

Interactive comment on “A horizontal mobile measuring system for atmospheric quantities” by J. Hübner et al.

Anonymous Referee #2

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1.4554-line 23: Maybe a short explanation of what is meant by “quasi-stationary secondary circulation” and the relation to measuring horizontal gradients would be useful here.

2.4555-line 3: Maybe I missed it, but why exactly do you measure O₃ concentration? A little more background information would be helpful here.

3.4570-line 7: In figure 6(g) there are marked changes in nighttime CO₂ concentration within the forest as well as in the clearing. Although this is a technical paper, I miss a more detailed discussion/interpretation of these changes.

4.4570-line 12: I also miss a little more discussion about the increase in O₃ concentration in the afternoon. Where does this increase derive from? (point 2)

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5.4572-line 4: I would start the conclusion just here. The previous sentences should be put to the methods or to the discussion.

Interactive comment on Atmos. Meas. Tech. Discuss., 7, 4551, 2014.