

We want to express our gratitude to Anonymous Reviewer 1, Timothy Heaton (Reviewer 2), and Luke Skinner (the Editor) for their valuable feedback and time invested in reviewing our manuscript. Based on their comments, we have made revisions to improve the description of the data used to construct the prior and we have moved this description from section S1 and section 3.2. Specifically we hope to have clarified that the prior includes data from 37 ocean sediment cores after the quality control. The cores are listed in table S1 and their locations are displayed in Figure 1.

Thank you,
Devin Rand