

Interactive comment on “High levels of primary biogenic organic aerosols in the atmosphere in summer are driven by only a few microbial taxa from the leaves of surrounding plants” by Abdoulaye Samaké et al.

Anonymous Referee #1

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This manuscript presents a study on the connection between organic tracers and microbial taxa and it also points to the important contribution of leaves from surrounding vegetations. The manuscript is well prepared and the results and findings are very interesting and of importance for the fellow researchers. It could be accepted for publication in the journal.

- (1) The title can be shortened or modified to make it concise and highlighted.
- (2) L12-13: The specific taxa of bacterials and fungi as the major contributors of PBOA

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could be highlighted in the Abstract.

- (3) As mentioned in Section 2.1, the meteorological data were collected during the campaign. How about the influence of these environmental factors such as temperature, humidity and so on which were suggested to be essential for the release of primary biological aerosols?

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-1147>, 2020.

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