

## ***Interactive comment on* “Calcium carbonates: Induced biomineralization vs. controlled macromorphology?” by Aileen Meier et al.**

**Aileen Meier et al.**

erika.kothe@uni-jena.de

Received and published: 25 July 2017

I will try to upload the marked changes again. In case I fail again, here are the changes as requested by the reviewers:

Title: changed to Calcium carbonates: Induced biomineralization with controlled macromorphology

Abstract: macro-morphologies changed to "morphologies" aotic changed to "abiotic"

Introduction: citation included: "(Castanier et al., 1999)".

Material and Methods, 2.5 Quantification: included the calculation basics: "For calculation of yearly biomineral formation, we used the amount produced in our cultures

Printer-friendly version

Discussion paper



(approx. 100 mg) during the time of incubation (3 weeks) to calculate how much this would make in 52 weeks, a full year. 1700 mg would be the result of such an approximate calculation for new mineral formation during a year. This is an underestimation, since the nucleation time is needed only once."

Again, we thank the reviewers for their valuable comments!

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2017-251/bg-2017-251-AC4-supplement.pdf>

---

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2017-251>, 2017.

**BGD**

Interactive  
comment

Printer-friendly version

Discussion paper

