

ORDER X.—ZINC.

This Order contains the following species, Red Zinc-ore or Red Oxide of Zinc, Electric Calamine, Common Calamine, and Blende.

1. Red Zinc-Ore, or Red Oxide of Zinc.

Red Oxide of Zinc, *Bruce*.

Red Zinc-ore, *Bruce's* American Mineralogical Journal, p. 96.

*External Characters.*

Its colours are blood-red and aurora red.

It occurs massive, disseminated.

Internally, on the fresh fracture it is shining; after long exposure to the air it becomes dull, and even covered with a pearly crust.

The principal fracture is foliated, the cross fracture conchoidal.

It is translucent on the edges, or opaque.

It is easily scratched by the knife.

It is brittle.

It affords a streak which is brownish-yellow, approaching to orange.

Specific gravity, 6.220.

*Chemical Characters.*

It is soluble in the mineral acids. It is infusible without addition before the blowpipe. With sub-borate of soda,