Table S1: Citations associated with the 64 accepted seagrass studies used in the literature review.

Author/s	Date	Title	Journal	Doi
Bite JS, Campbell SJ, McKenzie LJ and Coles RG	2007	Chlorophyll fluorescence measures of seagrasses *Halophila ovalis* and *Zostera capricorni* reveal differences in response to experimental shading	Mar Biol 152:405–414	10.1007/s00227-007-0700-6
Campbell S, McKenzie LJ and Kerville SP	2006	Photosynthetic responses of seven tropical seagrasses to elevated seawater temperature	J Exp Mar Biol Ecol 21: 455–468	10.1016/j.jembe.2005.09.017
Campbell S, Miller C, Steven A and Stephens A	2003	Photosynthetic responses of two temperate seagrasses across a water quality gradient using chlorophyll fluorescence	J Exp Mar Biol Ecol 291: 57–78	10.1016/S0022-0981(03)00090-X
Carve M, Coggan TL, Myers JH, Clarke B, Nugegoda D and Shimeta J	2018	Impacts on the seagrass, *Zostera nigricaulis*, from the herbicide Fusilade Forte® used in the management of *Spartina anglica* infestations	Aquat Toxicol 195:15-23	10.1016/j.aquatox.2017.11.021
Celdran D	2017	Photosynthetic activity detected in the seed epidermis of *Thalassia testudinum*	Aquat Bot 136:39–42	10.1016/j.aquabot.2016.09.004
Chartrand KM, Szabo M, Sinutok S, Rasheed MA and Ralph PJ	2018	Living at the margins – The response of deep-water seagrasses to light and temperature renders them susceptible to acute impacts	Mar Environ Res 136: 126–138	10.1016/j.marenvres.2018.02.006
Chesworth JC, Donkin ME and Brown MT	2004	The interactive effects of the antifouling herbicides Irgarol 1051 and diuron on the seagrass *Zostera marina* (L.)	Aquat Toxicol 66: 293–305	10.1016/j.aquatox.2003.10.002
Collier CJ and Waycott M	2014	Temperature extremes reduce seagrass growth and induce mortality	Mar Pollut Bull 83: 483–490	10.1016/j.marpolbul.2014.03.050
Collier CJ, Adams MP, Langlois L, Waycott M, O'Brien KR, Maxwell PS, McKenzie L	2016	Thresholds for morphological response to light reduction for four tropical seagrass species	Ecol Indicators 67: 358–366	10.1016/j.ecolind.2016.02.050
Collier CJ, Lavery PS, Ralph PJ and Masini RJ	2009	Shade-induced response and recovery of the seagrass *Posidonia sinuosa*	J Exp Mar Biol Ecol 370: 89–103	10.1016/j.jembe.2008.12.003
Collier CJ, Lavery PS, Ralph RJ and Masini RJ	2008	Physiological characteristics of the seagrass *Posidonia sinuosa* along a depth-related gradient of light availability	Mar Ecol Prog Ser 353: 65–79	10.3354/meps07171
Collier CJ, Ow YX, Langlois L, Uthicke S, Johansson CL, O'Brien KR, Hrebien V and Adams MP	2017	Optimum temperatures for net primary productivity of three tropical seagrass species	Front Plant Sci 8: 1446	10.3389/fpls.2017.01446

Collier CJ, Uthicke S and Waycott M	2011	Thermal tolerance of two seagrass species at contrasting light levels: Implications for future distribution in the Great Barrier Reef	Limnol Oceanogr 56: 2200–2210	10.4319/lo.2011.56.6.2200
Collier CJ, Waycott M and Ospina AG	2012	Responses of four Indo-West Pacific seagrass species to shading	Mar Pollut Bull 65: 342–254	10.1016/j.marpolbul.2011.06.017
Diepens NJ, Buffan-Dubau E, Budzinski H, Kallerhoff J, Merlina G, Silvestre J, Auby I, Tapie N and Elger A	2017	Toxicity effects of an environmental realistic herbicide mixture on the seagrass *Zostera noltei*	Environ Pollut 222: 393–403	10.1016/j.envpol.2016.12.021
