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TREATISE
ON *Crystals*
MINERALOGY!

SECOND PART,

CONSISTING OF

DESCRIPTIONS OF THE SPECIES, AND TABLES ILLUSTRATIVE OF
THEIR NATURAL AND CHEMICAL AFFINITIES.

WITH FIVE HUNDRED WOOD CUTS.

BY

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IN TWO VOLUMES.

VOLUME I.

NEW HAVEN:

HEZEKIAH HOWE & CO.

AND

HERRICK & NOYES.

1835.

Aphthitalite.—Apophyllite.

3. It has hitherto been found only in Cornwall, with several other species of the salts of copper, and with Copper Pyrites and Quartz.

APHRITE. (See *Calcareous-Spar.*)

APLOME. (See *Garnet.*)

APHTHITALITE. Prismatic Glauber-Salt.

Massive;* mammillary, apparently formed in successive layers.

Lustre vitreous. Color white, with certain bluish or greenish stains. Translucent.

Rather brittle. Hardness = 2.5 ... 3.0. Sp. gr. = 1.731.

Taste saline and bitter, disagreeable.

1. It has not been analyzed, but probably will be found to be a sulphate of potash, with a trace of sulphate and muriate of copper.

2. It occurs at Mount Vesuvius.

APOPHYLLITE. Pyramidal Kouphone-Spar. Mohs.

Primary form. Right square prism.

* The artificial crystals are right rhombic prisms of $112^{\circ} 8'$, having their acute angles replaced so as to form dihedral summits of $106^{\circ} 46'$, and having the lateral edges truncated.