

The lustre of the principal fracture is splendid and metallic; that of the cross fracture dull, where splintery, pearly glimmering where fibrous.

The principal fracture is foliated; the cross fracture splintery, sometimes passing into fibrous.

It is opaque, but translucent in thin folia:

The streak is greenish-grey, and dull.

It is sectile.

It is scratched by common hornblende.

It is very slightly common flexible.

It feels meagre.

*Geognostic and Geographic Situations.*

It occurs imbedded in serpentine in Fetlar and Unst in Zetland, and at Portsoy in Banffshire; in the greenstone rocks of Fifeshire; in the porphyritic rock of the Calton Hill\*, and in similar rocks near Dunbarton; in serpentine between Ballantrae and Girvan in Ayrshire †. In Cornwall it occurs in serpentine and hornblende-slate. At Basta in the Hartz, it is found in primitive greenstone, which rests on granite, associated with compact felspar, pinchbeck-brown mica, amianthus, (which appears passing into fibrous schillerstone), mountain-leather, precious serpentine, steatite, copper-pyrites, and iron-pyrites. Also disseminated in the serpentine of Zöblitz, of Gastein in Salzburg, and of the Pinzgau in the Tyrol.

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6. Diallage.

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is divisible in the direction of all the planes, but most easily parallel to that of the terminal planes. These terminal planes, and the cleavage, which is parallel with them, have a splendid metallic lustre, whilst the other planes of the primitive form, and the cleavages, are dull, somewhat resembling the surface of steatite and serpentine, with which substances the schillerstone seen in these directions has been frequently confounded.

\* Bournon.

† Allan.