

ages are more distinct than the third: the cross fracture is imperfect flat conchoidal, passing into even, and fine grained uneven.

It is opaque in the mass, but semi-transparent in splinters.

It scratches glass.

Its streak is clove-brown.

Specific gravity, 3.4390, *Vauquelin*. 3.767, 3.775, *Ullmann*.

#### *Chemical Characters.*

It is readily fusible before the blowpipe into a black enamel.

#### *Constituent Parts.*

Oxide of Manganese,	-	42
Oxide of Iron,	- -	31
Phosphoric Acid,	- -	27
		<hr/>
		100

*Vauquelin*, Journ. d. Min. N. 64. p. 299.

#### *Geognostic and Geographic Situations.*

It occurs in a coarse granular granite at Limoges in France.

#### 6. Red Manganese-Ore.

Rother Braunstein, *Werner*.

This species is divided into two subspecies, viz. Foliated Red Manganese-ore, and Compact Red Manganese-ore.

*First*