

thick that they nearly form lying masses. A part of this deposition passes into Schwarzburg, as far as Pönitz, and even reaches to Henneberg, where there are very extensive ironworks. Further, it is found in very considerable quantity all around the Fichtelgebirge, and there are ironworks for smelting this ore, both on the Saxon and Bohemian sides, and in that part of it which belongs to Bayreuth. It occurs in beds in the Upper Palatinate, and in Franconia. It is less abundant in the Hartz, where, at Iberg near Grün, the ochry brown ironstone occurs in *putzenwerke* in limestone. Very considerable mines of it are met with in Nassau, Hessa, and Westerwald; and it also occurs in the Tyrol, Carinthia, Stiria, Upper Italy, and in the southern provinces of France.

It may be remarked, that northern countries, such as Sweden and Lapland, which possess so great an abundance of magnetic ironstone and iron-glance, contain but small quantities of this species, which occurs so abundantly in the Hartz, Stiria, Carinthia, Hungary, Saxony, Westphalia, the county of Nassau, and other districts.

10. Umber.

Argile ocreuse brun? *Hauy*, t. iv. p. 446.—*Umbra*, *Reuss*, b. iv. s. 139.—*Umbra*, *Leonhard*, Tabel. s. 67. *Id.* *Karsten*, Tabel. s. 66. *Id.* *Haus.* Handbuch, b. i. s. 276.

External Characters.

Its colour is clove-brown, which passes into blackish and yellowish brown.

It occurs massive.

Internally