

Appendix 1: Photosynthesis rate, photosynthesis efficiency and light adaptation parameter for some diatom species

Species	Max. rate of photosynthesis Pm gC gChla <sup>-1</sup> h <sup>-1</sup>	Photosynthesis efficiency $\alpha$ gC gChla <sup>-1</sup> h <sup>-1</sup> m <sup>2</sup> s $\mu$ molphotons <sup>-1</sup>	Light adaptation parameter Ek $\mu$ molphotons m <sup>-2</sup> s <sup>-1</sup>	References
<i>Ethmodiscus</i>	11.4±1.9	0.022±0.006	498±180	Villareal et al., 1999
<i>Phaeodactylum tricornutum</i>	1.18±0.24	0.022±0.009	54±34	Geider et al., 1985
<i>Phaeodactylum tricornutum</i>	1.62±0.13	0.013±0.004	129±55	Terry et al., 1983
<i>Phaeodactylum tricornutum</i>	8.06±0.40	0.019±0.003	417±69	Greene et al., 1991
<i>Phaeodactylum tricornutum</i>	3.71±0.56	0.026±0.003	144±18	Greene et al., 1991 Fe replete
<i>Phaeodactylum tricornutum</i>	4.84±0.81	0.033±0.005	147±19	McKay et al., 1997 Fe deficient
<i>Skeletonema costatum</i>	2.56±0.42	0.036±0.019	71±49	Cosper, 1982
<i>Skeletonema costatum</i>	2.48±0.26	0.054±0.042	46±41	Langdon, 1988
<i>Skeletonema costatum</i>	4.18±0.15	0.087±0.040	48±24	Yolder, 1979
<i>Thalassiosira pseudonana</i>	2.09±0.44	0.023±0.011	89±61	Geider, 1984
<i>Thalassiosira weissflogii</i>	3.95±4.61	0.018±0.034	215±648	Falkowski et al., 1985
<i>Thalassiosira weissflogii</i>	1.94±0.39	0.02±0.008	98±59	Laws and Bannister, 1980
<i>Thalassiosira weissflogii</i>	2.20±0.32	0.018±0.001	127±25	McKay et al., 1997

Appendix 2: Half saturation constants for orthosilicic acid  $K_s(\text{Si})$ , nitrate  $K_s(\text{N})$ , phosphate  $K_s(\text{P})$ , and iron  $K_\mu(\text{Fe})$ .  $K_\mu(\text{Fe})$  are referred to inorganic Fe concentrations when EDTA was added to culture medium and to dissolved Fe concentrations when incubations are performed in natural seawater.

Species	$K_s(\text{Si})$ ( $\mu\text{M}$ )	$K_s(\text{N})$ ( $\mu\text{M}$ )	$K_s(\text{P})$ ( $\mu\text{M}$ )	$K_\mu(\text{Fe})$ (M)	References
<i>Actinocyclus</i> sp.				$1.14 \cdot 10^{-9}$	Timmermans et al., in press
<i>Asterionella formosa</i> (Hassal)			0.01-0.09		Smith and Kalf, 1982
<i>Asterionella glacialis</i>		0.7-1.3			Eppley et al. (1969)
<i>Asterionella glacialis</i>		0.9-1.1			Romeo and Fisher, 1982
<i>Chaetoceros brevis</i>				$0.59 \cdot 10^{-12}$	Timmermans et al., 2001b
<i>Chaetoceros brevis</i>				$2 \cdot 10^{-12}$	Timmermans et al., 2001a
<i>Chaetoceros calcitran</i>				$0.75 \cdot 10^{-12}$	Timmermans et al., 2001a
<i>Chaetoceros debilis</i>	$2.2 \pm 0.2$				Conway and Harrison, 1977
<i>Chaetoceros debilis</i>		0.5			Conway and Harrison, 1977
<i>Chaetoceros dichchaeta</i>				$1.12 \cdot 10^{-9}$	Timmermans et al., 2001b
<i>Chaetoceros dichchaeta</i>				$1.10 \cdot 10^{-9}$	Timmermans et al., 2001a
<i>Chaetoceros gracilis</i>		0.1-0.3			Eppley et al., 1969
<i>Chaetoceros gracilis</i>			0.12		Thomas and Dodson, 1974
<i>Chaetoceros gracilis</i>					Taguchi and Hirata, 1987
<i>Chaetoceros gracilis</i>					Thomas and Dodson, 1975
<i>Corethron pennatum</i>				$0.57 \cdot 10^{-9}$	Timmermans et al., in press
<i>Chaetoceros neglectum</i>					Sommer, 1986
<i>Chaetoceros</i> sp. ( $71 \mu\text{m}^3$ )		$3.1 \pm 0.8$			Lomas and Glibert, 2000
<i>Chaetoceros</i> sp.					Mura and Agusti, 1996
<i>Corethron criophilum</i>					Sommer, 1991
<i>Corethron criophilum</i>					Sommer, 1986
<i>Coscinodiscus lineatus</i>		2.4-2.8			Eppley et al., 1969
<i>Coscinodiscus wailesii</i>		2.1-5.1			Eppley et al., 1969
<i>Cyclotella meneghiniana</i>	7.6				Tilman and Kilham, 1976

