



Correction to “Disentangling the biological and environmental control of *M. edulis* shell chemistry”

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Components: 200 words, 3 figures.

Keywords: *Mytilus edulis*; biological control; proxy archive; shell chemistry.

Index Terms: 0424 Biogeosciences: Biosignatures and proxies; 1050 Geochemistry: Marine geochemistry (4835, 4845, 4850); 1065 Geochemistry: Major and trace element geochemistry; 9900 Corrections.

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[1] In the paper “Disentangling the biological and environmental control of *M. edulis* shell chemistry” by Heinemann et al. (2011), published in *Geochem. Geophys. Geosyst.*, 12, Q03009 (doi:10.1029/

2010GC003340), incorrect versions of Figures 3, 4, and 5 were published. The correct Figures 3, 4, and 5 and their captions appear here.

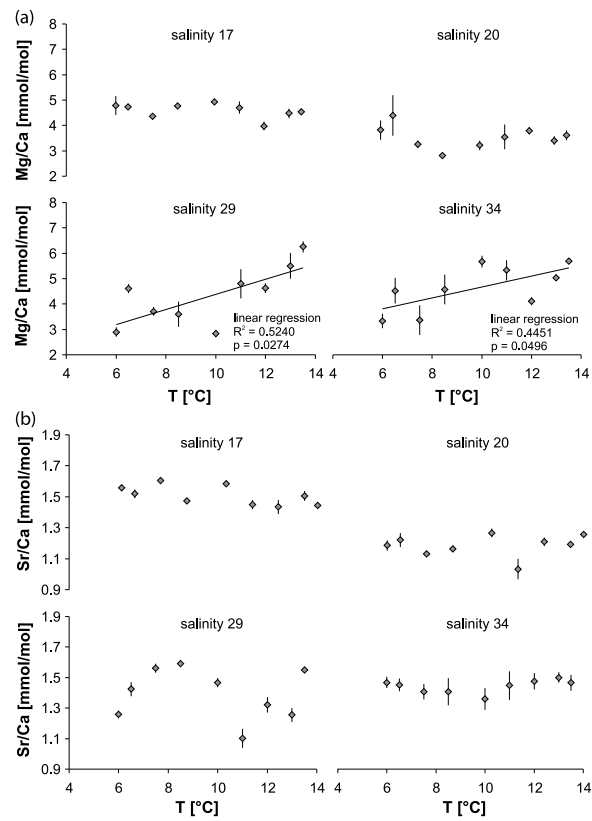


Figure 3. (a) Mg/Ca and (b) Sr/Ca ratios of the different salinity treatments in comparison to temperature. Each data point represents the median of all laser spots in the considered part of the shell grown of a given temperature period. Errors are given as SE.

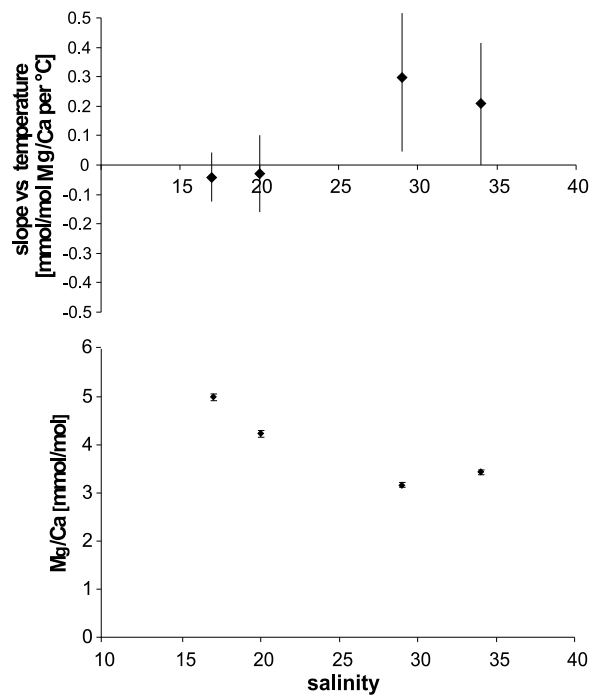


Figure 4. Temperature effects on Mg/Ca ratios and influence of salinity during constant temperature treatment (6°C). Errors are given as confidence interval (top) and as typical measurement error (2SD, bottom). A nonoverlap between CI bars among each other or with the zero line indicates significant differences. Regressions are calculated with $n = 9$ and represent the means of different temperature levels.

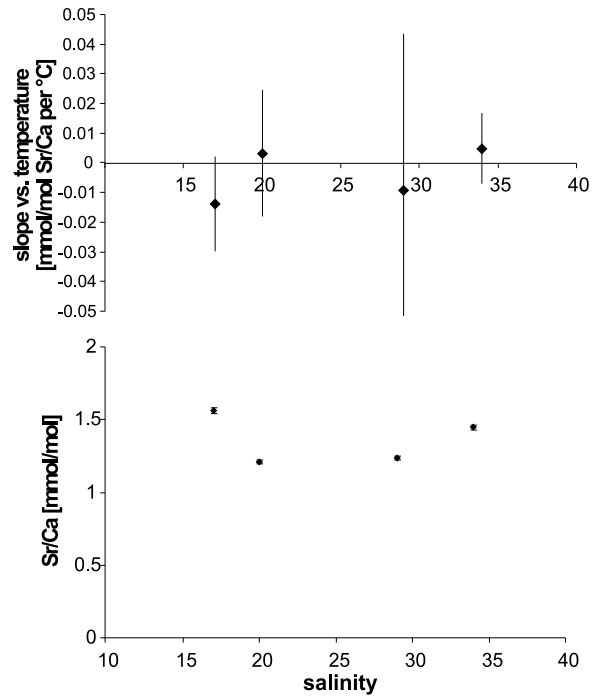


Figure 5. Temperature effects on Sr/Ca ratios and influence of salinity during constant temperature treatment (6°C). Errors are given as confidence interval (top) and as typical measurement error (2SD, bottom). A nonoverlap between CI bars among each other or with the zero line indicates significant differences. Regressions are calculated with $n = 9$ and represent the means of different temperature levels.