

*Observations.*

1. Compact and Foliated Copper-glance are sometimes confounded with *Grey Copper-ore*, but may be readily distinguished from it, by their being sectile, whereas grey copper-ore is brittle. The red colour and red coloured streak of *Red Copper-ore*, distinguish it at once from copper-glance; and *Silver-glance* or *Sulphureted Silver-ore*, although somewhat resembling the two first-mentioned subspecies of copper-glance in external aspect, yet may be readily distinguished from them by an obvious character, viz. Its cutting readily into slices with a knife, whereas these ores separate into small grains when we attempt to cut them.

2. The tarnished varieties of Compact and Foliated Copper-glance incline, and even sometimes pass, into Variegated Copper-ore.

3. The Frankenberg or Hessian corn-ears mentioned by authors, are sometimes aggregations of small crystals of copper-glance; sometimes, according to M. Monch, true petrifications of a phalaris, (*Phalaris pulposa?*) composed of copper-glance, white copper-ore, and grey copper-ore. They are sometimes invested with a thin cover of native silver.

4. It is rather a rare mineral, and the only country in which it has been met with in great quantity, is Siberia.

*Third*