

Emiliana huxleyi population growth rate response to light and temperature: a synthesis

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Supplement. Summary of literature sources for *Emiliana huxleyi* growth rate and photon flux density data used in the present synthesis.

Table S1. Literature sources with *Emiliana huxleyi* strain identification and original isolation coordinates; coordinates marked * are approximate; nd = no data

Strain	Latitude (°)	Longitude (°)	Literature source
88E	43	-68	Balch et al. 1992, Merrett et al. 1993, Nimer et al. 1994, Balch et al. 1996, Fernandez et al. 1996, Fritz & Balch 1996, Fritz 1999
89E	43	-69	Price et al. 1998, Steinke et al. 1998, Stoll et al. 2002, Wolfe et al. 2002, Dyhrman & Palenik 2003, Popp et al. 2006, Shaked et al. 2006, Bidle et al. 2007, Bucciarelli et al. 2007, Sunda et al. 2007, Shi et al. 2009, Strom & Bright 2009, Xu et al. 2010
A1383	27*	-88*	Sunda & Huntsman 1992
A266	42	-68	Brand 1984
A47	37	-67	Brand & Guillard 1981
A528	34	-65	Brand 1984
BT6	32	-65	Watabe & Wilbur 1966, Sunda & Huntsman 1992, Popp et al. 1998, Steinke et al. 1998, Wolfe et al. 2002, Wong et al. 2002, Dyhrman & Palenik 2003, Dupont et al. 2004, Popp et al. 2006, Bidle et al. 2007, Strom & Bright 2009
CCMP#1516	-3	-83	Steinke et al. 1998, Dyhrman et al. 2006, Evans et al. 2006, Llewellyn et al. 2007, Mackinder et al. 2011
CCMP#371	-32	-62	Feng et al. 2008, Moheimani & Borowitzka 2011, Lefebvre et al. 2012
CCMP#372	32	-62	Paasche et al. 1996, Conte et al. 1998

Ch24-90	57	1	van Bleijswijk et al. 1994, Buitenhuis et al. 1999
CS#369	-43	148	Guan & Gao 2010
EH2	-19	148	Sorrosa et al. 2005
F	60	11	Paasche 1967, Paasche & Klavenes 1970, Paasche et al. 1996, Paasche 1998, Steinke et al. 1998, Wolfe et al. 2002, De La Cuesta & Manley 2009, Strom & Bright 2009
L	60	11	Steinke et al. 1998, Page et al. 1999, Buma et al. 2000, Riegman et al. 2000, Stolte et al. 2000, Van Rijssel & Gieskes 2002, Van De Poll et al. 2007
M	66	2	Mjaaland 1956
MCH1	33	-64	Brand 1984
NAP9	41	14	Paasche 1999
NEPCC#55	48	-131	Brand 1984
NEPCC#55a	50	-145	Price et al. 1998, Prahel et al. 2003, Popp et al. 2006
NEPCC#646	60	11	Price et al. 1998
NEPCC#732	50	-145	Lecourt et al. 1996, Muggli & Harrison 1996a,b, Varela & Harrison 1999, Needoba et al. 2003, Needoba & Harrison 2004
NZEH	-47	168	Rhodes et al. 1995, Iglesias-Rodríguez et al. 2008, Shi et al. 2009, Hoppe et al. 2011
OF	60	11	Paasche et al. 1996
Oslofjord	60	11	Garde & Cailliau 2000
Bilbao	43	-3	Seoane et al. 2009
P3	nd	nd	Mjaaland 1956
P8	nd	nd	Mjaaland 1956
PLY#92/92D	50	-4	Takano et al. 1995
PLY#92A	50	-4	Steinke et al. 1998, Strom & Bright 2009
PLY#B317	60	5	Paasche et al. 1996, Nielsen 1997
PLY#B92/11	60	5	Paasche et al. 1996, Conte et al. 1998, Popp et al. 1998, Riebesell et al. 2000, Rickaby et al. 2002, Rost et al. 2002, Langer et al. 2006, Leonardos & Harris 2006, Schouten et al. 2006, Langer et al. 2007, Schulz et al. 2007, Trimborn et al. 2007, Langer & Benner 2009, Langer et al. 2009b, Benner & Passow 2010, Kaffes et al. 2010, Bach et al. 2011, Borchard et al. 2011
PLY#BOFS 5/90/25j	48	-18	Paasche & Brubak 1994, Paasche et al. 1996, Paasche 1998, 1999
PLY#DWN53/74/6	24	-20	Paasche et al. 1996
PLY#DWN61/67/5	61	-20	Paasche et al. 1996
PLY#G1779Ga	60	-20	Paasche et al. 1996, Conte et al. 1998
2 strains (popn A)	40*	-65*	Brand 1980, 1982

14 strains (popn B)	40*	-65*	Brand 1980, 1982
2 strains (popn C)	40*	-65*	Brand 1980, 1982
30 strains (popn D)	37	-68	Brand 1980, 1982
4 strains (popn E)	37	-68	Brand 1980, 1982
6 strains (popn F)	40	-70	Brand 1980, 1982
2 strains (popn G)	37	-67	Brand 1980, 1982
2 strains (popn H)	42	-66	Brand 1980, 1982
4 strains (popn I)	42	-66	Brand 1980, 1982
4 strains (popn J)	42	-68	Brand 1980, 1982
2 strains (popn K)	39	-69	Brand 1980, 1982
12 strains (popn L)	40	-70	Brand 1980, 1982
2 strains (popn M)	37	-68	Brand 1980, 1982
18 strains (popn N)	37	-68	Brand 1980, 1982
22 strains (popn P)	37	-67	Brand 1980, 1982
4 strains (popn Q)	37	-69	Brand 1980, 1982
18 strains (popn R)	36	-69	Brand 1980, 1982
10 strains (popn S)	37	-68	Brand 1980, 1982
2 strains (popn T)	37	-68	Brand 1980, 1982
4 strains (popn U)	37	-68	Brand 1980, 1982
Raunefjord05	60	5	Muller et al. 2010
Raunefjord09-mono	60	5	Lohbeck et al. 2012
Raunefjord09-multi	60	5	Lohbeck et al. 2012
RCC#1212	-34	17	Langer et al. 2009a, Stoll et al. 2012
RCC#1238	34	139	Langer et al. 2009a, 2010, Stoll et al. 2012
RCC#1256	63	-20	Langer et al. 2009a, Hoppe et al. 2011, Stoll et al. 2012
S. Africa	-29	34	Paasche et al. 1996, Conte et al. 1998
SC	58	9	Paasche et al. 1996, Paasche 1999
Station P93	50	-145	Thompson & Calvert 1995
TQ26	-42	170	Houdan et al. 2005, Langer et al. 2009a, Fiorini et al. 2011, Mackinder et al. 2011, Rokitta & Rost 2012
TQ26N	-42	170	Buitenhuis et al. 2008, Mackinder et al. 2011, Rokitta & Rost 2012
TW1	41*	2*	Sciandra et al. 2003
VAN556	50	-145	Conte et al. 1998

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