Corrigendum to Eur. J. Mineral., 36, 195–208, 2024
https://doi.org/10.5194/ejm-36-195-2024-corrigendum

European Journal of Mineralogy
Open Access

Corrigendum to "Confocal μ-XANES as a tool to analyze Fe oxidation state in heterogeneous samples: the case of melt inclusions in olivine from the Hekla volcano" published in Eur. J. Mineral., 36, 195–208, 2024

Roman Botcharnikov[1], Max Wilke[2], Jan Garrevoet[3], Maxim Portnyagin[4], Kevin Klimm[5], Stephan Buhre[1], Stepan Krasheninnikov[1], Renat Almeev[6], Severine Moune[7], and Gerald Falkenberg[3]

[1]Institut für Geowissenschaften, Johannes Gutenberg Universität Mainz, Mainz, Germany
[2]Institut für Geowissenschaften, Universität Potsdam, Potsdam, Germany
[3]Deutsches Elektronen-Synchrotron, DESY, Hamburg, Germany
[4]GEOMAR Helmholtz-Zentrum für Ozeanforschung, Kiel, Germany
[5]Institut für Geowissenschaften, Goethe Universität Frankfurt, Frankfurt, Germany
[6]Institut für Mineralogie, Leibniz Universität Hannover, Hanover, Germany
[7]Observatoire de Physique du Globe de Clermont-Ferrand, Université Clermont Auvergne, Aubière CEDEX, France

Correspondence: Roman Botcharnikov (rbotchar@uni-mainz.de)

Published: 4 March 2024

The abovementioned paper contains an error provided in the initial submission in the equation in Sect. 2.2 ("Calibration and samples"). The equation includes an incorrect plus sign (+), which has been replaced with the correct multiplication sign (×) in the corrected equation below.

$$\mathrm{Fe}^{3+} / \Sigma\mathrm{Fe} = 0.27 \times (\mathrm{centroid} - 7112) - 0.02 \times (\mathrm{centroid} - 7112)^2 + 0.123 \times (\mathrm{centroid} - 7112)^4$$

Published by Copernicus Publications on behalf of the European mineralogical societies DMG, SEM, SIMP & SFMC.