

Review of Manuscript: egosphere-2023-2363

Title: 120 years of sea-ice cover on the Northeast Greenland continental shelf: a biomarker and observational record comparison

by Joanna Davies et al. 2023

Thank you again for considering my comments and suggestions. Below some final comments before the manuscript may be acceptable for publication

1. In your revised manuscript you state that “you use organic bulk parameter data only to normalize the sea-ice biomarker data in this study”. I think you should consequently do so. Remove Figure 3 and adjust chapter 4.2. Also remove lines 356-359 as you use XRF data only for “precise core correlation”.
2. Check sentence in line 352 starting with “However, the reversal...” I think the sentence is incomplete.
3. Line 298: Should it be “The ratio of Bra/24-Me is high in the lower part of core 134R....?”
4. Line 308: “Degradation products gradually increase from 8 cm in...”

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