Errata

The IR vibrational properties of six members of the garnet family: A quantum mechanical ab initio study by R. Dovesi, M. De La Pierre, A.M. Ferrari, F. Pascale, L. Maschio, C.M. Zicovich-Wilson (November-December, vol. 96, p. 1787–1798, 2011: Article DOI: 10.2138/am.2011.3804; Erratum DOI: http://dx.doi.org/10.2138/am.2013.615).

In the legend on top of Figure 2 (p. 1795), the labels of the two curves must be interchanged: the continuous line refers to the calculated curve, the dashed one to the experimental curve.

Phosphovanadylite-Ca, Ca[$V_4^{4+}P_2O_8(OH)_8$]·12H_2O, the Ca analogue of phosphovanadylite-Ba by Anthony R. Kampf, Barbara P. Nash, and Thomas A. Loomis (February-March, vol. 98, p. 439–443, 2013: DOI: http://dx.doi.org/10.2138/am.2013.4322; Erratum DOI: http://dx.doi.org/10.2138/am.2013.619).

The ideal (simplified) formula for phosphovanadylite-Ca, Ca[$V_4^{4+}P_2O_8(OH)_8$]·12H_2O, which appears in the title, abstract, and several places in the body of the paper is incorrect (not charge balanced). The correct ideal formula is Ca[$V_4^{4+}P_2O_{12}(OH)_4$]·12H_2O. Similarly, the ideal formula for phosphovanadylite (phosphovanadylite-Ba) is incorrectly given in the *Introduction* as Ba[$V_4^{4+}P_2O_8(OH)_8$]·12H_2O. It should be Ba[$V_4^{4+}P_2O_{12}(OH)_4$]·12H_2O.

The correction of the ideal formula for phosphovanadylite-Ca requires two other changes to the paper:

In the last paragraph of the *Chemical composition* section, the composition required for the simplified formula should be: CaO 7.17, VO_2 42.42, P_2O_5 18.15, H_2O 32.25, total 99.99 wt% (note rounding errors).

The last sentence of the second paragraph of the *Description of the structure* section, should be: The ideal formula, Ca[$V_4^{4+}P_2O_{12}(OH)_4$]·12H_2O, requires that ¼ of the O atoms in the framework are OH and, as noted above, these must be accommodated at the O2 and O3 sites.
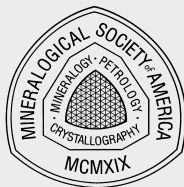
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