Species	K <sub>s</sub> (Si) (μM)	K <sub>s</sub> (N) (μM)	K <sub>s</sub> (P) (μM)	K <sub>μ</sub> (Fe) (M)	References
<i>Cylindrotheca fusiformis</i>	0.88±0.09				Del Amo and Brzezinski, 1999
<i>Cylindrotheca fusiformis</i>				2 10 <sup>-11(2)</sup>	Bucciarelli et al., in rev.
<i>Ethmodiscus</i>		10.2			Villareal et al., 1999
<i>Fragilariopsis kerguelensis</i>				0.19 10 <sup>-9</sup>	Timmermans et al., in press
<i>Ditylum brightwelli</i>	2.35				Paasche, 1973b
<i>Ditylum brightwelli</i>		2.0			Eppley and Coatsworth, 1968
<i>Ditylum brightwelli</i>		0.6			Eppley et al., 1969
<i>Fragilaria crotonensis</i> (Kitton)			0.01-0.03		Smith and Kalff, 1982
<i>Fragilariopsis kerguelensis</i>	12				Jacques, 1983
<i>Fragilariopsis pinnate</i>		0.6			Carpenter and Guillard, 1971
<i>Hantzchia</i> sp.					Taguchi and Hirata, 1987
<i>Leptocylindrus danicus</i>					Thomas and Dodson, 1975
<i>Leptocylindrus danicus</i>		1.2-1.8			Carpenter and Guillard, 1971
<i>Navicula pelliculosa</i>	4.4				Sullivan, 1976
<i>Nitzschia alba</i>	4.5				Azam et al., 1974
<i>Nitzschia cylindrus</i>					Sommer, 1986
<i>Nitzschia kerguelensis</i>					Sommer, 1986
<i>Nitzschia turgiduloides</i>	12-22				Jacques, 1983
<i>Rhizosolenia stolterfothii</i>		1.7			Eppley et al. (1969)
<i>Skeletonema costatum</i>	0.94				Paasche, 1973b
<i>Skeletonema costatum</i>	1.1-1.8				Davis, 1976
<i>Skeletonema costatum</i>	1.3±0.2				Conway and Harrison, 1977
<i>Skeletonema costatum</i>	0.7-1.3				Conway et al., 1976
<i>Skeletonema costatum</i>		0.5			Conway and Harrison, 1977
<i>Skeletonema costatum</i> (406 μm <sup>3</sup> )		0.4±0.1			Lomas and Glibert, 2000
<i>Skeletonema costatum</i>		0.4-0.5			Eppley et al. (1969)
<i>Skeletonema costatum</i>		2.1			Thomas and Dodson, 1974
<i>Synedra acum</i> (Kutz)			0.01-0.09		Smith and Kalff, 1982

