

***Interactive comment on “Properties of aerosols and their wet deposition in the arctic spring during ASTAR2004 at Ny-Alesund, Svalbard” by S. Yamagata et al.***

**S. Yamagata et al.**

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According to the specific comments from another anonymous referee #1, the manuscript is revised as follow;

Page 16099 line 10: 'Leher' is replaced by 'Lehrer'.

Page 16099 line 11: 'Nishita et al. 2005' is replaced by 'Nishita et al. 2001'.

Page 16101 line10: 'without any size segregation' is inserted after 'collected'.

Page 16105 line 2: one 'the' is deleted.

Page 16106 line 12: 'estimated' is replaced by 'measured' and '(Na: 40ug/day/m2; Cl :30 ug/day/m2; SO4: 2 ug/day/m2)' is inserted after 'were much lower'.

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Page 16109 line 7: 'et al.' is inserted after 'Okita'.

Page 16110 line 1&5: 'number' is inserted before 'concentration', respectively.

Following parts will be remained as they are.

Page 16111 lines 1-5: This part illustrates the precipitation type, the right ordinate, of Fig.5 reported by POSS system. We believe that this part will be helpful for readers to understand the values from 9 to 13 in Fig.5. Therefore, this part is not deleted.

Fig. 5: grey circle is already illustrated in the legend as 'precipitation type'. Therefore, the figure remains without any changes.

Another correction

Table 1: the concentrations of Na for #1 '27.9' and #2 '38.5' are corrected to '29.5' and '40.4', respectively. These are transcription errors during table creation.

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Interactive comment on Atmos. Chem. Phys. Discuss., 8, 16097, 2008.

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