

***Interactive comment on* “Changes in coccolith calcification under stable atmospheric CO₂” by C. Bauke et al.**

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I would like to draw the author’s attention to the following references dealing with coccolith geometry. Considering the findings of these studies might provide additional input for the discussion section of the manuscript.

Gibbs, SJ et al. (2013). Species-specific growth response of coccolithophores to Palaeocene–Eocene environmental change. *Nature Geoscience* 6, 218–222.

Müller, MN et al. (2013). Influence of CO₂ and nitrogen limitation on the coccolith volume of *Emiliana huxleyi* (Haptophyta). *Biogeosciences* 9, 4155–4167.

Triantaphylloua, M et al. (2010). Seasonal variation in *Emiliana huxleyi* coccolith morphology and calcification in the Aegean Sea (Eastern Mediterranean). *Geobios* 43,

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Henderiks, J (2008). Coccolithophore size rules - Reconstructing ancient cell geometry and cellular calcite quota from fossil coccoliths. *Mar. Micropaleontol.* 67, 143–154.

Interactive comment on Biogeosciences Discuss., 10, 9415, 2013.

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10, C3244–C3245, 2013

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