

Interactive comment on “Contrasting Local and Long-Range Transported Warm Ice-Nucleating Particles During an Atmospheric River in Coastal California, USA” by Andrew C. Martin et al.

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Received and published: 13 August 2018

It is well known that decomposed vegetation is a prolific source of atmospheric ice nuclei active at warm temperatures. There is a strong possibility that the active ice nuclei you observed and attributed to long-range transport from terrestrial sources are such nuclei. Two earlier studies discussing these sources are:

Schnell, R. C. and G. Vali: World-wide Source of Leaf-derived Freezing Nuclei, *Nature*, 246, 212, 1973.

Schnell, R. C. and Vali, G.: Biogenic ice nuclei: part I. Terrestrial and marine sources,

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J. Atmos. Sci. 33, 1554–1564, 1976.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-702>, 2018.

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