

Interactive comment on “Review Article: How does glacier discharge affect marine biogeochemistry and primary production in the Arctic?” by Mark J. Hopwood et al.

Martyn Tranter

m.tranter@bristol.ac.uk

Received and published: 25 June 2019

A paper,

The biogeochemical impact of glacial meltwater from Southwest Greenland, by Hendry et al has just been accepted by Progress in Oceanography.

<https://doi.org/10.1016/j.pocean.2019.102126>

The highlights are:

"Novel multi-disciplinary approach to tracing freshwater and particle transport into

C1

boundary currents.

Significant glacial inputs reach coastal waters and are transported rapidly offshore.

Low surface water dissolved silicon concentrations maintained by diatom activity despite strong glacial and benthic supplies".

I guess that the processes described in this paper and their consequences should be included in the review for completeness.

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-136>, 2019.

C2