Enriquez S, Merino M and Iglesias-Prieto R	2002	Variations in the photosynthetic performance along the leaves of the tropical seagrass *Thalassia testudinum*	Mar Biol 140: 891–900	10.1007/s00227-001-0760-y
Flanigan YS and Critchley C	1996	Light response of D1 turnover and photosystem II efficiency in the seagrass *Zostera capricorni*	Planta 198: 319–323	10.1007/BF00620046
Flores F, Collier CJ, Mercurio P and Negri AP	2013	Phytotoxicity of four photosystem II herbicides to tropical seagrasses	PLOS ONE 8: e75798	10.1371/journal.pone.0075798
Gao Y, Fang J, Du M, Fang J, Jiang W and Jiang Z	2017	Response of the eelgrass (*Zostera marina* L.) to the combined effects of high temperatures and the herbicide, atrazine	Aquat Bot 142: 41–47	10.1016/j.aquabot.2017.06.005
Gao Y, Fang J, Li W, Wang X, Li F, Du M, Fang J, Lin F, Jiang W and Jiang Z	2019	Effects of atrazine on the physiology, sexual reproduction, and metabolism of eelgrass (*Zostera marina* L.)	Aquat Bot 153: 8–14	10.1016/j.aquabot.2018.10.002
Gao Y, Fang J, Zhang J, Ren L, Mao Y, Li B, Zhang M, Liu D and Du M	2011	The impact of the herbicide atrazine on growth and photosynthesis of seagrass, *Zostera marina* (L.), seedlings	Mar Pollut Bull 62: 1628–1631	10.1016/j.marpolbul.2011.06.014
Gavin NM and Durako MJ	2012	Localization and antioxidant capacity of flavonoids in *Halophila johnsonii* in response to experimental light and salinity variation	J Exp Mar Biol Ecol 416–417: 32–40	10.1016/j.jembe.2012.02.006
Genazzio MA and Durako MJ	2015	Photochemical efficiency of *Thalassia testudinum* varies in response to repeated shading events and unpredictable weather	Mar Ecol Prog Ser 539: 127–137	10.3354/meps11498
Hanelt D	1992	Photoinhibition of photosynthesis in marine macrophytes of the South China Sea	Mar Ecol Prog Ser 82: 199–206	10.3354/meps082199
Hanelt D and Roleda MY	2009	UVB radiation may ameliorate photoinhibition in specific shallow-water tropical marine macrophytes	Aquat Bot 91: 6–12	10.1016/j.aquabot.2008.12.005
Hanelt D, Li J and Nultsch W	1994	Tidal dependence of photoinhibition of photosynthesis in marine macrophytes of the South China Sea	Botanica Acta 107: 66–72	10.1111/j.1438-8677.1994.tb00410.x
Haynes D, Ralph P, Prange J	2000	The impact of the herbicide diuron on photosynthesis in	Mar Pollut Bull 41: 288–293	10.1016/S0025-326X(00)00127-2

and Dennison B		three species of tropical seagrass		
Kumar KS, Choo KS, Yea SS, Seo Y and Han T	2010	Effects of the phenylurea herbicide diuron on the physiology of *Saccharina japonica* aresch	Toxicol Environ Heal Sci 2: 188–199	10.1007/BF03216505
Lan CY, Kao WY, Lin HJ and Shao KT	2005	Measurement of chlorophyll fluorescence reveals mechanisms for habitat niche separation of the intertidal seagrasses *Thalassia hemprichii* and *Halodule uninervis*	Mar Biol 143: 25–34	10.1007/s00227-005-0053-y
Larkum AWD and Wood WF	1993	The effect of UV-B radiation on photosynthesis and respiration of phytoplankton, benthic macroalgae and seagrasses	Photosynth Res 36: 17–23	10.1007/BF00018071
Liu SL, Wang WL, Dy DT and Fu CH	2005	The effect of ulvoid macroalgae on the inorganic carbon utilization by an intertidal seagrass *Thalassia hemprichii*	Botanical Bulletin of Academia Sinica 46: 197–203	10.7016/BBAS.200507.0197
Longstaff B, Loneragan NR, O'Donohue M and Dennison WC	1999	Effects of light deprivation on the survival and recovery of the seagrass *Halophila ovalis* (R.Br.) Hook	J Exp Mar Biol Ecol 234: 1–27	10.1016/S0022-0981(98)00137-3
