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## Correction: Impact of temperature-dependent non-PAN peroxyxynitrate formation, $\text{RO}_2\text{NO}_2$ , on nighttime atmospheric chemistry

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Correction for 'Impact of temperature-dependent non-PAN peroxyxynitrate formation,  $\text{RO}_2\text{NO}_2$ , on nighttime atmospheric chemistry' by Michelle Färber et al., *Phys. Chem. Chem. Phys.*, 2024, <https://doi.org/10.1039/d3cp04163h>.

In the Abstract, 'radicals of up to  $2 \times 10 \text{ cm}^{-3}$  are predicted at 276 K' should read 'radicals of up to  $2 \times 10^{10} \text{ cm}^{-3}$  are predicted at 276 K'.

The captions to Fig. 2 and 3 should say:

Model results displayed as FZJ (blue) and FZJ +  $\text{RO}_2\text{NO}_2$  (brown) models refer to the FZJ mechanism without and with including additional formation of non-acyl  $\text{RO}_2\text{NO}_2$ , respectively.

Throughout the text all characters in the expressions using the MCM notation should be inline.

In several places in the text  $\text{CH}_3\text{CH}(\text{NO}_3)\text{CH}(\text{CH}_3)\text{O}$  was incorrectly written as  $\text{CH}_3 \text{CH}(\text{NO}_3)\text{CH}(\text{CH}_3)\text{O}$ .

In the Summary & conclusions section, the text 'Under the conditions of the experiments in this work, up to  $2 \times 10 \text{ cm}^{-3}$  of non-acyl  $\text{RO}_2\text{NO}_2$  are expected at 276 K' should read 'Under the conditions of the experiments in this work, up to  $2 \times 10^{10} \text{ cm}^{-3}$  of non-acyl  $\text{RO}_2\text{NO}_2$  are expected at 276 K'.

In the Data availability section the link to the data from the nighttime experiment of *trans*-2-hexene in the presence of  $\text{NO}_2$  and  $\text{CH}_4$  should be <https://doi.org/10.25326/DSQH-4X71>.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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