

***Interactive comment on “Low-molecular-weight hydroxyacids in marine atmospheric aerosol: evidence of a marine microbial origin” by Y. Miyazaki et al.***

**Anonymous Referee #1**

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The paper presents a very clear and concise description of the measurements of low molecular weight hydroxyacids in marine aerosol during a cruise in the North Pacific. The results are placed into the context of published work on microbial sources of these acids which allows the authors to suggest a microbial origin for the compounds in marine aerosol. In addition, a comparison of the concentrations of LA and GA to seawater chlorophyll and relative humidity allows the authors to suggest sources and formation pathways for the two compounds. I recommend that the paper be published as is.

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