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## *Interactive comment on* "Carbonyl compounds in boreal coniferous forest air in Hyytiälä, Southern Finland" by H. Hellén et al.

H. Hellén et al.

Received and published: 26 August 2004

We would like to thank referee for the comments and very helpful suggestions. As a result of referees comments we are now able to submit improved version of the manuscript.

1. The idea of comparing the OH-reactivities of carbonyls with other compounds was very good and gave more perspective to the results from this study. To the revised version of the manuscript comparisons to NO2, aromatic hydrocarbons and monoterpenes have been added.

2. We have not changed the title, because we thought it is not possible to have the same article in ACP and in ACPD with different titles.

3. As a suggestion by the referee reaction rates calculated by the structure-reactivity relations were added to Table 1 for C4-C7 aliphatic aldehydes and commented in the

text.

4. Data of the geranyl acetate was not available.

5. A new table with maximum, minimum, average and median values of the concentrations was added.

- 6. Label of X-axis in fig. 3 was changed and number of the labels was decreased.
- 7. Resolution of all plots was clarified.

Interactive comment on Atmos. Chem. Phys. Discuss., 4, 2991, 2004.

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