

Interactive comment on “Export fluxes in a naturally fertilized area of the Southern Ocean, the Kerguelen Plateau: ecological vectors of carbon and biogenic silica to depth (Part 2)” by Rembauville et al.

Response to the reviewer #2.

We thank the anonymous referee #2 for the suggested editorial. We took into account these modifications into the new version of the manuscript attached as a supplement to this answer.

R2-Cx: Reviewer’s comment, R2-Rx: authors response.

R2-C1. This is an interesting paper that should be accepted after editorial revision. Suggestions for improvement are given below by page and line number. Many of these are to maintain consistency in hyphenating double-word adjectives.

R2-R1: We thank the anonymous referee #2 for finding the manuscript interesting and worthy of publication in Biogeosciences.

R2-C2. Title: hyphenate “naturally-fertilized”

R2-R2: We modified the title.

MS change: “Export fluxes in a naturally iron-fertilized area of the Southern Ocean: importance of diatom spores and faecal pellet for export (part 2).”

R2-C3. 17090, line 14: change “it’s” to “its”

Change made.

R2-C4. 17105, line 7: change “Small” to “small”

R2-R4. We choose to retain the capital letter because we refer specifically to a category of diatom (the capital is used in all figures and tables).

R2-C5. 17110, line 18: change “diatoms” to “diatom”

R2-R5. Change implemented.

R2-C6. 17110, line 26: change “copepods” “copepod”

R2-R6. Change implemented.

R2-C7. 17111, line 12: change “summer, Mosseri” to “summer (Mosseri”

R2-R7. Change implemented.

R2-C8. 17111, line 17: change “Although diatoms resting spores are” to “Although diatom resting spores were”

R2-R8. Change implemented.

R2-C9. 17111 line 26: change “pellet” to “pellets”

R2-R9. Change implemented.

R2-C10. 17112, line 5: change “have” to “has”

R2-R10. Change implemented.

R2-C11. 17112, line 14: change “There are” to “There were”

R2-R11. Change implemented.

R2-C12. 17112, line 17: change “towards” to “toward”

R2-R12. Change implemented.

R2-C13. 17112, line 19: hyphenate “three-fold”

R2-R13. Change implemented.

R2-C14. 17113, line 10: change “dominate” to “dominated”

R2-R4. Change implemented.

R2-C15. 17113, line 17: change “are” to “were”

R2-R15. Change implemented.

R2-C16. 17113, line 18: change “this” to “these”

R2-R16. Change implemented.

R2-C17. 17113, line 22: change “dynamic of euphausiids and salps abundances” to “dynamics of euphausiid and salp abundances”

R2-R17. Change implemented.

R2-C18. 17115, line 17: change “genera have” to “genus has”

R2-R18. Change implemented.

R2-C19. 17115, line 29: hyphenate “non-fertilized”

R2-R19. Change implemented.

R2-C20. 17116, line 13: change “importance these” to “importance that these”

R2-R20. Change implemented.

R2-C21. 17116, line 17: hyphenate “sediment-trap”

R2-R21. Authors usually use “sediment trap”.

R2-C22. 17118, line 7: hyphenate “sediment-trap”

R2-R22. Authors usually use “sediment trap”.

R2-C23. 17119, line 3: change “data suggests” to “data suggest”

R2-R23. Change implemented.

R2-C24. 17119, line 20: change: “diatoms” to “diatom”

R2-R24. Change implemented.