Macinnis-Ng CMO and Ralph PJ	2003	Short-term response and recovery of *Zostera capricorni* photosynthesis after herbicide exposure	Aquat Bot 76: 1–15	10.1016/S0304-3770(03)00014-7
Macinnis-Ng CMO and Ralph PJ	2004	In situ impact of multiple pulses of metal and herbicide on the seagrass, *Zostera capricorni*	Aquat Toxicol 67: 227–237	10.1016/j.aquatox.2004.01.012
Major KM and Dunton KH	2000	Photosynthetic performance in *Syringodium filiforme*: seasonal variation in light-harvesting characteristics	Aquat Bot 68: 249–264	10.1016/S0304-3770(00)00115-7
Major KM and Dunton KH	2002	Variations in light-harvesting characteristics of the seagrass, *Thalassia testudinum*: evidence for photoacclimation	J Exp Mar Biol Ecol 275: 173–189	10.1016/S0022-0981(02)00212-5
Mazzuca S, Spadafora A, Filadoro D, Vannini C, Marsoni M, Cozza R, Bracale M, Pangaro T and Innocenti AM	2009	Seagrass light acclimation: 2-DE protein analysis in *Posidonia* leaves grown in chronic low light conditions	J Exp Mar Biol Ecol 374: 113–122	10.1016/j.jembe.2009.04.010
McMahon K, Bengtson Nash S, Eaglesham G, Mueller J, Duke NC, Winderlich S	2005	Herbicide contamination and the potential impact to seagrass meadows in Hervey Bay, Queensland, Australia	Mar Pollut Bull 51: 325–334	10.1016/j.marpolbul.2004.10.045
Moreno-Marin F, Brun FG and Pedersen MF	2018	Additive response to multiple environmental stressors in the seagrass *Zostera marina*	Limnol Oceanogr 63: 1528–1544	10.1002/lno.10789
Moustakas M, Malea P, Zafeirakoglou A and Sperdouli	2016	Photochemical changes and oxidative damage in the aquatic macrophyte *Cymodocea nodosa* exposed to	Pestic Biochem Physiol 126: 28–34	10.1016/j.pestbp.2015.07.003

		paraquat-induced oxidative stress		
Negri AP, Flores F, Mercurio P, Mueller JF and Collier C	2015	Lethal and sub-lethal chronic effects of the herbicide diuron on seagrass	Aquat Toxicol 165: 73–83	10.1016/j.aquatox.2015.05.007
Park SR, Kim YK, Kang CK and Lee KS	2016	Photoacclimatory Responses of *Zostera marina* in the intertidal and subtidal zones	PLOS ONE 11: e0156214	10.1371/journal.pone.0156214
Phandee S and Buapet P	2018	Photosynthetic and antioxidant responses of the tropical intertidal seagrasses *Halophila ovalis* and *Thalassia hemprichii* to moderate and high irradiances	Bot Mar 61: 247–256	10.1515/bot-2017-0084
Ralph PJ	1998	Photosynthetic response of laboratory-cultured *Halophila ovalis* to thermal stress	Mar Ecol Prog Ser 171: 123–130	10.3354/meps171123
Ralph PJ	1999	Light-induced photoinhibitory stress responses of laboratory-cultured *Halophila ovalis*	Bot Mar 42: 11–22	10.1515/BOT.1999.003
Ralph PJ	1999	Photosynthetic response of *Halophila ovalis* (R. Br.) Hook. f. to combined environmental stress	Aquat Bot 65: 83–96	10.1016/S0304-3770(99)00033-9
Ralph PJ	2000	Herbicide toxicity of *Halophila ovalis* assessed by chlorophyll a fluorescence	Aquat Bot 66: 141–152	10.1016/S0304-3770(99)00024-8
Ralph PJ and Burchett MD	1995	Photosynthetic responses of the seagrass *Halophila ovalis* (R. Br.) Hook. f. to high irradiance stress, using chlorophyll a fluorescence	Aquat Bot 51: 55–66	10.1016/0304-3770(95)00456-A
Ralph PJ and Gademann R	2005	Rapid light curves: A powerful tool to assess photosynthetic activity	Aquat Bot 82: 222–237	10.1016/j.aquabot.2005.02.006
