



Corrigendum to **“Radiative forcing of anthropogenic aerosols on cirrus clouds using a hybrid ice nucleation scheme” published in Atmos. Chem. Phys., 20, 7801–7827, 2020**

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Published: 18 March 2021

There were some mistakes in the RH_i threshold in Table 1, but the conclusion and results of the above paper will not change. Table 1 should be replaced by the following.

Table 1. Summary of assumptions for aerosols to be effective INPs in the model.

Aerosol component	Assumption to be effective INPs
Fossil/bio-fuel OM–BC	0.05 % of fSoot with fewer than one monolayer of sulfate and 0.1 % with one to three monolayers of sulfate when RH_i reaches 135 %
Biomass OM–BC	0.1 % of bSoot when RH_i reaches 135 %
Aircraft OM–BC	Pre-activated aircraft soot within contrails with fewer than three monolayers of sulfate when RH_i reaches 135 %
Dust	Dust with fewer than three monolayers of sulfate coating when RH_i reaches 120 %
SOA	The newly formed SOA grows to the accumulation mode and meets the requirements of the glass transition temperature and RH_i calculated using the equations in Wang et al. (2012) when RH_i reaches 135 %