

Biogeosciences Discuss., referee comment RC1 https://doi.org/10.5194/bg-2021-56-RC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Comment on bg-2021-56

Johann Hohenegger (Referee)

Referee comment on "Atypical, high-diversity assemblages of foraminifera in a mangrove estuary in northern Brazil" by Nisan Sariaslan and Martin R. Langer, Biogeosciences Discuss., https://doi.org/10.5194/bg-2021-56-RC1, 2021

This is a very good paper about the atypical presence of mangrove foraminfera based on high salinity resistence in the mangrove areas of northeastern Brazil.

The methodology uses the common statistical methods, where I do not aggre with the counting of specimens resticted to around 300 specimens. The density (standing crop) depends in that case on the sample sizes and can be strongyl biased by different sample sizes. Nevertheless, this method is commonly used and does not really disturb the results even when sample sizes have been more or less equal.

The results and discusiion is clear and the paper should be printed with the few exceptions I send as an attached word file.

I did not correct the succesion of articles in the reference list not the correct citations. This is an editoral job

Please also note the supplement to this comment: <a href="https://bg.copernicus.org/preprints/bg-2021-56/bg-2021-56-RC1-supplement.pdf">https://bg.copernicus.org/preprints/bg-2021-56/bg-2021-56-RC1-supplement.pdf</a>