Ralph PJ, Polk SM, Moore KA, Orth RJ and Smith Jr WO	2002	Operation of the xanthophyll cycle in the seagrass *Zostera marina* in response to variable irradiance	J Exp Mar Biol Ecol 271: 189–207	10.1016/S0022-0981(02)00047-3
Runcie JW, Paulo D, Santos R Sharon Y, Beer S and Silva J	2009	Photosynthetic responses of *Halophila stipulacea* to a light gradient. I. In situ energy partitioning of non-photochemical quenching	Aquat Biol 7: 143–152	10.3354/ab00164
Scarlett A, Donkin P, Fileman TW, Evans SV, Donkin ME	1999	Risk posed by the antifouling agent Irgarol 1051 to the seagrass, *Zostera marina*	Aquat Toxicol 45: 159–170	10.1016/S0166-445X(98)00098-8
Schubert N and Demes K	2017	Phenotypic plasticity in the marine angiosperm *Halophila decipiens* (Hydrocharitaceae, Streptophyta)	Mar Ecol Prog Ser 575: 81–93	10.3354/meps12222
Schubert N, Colombo-Pallota MF and Enriquez S	2015	Leaf and canopy scale characterization of the photoprotective response to high-light stress of the seagrass *Thalassia testudinum*	Limnol Oceanogr 60: 286–302	10.1002/lno.10024
Seddon S and Cheshire AC	2001	Photosynthetic response of *Amphibolis antarctica* and *Posidonia australis* to temperature and desiccation using chlorophyll fluorescence	Mar Ecol Prog Ser 220: 119–130	10.3354/meps220119
Sharon Y, Levitan O, Spungin	2011	Photoacclimation of the seagrass *Halophila stipulacea*	Limnol Oceanogr 56: 357–362	10.4319/lo.2011.56.1.0357

D, Berman-Frank I and Beer S		to the dim irradiance at its 48-meter depth limit		
Silva J, Barrote I, Costa MM, Albano S and Santos R	2013	Physiological responses of *Zostera marina* and *Cymodocea nodosa* to light-limitation stress	PLOS ONE 8: e81058	10.1371/journal.pone.0081058
Wahedally SF, Mamboya FA, Lyimo TJ, Bhikajee M and Bjork	2012	Short-term effects of three herbicides on the maximum quantum yield and electron transport rate of tropical seagrass *Thalassodendron ciliatum*	J Nat Appl Sci 3: 458–466	-
Wilkinson AD, Collier CJ, Flores F and Negri AP	2015	Acute and additive toxicity of ten photosystem-II herbicides to seagrass	Sci Rep 5: 17443	10.1038/srep17443
Wilkinson AD, Collier CJ, Flores F, Langlois L, Ralph PJ and Negri AP	2017	Combined effects of temperature and the herbicide diuron on Photosystem II activity of the tropical seagrass *Halophila ovalis*	Sci Rep 7: 45404	10.1038/srep45404
Wilkinson AD, Collier CJ, Flores F, Mercurio P, O'Brien J, Ralph PJ and Negri AP	2015	A miniature bioassay for testing the acute phytotoxicity of photosystem II herbicides on seagrass	PLOS ONE 10: e0117541	10.1371/journal.pone.0117541
Yang XQ, Zhang QS, Zhang D and Sheng ZT	2017	Light intensity dependent photosynthetic electron transport in eelgrass (*Zostera marina* L.)	Plant Physiol Biochem 113: 168–176	10.1016/j.plaphy.2017.02.011
York PH, Gruber RK, Hill R, Ralph PJ, Booth DJ and Macreadie PI	2013	Physiological and morphological responses of the temperate seagrass *Zostera muelleri* to multiple stressors: Investigating the interactive effects of light and temperature	PLOS ONE 8: e76377	10.1371/journal.pone.0076377
Zhang D, Zhang QS and Yang XQ	2017	Adaptive strategies of *Zostera japonica* photosynthetic electron transport in response to thermal stress	Mar Biol 143: 35	10.1007/s00227-016-3064-y

Table S2: Citations associated with the 36 accepted marine microalgae studies used in the literature review.

