

The secretary called attention to a collection of Perkiomenville minerals presented by Messrs. Hilbiber and Tallis, which was exhibited in a case in the rear of the meeting room. Mr. Hilbiber described the making of the collection which includes fine specimens of andradite, epidote, pyrite, stilbite, epidemine, heulandite, chabazite, and calcite.

Mr. Trudell presented an account of the Society's successful trip to Perkiomenville on April 10, attended by Messrs. Hilbiber, Tallis, Gordon, Frank- enfield, Hagey, Knabe, Vanartsdalen, and Boyle. The society then adjourned to the mineral hall.

SAMUEL G. GORDON, *Secretary*.

## NEW MINERALS

A list of new minerals has recently been published by Arthur Schwantke, (Marburg, Hessen) in the publication of the German Mineralogical Society, *Fortschr. Min. Krist. Petr.*, 6, 67-100, 1920. This list includes species described or discredited since the appearance of a previous list by the same author (4, 161-174, 1914) as well as a few earlier ones missed in the latter. We have already noted all but one of those dating from 1916 on; this is abstracted below.

### FAMILY 9. SILICATES, ETC.

#### ANHYDROUS METASILICATES

#### **Aegirite-hedenbergite. [Hédenbergite aegyrinique]**

A. LACROIX: Les phénomènes de contact exomorphes et endomorphes des granites à aegyrine et riebeckite du nord-ouest de Madagascar. (The exomorphic and endomorphic contact phenomena of the aegirite-riebeckite-granite of northwestern Madagascar.) *Compt. rend.*, 163, 726-731, 1916; this mineral, p. 728.

NAME: From aegirite and hedenbergite, the two minerals of which it represents an isomorphous mixture.

#### PHYSICAL PROPERTIES

Color green. Sp. gr. 3.502. Otherwise like the pyroxenes in general.

#### CHEMICAL PROPERTIES

Analysis by Pisani gave: SiO<sub>2</sub> 42.15, Al<sub>2</sub>O<sub>3</sub> 0.55, Fe<sub>2</sub>O<sub>3</sub> 17.40, FeO 17.80, MnO 0.50, MgO 1.10, CaO 14.10, Na<sub>2</sub>O 3.35, K<sub>2</sub>O 0.55, TiO<sub>2</sub> 0.41, H<sub>2</sub>O 1.90, sum 99.81%. This is suggested to correspond to the formula 15(Ca, Fe, Mg)<sub>2</sub>(SiO<sub>3</sub>)<sub>2</sub> : 6NaFe<sub>2</sub>'(SiO<sub>3</sub>)<sub>2</sub> : 4(Ca, Na<sub>2</sub>)Fe<sub>2</sub>'SiO<sub>6</sub>.

#### OCCURRENCE

Occurs as a rock constituent in the endomorphic contact zone of the aegirite-riebeckite-granite in the region of Ampasibitika, Ampasindava Bay, Madagascar. It is in both the altered limestone, associated with aegirite, garnet, epidote, orthoclase, albite, and calcite; and in the granite itself, as an alteration product of riebeckite.

#### DISCUSSION

[To be classed as a variety of aegirite until the relations of this group of minerals are more fully worked out.

E. T. W.]