Species	K <sub>s</sub> (Si) (μM)	K <sub>s</sub> (N) (μM)	K <sub>s</sub> (P) (μM)	K <sub>μ</sub> (Fe) (M)	References
<i>Synedra ulna</i> (Nitzsch)			0.04-0.06		Smith and Kalff, 1982
<i>Thalassiosira</i> cf. <i>antarctica</i>					Sommer, 1991
<i>Thalassiosira</i> <i>decepiens</i>	3.69				Paasche, 1973b
<i>Thalassiosira</i> <i>fluviatilis</i> Hust			1.72		Fuhs et al., 1972
<i>Thalassiosira</i> <i>gravida</i>	0.2±0.01				Conway and Harrison, 1977
<i>Thalassiosira</i> <i>gravida</i>		0.5			Conway and Harrison, 1977
<i>Thalassiosira</i> <i>nordenskioldii</i>					Paasche, 1975
<i>Thalassiosira</i> <i>nordenskioldii</i>					Paasche, 1975
<i>Thalassiosira</i> <i>oceanica</i>				4 10 <sup>-12</sup>	Sunda and Huntsman, 1995
<i>Thalassiosira</i> <i>oceanica</i>		0.3-0.7			Eppley et al. (1969)
<i>Thalassiosira</i> <i>oceanica</i>		0.5-1.0			Eppley and Renger, 1974
<i>Thalassiosira</i> <i>pseudonana</i>				81 10 <sup>-12</sup>	Sunda and Huntsman, 1995
<i>Thalassiosira</i> <i>pseudonana</i> (3H)				211 10 <sup>-12(2)</sup>	Bucciarelli et al., in rev.
<i>Thalassiosira</i> <i>pseudonana</i> (3H)					Paasche, 1973a
<i>Thalassiosira</i> <i>pseudonana</i> (3H)	1.40				Paasche, 1973b
<i>Thalassiosira</i> <i>pseudonana</i> (3H)					Guillard et al., 1973
<i>Thalassiosira</i> <i>pseudonana</i> (3H)	0.8-2.3				Nelson et al., 1976
<i>Thalassiosira</i> <i>pseudonana</i> (13)					Guillard et al., 1973
<i>Thalassiosira</i> <i>pseudonana</i> (13)	1.4-1.5				Nelson et al., 1976
<i>Thalassiosira</i> <i>pseudonana</i> (13-1)			0.58		Fuhs et al., 1972
<i>Thalassiosira</i> <i>pseudonana</i>					Olsen and Paasche, 1986
<i>Thalassiosira</i> <i>pseudonana</i>	1.4±0.1				Del Amo and Brzezinski, 1999
<i>Thalassiosira</i> <i>pseudonana</i>		0.49-0.84			Eppley and Renger, 1974
<i>Thalassiosira</i> <i>pseudonana</i>		0.02-0.66			Eppley and Renger, 1974
<i>Thalassiosira</i> <i>pseudonana</i>			0.6-0.7		Perry, 1976
<i>Thalassiosira</i> <i>pseudonana</i>		1.8			Carpenter and Guillard, 1971
<i>Thalassiosira</i> <i>sp.</i>				0.62 10 <sup>-9</sup>	Timmermans et al., in press
<i>Thalassiosira</i> <i>subtilis</i>					Sommer,

Species	K <sub>s</sub> (Si) (μM)	K <sub>s</sub> (N) (μM)	K <sub>s</sub> (P) (μM)	K <sub>μ</sub> (Fe) (M)	References
<i>Thalassiosira weissflogii</i> (Clone Actin)				40-68 10 <sup>-12</sup>	1986 Sunda and Huntsman, 1995
<i>Thalassiosira weissflogii</i>	2.35±0.44				De La Rocha et al., 2000
<i>Thalassiosira weissflogii</i>			6.6		Donald et al., 1997
<i>Thalassiosira weissflogii</i>			8.9		Donald et al., 1997
<i>Thalassiosira weissflogii</i>			0.16		Donald et al., 1997
<i>Thalassiosira weissflogii</i>			0.81		Donald et al., 1997
<i>Thalassiosira weissflogii</i>	4.7±0.5				Del Amo and Brzezinski, 1999
<i>Thalassiosira weissflogii</i> (2132 μm <sup>3</sup> )		2.8±0.3			Lomas and Glibert, 2000
<i>Thalassiosira weissflogii</i>			1.72		Fuhs et al. (1972) Lomas and Glibert, 2000