Author/s	Date	Title	Journal	Doi
Agarwal A, Patil S, Gharat K, Pandit RA and Lali AM	2019	Modulation in light utilization by a microalga *Asteracys* sp. under mixotrophic growth regimes	Photosynth Res 139: 553–567	10.1007/s11120-018-0526-8
Arsalane W, Paresys G, Duval JC, Wilhelm C, Conrad R and Buchel C	1993	New fluorometric device to measure the in vivo chlorophyll a fluorescence yield in microalgae and its use as a herbicide monitor	Eur J Phycol 28: 247–252	10.1080/09670269300650361
Bonente G, Pippa S, Castellano S, Bassi R and Ballottari M	2012	Acclimation of *Chlamydomonas reinhardtii* to different growth irradiances	J Biol Chem 287: 5833–5847	10.1074/jbc.M111.304279
Booij P, Sjollema SB, van der Geest HG, Leonards PEG, Lamoree MH, de Voogt WP, Admiraal W, Laane R and Vethaak AD	2015	Toxic pressure of herbicides on microalgae in Dutch estuarine and coastal waters	J Sea Res 102: 48–56	10.1016/j.seares.2015.05.001
Cao JY, Kong ZY, Ye MW, Zhang YF, Xu JL, Zhou CX, Liao K and Yan XJ	2019	Metabolomic and transcriptomic analyses reveal the effects of ultraviolet radiation deprivation on *Isochrysis galbana* at high temperature	Algal Res 38: 101424	10.1016/j.algal.2019.101424
Domingues N, Matos AR, da Silva JM and Cartaxana P	2012	Response of the diatom *Phaeodactylum tricornutum* to photooxidative stress resulting from high light exposure	PLOS ONE 7: e38162	10.1371/journal.pone.0038162
Dupraz V, Coquillé N, Ménard D, Sussarellu R, Haugarreau L and Stachowski-Haberkorn S	2016	Microalgal sensitivity varies between a diuron-resistant strain and two wild strains when exposed to diuron and irgarol, alone and in mixtures	Chemosphere 151: 241–252	10.1016/j.chemosphere.2016.02.073
Dupraz V, Stachowski-Haberkorn S, Wicquart J, Tapie N, Budzinski H and Akcha F	2019	Demonstrating the need for chemical exposure characterisation in a microplate test system: toxicity screening of sixteen pesticides on two marine microalgae	Chemosphere 221: 278–291	10.1016/j.chemosphere.2019.01.035
Figueroa FL, Jimenezi C, Lubian LM, Montero O, Lebert M and Hader DP	1997	Effects of high irradiance and temperature on photosynthesis and photoinhibition in *Nannochloropsis gaditana* Lubian (Eustigmatophyceae)	J Plant Physiol 151: 6–15	10.1016/S0176-1617(97)80030-2
Fiori E, Mazzotti M, Guerrini F and Pistocchi R	2013	Combined effects of the herbicide terbuthylazine and temperature on different flagellates from the Northern Adriatic Sea	Aquat Toxicol 128: 79–90	10.1016/j.aquatox.2012.12.001
Gordillo FJL, Jimenez C, Chavarria J and Niell FX	2011	Photosynthetic acclimation to photon irradiance and its relation to chlorophyll fluorescence and carbon assimilation in the halotolerant green alga *Dunaliella viridis*	Photosynth Res 68: 225–235	10.1023/A:1012969324756
Hennige SJ, Coyne KJ,	2013	The photobiology of *Heterosigma akashiwo*.	J Phycol 49: 349–360	10.1111/jpy.12043

