

Interactive comment on "Air-snowpack exchange of bromine, ozone and mercury in the springtime Arctic simulated by the 1-D model PHANTAS – Part 2: Mercury and its speciation" by K. Toyota et al.

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We thank Referee #1 for expressing a strong support to our paper.

Recently, however, we came to notice that an error had occurred in copying the rate constant for the gas-phase reaction HgBr + Br from a cited literature, viz. Goodsite et al. (2004). We will bring up this issue in a separate thread in the public discussion of ACPD.

Along with changes to deal with comments received from another referee, we will revise the manuscript with major changes in the selection of scenarios and their context

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concerning the reactions involving HgBr.

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