Review of "Deposition of ionic species and black carbon to the Arctic snow pack (...)" by H.W. Jacobi *et al.* (ACP manuscript acp-2019-215)

Suggested wording changes:

L136: "The model is forced using meteorological data, like including air, temperature (...)"

L227-228: "Therefore, a certain some redistribution of the impurities probably occured in the snow pack due to melting. This is however unlikely to have led to complete removal elution. While the impact was stronger on the Austre Lovenbreen glacier, Hence, the overall impurity budgets of both snowpits seemed not to be influenced are assumed to have been mostly unaffected by melt.

L357: Nevertheless, tThe monthly averages (...)

L363: Finally, Noone and Clarke (1988) proposed...

L422-423: Most of the chloride-to-sodium ratios in the aerosols are close to or less than the standard sea water ratio (...)

L444:as well as in the precipitation, which also causes results in calcium-to-sodium ratios (...)

L451-453: On average, the highest and lowest ratios are found in the aerosols and the precipitation and the lowest in the aerosols (...)

L460-461: (...) atmospheric BC shows a linear positive relationship to nss-sulfate (...) [note: the linearity is weak]

L519: (...) is further supported by the estimated upper limit maximum of the dry aerosol deposition.