

***Interactive comment on “Exploring B/Ca as a pH proxy in bivalves: relationships between *Mytilus californianus* B/Ca and environmental data from the northeast Pacific” by S. J. McCoy et al.***

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This is another example of a nicely written paper, with data of high quality, which has very little significance because the correlations (Fig. 6) between the B/Ca and e.g. temperature or pH are so weak that there is really nothing to discuss. But there is not much the authors can do about this.

I would have liked to see in the text at least a reference, but preferentially a discussion of the recent paper by Rollion-Bard et al (GCA 2011) in which the speciation of B in a coral skeleton was investigated and found to be a lot more complex than previously thought.

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Sincerely Yours, Anders Meibom

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