

NEW MINERALS

Viridite

Franz Kretschmer: Iron silicate ores of the diabase and schalstein between Sternberg, Moravia, and Bennisch, Silesia. *Neues Jahrb. Min. Geol.*, 1918, I, 19-42; thru *J. Chem. Soc.*, 114, (667), ii, 171, 1918. [Original not seen.]
 NAME: Evidently from the green color.

PHYSICAL PROPERTIES

Color: Leek-green; luster: pearly; structure: compact, made up of minute needles and scales; cleavage: micaceous; H. = 3; sp. gr. = 2.89.

CHEMICAL PROPERTIES

Approximates the end member of a series of ferruginous chlorites, $4\text{FeO} \cdot 2\text{SiO}_2 \cdot 3\text{H}_2\text{O}$; contains 4.49% Al_2O_3 . (Chemical data to be published elsewhere.)

OCCURRENCE

In dense chloritic ore, containing thuringite, moravite, and another new species, mackensite. E. T. W.

Mackensite

Franz Kretschmer, *paper above cited*.

NAME: Presumably after General Mackensen.

PHYSICAL PROPERTIES

Color: Iron-black to greenish black; structure: compact, made up of minute needles; H. = 3; sp. gr. = 4.89.

CHEMICAL PROPERTIES

Approximates the end-member of the thuringite series, $\text{Fe}_2\text{O}_3 \cdot \text{SiO}_2 \cdot 2\text{H}_2\text{O}$; contains over 6% of Al_2O_3 , but this is in part due to admixed thuringite.

OCCURRENCE

In chloritic ore, intimately associated with thuringite, calcite, and magnetite. E. T. W.

NOTES AND NEWS

The mineral collection of Professor Raphael Pumpelly was destroyed on March 26, when his summer residence near Dublin, New Hampshire, was burned in a forest fire.

The high school in Germantown, Philadelphia, Pa., has recently received and placed on exhibition in a show case constructed by the students a collection of about 350 mineral specimens, the gift of Mr. Edwin C. Emhardt.

Mr. Earl V. Shannon has been appointed Assistant Curator of Applied Geology in the U. S. National Museum, Washington, D. C., succeeding Dr. James C. Martin, who has been transferred to the U. S. Geological Survey.