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## ***Interactive comment on “The role of airborne volcanic ash for the surface ocean biogeochemical iron-cycle: a review” by S. Duggen et al.***

**S. Duggen et al.**

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Reply to Paul Frogner-Kockums comments.

The reviewer stresses that a review article in this research field is important for a better understanding of the biogeochemical surface ocean iron-cycle. He states that the manuscript is well written, informative and will be of use to scientists from a wide range of scientific disciplines. PFK welcomes our article after very minor revision. We thank Paul Frogner-Kockum for his feed-back and suggestions.

The referee’s main concern regards section 4.1.2 Sampling with snow. PFK provides convincing arguments that contamination with snow was not an issue during the sampling of the Hekla ash sample. Moreover, pristine ash samples for Fe-release studies

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are only very rarely sampled in snowfields so that a discussion about the possibility of snow contamination currently is only of very minor relevance for this research focus. We therefore omitted section 4.1.2 Sampling with snow.

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Interactive comment on Biogeosciences Discuss., 6, 6441, 2009.

**BGD**

6, C4360–C4361, 2010

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