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Corrigendum: Modeled energetics of bacterial communities in ancient subzero brines

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KEYWORDS

cryopeg, Arctic, extremophiles, permafrost, maintenance energy

A corrigendum on Modeled energetics of bacterial communities in ancient subzero brines

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In the published article, there was an error. The temperature of the permafrost is incorrectly characterized as near-constant; although temperature was always below freezing, some changes occurred during the period considered.

A correction has been made to Material and Methods, Model assumptions and limitations, 2. This sentence previously stated:

“The assumption is not unreasonable given the hydrological isolation of the brines and the near-constant temperatures that have kept their surroundings frozen throughout their lifetimes (Iwahana et al., 2021; Osman et al., 2021).”

The corrected sentence appears below:

“The assumption is not unreasonable given the hydrological isolation of the brines and the temperatures that have kept their surroundings frozen throughout their lifetimes (Iwahana et al., 2021; Osman et al., 2021).”

There was another error resulting from a typo. The stated exponent for the value of dissolved inorganic carbon in CBIW is incorrect because the multiplier 10 was typed twice.

A correction has been made to Results, Brine dissolved inorganic carbon, 1. This sentence previously stated:

“The dissolved inorganic carbon content of frozen sediment from CBIW (in 2018) was $4.9 \times 10 \times 10^{10}$ fg C mL⁻¹”.

The corrected sentence appears below:

“The dissolved inorganic carbon content of frozen sediment from CBIW (in 2018) was 4.9×10^{10} fg C mL⁻¹”.

The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

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