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.

## her books at a ground 1. Quartz. In add a ground bas

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.

smooth grained uneven; wiesress that of changement-stone is

which is infinitely ned has a quedic gravity of 43. The

heat is evidently the cinnauton-stone; the other the laya-

Quiest distinguishes two sorts of byacinthe one

e specific gravity is but 3.0, and is fusible; another

Milyons, and the fracture concholist.

