Correction for Zanotto and Fokin, Recent studies of internal and surface nucleation in silicate glasses

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ERRATUM

Recent studies of internal and surface nucleation in silicate glasses

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The following is the correct form of the first sentence of § 3 *a*.

Figure 1*a* (Fokin *et al.* 2002*a*) summarizes the data for the maximum nucleation rates, $I_{\max} \equiv I(T_{\max})$, versus T_{gr} for 51 glasses of stoichiometric and non-stoichiometric compositions belonging to eight silicate systems clearly showing the trend that $I_{\max}$ decreases with increasing T_{gr}.

The following is the correct form of table 1.

Table 1. *Ratio of experimental and theoretical pre-exponential and surface energy calculated by the CNT for different glasses*

(Values for $\Delta C_p = 0$ calculated using Turnbull's approximation.)

	$\Delta C_p = 0$		$C_p = f(T)$	
glass	$\log\left(\frac{K_\tau^{\mathrm{exp}}}{K_\tau^{\mathrm{theo}}}\right)$	σ (J m^{-2})	$\log\left(\frac{K_\tau^{\mathrm{exp}}}{K_\tau^{\mathrm{theo}}}\right)$	σ (J m^{-2})
Li_2O–$2SiO_2$	15	0.19	19	0.20
Na_2O–$2CaO$–$3SiO_2$	18	0.17	72	0.19
$2Na_2O$–CaO–$3SiO_2$	27	0.15	139	0.17

The following is the correct form of equation (4.4).

$$\sigma(R) = \frac{\sigma_\infty}{1 + 2\delta/R}. \tag{4.4}$$

The correct units for N in table 2 are $\mu\mathrm{m}^{-2}$.