

Some Occurrences of Actinolite in Scotland.

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IN this Paper the author directs attention to some localities in Scotland where the actinolite forms of hornblende are to be found.

In Aberdeenshire the actinolite occurs as sheaf-like groups, irregularly distributed through a felspathic base; also as slender crystals, extending sometimes to the length of eighteen inches, in a dioritic rock. On the hill of Heshgarnich, in Perthshire, this variety of hornblende occurs in nests, also in fan- or sheaf-like bundles of a black colour; and on the north side of the hill it is found in blade-like forms distributed through a glistening micaceous schist.

Various textured schists in Strathmore enclose irregularly distributed crystals, which are mostly small and dark green in colour.

A whitish unctuous schist in the vicinity of Blairgowrie, Perthshire, contains innumerable crystals of a colour ranging from dense green to almost black.

About two miles from Portsoy, Banffshire, a black micaceous schist occurs, in which the similarly coloured actinolite forms a glistening constituent. The actinolite here resembles that of some of Strathmore.

The gneissose rocks of Colefirth Voe, Mainland, Shetland, in addition to the ordinary hornblende forms, contain sheaf to fan-like and also acicular actinolite.