

3. The analysis of hyacinth given by Bergman, which is as follows, I refer to the cinnamon-stone:—Alumina, 40. ; Silica, 25. ; Carbonat of Lime, 20. ; Iron, 13.

VI. QUARTZ FAMILY.

THIS family contains the following species: Quartz, Iron Flint, Hornstone, Flinty-slate, Flint, Calcedony, Heliotrope; Siliceous Sinter, Hyalite, Opal, Menelite; and Jasper.

1. Quartz.

This species is divided into six subspecies, viz. Amethyst, Rock-crystal, Rose or Milk Quartz, Common Quartz, Prase, and Cats-eye.

First Subspecies.

Amethyst.

This subspecies is subdivided into two kinds, viz. Common Amethyst, and Thick Fibrous Amethyst.

First