <i>Milligan and Harrison, 2000</i> ]	Milligan and Harrison - 2000
8	0.114	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.132	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.161	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.405	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.422	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.444	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
8	0.513	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.290	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.357	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.371	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.420	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.455	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.468	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.514	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.523	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.562	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.580	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
10	0.437	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
10	0.448	diatoms	[ <i>Montagnes and Franklin,</i>	Montagnes, 2001

			2001]	
10	0.457	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
12	0.543	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
12	0.632	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
12	0.693	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.243	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.273	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.329	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.340	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.390	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.398	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.409	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.442	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.519	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.521	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.553	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.577	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.618	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.642	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.681	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.697	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.706	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.771	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.778	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.808	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.554	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.608	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.675	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001

16	0.687	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.716	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.718	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.768	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.875	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.904	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16	0.970	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.305	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.322	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.370	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.592	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.632	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.650	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.656	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.661	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
16.5	0.673	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
17	0.845	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
17	1.150	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.443	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.579	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.608	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.708	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.713	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.722	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.725	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.725	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.746	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.749	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001

			2001]	
20	0.839	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.854	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.885	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.902	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	0.922	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	1.215	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	1.310	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
20	1.383	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.561	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.644	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.715	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.731	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.744	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.746	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.769	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	0.811	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	1.367	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
25	1.845	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.150	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.152	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
9	0.179	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.555	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.575	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
13	0.616	diatoms	[ <i>Montagnes and Franklin, 2001</i> ]	Montagnes, 2001
7	0.169	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
7	0.240	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
7	0.263	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
7	0.530	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
12	0.210	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974

12	0.491	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
12	0.514	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
12	1.159	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
18	0.213	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
18	0.574	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
18	1.320	diatoms	[ <i>Morris and Glover, 1974</i> ]	Morris, I. & Glover, H.E. 1974
16	0.540	diatoms	[ <i>D. L. Muggli and Harrison, 1997</i> ]	Muggli and Harrison 1997
16	0.418	diatoms	[ <i>Deborah L. Muggli et al., 1996</i> ]	Muggli et al. 1996
16	0.461	diatoms	[ <i>Deborah L. Muggli et al., 1996</i> ]	Muggli et al. 1996
20	0.650	diatoms	[ <i>Schone, 1982</i> ]	Schone, 1982
20	0.690	diatoms	[ <i>Schone, 1982</i> ]	Schone, 1982
20	0.780	diatoms	[ <i>Schone, 1982</i> ]	Schone, 1982
20	1.370	diatoms	[ <i>Schone, 1982</i> ]	Schone, 1982
20	0.900	diatoms	[ <i>W G Sunda and Huntsman, 1995</i> ]	Sunda and Huntsman - 1995
20	1.600	diatoms	[ <i>W G Sunda and Huntsman, 1995</i> ]	Sunda and Huntsman - 1995
20	1.800	diatoms	[ <i>W G Sunda and Huntsman, 1995</i> ]	Sunda and Huntsman - 1995
-2	0.343	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
-1.8	0.318	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
-1.8	0.354	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.173	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.177	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.187	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.193	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.238	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.262	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.267	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.280	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.320	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.364	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.406	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.427	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.450	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.482	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.483	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.488	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.512	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.515	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.516	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.536	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.538	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
0	0.597	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
2	0.432	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995
2	0.447	diatoms	[ <i>Suzuki and Takahashi, 1995</i> ]	Suzuki and Takahashi - 1995







30	0.000	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	0.853	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	0.867	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	0.872	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	0.878	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	0.892	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	1.054	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	1.061	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
30	1.196	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
35	0.000	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
35	0.000	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
35	0.160	diatoms	[Suzuki and Takahashi, 1995]	Suzuki and Takahashi - 1995
18	3.600	diatoms	[P. A. Thompson, 1999]	Thompson - 1999
10	0.650	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
10	0.670	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
10	0.690	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
10	0.740	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
10	0.960	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
15	1.100	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
15	1.190	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
15	1.250	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
15	1.370	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
15	1.870	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
17.5	1.220	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
17.5	1.540	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
17.5	1.840	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
17.5	1.950	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
17.5	2.000	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
20	1.330	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
20	1.470	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
20	1.520	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
20	1.670	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
20	1.710	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992

