

ERRATA

Raman spectroscopy of water-rich stishovite and dense high-pressure silica up to 55 GPa by C. Nisr, S.-H. Shim, K. Leinenweber, and A. Chizmeshya (November, vol. 102, p. 2180–2189, 2017. Article DOI: <http://dx.doi.org/10.2138/am-2017-5944>. Erratum DOI: <http://dx.doi.org/10.2138/am-2017-E1021231>.)

The caption of Figure 2 has incorrect *c* parameter and unit-cell volume values. It should read:

FIGURE 2. X-ray diffraction pattern of hydrous stishovite at 1 bar and 300 K. The pattern was collected at the GSECARS sector of the Advanced Photon Source using a monochromatic X-ray beam with a wavelength of 0.3344 Å and a beamsize of 3 × 4 μm². Numbers attached to peaks are Miller indices and the dotted lines show the offset in peak positions between anhydrous and hydrous stishovite of this study [lattice parameters of anhydrous stishovite in this study are: *a* = 4.1805(9) Å, *c* = 2.6647(9) Å, and *V* = 45.569(11) Å³]. The background of the pattern was subtracted.

A new clinopyroxene-liquid barometer, and implications for magma storage pressures under Icelandic rift zones by D.A. Neave and K.D. Putirka (April, vol. 102, p. 777–794, 2017. Article DOI: <http://dx.doi.org/10.2138/am-2017-5968>. Erratum DOI: <http://dx.doi.org/10.2138/am-2017-E1021232>.)

In the Abstract and in the text, Equation 1 should have appeared as follows:

$$P(\text{kbar}) = -26.27 + 39.16 \frac{T(\text{K})}{10^4} \ln \left[\frac{X_{\text{Jd}}^{\text{Cpx}}}{X_{\text{NaO}_{0.5}}^{\text{liq}} X_{\text{AlO}_{1.5}}^{\text{liq}} (X_{\text{SiO}_2}^{\text{liq}})^2} \right] - 4.22 \ln(X_{\text{DiHd}}^{\text{Cpx}}) + 78.43 X_{\text{AlO}_{1.5}}^{\text{liq}} + 393.81 (X_{\text{NaO}_{0.5}}^{\text{liq}} + X_{\text{KO}_{0.5}}^{\text{liq}})^2$$

The key change is that in the last term, one should take the sum of the cation fractions of Na and K (not the product of the cation fractions, as unfortunately shown in the original text). The correct equation was used for all calculations presented in the manuscript; our results and interpretations thus remain unchanged. The spreadsheet accompanying the manuscript is also unaffected. We thank William Miller for bringing this error to our attention and we regret this error.