

SYSTEM
OF
MINERALOGY,

COMPREHENSIVE

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

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

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II.

MISCELLANEOUS APPENDIX.

IN this Appendix, I include descriptions of such fossils as have not hitherto been noticed by WERNER; and of others, which although admitted into his System, have not been publicly described by him.

 EARTHY FOSSILS.

Foliated Prehnite?

Blättricher Prehnite.—*Werner*.Koupholite, *Hauy*, t. 4. p. 373.—*Id. Broch.* t. 2. p. 513.*External Characters.*

Its colour is yellowish-white, and it occurs in small translucent folia, which are glistening, and have a pearly lustre; they are grouped together, and appear to have a tendency to the rhomboidal form.

Chemical Characters.

It melts before the blow-pipe, with intumescence and phosphorescence, into a spongy enamel. Nitrous acid has no action on it, either concentrated or when diluted with water.

Geognostic and Geographic Situations.

Mr Gillet Laumont first discovered this fossil near Barreges in a vein of calc-spar. It has since been discovered by Mr Picot Lapeyrouse on the Pic d'Erdlitz, in a chlorite rock, accompanied with actynolite.

Observation.

I suspect, from the preceding description, which is extracted from *Haüy's Mineralogy*, that this fossil is the Foliated Prehnite of *Werner*.

Schmelzstein.—*Werner*.

Dipyre, *Haüy*, t. 3. p. 242.—Leucolite de Mauleon, *Lam.* t. 2. p. 275.—Dipyre, *Broch.* t. 2. p. 508.

External Characters.

Colour greyish white, and reddish white, which passes into pale rose red.

Occurs disseminated in small fascicular masses, or in small prismatic crystals.

It is shining, and its lustre is vitreous.

Its longitudinal fracture is foliated, and the folia, according to *Haüy*, are parallel with the planes of the regular hexahedron.

It is semihard.

Easily frangible.

Specific gravity, 2.630, *Haüy*.

Chemical Character.

It intumesces before the blow-pipe.

Constituent