

CORRECTION

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Correction: Concentrations and properties of ice nucleating substances in exudates from Antarctic sea-ice diatoms

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Correction for 'Concentrations and properties of ice nucleating substances in exudates from Antarctic sea-ice diatoms' by Yu Xi et al., *Environ. Sci.: Processes Impacts*, 2021, 23, 323–334, DOI: 10.1039/D0EM00398K.

In Fig. 4 of the original paper, the wrong data was plotted for *Skeletonema marinoi*. Mistakenly, the authors plotted the number of INS per mass of DOC instead of the number of INS per mass of total material for *Skeletonema marinoi*. The correct Fig. 4 is shown below. The conclusion reached from the comparison of INS concentrations of different diatom samples in the original paper was that the ice nucleating abilities of sea-ice diatom and temperate diatom samples were similar. The correct Fig. 4 provides stronger support for this conclusion. Some of the references in the original caption were incorrect and the new, correct references have now been added in the caption below.

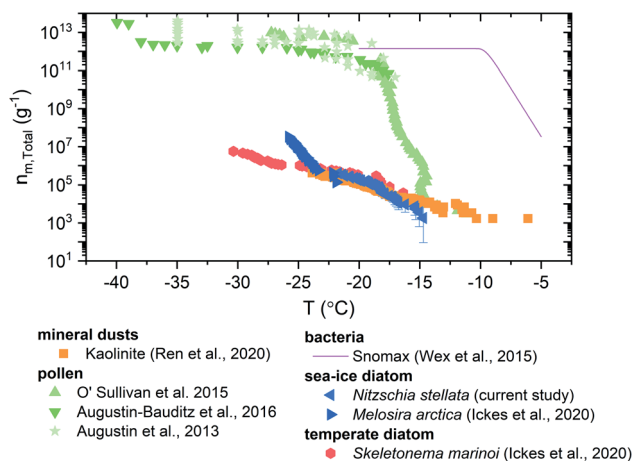


Fig. 4 Number of INSs per mass of total material, $n_{m, \text{total}}$, for the *Nitzschia* supernatant sample and cultured sea ice diatom and temperate diatom samples from Ickes et al.¹ For the cultured samples, the total mass of material in the cultures was estimated using their reported number of cells¹ and assuming a cell density of 1 g cm^{-3} and cell volume of 653 and $125 \text{ } \mu\text{m}^3$ for *Melosira arctica* and *Skeletonema marinoi* respectively.² The error bars were calculated based on 95% confidence intervals from the nucleation statistics.³ Also included for comparison are INSs per mass of material for other atmospherically relevant INSs.^{1,4–8}

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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