

*First Subspecies.*

## Foliated Red Manganese-Ore.

## Blättricher Rotherbraunstein.

Rosenrod syrsatt Manganes, *Hisinger*, in Afhandling i Fys. Kem. och. Min. 1. 105.—Blättricher Rothstein, *Haus.* Handb. b. i. s. 302.—Manganspath, *Werner*, Vorles. MS. Vivian?

*External Characters.*

Its colour is rose-red, slightly inclining to flesh-red.

It occurs massive, and disseminated.

Internally it is shining.

The fracture is foliated.

It occurs in fine granular distinct concretions.

It is slightly translucent.

It is so hard as to scratch glass.

Specific gravity, 3.6.

*Constituent Parts.*

Oxide of Manganese,	-	52.60
Silica,	- - - -	39.60
Oxide of Iron,	- -	4.60
Lime,	- - - -	1.50
Volatile ingredients,	- -	2.75
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		101.5

*Berzelius*, in Afh. i Fys. och. Min. 1. 110.

*Geognostic and Geographic Situations.*

It occurs in beds of specular iron-ore or iron-glance and magnetic iron-stone, along with compact garnet and calcareous-spar, in the gneiss hills at Langbanshytta, in Wermeland in Sweden; and also in Siberia.

*Observations.*