

***Interactive comment on “Calcification, a physiological process to be considered in the context of the whole organism” by H. S. Findlay et al.***

**Anonymous Referee #2**

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The manuscript claims to show that in some species of benthic calcifiers calcification increases with increasing CO<sub>2</sub>. Unfortunately the data presented, changes percent Ca<sup>2+</sup> of total CaCO<sub>3</sub> material, is not a true measure of net calcification. What is needed for this discussion is the change in total skeletal mass of CaCO<sub>3</sub> over time. Instead what is presented are changes in the Ca composition of a unit amount of skeletal material. I don't know why this decision was made. The authors show some interesting changes but they are not germane to the main topic of the manuscript. They are other crucial details that are not provided but I see no point to go into them.

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Interactive comment on Biogeosciences Discuss., 6, 2267, 2009.