

Further Note on Agalmatolite in Gairloch Parish, Ross-shire.

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IN my previous communication* I drew attention to an impure variety of Agalmatolite found on Creag Mhòr Thollie, and which contained an excess of silica. A similar body was referred to in connection with Mr. Hamilton Bell's paper on "New Localities for Agalmatolite"† as having been obtained from Ballater Pass. In connection with the material obtained at Creag Mhòr Thollie, I expressed the opinion that the agalmatolitic mineral had been formed in the presence of an excess of silica which had become combined with the other ingredients, forming what I then termed a "Siliceous Agalmatolite."

During the past summer I have again had an opportunity of examining the Creag, and towards the northmost end found very large masses of the pure mineral. The colour of the substance is the usual pea-green tint, greasy to touch, soft to the knife, and fracture conchoidal. The quantity present is large, and the various transition appearances are readily observed. It much resembles the Kcan na Binn and Lua Yayi samples. It is frequently found to pass into less pure varieties, resembling the material referred to on page 29. The chemical analysis gave:—

AGALMATOLITE.					
<i>Creag Mhòr Thollie, Ross-shire.</i>					
Silica	...	...	...	...	50·362
Alumina	...	...	...	...	32·015
Ferrie Oxide	...	...	...	...	2·207
Magnesie	„	...	...	...	0·523
Calcic	„	...	...	...	0·086
Potassic	„	...	...	...	7·833
Sodie	„	...	...	...	0·121
Water	...	...	...	...	6·742
					99·889

* Vol. VII. p. 29.

† Vol. VII. p. 28.