MacIntyre H, Liefer J and Warner ME		Photoacclimation, diurnal periodicity, and its ability to rapidly exploit exposure to high light		
Islabao CA, Mendes CRB, Russo ADPG and Odebrecht C	2016	Effects of irradiance on growth, pigment content and photosynthetic efficiency on three peridinin-containing dinoflagellates	J Exp Mar Biol Ecol 485: 73–82	10.1016/j.jembe.2016.08.012
Janknegt PJ, De Graaff CM, Van De Poll WH, Visser RJW, Rijstenbil JW and Buma AGL	2009	Short-term antioxidative responses of 15 microalgae exposed to excessive irradiance including ultraviolet radiation	Eur J Phycol 44: 525–539	10.1080/09670260902943273
Liang Y, Beardall J and Heraud P	2006	Effect of UV radiation on growth, chlorophyll fluorescence and fatty acid composition of *Phaeodactylum tricornutum* and *Chaetoceros muelleri* (Bacillariophyceae)	Phycologia 45: 605–615	10.2216/04-61.1
Liang Y, Beardall J and Heraud P	2006	Effects of nitrogen source and UV radiation on the growth, chlorophyll fluorescence and fatty acid composition of *Phaeodactylum tricornutum* and *Chaetoceros muelleri* (Bacillarlophyceae)	J Photochem Photobiol B 82: 161–172	10.1016/j.jphotobiol.2005.11.002
Lopez-Rosales L, Gallardo-Rodriguez JJ, Sanchez-Miron A, Ceron-Garcia MD, Belarbi EH, Garcia	2014	Simultaneous effect of temperature and irradiance on growth and okadaic acid production from the marine dinoflagellate *Prorocentrum belizeanum*	Toxins 6: 229–253	10.3390/toxins6010229
Madadkar Haghjou M, Shariati M and Pozveh M	2006	The effect of low light intensities on oxidative stress induced by short-term chilling in *Dunaliella salina* Teod	Pak J Biol Sci 9: 2048–2054	10.3923/pjbs.2006.2048.2054
Magnusson M, Heimann K and Negri AP	2008	Comparative effects of herbicides on photosynthesis and growth of tropical estuarine microalgae	Mar Pollut Bull 56: 1545–1552	10.1016/j.marpolbul.2008.05.023
Magnusson M, Heimann K, Quayle P and Negri AP	2010	Additive toxicity of herbicide mixtures and comparative sensitivity of tropical benthic microalgae	Mar Pollut Bull 60: 1978–1987	10.1016/j.marpolbul.2010.07.031
Montero O, Klisch M, Hader DP and Lubian LM	2002	Comparative sensitivity of seven marine microalgae to cumulative exposure to ultraviolet-B radiation with daily increasing doses	Bot Mar 45: 305–315	10.1515/BOT.2002.030
Moro L, Pezzotti G, Turemis M, Sanchis J, Farre M, Denaro R, Giacobbe MG, Crisafi F and Giardi MT	2018	Fast pesticide pre-screening in marine environment using a green microalgae-based optical bioassay	Mar Pollut Bull 129: 212–221	10.1016/j.marpolbul.2018.02.036
Muller R, Schreiber U, Escher BI, Quayle P, Nash SNM and Mueller JF	2008	Rapid exposure assessment of PSII herbicides in surface water using a novel chlorophyll a fluorescence imaging assay	Sci Total Environ 401: 51–59	10.1016/j.scitotenv.2008.02.062
Nilawati J, Greenberg BM and Smith REH	1997	Influence of ultraviolet radiation on growth and photosynthesis of two cold ocean diatoms	J Phycol 33: 215–224	10.1111/j.0022-3646.1997.00215.x

