

The study by Tapia et al. showed a new and relevant planktic foraminifera dataset off Indonesia, and presented the implications of their results to paleoceanographic works using foraminiferal proxies. The manuscript is very well written and fits the scope of the journal. I recommend the acceptance of this manuscript after very minor revisions.

Major comments:

1. The authors need to distinguish habitat depth and calcification depth. They should write some sentences to explain the difference between these two. Also, when comparing their plankton net results with the surface sediment samples, they should mention that the surface sediment samples provide an estimation of calcification depth and not habitat depth. Maybe some of the discrepancies between plankton net and surface sediment samples reported by the authors are related to this issue.
2. L303: The authors should discuss a little bit more their findings regarding synchronized reproduction. How they compare with other studies? The authors show only results for the size, but not for the abundance of species before and after the full moon. I suggest that they discuss more about synchronized reproduction, showing the abundance data before and after the full moon, and comparing the findings with other studies.

Minor comments:

L163: The authors describe how they have defined the thermal mixed layer depth. The approach used to define the MLD is different from the one of Boyer Montégut et al. (2004). I suggest that they have a look at this work to see if there is any difference in MLD estimations using different approaches.

de Boyer Montégut, C., Madec, G., Fischer, A. S., Lazar, A., and Iudicone, D. (2004), Mixed layer depth over the global ocean: An examination of profile data and a profile-based climatology, *J. Geophys. Res.*, 109, C12003, doi:10.1029/2004JC002378.

L203: Close the parentheses in the sentence