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## Manuscript Submission

Dear Editors,

I am pleased to submit our manuscript entitled "*Confirmation of Mg/Ca ratios as palaeothermometers in Atlantic limpet shells*" for consideration for publication in your special issue. We are aware that this research was not part of the Sclerochronology conference of last year and that its submission was not previously announced. Nevertheless, we believe that it is a worthwhile contribution to the special issue and hope that you will agree.

In this study we took on the disagreeing results of the use of Mg/Ca ratios in Atlantic limpets as temperature proxies and provide a new high-resolution dataset, that explains previous inaccuracies. In addition, we provide new high-resolution data on modern and archaeological specimens from Orkney and Tierra del Fuego, that can be used as a reliable basis to further develop sclerochronological research in those areas.

Potential reviewers are mentioned in the metadata of the submission.

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Sincerely on behalf of my co-authors,  
Niklas Hausmann