25	1.010	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
25	1.560	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
25	2.230	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
25	2.350	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
25	3.390	diatoms	[Peter A. Thompson et al., 1992]	Thompson et al. 1992
0	0.057	diatoms	[Yoder, 1979]	Yolder 1979
0	0.141	diatoms	[Yoder, 1979]	Yolder 1979
0	0.414	diatoms	[Yoder, 1979]	Yolder 1979
0	0.434	diatoms	[Yoder, 1979]	Yolder 1979
0	0.453	diatoms	[Yoder, 1979]	Yolder 1979
0	0.457	diatoms	[Yoder, 1979]	Yolder 1979
0	0.461	diatoms	[Yoder, 1979]	Yolder 1979
0	0.463	diatoms	[Yoder, 1979]	Yolder 1979
0	0.465	diatoms	[Yoder, 1979]	Yolder 1979
5	0.182	diatoms	[Yoder, 1979]	Yolder 1979
5	0.210	diatoms	[Yoder, 1979]	Yolder 1979
5	0.518	diatoms	[Yoder, 1979]	Yolder 1979
5	0.671	diatoms	[Yoder, 1979]	Yolder 1979
5	0.826	diatoms	[Yoder, 1979]	Yolder 1979
5	0.869	diatoms	[Yoder, 1979]	Yolder 1979
5	0.907	diatoms	[Yoder, 1979]	Yolder 1979
5	0.924	diatoms	[Yoder, 1979]	Yolder 1979
5	0.935	diatoms	[Yoder, 1979]	Yolder 1979
5	0.942	diatoms	[Yoder, 1979]	Yolder 1979
10	0.090	diatoms	[Yoder, 1979]	Yolder 1979
10	0.180	diatoms	[Yoder, 1979]	Yolder 1979
10	0.333	diatoms	[Yoder, 1979]	Yolder 1979
10	0.633	diatoms	[Yoder, 1979]	Yolder 1979
10	0.874	diatoms	[Yoder, 1979]	Yolder 1979
10	1.091	diatoms	[Yoder, 1979]	Yolder 1979
10	1.115	diatoms	[Yoder, 1979]	Yolder 1979
10	1.189	diatoms	[Yoder, 1979]	Yolder 1979
10	1.425	diatoms	[Yoder, 1979]	Yolder 1979
10	1.613	diatoms	[Yoder, 1979]	Yolder 1979
16	0.390	diatoms	[Yoder, 1979]	Yolder 1979
16	0.538	diatoms	[Yoder, 1979]	Yolder 1979
16	0.900	diatoms	[Yoder, 1979]	Yolder 1979
16	1.436	diatoms	[Yoder, 1979]	Yolder 1979
16	1.502	diatoms	[Yoder, 1979]	Yolder 1979
16	1.739	diatoms	[Yoder, 1979]	Yolder 1979
16	2.019	diatoms	[Yoder, 1979]	Yolder 1979
16	2.068	diatoms	[Yoder, 1979]	Yolder 1979
16	2.179	diatoms	[Yoder, 1979]	Yolder 1979
16	2.522	diatoms	[Yoder, 1979]	Yolder 1979

16	2.616	diatoms	[Yoder, 1979]	Yolder 1979
16	2.859	diatoms	[Yoder, 1979]	Yolder 1979
16	3.152	diatoms	[Yoder, 1979]	Yolder 1979
16	3.408	diatoms	[Yoder, 1979]	Yolder 1979
22	0.789	diatoms	[Yoder, 1979]	Yolder 1979
22	1.577	diatoms	[Yoder, 1979]	Yolder 1979
22	2.085	diatoms	[Yoder, 1979]	Yolder 1979
22	2.366	diatoms	[Yoder, 1979]	Yolder 1979
22	3.099	diatoms	[Yoder, 1979]	Yolder 1979
22	3.099	diatoms	[Yoder, 1979]	Yolder 1979
22	3.606	diatoms	[Yoder, 1979]	Yolder 1979
22	3.634	diatoms	[Yoder, 1979]	Yolder 1979
22	3.718	diatoms	[Yoder, 1979]	Yolder 1979

