

Table 2. Papers considered, but excluded.

Paper	Reason for Exclusion
Araujo, S. D., et al. (2005). <i>Aquaculture</i> 246: 405-412.	CO ₂ level not reported
Bach, L. T., et al. (2011). <i>Limnol Oceanogr</i> 56: 2040-2050.	Extreme CO ₂
Bartual, A., et al. (2003). <i>Canadian J Bot</i> 81: 191-200.	Extreme CO ₂
Beaufort, L., et al. (2011). <i>Nature</i> 476: 80-83.	Mixed community
Bucciarelli, E., et al. (2003). <i>Limnol Oceanogr</i> 48: 2256-2265.	CO ₂ not manipulated
Buitenhuis, E. T., et al. (1999). <i>J Phycol</i> 35: 949-959.	pH buffered separately
Cohen, R. R. H., et al. (1981). <i>Arch Hydrobiol</i> 91: 265-275.	CO ₂ not manipulated
Cohen, R. R. H., et al. (1982). <i>Archiv Hydrobiol</i> 94: 326-340.	CO ₂ not manipulated
Devgoswami, C. R., et al. (2011). <i>African J Biotech</i> 10: 13128-13138.	Extreme CO ₂
Fukuda, S., et al. (2011). <i>J Oceanogr</i> 67: 17-25.	CO ₂ level not reported
Giordano, M. (2001). <i>J Plant Physiol</i> 158: 577-581.	Extreme CO ₂
Giordano, M., et al. (1994). <i>J Phycol</i> 30: 249-257.	Extreme CO ₂
Guan, W. C., et al. (2010). <i>Chin Sci Bull</i> 55: 588-593.	Extreme alkalinity
Hama, T., et al. (2012). <i>J Oceanogr</i> 68: 183-194.	Mixed community
Hare, C. E., et al. (2007). <i>Mar Ecol Prog Ser</i> 352: 9-16.	Mixed community
Hennon, G. M. M., et al. (2014). <i>J Phycol</i> 50: 243-253.	Chemostat
Hiwatari, T., et al. (1995). <i>Energy Convers and Manage</i> 36: 779-782.	Extreme CO ₂
Hu, H. H., et al. (2008). <i>Chin J Oceanol Limnol</i> 26: 407-414.	No growth rate reported
Hutchins, D. A., et al. (2013). <i>Nature Geoscience</i> 6: 790-795.	No growth rate reported
Jaworski, G. H. M., et al. (1981). <i>British Phycol J</i> 16: 395-410.	CO ₂ level not reported
Johnston, A. M., et al. (1992). <i>Mar Ecol Prog Ser</i> 87: 295-300.	CO ₂ not manipulated
Leonardos, N., et al. (2009). <i>J Phycol</i> 45: 1046-1051.	CO ₂ not manipulated

Paper	Reason for Exclusion
Low-Decarie, E., et al. (2011). <i>Global Change Biol</i> 17: 2525-2535.	pH buffered separately
Low-Decarie, E., et al. (2013). <i>Philos T R Soc B</i> 280.	Freshwater
Matthiessen, B., et al. (2012). <i>Biogeosciences</i> 9: 1195-1203.	No growth rate reported
Mercado, J. M., et al. (2011). <i>Photosynthesis Res</i> 109: 257-267.	CO ₂ not manipulated
Meseck, S. L., et al. (2007). <i>J Appl Phycol</i> 19: 229-237.	CO ₂ level not reported
Moheimani, N. R., et al. (2011). <i>Appl Microbiol Biotechnol</i> 90: 1399-1407.	CO ₂ not manipulated
Muller, M. N., et al. (2012). <i>Biogeosciences</i> 9: 4155-4167.	Data unconvertible
Muller, M. N., et al. (2010). <i>Biogeosciences</i> 7: 1109-1116.	Chemostat
Nimer, N. A., et al. (1994). <i>Mar Ecol Prog Ser</i> 109: 257-262.	pH buffered separately
Pedrotti, M. L., et al. (2012). <i>J Plankton Res</i> 34: 388-398.	No growth rate reported
Picardo, M. C., et al. (2013). <i>Bioresour Technol</i> 143: 242-250.	Extreme CO ₂
Qiu, B. S., et al. (2002). <i>J Phycol</i> 38: 721-729.	Freshwater
Raghavan, G., et al. (2008). <i>Aquacult Res</i> 39: 1053-1058.	Retracted
Riebesell, U., et al. (2000). <i>Nature</i> 407: 364-367.	Misplotted according to Zondervan 2001
Rodriguez-Buey, M., et al. (2001). <i>J Plant Physiol</i> 158: 325-334.	Freshwater
Rossoll, D., et al. (2012). <i>Plos One</i> 7.	No growth rate reported
Sciandra, A., et al. (2003). <i>Mar Ecol Prog Ser</i> 261: 111-122.	Chemostat
Shi, D., et al. (2009). <i>Biogeosciences</i> 6: 1199-1207.	pH buffered separately
Spijkerman, E. (2010). <i>J Phycol</i> 46: 658-664.	Freshwater
Sugie, K., et al. (2013). <i>J Phycol</i> 49: 475-488.	Data unconvertable
Urabe, J., et al. (2009). <i>Global Change Biol</i> 15: 523-531.	Freshwater
Wannicke, N., et al. (2012). <i>Biogeosciences</i> 9: 2973-2988.	No growth rate reported
Xia, J. R., et al. (2003). <i>Fish Sci</i> 69: 767-771.	Freshwater

Paper	Reason for Exclusion
Yang, Y., et al. (2003). J Appl Phycol 15: 379-389.	Freshwater
Zhang, Y., et al. (2012). Eur J Phycol 47: 1-11.	Freshwater
Zondervan, I., et al. (2001). Global Biogeochem Cycles 15: 507-516.	No growth rate reported
