

Interactive comment on “A database of paleoceanographic sediment cores from the North Pacific, 1951–2016” by Marisa Borreggine et al.

T. M. Cronin

tcronin@usgs.gov

Received and published: 22 June 2017

This is a very useful compilation, and the authors are complimented on their hard work. It would be nice to have follow ups for other parts of the world's oceans. For this study, limitations include that only cores north of 30deg N were included. The paper needs critical discussion of cores having benthic O18 stratigraphy and magnetostratigraphy seems missing too. These are essential for anyone seeking to identify cores useful in Quaternary paleoceanography. Which raises the question, do the authors know the oldest sediments deposited in the cores, or at least some of them. I raised the cruise report topic too. Can they discuss briefly the quality of cruise reports for non-DSDP-ODP cores? Is there a repository for cruise reports or PDFs of older reports? These resources would be critical for cores not yet published on.

C1

So i suggest minor revision. I made a few comments in the attached PDF supplement.

Please also note the supplement to this comment:

<http://www.earth-syst-sci-data-discuss.net/essd-2017-49/essd-2017-49-SC1-supplement.pdf>

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-49>, 2017.

C2