Appendix 3: Elemental ratios at optimal conditions

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
<i>Actinocyclus subtilis</i>	20056		-	8.5						Llewellyn and Gibb, 2000
<i>Actinocyclus</i> sp.	2530 $\pm$ 200		0.54 $\pm$ 0.04	3.5 $\pm$ 0.7					70 $\pm$ 7	Muggli and Harrison, 1997
<i>Actinocyclus</i> sp.	4990 $\pm$ 116		0.42 $\pm$ 0.05	7.1 $\pm$ 0.5					330 $\pm$ 85	Muggli et al., 1996
<i>Actinocyclus</i> sp.	4460 $\pm$ 69		0.46 $\pm$ 0.04	6.5 $\pm$ 0.1					370 $\pm$ 25	Muggli et al., 1996
<i>Asterionella glacialis</i>	1100	774		7.5		0.11	0.85			Brzezinski, 1985
	822	547		6.3		0.12	0.76			Brzezinski, 1985
<i>Asterionella glacialis</i>	-	-		8.8	10.0					Burkhardt et al., 1999
	-	-		9.0	11.3					Burkhardt et al., 1999
<i>Asterionellopsis kariana</i>	185			7.8						Llewellyn and Gibb, 2000
<i>Bacteriastrum furcatum</i>	2000	919		5.9		0.14	0.83			Brzezinski, 1985
<i>Chaetoceros calcitrans</i>	29			6.3						Llewellyn and Gibb, 2000
<i>Chaetoceros constrictus</i>	3350	1250		4.1		0.10	0.42			Brzezinski, 1985
<i>Chaetoceros convolutus</i>	15100	5500		4.6		0.11	0.52			Brzezinski, 1985
<i>Chaetoceros debilis</i>	125			5.7						Llewellyn and Gibb, 2000
<i>Chaetoceros debilis</i>	380	466		3.2	12.2	0.17	0.56	6.7		Harrison et al., 1977
<i>Chaetoceros dichaeata</i>	1200					0.11	0.7	7.1		(Takeda, 1998)

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
<i>Chaetoceros pelagicus</i>	983	566		9.7		0.09	0.88			Brzezinski, 1985
<i>Chaetoceros pelagicus</i>	505	396		6.4		0.16	1.02			Brzezinski, 1985
<i>Chaetoceros</i> sp. 1 cf. <i>vixvisibilis</i>	572	414		8.3		0.15	1.24			Brzezinski, 1985
<i>Chaetoceros</i> sp. 1 cf. <i>vixvisibilis</i>	1050	626		6.5		0.14	0.88			Brzezinski, 1985
<i>Chaetoceros</i> sp. 2	379	333		19.4		0.04	0.75			Brzezinski, 1985
	142	169		13.3		0.09	1.17			Brzezinski, 1985
<i>Chaetoceros</i> sp. 3	1720	903		8.0		0.14	1.13			Brzezinski, 1985
	496	462		10.7		0.11	1.21			Brzezinski, 1985
<i>Corethron criophilum</i>	30160	5650		7.9		0.14	1.10			Brzezinski, 1985
<i>Coscinodiscus granii</i>	97600	11900		6.1		0.36	2.17			Brzezinski, 1985
	43700	6910		8.8		0.22	1.95			Brzezinski, 1985
<i>Coscinodiscus wailesii</i>	-	-	-	8.1	5.9					Burkhardt et al., 1999
<i>Coscinodiscus wailesii</i>	-	-	-	8.2	9.8					Burkhardt et al., 1999
<i>Coscinodiscus wailesii</i>	$1.51 \cdot 10^7$	-	-	6.9	11.7					Tada et al., 2000
<i>Cylindrotheca fusiformis</i>	$342 \pm 13$	$312 \pm 4$	1.71				$0.17 \pm 0.01$			Bucciarelli et al., in rev.
<i>Ditylum brightwellii</i>	6995		0.43	8.3	5.4				7	Ho et al., 2003; Quigg et al., 2003
<i>Ethmodiscus</i>	$2.2 \pm 0.3 \cdot 10^9$	-	-	$12.9 \pm 1.6$		0.95	7.24			Villareal et al., 1999
<i>Ethmodiscus</i>	-	-	-	14						Villareal and Carpenter, 1994

