

*Observations on the Species.*

1. Common Magnetic Ironstone and Iron-sand are distinguished from *Iron-glance*, with which it is often confounded, by the colour of the streak, which is black; whereas that of iron-glance is cherry-red; by being powerfully magnetic, whereas iron-glance is scarcely affected by the magnet; and the crystallisations of magnetic ironstone are different from those of iron-glance.

2. Werner was the first who observed that this species of ironstone is not magnetic when at a depth in the earth, but that it acquires this property after exposure to the influence of the atmosphere.

3. The *Titaneisen* of Reuss and others, appears to be but a variety of common magnetic ironstone; and Hausmann says, that Karsten's fibrous magnetic ironstone is asbestous actynolite intimately intermixed with granular magnetic ironstone, and is therefore not a distinct subspecies.

7. *Specular Iron-ore or Iron-glance.*

*Eisenglanz, Werner.*

This species is divided into two subspecies, viz. *Specular Iron-ore* or *Common Iron-glance*, and *Iron-mica* or *Micaceous Iron-glance*.

*First*