

Biogeosciences Discuss., referee comment RC1  
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## **Comment on bg-2021-56**

Johann Hohenegger (Referee)

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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

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

The methodology uses the common statistical methods, where I do not agree with the counting of specimens restricted to around 300 specimens. The density (standing crop) depends in that case on the sample sizes and can be strongly 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 discussion is clear and the paper should be printed with the few exceptions I send as an attached word file.

I did not correct the succession of articles in the reference list nor the correct citations. This is an editorial job

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