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
<i>Hemialus sinensis</i>	7550	2530		5.8		0.24	1.42			Brzezinski, 1985
	1920	1560		8.2		0.19	1.55			Brzezinski, 1985
<i>Landeria borealis</i>	5950	1870		29.7		0.08	2.34			Brzezinski, 1985
<i>Leptocylindrus danicus</i>	1660	1050		7.4		0.08	0.61			Brzezinski, 1985
	2130	1300		6.2		0.11	0.71			Brzezinski, 1985
<i>Navicula hanseii</i>	33	-	-	6.1						Llewellyn and Gibb, 2000
<i>Navicula</i> sp.	1.460 $10^5$		0.72	7	15	0.06	0.4	6.4		Goldman et al., 1992
<i>Nitzschia brevirostris</i>	119		0.67	6.1	6.8				74	Ho et al., 2003; Quigg et al., 2003
<i>Nitzschia</i> sp. 1	1680	1050		24.3		0.08	1.86			Brzezinski, 1985
	608	574		7.8		0.09	0.69			Brzezinski, 1985
<i>Nitzschia</i> sp. 2	215	210		11.5		0.09	1.04			Brzezinski, 1985
	24	63		10.5		0.10	1.04			Brzezinski, 1985
<i>Nitzschia</i> sp.	2700					0.18	1.2	21		(Takeda, 1998)
<i>Phaeodactylum tricorutum</i>	-	-	-	6.3	11.9					Burkhardt et al., 1999
	-	-	-	7	10.3					Burkhardt et al., 1999
<i>Phaeodactylum tricorutum</i>	-	-	-	6.1	17.9					Greene et al., 1991
<i>Phaeodactylum tricorutum</i>	145 $\pm$ 2		1.7	8.15						Kudo et al., 2000

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
<i>Pseudoguinaridia recta</i>	1.152 10 <sup>5</sup>		0.87	6.5	16.2		0.7			Goldman et al., 1992
<i>Rhizosolenia alata</i>	482000	53600		5.5		0.14	0.80			Brzezinski, 1985
<i>Skeletonema costatum</i>	43			5.8						Llewellyn and Gibb, 2000
<i>Skeletonema costatum</i> (312)	202	200		9.4		0.07	0.65			Brzezinski, 1985
	99	73		6.9		0.11	0.75			Brzezinski, 1985
<i>Skeletonema costatum</i> (S3)	1040	594		8.5		0.11	0.94			Brzezinski, 1985
	405	322		6.8		0.15	1.00			Brzezinski, 1985
<i>Skeletonema costatum</i>	-	-	-	5.5	10.9					Burkhardt et al., 1999
	-	-	-	6.2	11.6					Burkhardt et al., 1999
<i>Skeletonema costatum</i>			2.1	5.8-6.6	13.3-12.4					Burkhardt and Riebesell, 1997
<i>Skeletonema costatum</i>	181	180		5.1	10.0	0.11	0.53	5.4		Harrison et al., 1977
<i>Stephanopyxis palmeriana</i>	332000	26600		7.9		0.19	1.47			Brzezinski, 1985
	818000	53300		7.8		0.12	0.95			Brzezinski, 1985
<i>Stephanopyxis palmeriana</i>	3.833 10 <sup>5</sup>		1.12	6.0	15.8	0.22	1.3	19.5		Goldman et al., 1992
<i>Surirella</i> sp.	1660	789		11.3		0.12	1.37			Brzezinski, 1985
	2010	884		9.2		0.14	1.25			Brzezinski, 1985
<i>Thalassionema nitzschioides</i>	120			5.5						Llewellyn and Gibb, 2000
<i>Thalassiosira cestivalis</i>	16300	3560		6.8		0.15	1.00			Brzezinski, 1985
<i>Thalassiosira eccentrica</i>	6627		0.27	9.6	7.8				89	Ho et al., 2003; Quigg et al., 2003

