



Figure 1. THE METHOD OF DRAWING THE ZONE 010—011—001. ( $\times \frac{1}{4}$ )

PROCEEDINGS OF SOCIETIES

THE PHILADELPHIA MINERALOGICAL SOCIETY

WAGNER FREE INSTITUTE OF SCIENCE, SEPTEMBER 13, 1917.

President Trudell in the chair. Fourteen members present.

Mr. Warford reported a trip to Leiper's quarry and Crum Lynne, finding beryl, garnet, tourmaline, and microcline at the former locality, and heulandite, laumontite, argentine, and stilbite at the latter place. He also reported a trip to the Perkiomen mines which produced very little. The mines have not been worked for perhaps half a century, and little is obtainable on the dumps.

At Overbrook, Messrs. Oldach, Warford, Gushee and Gordon found numerous small crystals of quartz, of a very modified type.

Mr. Oldach reported the results of the Society's trip to Friedensville and Hellertown. At Friedensville good calamine was obtained, and small crystals of limonite pseudomorph after pyrite noted. At Hellertown, cacoxenite, beraunite, and wavellite in good specimens were obtained. A visit was paid to the small limestone cave there.

Several trips to Rolandville, Philadelphia were taken by Messrs. Oldach, Warford, Gushee and Gordon. Extensive digging operations produced quartz crystals, masses of limpid quartz, and very fine specimens of brilliant red to almost black reticulated groups of needles of rutile in quartz.

Mr. Trudell reported the trip to the Falls of French Creek. The mines are now actively worked, and specimens of magnetite, pyrite, sphalerite, calcite, gypsum, apophyllite, laumontite and byssolite were obtained.

Mr. Vanartsdalen took several trips to Moore Station, but with little success.

Mr. Koch told of recent investigations in the National Museum on Merrillite, and green calcite.

Mr. L. J. Herwegh described the Kutztown cave, near Reading, exhibiting fine specimens.

Mr. Hugh E. McKinstry, nominated by Mr. Gordon, and Mr. L. J. Herwegh, nominated by Mr. Flack, were elected to active membership.

The following officers were nominated and elected for 1917-1918:

President: Henry Leffman

Vice President: Harry W. Trudell

Treasurer: William Knabe

Secretary: Samuel G. Gordon

Executive Council: The above officers, and Messrs. Egee, Groth, and Vanartsdalen.

#### STATED MEETING

November 8, 1917

Harry W. Trudell: Collecting in North Carolina.

Illustrated.

#### EXCURSIONS:

Sunday, October 26. Leiperville, Avondale, Crum Lynne. Meet at 69th St. Terminal at 8.45 A. M.

Sunday, November 4. Brandywine Summit and Fairville. Meet at Broad St. Station at 7.30 A. M.

SAMUEL G. GORDON, *Secretary.*

#### THE MINERALOGICAL SOCIETY (OF GREAT BRITAIN)

London, June 19. Mr. W. Barlow, President in the Chair. Dr. G. F. H. Smith: The Problem of Sartorite. Dr. A. Scott: Note on a Curious Case of Devitrification. Dr. G. T. Prior: The Meteorites of Simondium, Eagle Station, and Amana. *Nature*, 2488, 379, 1917.

#### NOTES AND NEWS.

Mr. Hugh E. McKinstry of West Chester, Pennsylvania, has gone to France with a Friends' (Quaker's) Reconstruction Unit.

Dr. Alfred C. Hawkins, oil geologist, has left Bartlesville, Oklahoma, and now has his headquarters at Houston, Texas.

The death is announced of Dr. Charles O. Trechmann, a British crystallographer; in 1905 a rare sulfo-salt mineral was named in his honor, Trechmannite.

#### NEW MINERALS

##### Ectropite

GUSTAV FLINK: *Ektropil, a new mineral from Longbanshylltan, in Some novelties in the mineralogy of Sweden, Geol. Fören. Förh., 39, 426, 1917.*

NAME: from Greek *ektrope*, evasive, because of the uncertainty as to its composition, relationship, etc.

##### PHYSICAL PROPERTIES

Color: brown; Luster: vitreous to silky. H=4. Sp. Gr.=2.46.

##### CRYSTALLOGRAPHIC PROPERTIES

Monoclinic.  $a : b : c = 0.74 : 1 : 0.84$ ;  $\beta = 61^\circ 5'$ .

Cleavable parallel to the base.