Erratum to: H₂O storage capacity of olivine and low-Ca pyroxene from 10 to 13 GPa: consequences for dehydration melting above the transition zone

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Unfortunately, Table 5 of the original article was published with incorrect data. The row of $D_{\text{H}_2\text{O}}^{\text{pyx/ol}}$ should read as 1.39, 1.36, 1.37, 1.15, 1.54, and 1.28. The correct version of Table 5 is given below.

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Table 5 SIMS-derived H₂O storage capacities of olivine and low-Ca pyx, partitioning of H₂O between olivine and low-Ca pyx, and EMP-derived mass balance data

Exp. #	M455	M461	M468	M474	M467	M471	M476	M463	M470	M465
P (GPa)	10	11	12	12	12	12	12	12	12	13
T (°C)	1,450	1,450	1,350	1,350	1,400	1,400	1,400	1,450	1,450	1450 ^a
Bulk H ₂ O (wt. %)	1.00	0.48	0.48	1.00	0.48	0.75	1.00	0.48	0.75	0.48
n (ol, opx)	8	8	9, 3	7, 3	8, 3	5, 2	7	8	7, 3	8, 5
Olivine storage cap. (ppm)	410 (60)	330 (50)	1,140 (100)	920 (100)	760 (70)	1,190 (120)	860 (80)	600 (60)	720 (70)	470 (100)
Low-Ca pyx storage cap. (ppm)			1,580 (60)	1,250 (60)	1,040 (60)	1,370 (50)			1,110 (80)	600 (40)
$D_{\text{H}_2\text{O}}^{\text{pyx/ol}}$			1.39	1.36	1.37	1.15			1.54	1.28
Modes (F, Ol, LPx, HPx, Gt)			0.04, 0.68, 0.09, 0.05, 0.14	0.10, 0.62, 0.13, 0.01, 0.13	0.09, 0.60, 0.17, 0, 0.13			0.08, 0.66, 0.12, tr., 0.14		0.07, 0.59, 0.19, 0, 0.15
H ₂ O _{melt} (wt. %)			12	10	11			6		7
Rel. Fe loss (%)			0	1.5	11			10		0
$D_{\text{H}_2\text{O}}^{\text{ol/melt}}$			0.010	0.010	0.007			0.010		0.007
$D_{\text{H}_2\text{O}}^{\text{pyx/melt}}$			0.013	0.013	0.009					0.009

Errors (in parentheses) are propagated errors, combining the 1 σ SD of measurements and the uncertainty in the SIMS calibration (Fig. 6)

^a Temperature estimated from the power required to heat the experiment