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
<i>Thalassiosira gravida</i>	6030	1834		2.7	8.9	0.16	0.43	3.8		Harrison et al., 1977
<i>T. oceanica</i>	103		1.6						2.5	Sunda and Huntsman, 1995
<i>T. oceanica</i> (13.1)	87		1.4	9.5 $\pm$ 0.02					37 $\pm$ 0.03	Maldonado and Price, 1996
	128 $\pm$ 1.5		1.4	7.1 $\pm$ 0.04					35 $\pm$ 0.1	Maldonado and Price, 1996
<i>T. oceanica</i> (1003)	118		1.4	7.7 $\pm$ 0.02					26 $\pm$ 0.1	Maldonado and Price, 1996
	77 $\pm$ 0.6		1.2	6.1 $\pm$ 0.11					29 $\pm$ 0.5	Maldonado and Price, 1996
<i>Thalassiosira oceanica</i>									2.3	Sunda et al., 1991
<i>Thalassiosira oceanica</i>	153	161		7.4		0.06	0.41			Brzezinski, 1985
	184	179		9.5		0.05	0.49			Brzezinski, 1985
<i>Thalassiosira partheneia</i>	893	516		9.2		0.06	0.60			Brzezinski, 1985
<i>T. partheneia</i> (Thal 9)	129 $\pm$ 8.8		0.8	8.1 $\pm$ 0.04					102 $\pm$ 0.1	Maldonado and Price, 1996
	111 $\pm$ 1.2		1.2	8.4 $\pm$ 0.01					90 $\pm$ 0.1	Maldonado and Price, 1996
<i>T. pseudonana</i>	32		1.8						12.5	Sunda and Huntsman, 1995
<i>T. pseudonana</i> (3H)	48 $\pm$ 0.5		2.2	7.1 $\pm$ 0.04					38 $\pm$ 0.1	Maldonado and Price, 1996
	30 $\pm$ 0.2		1.9	7.4 $\pm$ 0.03					56 $\pm$ 0.1	Maldonado and Price, 1996
<i>Thalassiosira pseudonana</i>	95-136	116-147		5.5-8.5		0.05	0.28-0.41			Brzezinski, 1985
<i>Thalassiosira pseudonana</i>	-		3.6	5-9						Thompson, 1999
<i>Thalassiosira pseudonana</i>	28 $\pm$ 4	45 $\pm$ 4	2.2				0.44 $\pm$ 0.02			Bucciarelli et al., in rev.
<i>Thalassiosira punctigera</i>	-	-	-	7.0	5.0					Burkhardt et

Species	V ( $\mu\text{m}^3$ )	S ( $\mu\text{m}^2$ )	$\mu$ ( $\text{d}^{-1}$ )	C:N (mol/mol)	N:P (mol/mol)	Si:C (mol/mol)	Si:N (mol/mol)	Si:P (mol/mol)	Fe:C ( $\mu\text{mol/mol}$ )	Reference
	-	-	-	7.0	5.0					al., 1999
<i>Thalassiosira rotula</i>	10400	2630		8.4		0.09	0.79			Burkhardt et al., 1999
	11500	3010		7.4		0.11	0.82			Brzezinski, 1985
<i>Thalassiosira subtilis</i> (50 Ait)	1467 $\pm$ 42		1.1	6.5 $\pm$ 0.03					28 $\pm$ 0.1	Maldonado and Price, 1996
	1208 $\pm$ 78		1.1	7.2 $\pm$ 0.05					56 $\pm$ 0.04	Maldonado and Price, 1996
<i>Thalassiosira weissflogii</i>	779			8.0						Llewellyn and Gibb, 2000
<i>Thalassiosira weissflogii</i>	-	-	-	7.8 $\pm$ 0.18		0.092 $\pm$ 0.002	0.72 $\pm$ 0.00			De La Rocha et al., 2000
<i>T. weissflogii</i>	506 $\pm$ 22		0.85	6.66 $\pm$ 1.00						Milligan and Harrison, 2000
<i>T. weissflogii</i>	900		0.9						9.7	Sunda and Huntsman, 1995
<i>T. weissflogii</i> (Actin)	1431 $\pm$ 13		1.5	6.7 $\pm$ 0.09					60 $\pm$ 0.03	Maldonado and Price, 1996
	1269 $\pm$ 7		1.4	7.2 $\pm$ 0.06					41 $\pm$ 0.02	Maldonado and Price, 1996
<i>T. weissflogii</i>	-	-	1.5 $\pm$ 0.5						6.7	Harrison and Morel, 1986
<i>T. weissflogii</i>	1800	826		7.5		0.07	0.50			Brzezinski, 1985
	1300	680		8.9		0.05	0.42			Brzezinski, 1985
<i>T. weissflogii</i>	-	-	-	8.1-9.6	5.7-6.9					Burkhardt et al., 1999
<i>T. weissflogii</i>	930		0.98	6;3	13.6				20	Ho et al., 2003; Quigg et al., 2003
<i>T. weissflogii</i> (CCMP 1049)									35 $\pm$ 6	Schmidt et al., 1999

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