

CORRECTION

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Correction: Climate-relevant properties of black carbon aerosols revealed by in situ measurements: a review

Nobuhiro Moteki*

Correction : Progress in Earth and Planetary Science (2023) 10:12
<https://doi.org/10.1186/s40645-023-00544-4>

The original article has been corrected. (P13 and P14)

The publication of this article (Moteki 2023) unfortunately contained mistakes.

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In Sect. 3.4,

“Liu et al. (2020a, b)” should read as “Liu et al. (2020b)”

Reference

Moteki N (2023) Climate-relevant properties of black carbon aerosols revealed by in situ measurements: a review. Prog Earth Planet Sci 10:12. <https://doi.org/10.1186/s40645-023-00544-4>

In Sect. 3.4,

“a plausible (m_r , m_i) domain that contains the BC refractive index at 633 nm wavelength: $1.7 \leq m_r \leq 2.2$ and $0.51 + 0.014m_r^{5.2} \leq m_i \leq \min(1.5, 2.5m_r - 3.5)$ ” should read as

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“a plausible (m_r , m_i) domain that contains the BC refractive index at 633 nm wavelength:

$$\left\{ \begin{array}{ll} 0.51 + 0.014m_r^{5.2} \leq m_i \leq 2.5m_r - 3.5 & \text{if } 1.7 \leq m_r \leq 1.8 \\ 0.51 + 0.014m_r^{5.2} \leq m_i \leq 1.5 & \text{if } 1.8 < m_r \leq 2.2 \end{array} \right. .$$

The original article can be found online at <https://doi.org/10.1186/s40645-023-00544-4>.

*Correspondence:

Nobuhiro Moteki
moteki@eps.s.u-tokyo.ac.jp
Department of Earth and Planetary Science, Graduate School of Science,
The University of Tokyo, 7-3-1 Hongo, Bunkyo-Ku, Tokyo 113-0033, Japan