ERRATA

Corrections to Reviews in Mineralogy Vol. 43 – Stable Isotope Geochemistry

Chapter 2 "Rates and Mechanisms of Isotopic Exchange"
Pages 83 – 223

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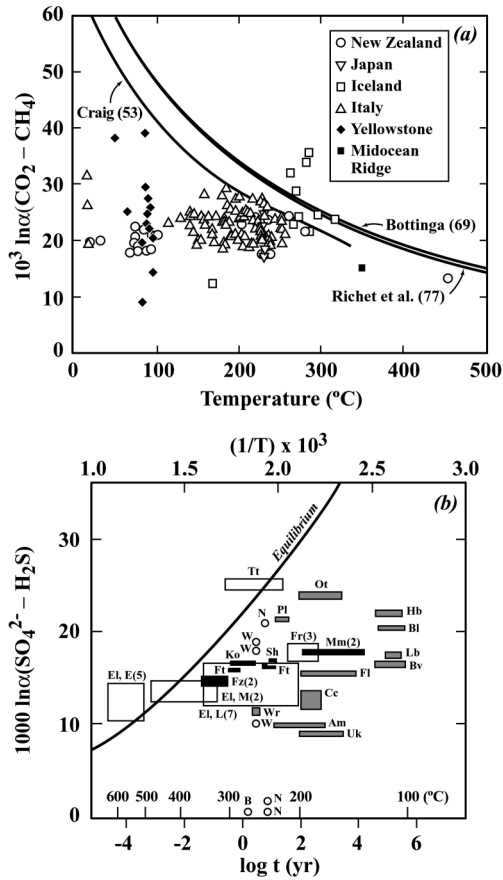
On page 96, use new Figure 5

Figure 5

On page 121, Figure 15b: The label for the upper quartz-water data should read 600^oC, 24 hrs

On page 125, Figure 17: The y-axis units should read $\ln R$ (mole $O/m^2/s$)

Table 2: Units for (CR) controlled exchange are moles O (or H)/m^2/s

Table 3: Footnotes were inadvertently omitted during production

(a) Pressures given as either total fluid, O_2 or CO_2 pressure; in some cases only partial pressures of O are given; some studies give no details
(b) Refer to footnote (c) Appendix 2, transport //c axis, (μm,nm) = grain size.
(c) H_2O=liquid water, O_2=pure oxygen gas, CO_2=pure carbon dioxide gas, CO_2:H_2O mixture at 50:50, NaCl electrolyte at 6M concentration.
(d) GB=grain boundary diffusion as described in the text, dislocation refers to boundaries encountered in single crystals whose depth profiles exhibit "tailing."
(e) Refer to footnote (g) in Appendix 2.
(f) D_o = pre-exponential factor [$D=D_o$exp(-E_a/$\underline{R}T$)], in cm^3/s unless specified otherwise.
(g) * in front of reference refers to a refitting of the diffusivities as a function of 1/T