### References:

- Aelion, C. M., and S. W. Chisholm (1985), Effect of Temperature on Growth and Ingestion Rates of *Favella* Sp, *J. Plankton Res.*, 7(6), 821-830.
- Agawin, N. S. R., C. M. Duarte, and S. Agusti (1998), Growth and abundance of *Synechococcus* sp. in a Mediterranean Bay: seasonality and relationship with temperature, *Mar Ecol-Prog Ser*, 170, 45-53.
- Balch, W. M., J. Fritz, and E. Fernandez (1996), Decoupling of calcification and photosynthesis in the coccolithophore *Emiliana huxleyi* under steady-state light-limited growth, *Mar Ecol-Prog Ser*, 142(1-3), 87-97.
- Berman-Frank, I., J. T. Cullen, Y. Shaked, R. M. Sherrell, and P. G. Falkowski (2001), Iron availability, cellular iron quotas, and nitrogen fixation in *Trichodesmium*, *Limnology and Oceanography*, 46(6), 1249-1260.
- Binder, B. J., and Y. C. Liu (1998), Growth rate regulation of rRNA content of a marine *Synechococcus* (Cyanobacterium) strain, *Appl Environ Microb*, 64(9), 3346-3351.
- Blankley, W. F., and R. A. Lewin (1976), TEMPERATURE RESPONSES OF A COCCOLITHOPHORID, *CRICOSPHAERA-CARTERAE*, MEASURED IN A SIMPLE AND INEXPENSIVE THERMAL-GRADIENT DEVICE, *Limnology and Oceanography*, 21(3), 457-462.
- Blasco, D., T. T. Packard, and P. C. Garfield (1982), Size dependence of growth rate, respiratory electron transport system activity, and chemical composition in marine diatoms in the laboratory, *J Phycol*, 18(1), 58-63.
- Brand, L. E. (1982), GENETIC-VARIABILITY AND SPATIAL PATTERNS OF GENETIC DIFFERENTIATION IN THE REPRODUCTIVE RATES OF THE MARINE COCCOLITHOPHORES *EMILIANA-HUXLEYI* AND *GEPHYROCAPSA-OCEANICA*, *Limnology and Oceanography*, 27(2), 236-245.
- Brand, L. E. (1984), THE SALINITY TOLERANCE OF 46 MARINE-PHYTOPLANKTON ISOLATES, *Estuarine Coastal and Shelf Science*, 18(5), 543-556.

