

**Response to Editors comments to the Author in “Arttu Ylisirniö *et. al.*: Composition and volatility of SOA formed from oxidation of real tree emissions compared to simplified VOC-systems”.**

Editors comments are shown on black text and our response to them is on blue.

-----  
l. 64: NO<sub>x</sub> (subscript x), [corrected](#)

l. 155: replace ‘The assure’ by ‘To assure’, [corrected](#)

l. 259: replace a-pinene by alpha-pinene (i.e. use Greek symbol), [corrected](#)

l. 288: ‘creates’ seems redundant, [removed “creates” from the text](#)

l. 353: replace ‘is’ by ‘are’, [corrected](#)

l. 418: remove ‘#’ in first parentheses or add it in second to be consistent, [added “#” to the second parentheses](#)

l. 445: ‘the relatively high (> 5) amount of oxygen atoms in a major fraction of the SOA compositions’ should be reworded, e.g., ‘the relatively high (> 5) number of oxygen atoms in a major fraction of the products comprising SOA’, [corrected as suggested](#)

l. 455: ‘O:C/O<sub>Sc</sub> values’ reads as if you refer to the ratio of the O:C to O<sub>Sc</sub> values. Please replace accordingly. [“O:C/O<sub>Sc</sub>” corrected to “O:C and O<sub>Sc</sub>”](#)

Figure 3, caption: (i) l. 653/658: the word ‘panel’ can be removed in both instances; (ii) l. 654: ‘In these cases, and error bars are omitted for clarity’ seems incomplete or grammatically wrong. [Removed “and” from the sentence. The text reads now: “In these cases, error bars are omitted for clarity”.](#)

Figure 6, caption: (i) l. 674: ‘max’ should be subscript; (ii) l. 677: should ‘in the volatility classes VBS’ read ‘in the VBS volatility classes (or ‘bins’)’? [Corrected the subscript and removed word “VBS” from the end of the sentence.](#)

Figure 7, caption: l. 683: replace ‘show’ by ‘shows’, [corrected as suggested](#)

Figure 8: (i) In all panels, ‘Scotspine’ should be replaced by ‘Scots pine’. [Figure corrected](#)

Data availability:

Please follow the journal policy for data availability.

[https://www.atmospheric-chemistry-and-physics.net/for\\_authors/manuscript\\_preparation.html](https://www.atmospheric-chemistry-and-physics.net/for_authors/manuscript_preparation.html)

Make data accessible or - if the data are not publicly accessible - add a detailed explanation of why this is the case (e.g. applicable laws, university and research institution policies, funder terms, privacy, intellectual property and licensing agreements, and the ethical context of the research).

[Added additional contact information for data request.](#)