Palacios YM, Vonshak A and Beardall J	2018	Photosynthetic and growth responses of *Nannochloropsis oculata* (Eustigmatophyceae) during batch cultures in relation to light intensity	Phycologia 57: 492–502	10.2216/17-100.1
Popels LC, MacIntyre HL, Warner ME, Zhang YH and Hutchins DA	2007	Physiological responses during dark survival and recovery in *Aureococcus anophagefferens* (Pelagophyceae)	J Phycol 43: 32–42	10.1111/j.1529-8817.2006.00303.x
Sforza E, Simionato D, Giacometti GM, Bertucco A and Morosinotto T	2012	Adjusted light and dark cycles can optimize photosynthetic efficiency in algae growing in photobioreactors	PLOS ONE 7: e38975	10.1371/journal.pone.0038975
Shelly K, Heraud P and Beardall J	2003	Interactive effects of PAR and UV-B radiation on PSII electron transport in the marine alga *Dunaliella tertiolecta* (Chlorophyceae)	J Phycol 39: 509–512	10.1046/j.1529-8817.2003.02148.x
Sjollema SB, van Beusekom SAM, van der Geest HG, Booij P, de Zwart D, Vethaak AD and Admiraal W	2014	Laboratory algal bioassays using PAM fluorometry: Effects of test conditions on the determination of herbicide and field sample toxicity	Environ Toxicol Chem 33: 1017–1022	10.1002/etc.2537
Sjollema SB, Vavourakis CD, van der Geest HG, Vethaak AD and Admiraal W	2014	Seasonal variability in irradiance affects herbicide toxicity to the marine flagellate *Dunaliella tertiolecta*	Front Mar Sci 1: 1–5	10.3389/fmars.2014.00013
Srirangan S, Sauer ML, Howard B, Dvora M, Dums J, Backman P and Sederoff H	2015	Interaction of temperature and photoperiod increases growth and oil content in the marine microalgae *Dunaliella viridis*	PLOS ONE 10: e0127562	10.1371/journal.pone.0127562
Waring J, Klenell M, Bechtold U, Underwood GJC and Baker NR	2010	Light-induced responses of oxygen photoreduction, reactive oxygen species production and scavenging in two diatom species	J Phycol 46: 1206–1217	10.1111/j.1529-8817.2010.00919.x
Xing T, Gao KS and Beardall J	2015	Response of growth and photosynthesis of *Emiliania huxleyi* to visible and UV irradiances under different light regimes	Photochem Photobiol 91: 343–349	10.1111/php.12403
Zhang LT, Li L and Liu JG	2014	Comparison of the photosynthetic characteristics of two *Isochrysis galbana* strains under high light	Bot Mar 57: 477–481	10.1515/bot-2014-0056
Zhang RT, Kong ZY, Chen SH, Ran ZS, Ye MW, Xu JL, Zhou CX, Liao K, Cao JY and Yan XJ	2017	The comparative study for physiological and biochemical mechanisms of *Thalassiosira pseudonana* and *Chaetoceros calcitrans* in response to different light intensities	Algal Res 27: 89–98	10.1016/j.algal.2017.08.026
Zhang XX, Tang XX, Zhou B, Hu SX and Wang Y	2015	Effect of enhanced UV-B radiation on photosynthetic characteristics of marine microalgae *Dunaliella salina* (Chlorophyta, Chlorophyceae)	J Exp Mar Biol Ecol 469: 27–35	10.1016/j.jembe.2015.04.002