- Brand, L. E., and R. R. L. Guillard (1981), THE EFFECTS OF CONTINUOUS LIGHT AND LIGHT-INTENSITY ON THE REPRODUCTION RATES OF 22 SPECIES OF MARINE-PHYTOPLANKTON, *Journal of Experimental Marine Biology and Ecology*, 50(2-3), 119-132.
- Breitbarth, E., A. Oschlies, and J. LaRoche (2007), Physiological constraints on the global distribution of Trichodesmium - effect of temperature on diazotrophy, *Biogeosciences*, 4(1), 53-61.
- Buitenhuis, E. T., H. J. W. de Baar, and M. J. W. Veldhuis (1999), Photosynthesis and calcification by *Emiliana huxleyi* (Prymnesiophyceae) as a function of inorganic carbon species, *J Phycol*, 35(5), 949-959.
- Buitenhuis, E. T., T. Pangerc, D. J. Franklin, C. Le Quéré, and G. Malin (2008), Growth rates of six coccolithophorid strains as a function of temperature, *Limnology and Oceanography*, 53(3), 1181-1185.
- Burkhardt, S., and U. Riebesell (1997), CO<sub>2</sub> availability affects elemental composition (C:N:P) of the marine diatom *Skeletonema costatum*, *Marine ecology progress series*, 155, 67-76.
- Burkhardt, S., I. Zondervan, and U. Riebesell (1999), Effect of CO<sub>2</sub> concentration on C: N: P ratio in marine phytoplankton: A species comparison, *Limnol. Oceanogr*, 44(3), 683-690.
- Campbell, L., and E. J. Carpenter (1986), Diel Patterns of Cell-Division in Marine *Synechococcus* Spp (Cyanobacteria) - Use of the Frequency of Dividing Cells Technique to Measure Growth-Rate, *Mar Ecol-Prog Ser*, 32(2-3), 139-148.
- Carpenter, E. J., and J. J. McCarthy (1975), Nitrogen-Fixation and Uptake of Combined Nitrogenous Nutrients by *Oscillatoria* (Trichodesmium) Thiebautii in Western Sargasso Sea, *Limnology and Oceanography*, 20(3), 389-401.
- Carpenter, E. J., and C. C. Price (1976), Marine *Oscillatoria* (Trichodesmium) - Explanation for Aerobic Nitrogen-Fixation without Heterocysts, *Science*, 191(4233), 1278-1280.
- Carpenter, E. J., and C. C. Price (1977), Nitrogen-Fixation, Distribution, and Production of *Oscillatoria*-(Trichodesmium) Spp in Western Sargasso and Caribbean Seas, *Limnology and Oceanography*, 22(1), 60-72.
- Carpenter, E. J., and J. S. Lively (1980), Review of estimates of algal growth using carbon-14 techniques, in *Primary Production in the Sea*, edited by P. Falkowski, pp. 161-178, Plenum Press, Brookhaven Symposium.
- Carpenter, E. J., J. M. Oneil, R. Dawson, D. G. Capone, P. J. A. Siddiqui, T. Roenneberg, and B. Bergman (1993), The Tropical Diazotrophic Phytoplankter Trichodesmium - Biological Characteristics of 2 Common Species, *Mar Ecol-Prog Ser*, 95(3), 295-304.
- El-Sabaawi, R., and P. J. Harrison (2006), Interactive effects of irradiance and temperature on the photosynthetic physiology of the pennate diatoms *Pseudo-nitzschia granii* (Bacillariophyceae) from the northeast subarctic pacific., *J Phycol*, 42, 778-785.
- Eppley, R. W., and P. R. Sloan (1966), GROWTH RATES OF MARINE PHYTOPLANKTON - CORRELATION WITH LIGHT ABSORPTION BY CELL CHLOROPHYLL ALPHA, *Physiologia Plantarum*, 19(1), 47-&.
- Eppley, R. W., and P. R. Sloan (1966), Growth Rates of Marine Phytoplankton: Correlation with Light Absorption by Cell Chlorophyll *a*, *Physiologia Plantarum*, 19(1), 47-59.

