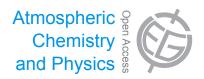
Atmos. Chem. Phys., 13, 4373, 2013 www.atmos-chem-phys.net/13/4373/2013/ doi:10.5194/acp-13-4373-2013 © Author(s) 2013. CC Attribution 3.0 License.





Corrigendum to

"The Australian bushfires of February 2009: MIPAS observations and GEM-AQ model results" published in Atmos. Chem. Phys., 13, 1637–1658, 2013

N. Glatthor¹, M. Höpfner¹, K. Semeniuk², A. Lupu², P. I. Palmer³, J. C. McConnell², J. W. Kaminski², T. von Clarmann¹, G. P. Stiller¹, B. Funke⁴, S. Kellmann¹, A. Linden¹, and A. Wiegele¹

Correspondence to: N. Glatthor (norbert.glatthor@kit.edu)

We discovered typographical errors in Eqs. (2) and (3). The correct equations are

$$\frac{M_i}{M_j}(t) = \frac{M_i^0}{M_j^0} e^{-(1/\tau_i - 1/\tau_j)t}$$
 (2)

and

$$1/\tau_i = (1/\tau_i - 1/\tau_{hcn}) + 1/\tau_{hcn},\tag{3}$$

where $(1/\tau_i - 1/\tau_{hcn})$ has been measured and $\tau_{hcn} =$ lifetime of HCN.

The lifetimes given in the publication (e.g. in Table 3) are not affected by this error because they were calculated using the correct equations listed above.

¹Karlsruher Institut für Technologie, Institut für Meteorologie und Klimaforschung, Karlsruhe, Germany

²Centre for Research in Earth and Space Science, York University, Toronto, Canada

³School of GeoSciences, University of Edinburgh, Edinburgh, UK

⁴Instituto de Astrofísica de Andalucía (CSIC), Granada, Spain