

Journal Publications 2000

1. Cullen, J.T., T.W. Lane, F.M. M. Morel, and R.M. Sherrell, "Modulation of cadmium uptake in phytoplankton by seawater CO₂ concentration.", *Nature*, 402: 165-167 (1999).
2. Lane, T.W. and F.M.M. Morel. "Regulation of carbonic anhydrase expression by zinc, cobalt, and carbon dioxide in the marine diatom *Thalassiosira weissflogii*.", *Plant Physiology*, 123: 345-352. (2000).
3. Lane, T.W. and F.M.M. Morel. "A biological function for cadmium in marine diatoms." *PNAS*, 97: 4627-4631. (2000).
4. Tortell, P.D., G.H. Rau, and F.M.M. Morel. "Inorganic carbon acquisition in coastal Pacific phytoplankton communities." *Limnol. Oceanogr.*, (in press).
5. Reinfelder, J.R., A.M. L. Kraepiel, and F.M.M. Morel. "Unicellular C₄ photosynthesis in a marine diatom." *Nature*, (submitted).
6. Cox, E.H., G.L. McLendon, F.M.M. Morel, R.C. Prince, I.J. Pickering, and G.N. George. "The active site structure of *Thalassiosira weissflogii* carbonic anhydrase 1." *Biochemistry*, (submitted).
7. Kraepiel, A.M.L., I. Schaperdoth, T.W. Lane, and F.M.M. Morel. "Localization of carbonic anhydrase in diatoms.", *Plant Physiology*, (submitted).