

Interactive comment on “Environmental controls on the elemental composition of a Southern Hemisphere strain of the coccolithophore *Emiliana huxleyi*” by Yuanyuan Feng et al.

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This work on Ehux elemental composition provides a valuable companion to the physiological parameters (growth, photosynthetic and calcification rates) from the very same experiments, as already published in *Limnol., Oceanogr.* 62, 519-540 (2017). While the work is limited to a single New Zealand Ehux culture strain, isolated in 2009, the overall experimental set-up of comparing the impact 5 environmental drivers (on their own, with all other drivers kept at those of the stock culture conditions) is interesting. The limitations of the work in predicting global Ehux climate responses are carefully defined.

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