Correction to Ghan et al., 2011: Droplet nucleation: Physically-based parameterizations and comparative evaluation. *J. Adv. Model. Earth Syst*., Vol. 3, M10001.

Steven Ghan, Pacific Northwest National Laboratory, Richland, WA 99352

There is a small typo in a parameter definition after equation (23). The parameter c_m should be defined

$$c_m \equiv 8/(3\sqrt{2\pi}\ln\sigma_m)$$

rather than the definition in the text. We bring this to the attention of readers because equation (23) offers large computational advantages for any lognormal representation of the aerosol.