

Authors note to the editor concerning the “author’s certification” statement

Re: Small change to Figure 4c since the acceptance of our ACP manuscript

The results presented in this manuscript were obtained using our home-built drop Freezing Ice Nuclei Counter (FINC) instrument which is part of a method development and intercomparison study currently under review in AMTD (amt-2020-414) entitled, “Development of the drop Freezing Ice Nuclei Counter (FINC), intercomparison of droplet freezing techniques, and use of soluble lignin as an atmospheric ice nucleation standard” co-authored by Anna J. Miller, Killian P. Brennan, Claudia Mignani, Jörg Wieder, Robert O. David, and Nadine Borduas-Dedekind.

Since the acceptance of our ACP manuscript, we identified an issue with one of the intercomparison instruments, leading to a small change in the amt-2020-414 manuscript (Miller et al. (2020)) parameterization slope which we also depict in Figure 4c of our ACP manuscript. The slope changed from $n_m = \exp(-0.49 \cdot T - 1.2)$ to $n_m = \exp(-0.558 \cdot T - 3.12)$. The equation of the parameterization has now been updated in our manuscript and in Figure 4c. This parameterization does not change our conclusions in any way, but we wanted to be transparent and communicate to the editor that our current manuscript submission has this small change in Figure 4c.

Sincerely,



Nadine Borduas-Dedekind, PhD

SNSF Ambizione principal investigator
Institute for Biogeochemistry and Pollutant Dynamics
Institute for Atmospheric and Climate Science
ETH Zürich
Universitätstrasse 16
8092 Zürich, Switzerland
Office: CHN O 16.2
Phone: +41 44 632 7315
E-Mail: nadine.borduas@usys.ethz.ch
Twitter: @nadineborduas
Group webpage: www.atmoschemgroup.org