

## ***Interactive comment on “Evidence for biological shaping of hair ice” by D. Hofmann et al.***

**Anonymous Referee #2**

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Hairy ice represents a problem which was described as the “fungus hypothesis” about 100 years ago for the first time. The used experimental setup in order to evidence the biological shaping is based on methods being state of the art. The fact, that melted hair ice contains organic matter was clearly shown by ultrahigh resolution ESI-FTICR mass spectrometry. This method is known as a common effective tool for investigating such complex mixtures of thousands different compounds in organic matter which is also reflected in corresponding cited papers. The short discussion of the different treatments is precisely. The fungus hypothesis by Wegener could be evidenced by the presented nice paper. It can be recommended for publication in Biogeosciences.

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Interactive comment on Biogeosciences Discuss., 12, 5293, 2015.