- Eppley, R. W., and Coatsworth, J. (1966), Culture of Marine Phytoplankton *Dunaliella tertiolecta* with Light-Dark Cycles, *Archiv Fur Mikrobiologie*, 55(1), 66-8.
- Feng, Y., M. E. Warner, Y. Zhang, J. Sun, F. X. Fu, J. M. Rose, and D. A. Hutchins (2008), Interactive effects of increased pCO<sub>2</sub>, temperature and irradiance on the marine coccolithophore *Emiliana huxleyi* (Prymnesiophyceae), *European Journal of Phycology*, 43(1), 87-98.
- Fisher, N. S., and S. Honjo (1989), Intraspecific differences in temperature and salinity responses in the coccolithophore *Emiliana huxleyi*, *Biological Oceanography*, 6, 355-361.
- Franklin, D. J., M. Steinke, J. Young, I. Probert, and G. Malin (2010), Dimethylsulphoniopropionate (DMSP), DMSP-lyase activity (DLA) and dimethylsulphide (DMS) in 10 species of coccolithophore, *Mar Ecol-Prog Ser*, 410, 13-23.
- Fritz, J. J. (1999), Carbon fixation and coccolith detachment in the coccolithophore *Emiliana huxleyi* in nitrate-limited cyclostats, *Marine Biology*, 133(3), 509-518.
- Fritz, J. J., and W. M. Balch (1996), A light-limited continuous culture study of *Emiliana huxleyi*: Determination of coccolith detachment and its relevance to cell sinking, *Journal of Experimental Marine Biology and Ecology*, 207(1-2), 127-147.
- Glover, H. E., M. D. Keller, and R. W. Spinrad (1987), The Effects of Light Quality and Intensity on Photosynthesis and Growth of Marine Eukaryotic and Prokaryotic Phytoplankton Clones, *Journal of Experimental Marine Biology and Ecology*, 105(2-3), 137-159.
- Goldman, J. C., D. A. Hansell, and M. R. Dennett (1992), Chemical characterization of three large oceanic diatoms: potential impact on the water column chemistry., *Mar. Ecol. Prog. Ser.*, 88, 257-270.
- Harris, G. N., D. J. Scanlan, and R. J. Geider (2005), Acclimation of *Emiliana huxleyi* (Prymnesiophyceae) to photon flux density, *J Phycol*, 41(4), 851-862.
- Harrison, G. I., and F. M. M. Morel (1986), *Limnol. Oceanogr.*, 31, 989-997.
- Holl, C. (2004), Georgia University of Technology, Atlanta, US.
- Holl, C., and J. Montoya (2005), Interactions between nitrate uptake and nitrogen fixation in continuous cultures of the marine diazotroph *Trichodesmium* (cyanobacteria), *J. Phycol.*, 41, 1171-1183.
- Houdan, A., I. Probert, K. Van Lenning, and S. Lefebvre (2005), Comparison of photosynthetic responses in diploid and haploid life-cycle phases of *Emiliana huxleyi* (Prymnesiophyceae), *Mar Ecol-Prog Ser*, 292, 139-146.
- Houdan, A., I. Probert, C. Zatylny, B. Veron, and C. Billard (2006), Ecology of oceanic coccolithophores. I. Nutritional preferences of the two stages in the life cycle of *Coccolithus braarudii* and *Calcidiscus leptoporus*, *Aquatic Microbial Ecology*, 44(3), 291-301.
- Jensen, M. O., and O. Moestrup (1997), Autecology of the toxic dinoflagellate *Alexandrium ostenfeldii*: Life history and growth at different temperatures and salinities, *European Journal of Phycology*, 32(1), 9-18.
- Johnson, Z. I., E. R. Zinser, A. Coe, N. P. McNulty, E. M. S. Woodward, and S. W. Chisholm (2006), Niche partitioning among *Prochlorococcus* ecotypes along ocean-scale environmental gradients, *Science*, 311(5768), 1737-1740.

