Dear Dr. Bach:

I have read your revised version and I am happy to inform you that your paper is now accepted for publication. However, while reading I identified a few minor typos that need correction before uploading the final version to be published.

Line 37. Point missing after 2018).
Line 97: add space between carbonates (Torres...)
Line 410: rewrite to ax^2+bx+c, i.e. remove* and use superscript
Line 658: typo in Alknon-carbonate...
Line 728: add space before (Middelburg...
Line 777: add space before (Krumins...)

Thank you for submitting to Biogeosciences. I am looking forward seeing it in print.

Best regards,

Jack Middelburg, Associate Editor

REPLY:

Dear Dr. Middelburg,

Thank you for editing this manuscript and your kind and constructive comments. I implemented your remaining suggestions and found a few more typos that were corrected (all changes listed below).

Kind regards,

Lennart Bach

1) Changed “Lennart T. Bach” to “Lennart Thomas Bach” (Line 3).
2) Added point after Nemet reference (Line 37).
3) Added comma after all occurrences of “i.e.” and “e.g.” as was suggested by the grammar autocorrection of MS Word.
4) Added a space between carbonates and Torres reference (Line 96).
5) Added a missing “)” when referring to Table S1 (Line 137).
6) Changed the reference to “section 2.4.” to reference to “section 2.3.” (Line 203).
7) Added “(total scale)” to indicate on which pH scale pH was reported (Line 234).
8) Added Lewis and Perkins reference to the reference list. Paper was cited before but not listed in the reference list so far (Line 298).
9) Deleted “in the following cases” as this was confusing (Line 338).
10) Changed “eq. (7)” to “eq. (6)” (Line 386)
11) Removed “*” and used superscript as suggested by the Editor (Line 409).
12) All references cited here were listed twice, thus one of each was removed (Line 478).
13) Changed “alkalinity” to “ΔAlkalinity” (Line 566).
14) Corrected typo in “non-carbonate” (Line 657).
15) Added space before (Middelburg et al., 2020) (Line 727).
16) Added the following statement to the acknowledgement: “I also Jack Middelburg for editing the manuscript and Matt Eisaman, Adam Subhas, and two anonymous reviewers for their constructive review.” (Line 853).
17) Changed “Fig. 2” to “Fig. 3” in supplement (Line 13)
18) Changed “before their crushing” to “before they were crushed” in the supplement (Line 35).