

**SYSTEM**  
**OF**  
**MINERALOGY,**

COMPREHENSIVE

**ORYCTOGNOSY,  
GEOGNOSY,  
MINERALOGICAL CHEMIS-  
TRY,**

**MINERALOGICAL GEOGRA-  
PHY, AND  
ECONOMICAL MINERALO-  
GY.**

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**1805.**

Heavy in a middling degree.

Specific gravity, 3.192, *Hauy*; 3.218, *Dandrada*.

*Chemical Characters.*

Before the blow-pipe it splits into small yellowish folia, and at last melts into a greyish-white transparent glass.

*Geographic Situation.*

Has been hitherto found only in the mines of Uton, near to Dalero, in Sweden. It is usually accompanied with quartz and black-mica.

*Observation.*

*Werner* places it in the system immediately after Arctite.

Meionite.

Meionite.—*Hauy*.

*Hauy*, t. 2. p. 586.—Hyacinth blanche de Somma, *Romé de Lisle*, t. 2. p. 290.—Hyacinthine, *La Mesberie*, t. 2. p. 326. Meionite, *Broch*. t. 2. p. 519.

*External Characters.*

Its colour is greyish-white.

Occurs crystallized in rectangular four-sided prisms, in which the lateral edges are truncated, (thus forming an eight-sided prism): and it is obtusely acuminate on both extremities by four planes, which are set on the lateral edges. Sometimes

times the edges of the truncatures are truncated, and thus a six-sided prism is formed. The edges situated between the acuminate and lateral planes are also sometimes truncated.

The crystals are small, and adhere together.

It is shining, and its lustre is vitreous.

The longitudinal fracture is foliated, and the folia are parallel with the four sides of the prism; the cross-fracture is slightly conchoidal.

It is faintly translucent, but is traversed by fissures.

Is semihard; scratches glass.

#### *Chemical Characters.*

It melts very easily before the blow-pipe, and yields a spongy white glass.

#### *Geognostic and Geographic Situations.*

It is found at Monte Somma in the vicinity of Vesuvius, adhering to fragments of granular limestone.

#### Sommite.

*Id. Lam. t. 2. p. 271.*—Schorl blanc volcanique of Ferber, and other Mineralogists.—Nepheline, Hauy, t. 3. p. 186.

#### *External Characters.*

Its colour is greyish-white.

It occurs disseminated, or crystallized in six-sided prisms, which are usually perfect, more rarely truncated on the lateral edges.

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