

Corrigendum

Corrigendum to “Effect of growth rate and pH on lithium incorporation in calcite” [Geochim. Cosmochim. Acta 248 (2019) 14–24]

In the original article, Table 1, data reported in columns $\text{Log}D_{Li}^*$ and $\text{Log}D_{Na}^*$ are incorrect. This correction does not affect Eq. (7) and does not change the conclusions of the original article. The authors would like to apologize for any inconvenience that this oversight may have caused.

Table 1

Chemical composition of Li and Ca in the reactive fluid at chemical steady-state conditions, pH, estimated growth rate and distribution coefficients of Li and Na in the forming calcite during the experimental runs calculated from both molarities of free ions and total aqueous concentrations.

Experiment	Li _{ss} (mM)	Ca _{ss} (mM)	Alkalinity (mM)	pH	LogRate	LogD _{Li} [*]	LogD _{Na} [*]	LogD _{Li}	LogD _{Na}
2_30*	0.35	0.99	2.7	8.27	-8.1	-4.3	-5.4	-4.3	-5.1
2_40*	0.34	1.12	2.6	8.29	-8.0	-4.1	-5.1	-4.1	-5.1
2_50	0.34	0.39	3.4	8.56	-8.1	-4.7	-5.3	-4.7	-5.3
2_60*	0.35	1.35	2.3	8.23	-7.8	-4.1	-5.2	-4.1	-5.2
2_70*	0.34	1.37	2.5	8.27	-7.7	-4.1	-5.1	-4.1	-5.1
2_80*	0.36	1.69	2.3	8.29	-7.6	-3.7	-5.0	-3.7	-5.0
2_90	0.35	0.78	2.6	8.40	-7.6	-4.1	-5.1	-4.1	-5.1
2_100*	0.35	1.61	2.3	8.25	-7.5	-3.5	-4.2	-3.5	-4.2
3_25*	0.35	1.32	2.2	8.23	-7.9	-4.1	-4.8	-4.1	-4.8
3_30*	0.35	0.89	2.6	8.35	-7.9	-4.3	-5.3	-4.3	-5.3
3_40*	0.35	1.04	2.4	8.33	-7.8	-4.0	-5.1	-4.0	-5.1
3_50*	0.35	1.73	2.1	8.17	-7.6	-3.9	-4.5	-3.9	-4.5
3_60*	0.34	1.30	2.3	8.30	-7.5	-3.9	-4.9	-3.8	-4.9
3_70*	0.36	1.33	2.2	8.28	-7.4	-3.7	-4.9	-3.7	-5.0
3_80*	0.35	1.85	2.2	8.28	-7.4	-3.5	-4.5	-3.5	-4.5
3_100*	0.35	2.11	2.2	8.34	-7.3	-3.2	-4.6	-3.2	-4.6
5_40*	0.41	1.41	2.6	8.10	-7.5	-3.5	-4.2	-3.5	-4.2
5_50*	0.45	1.49	2.7	8.07	-7.4	-3.2	-4.2	-3.2	-3.9
5_60*	0.44	1.49	2.6	8.13	-7.3	-3.3	-4.1	-3.3	-4.1
5_70*	0.45	1.72	2.5	8.04	-7.3	-3.3	-4.0	-3.3	-4.0
5_80*	0.40	1.27	2.7	8.09	-7.2	-3.3	-4.1	-3.3	-4.1
5_90	0.50	4.55	2.2	7.87	-7.2	-2.9	-3.7	-2.9	-3.7
5_100*	0.40	2.22	2.3	7.99	-7.1	-3.1	-4.0	-3.1	-4.0
7_25	0.31	0.10	2.8	9.59	-8.1	-4.8	-5.3	-4.8	-5.3
7_50	0.31	0.11	2.8	9.43	-7.8	-4.6	-5.3	-4.6	-5.3
7_100	0.31	0.14	2.6	9.54	-7.5	-4.7	-5.1	-4.6	-5.2
12_60	0.24	9.27	20.9	6.29	-7.8	-2.9	-2.9	-2.9	-2.8
12_70	0.26	7.47	20.6	6.34	-7.7	-3.0	-3.1	-3.0	-3.0
12_80	0.28	12.17	21.6	6.31	-7.7	-3.0	-3.1	-2.9	-3.0
12_100	0.24	9.51	22.3	6.31	-7.6	-2.9	-3.2	-2.8	-3.1
13_60	0.24	3.17	5.7	7.41	-7.7	-3.3	-3.7	-3.2	-3.7
13_70	0.25	3.56	5.3	7.49	-7.7	-3.3	-3.7	-3.3	-3.6
13_80	0.23	3.09	6.5	7.50	-7.7	-3.2	-3.8	-3.1	-3.8
13_100	0.24	3.10	5.4	7.44	-7.7	-3.3	-3.8	-3.3	-3.7

* Indicates samples used in Fig. 4.

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