

Interactive comment on “High Summertime Aerosol Organic Functional Group Concentrations from Marine and Seabird Sources at Ross Island, Antarctica, during AWARE” by Jun Liu et al.

Anonymous Referee #2

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The current paper reports organic concentration and speciation of aerosol organic functional groups during AWARE. There is a lack of measurements in the study region and these measurements are very timely. However, the paper is poorly written and it is not recommended for publication in ACP. A more specialized lower impact factor journal is recommended.

Major issues:

- The paper does not present any introduction of the aerosol composition in Antarctica. Mostly, the introduction seems a report of the history of a specific station. - Scientific questions and objectives are really not presented, neither discussed or summarized.

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- After reading a paper a number of times, and looking at the figures, one can argue the main results are the impact of sea birds and marine sources in Antarctica. Not surprisingly at all, the reader does not understand if this is simply a bad measurement site (bad luck) or if the study has any implication.

I am afraid I cannot be any positive at this stage.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-1225>, 2018.

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