- Jørgensen, E. G. (1968), The adaptation of plankton algae. II. Aspects of the temperature adaptation of *Skeletonema costatum*., *Physiologia Plantarum*, 21, 423-427.
- Kana, T. M., and P. M. Glibert (1987), Effect of Irradiances up to 2000  $\mu\text{E m}^{-2}\text{s}^{-1}$  on Marine Synechococcus Wh7803 .1. Growth, Pigmentation, and Cell Composition, *Deep-Sea Research Part a-Oceanographic Research Papers*, 34(4), 479-495.
- Karsten, U., R. Schumann, S. Rothe, I. Jung, and L. Medlin (2006), Temperature and light requirements for growth of two diatom species (Bacillariophyceae) isolated from an Arctic macroalga, *Polar Biology*, 29(6), 476-486.
- Karwath, B., D. Janofske, F. Tietjen, and H. Willems (2000), Temperature effects on growth and cell size in the marine calcareous dinoflagellate *Thoracospaera heimii*, *Marine Micropaleontology*, 39(1-4), 43-51.
- Kudo, I., M. Miyamoto, Y. Noiri, and Y. Maita (2000), Combined effects of temperature and iron on the growth and physiology of the marine diatom *Phaeodactylum tricorutum* (Bacillariophyceae), *J Phycol*, 36(6), 1096-1102.
- Landry, M. R., L. W. Haas, and V. L. Fagerness (1984), Dynamics of Microbial Plankton Communities - Experiments in Kaneohe Bay, Hawaii, *Mar Ecol-Prog Ser*, 16(1-2), 127-133.
- Langer, G., N. Gussone, G. Nehrke, U. Riebesell, A. Eisenhauer, and S. Thoms (2007), Calcium isotope fractionation during coccolith formation in *Emiliana huxleyi*: Independence of growth and calcification rate, *Geochemistry Geophysics Geosystems*, 8.
- LaRoche, J., and E. Breitbart (2005), Importance of the diazotrophs as a source of new nitrogen in the ocean, *J Sea Res*, 53(1-2), 67-91.
- Lecourt, M., D. L. Muggli, and P. J. Harrison (1996), Comparison of growth and sinking rates of non-coccolith- and coccolith-forming strains of *Emiliana huxleyi* (Prymnesiophyceae) grown under different irradiances and nitrogen sources, *J Phycol*, 32(1), 17-21.
- Levitan, O., G. Rosenberg, I. Setlik, E. Setlikova, J. Grigel, J. Klepetar, O. Prasil, and I. Berman-Frank (2007), Elevated CO<sub>2</sub> enhances nitrogen fixation and growth in the marine cyanobacterium *Trichodesmium*, *Global Change Biol*, 13(2), 531-538.
- Lomas, M. W., and P. M. Glibert (1999), Interactions between NH<sub>4</sub><sup>+</sup> and NO<sub>3</sub><sup>-</sup> uptake and assimilation: comparison of diatoms and dinoflagellates at several growth temperatures, *Marine Biology*, 133(3), 541-551.
- Maldonado, M. T., and N. M. Price (1996), Influence of N substrate on Fe requirements of marine centric diatoms, *Marine Ecology Progress Series*, 141, 161-172.
- Mccarthy, J. J., and E. J. Carpenter (1979), *Oscillatoria* (*Trichodesmium*) *Thiebautii* (Cyanophyta) in the Central North-Atlantic Ocean, *J Phycol*, 15(1), 75-82.
- Meeson, B. W., and B. M. Sweeney (1982), Adaptation of *Ceratium-Furca* and *Gonyaulax-Polyedra* (Dinophyceae) to Different Temperatures and Irradiances - Growth-Rates and Cell Volumes, *J Phycol*, 18(2), 241-245.
- Milligan, A. J., and P. J. Harrison (2000), Effects of non-steady-state iron limitation on nitrogen assimilatory enzymes in the marine diatom *Thalassiosira weissflogii* (BACILLARIOPHYCEAE), *J Phycol*, 36(1), 78-86.



- Mjaaland, G. (1956), Laboratory experiments on *Coccolithus huxleyi*, *Oikos*, 7, 251-256.
- Montagnes, D. J. S., and D. J. Franklin (2001), Effect of temperature on diatom volume, growth rate, and carbon and nitrogen content: reconsidering some paradigms, *Limnology and Oceanography*, 46(8), 2008-2018.
- Moore, L. R., R. Goericke, and S. W. Chisholm (1995), Comparative Physiology of Synechococcus and Prochlorococcus - Influence of Light and Temperature on Growth, Pigments, Fluorescence and Absorptive Properties, *Mar Ecol-Prog Ser*, 116(1-3), 259-275.
- Morris, I., and H. E. Glover (1974), Questions on Mechanism of Temperature Adaptation in Marine Phytoplankton, *Marine Biology*, 24(2), 147-154.
- Muggli, D. L., and P. J. Harrison (1996), Effects of nitrogen source on the physiology and metal nutrition of *Emiliana huxleyi* grown under different iron and light conditions, *Mar Ecol-Prog Ser*, 130(1-3), 255-267.
- Muggli, D. L., and P. J. Harrison (1997), Effects of iron on two oceanic phytoplankters grown in natural NE subarctic pacific seawater with no artificial chelators present, *Journal of Experimental Marine Biology and Ecology*, 212, 225-237.
- Muggli, D. L., M. Lecourt, and P. J. Harrison (1996), Effects of iron and nitrogen source on the sinking rate, physiology and metal composition of an oceanic diatom from the subarctic Pacific, *Marine ecology progress series*, 132, 215-227.
- Mulholland, M. R., and D. G. Capone (1999), Nitrogen fixation, uptake and metabolism in natural and cultured populations of *Trichodesmium* spp., *Mar Ecol-Prog Ser*, 188, 33-49.
- Nelson, D. M., and L. E. Brand (1979), CELL-DIVISION PERIODICITY IN 13 SPECIES OF MARINE-PHYTOPLANKTON ON A LIGHT-DARK CYCLE, *J Phycol*, 15(1), 67-75.
- Nielsen, M. V. (1995), PHOTOSYNTHETIC CHARACTERISTICS OF THE COCCOLITHOPHORID EMILIANA-HUXLEYI (PRYMNESIOPHYCEAE) EXPOSED TO ELEVATED CONCENTRATIONS OF DISSOLVED INORGANIC CARBON, *J Phycol*, 31(5), 715-719.
- Nielsen, M. V. (1996), Growth and chemical composition of the toxic dinoflagellate *Gymnodinium galatheanum* in relation to irradiance, temperature and salinity, *Mar Ecol-Prog Ser*, 136(1-3), 205-211.
- Nielsen, M. V. (1997), Growth, dark respiration and photosynthetic parameters of the coccolithophorid *Emiliana huxleyi* (Prymnesiophyceae) acclimated to different day length-irradiance combinations, *J Phycol*, 33(5), 818-822.
- Ohki, K., and Y. Fujita (1982), Laboratory Culture of the Pelagic Blue-Green-Alga *Trichodesmium-Thiebautii* - Conditions for Unialgal Culture, *Mar Ecol-Prog Ser*, 7(2), 185-190.
- Paasche, E. (1967), MARINE PLANKTON ALGAE GROWN WITH LIGHT-DARK CYCLES .I. COCCOLITHUS HUXLEYI, *Physiologia Plantarum*, 20(4), 946-&.
- Paasche, E. (1998), Roles of nitrogen and phosphorus in coccolith formation in *Emiliana huxleyi* (Prymnesiophyceae), *European Journal of Phycology*, 33(1), 33-42.
- Paasche, E. (1999), Reduced coccolith calcite production under light-limited growth: a comparative study of three clones of *Emiliana huxleyi* (Prymnesiophyceae), *Phycologia*, 38(6), 508-516.

