

Re-Review of the TC manuscript "Variability of internal Snow properties over Antarctic late summer sea ice on different spatial scales" by Paul et al.

The authors carefully considered the review comments and improved the manuscript.

It remains in my view only that the authors include in their manuscript their reply "Snow-pit temperatures in our dataset ranged mainly from 0 to  $-7^{\circ}\text{C}$ , with a mean of  $-3.3^{\circ}\text{C}$  and a mode of  $-1.7^{\circ}\text{C}$ , and therefore fall within the temperature range relevant to the Calonne et al. (2020) parameterization." This sentence explains with a physical reason why they choose (in addition to the SSA parameterization) why they choose the Calonne parameterization. This sentence would best fit around line 170 in the manuscript.

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