

Interactive comment on “Retention time of lakes in the Larsemann Hills oasis, East Antarctica” by Elena Shevnina et al.

Anonymous Referee #1

Received and published: 21 October 2020

L70-71: the text was corrected as follow: ... most of precipitation falls as snow (World atlas, 1997).

Isn't it still the WORLD Atlas?

L80-81: to mention a phenomena of thermal stratification in Lake Reid we corrected the test as follow: "... Most of these lakes are well mixed during the summer seasons (Shevnina and Kourzeneva, 2017), and an exception is only Lake Reid, which has saline water. In this lake, the thermal and salinity stratification resistant to the katabatic winds of over 14 ms $^{-1}$ is observed in January 1993 (Kaup and Burgess, 2003)."

The water in Lake Reid can be considered brackish not really saline (Table 2 in Kaup and Burgess, 2003). Therefore instead of "... which has saline water." the reviewer

C1

recommends "...which has BRACKISH water.

...observed in January 1993... It was in January 1994 (Kaup and Burgess, 2003).

The rest of answers are accepted by the reviewer.

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2020-205>, 2020.

C2