- Paasche, E., and S. Brubak (1994), ENHANCED CALCIFICATION IN THE COCCOLITHOPHORID EMILIANIA-HUXLEYI (HAPTOPHYCEAE) UNDER PHOSPHORUS LIMITATION, *Phycologia*, 33(5), 324-330.
- Paasche, E., S. Brubak, S. Skattebol, J. R. Young, and J. C. Green (1996), Growth and calcification in the coccolithophorid *Emiliana huxleyi* (Haptophyceae) at low salinities, *Phycologia*, 35(5), 394-403.
- Parsons, T. R., K. Stephens, and J. D. H. Strickland (1961), ON THE CHEMICAL COMPOSITION OF 11 SPECIES OF MARINE PHYTOPLANKTERS, *Journal of the Fisheries Research Board of Canada*, 18(6), 1001-1016.
- Price, L. L., K. Yin, and P. J. Harrison (1998), Influence of continuous light and L : D cycles on the growth and chemical composition of Prymnesiophyceae including coccolithophores, *Journal of Experimental Marine Biology and Ecology*, 223(2), 223-234.
- Prufertbebout, L., H. W. Paerl, and C. Lassen (1993), Growth, Nitrogen-Fixation, and Spectral Attenuation in Cultivated *Trichodesmium* Species, *Appl Environ Microb*, 59(5), 1367-1375.
- Rhodes, L. L., B. M. Peake, A. L. Mackenzie, and S. Marwick (1995), COCCOLITHOPHORES GEPHYROCAPSA-OCEANICA AND EMILIANIA-HUXLEYI (PRYMNESIOPHYCEAE EQUALS HAPTOPHYCEAE) IN NEW-ZEALAND COASTAL WATERS - CHARACTERISTICS OF BLOOMS AND GROWTH IN LABORATORY CULTURE, *New Zealand Journal of Marine and Freshwater Research*, 29(3), 345-357.
- Riegman, R., I. A. Flameling, and A. A. M. Noordeloos (1998), Size-fractionated uptake of ammonium, nitrate and urea and phytoplankton growth in the North Sea during spring 1994, *Mar Ecol-Prog Ser*, 173, 85-94.
- Schoemann, V., S. Becquevort, J. Stefels, W. Rousseau, and C. Lancelot (2005), Phaeocystis blooms in the global ocean and their controlling mechanisms: a review, *J Sea Res*, 53(1-2), 43-66.
- Schone (1982), The influence of light and temperature on the growth rates of six phytoplankton species from the upwelling area off Northwest Africa, *Rapp. P.-v. Réun. Cons. int. Explor. Mer.*, 180, 246-253.
- Sosik, H. M., and B. G. Mitchell (1994), Effects of Temperature on Growth, Light-Absorption, and Quantum Yield in *Dunaliella-Tertiolecta* (Chlorophyceae), *J Phycol*, 30(5), 833-840.
- Steinke, M., G. V. Wolfe, and G. O. Kirst (1998), Partial characterisation of dimethylsulfoniopropionate (DMSP) lyase isozymes in 6 strains of *Emiliana huxleyi*, *Mar Ecol-Prog Ser*, 175, 215-225.
- Sunda, W., D. J. Kieber, R. P. Kiene, and S. Huntsman (2002), An antioxidant function for DMSP and DMS in marine algae, *Nature*, 418(6895), 317-320.
- Sunda, W. G., and S. A. Huntsman (1995), Iron uptake and growth limitation in oceanic and coastal phytoplankton, *Mar. Chem.*, 50(1-4), 189-206.
- Suzuki, Y., and M. Takahashi (1995), Growth responses of several diatom species isolated from various environments to temperature, *J Phycol*, 31, 880-888.
- Thompson, P. A. (1999), The response of growth and biochemical composition to variations in daylength, temperature, and irradiance in the marine diatom *Thalassiosira pseudonana* (Bacillariophyceae), *J Phycol*, 35(6), 1215-1223.
- Thompson, P. A., M.-X. Guo, and P. J. Harrison (1992), Effects of variation in temperature. I. On the biochemical composition of eight species of marine phytoplankton, *J Phycol*, 28(4), 481-488.

