

ground, and sometimes it is tinged a blue color due to the enclosure of pyrite. Frogs, lizards, and small fishes which are not seldom found in specimens of amber offered for sale have been introduced by artificial means for purposes of deception.

(To be continued)

NEW MINERALS

ZEBEDASSITE

Amalia Brusoni: Zebedassite; nuovo silicato idrato di alluminio e magnesio di Zebedassi nell' Appennino Pavese. (Zebedassite, a new hydrous silicate of aluminium and magnesium from Zebedassi, in the Pavese Appennines.) *Riv. Min. Crist. Ital.*, 50, 74-79, 1918.

NAME: From the locality.

PHYSICAL PROPERTIES

Color: bright white; luster: silky; structure: fibrous; H. = 2; sp. gr. = 2.194.

OPTICAL PROPERTIES

Refractive indices about 1.51 to 1.53; birefringence strong; extinction straight; elongation + ; system probably rhombic.

CHEMICAL PROPERTIES

Readily soluble in acids, with formation of gelatinous silica; before the blowpipe infusible; with cobalt nitrate reacts for Al and Mg; in tubes gives off considerable water promptly, and an additional portion at red heat. The water behaves like that of the zeolites, being partly lost over sulfuric acid. Material for analysis was dried at 105°.

Analysis: H₂O 10.49, SiO₂ 50.27, Al₂O₃ 12.90, MgO 26.98, sum 100.64 per cent. This agrees fairly well with the formula: 4H₂O.Al₂O₃.5MgO.6SiO₂, or H₃Al₂Mg₅(SiO₄)₆. Related to neolite, but differs in the absence of iron, white color, lower specific gravity and different proportions of several constituents.

OCCURRENCE

Occurs in a serpentine formation, as part of a rock which was originally a granite or granitic gneiss, but has now been transformed into this magnesium silicate, with some residual microcline, apatite, zircon, and part of the original biotite.

E. T. W.

NOTES AND NEWS

The brief article, "Reminiscences of William E. Hidden," published in our August number (p. 100), had been submitted by Dr. Kunz some months previously, and the editor supposed that it was complete. After it was in page proof—too late for essential change—word was received that Dr. Kunz had sent additional manuscript, but this was apparently lost in the mail. A carbon copy has now come to hand, and the balance of the account of the activities of this well known mineralogist will be published in the October and November numbers.

E. T. W.