- Vairavamurthy, A., M. O. Andreae, and R. L. Iverson (1985), BIOSYNTHESIS OF DIMETHYLSULFIDE AND DIMETHYLPROPIOTHETIN BY HYMENOMONAS-CARTERAE IN RELATION TO SULFUR SOURCE AND SALINITY VARIATIONS, *Limnology and Oceanography*, 30(1), 59-70.
- van Rijssel, M., and W. W. C. Gieskes (2002), Temperature, light, and the dimethylsulfoniopropionate (DMSP) content of *Emiliana huxleyi* (Prymnesiophyceae), *J Sea Res*, 48(1), 17-27.
- Varela, D. E., and P. J. Harrison (1999), Effect of ammonium on nitrate utilization by *Emiliana huxleyi*, a coccolithophore from the oceanic northeastern Pacific, *Mar Ecol-Prog Ser*, 186, 67-74.
- Watabe, N., and K. M. Wilbur (1966), EFFECTS OF TEMPERATURE ON GROWTH CALCIFICATION AND COCCOLITH FORM IN COCCOLITHUS HUXLEYI (COCCOLITHINEAE), *Limnology and Oceanography*, 11(4), 567-&.
- Watras, C. J., S. W. Chisholm, and D. M. Anderson (1982), Regulation of Growth in an Estuarine Clone of *Gonyaulax-Tamarensis* Lebour - Salinity-Dependent Temperature Responses, *Journal of Experimental Marine Biology and Ecology*, 62(1), 25-37.
- Wolfe, G. V., and M. Steinke (1996), Grazing-activated production of dimethyl sulfide (DMS) by two clones of *Emiliana huxleyi*, *Limnology and Oceanography*, 41(6), 1151-1160.
- Yoder, J. A. (1979), Effect of temperature on light-limited growth and chemical composition of *Skeletonema costatum* (Bacillariophyceae), *J Phycol*, 15, 362-370.
- Zondervan, I. (2001), Influence of carbonate chemistry and other environmental factors on the chemical and isotopic composition of coccolithophores, with emphasis on calcification and photosynthetic carbon fixation, *PhD thesis, University of Bremen, Germany*, 170 pp.