

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

Annual Meeting of April 18, 1923

An annual meeting of the New York Mineralogical Club was held in the Assembly Room of the American Museum of Natural History on the evening of April 18, at 8 P. M. The President, Dr. George F. Kunz, presided and there was an attendance of 20 members.

The minutes of the last meeting were read and approved. The Treasurer submitted an annual report showing a balance of \$557.20 on hand. A motion by the President that the Club contribute \$25.00 to THE AMERICAN MINERALOGIST was carried. The President appointed as a committee on the Gratacap Memorial Tablet, Messrs. Whitlock, Stanton and Ashby. The Committee on Membership reported favorably on the following names which were forthwith declared elected to membership: Miss Hilda Lohr, 1082 Broad Street, Newark, N. J.; Miss Emma L. Kemp, Lincoln High School, Jersey City, N. J.; and Mr. Oliver P. Medsyer, Arlington, N. J.

The Committee on Nominations for Officers for the ensuing year recommended for reelection the following officers:-

For President	Dr. George F. Kunz
For Vice President	George E. Ashby
For Corresponding Secretary	Wallace G. Levison
For Recording Secretary	Herbert P. Whitlock
For Treasurer	Gilman S. Stanton

On motion the chairman of the Nominating Committee acting as Secretary *pro tem* cast one ballot for the above candidates who were declared elected.

The President reappointed the Committee on Program consisting of the President, the Recording Secretary, Messrs. Manchester, Wintringham, R. M. Allen, Lee, Ashby, and F. I. Allen, to arrange for a program for the coming year.

Capt. Miller introduced the question of a Committee on Excursions. After considerable discussion it was moved that the present committee on Excursions be reappointed with the addition of Mr. Charles Hoadley. On the introduction of the question of an objective for the Decoration Day excursion, the Secretary was instructed to write to Dr. J. Volney Lewis for suggestions as to localities for this field day. The Secretary was also instructed to convey to Prof. Daniel S. Martin the well wishes and esteem of the Club.

The following specimens were shown as a result of the three best specimens symposium which completed the program for the evening:-

Dr. Kunz:- Epidote from California showing dichroism. Chrysoberyl, Brazil, two twinned crystals weighing 10¼ and 11 oz. Quartz from Payette Lake, Idaho.

Mr. Walther:- Pseudogaylussite from Clyde River. Quartz pseudomorphs from Cumberland. Plumbogummite after pyromorphite, Cumberland. ✓

Mr. Wintringham:- Labradorite and anorthoclase, apophyllite. Quartz crystal distorted and developed like topaz.

Mr. Grenzig:- Quartz from North Carolina. Calcite from Woodcliff, showing basal planes. Quartz from Niagara Co., distorted crystals.

Mr. Allen:- Carnelian scarab.

- Mr. Broadwell:- Bismuth from Kingsgate, N. S. Wales. Molybdenite from Deepwater, N. S. W. Arsenopyrite from Emmaville, N. S. W.
- Mr. Maynard:- Calcite in fluorite from Weardale, Eng. Fluorite from Cornwall, Eng. Calcite from Weardale, Eng.
- Mr. Ashby:- Amethyst with cavities after aragonite. Capped quartz from Schlaggenwald, Bohemia, with 4 cappings each about $\frac{1}{4}$ inch thick, the complete separation being between the second and third cap. Fossil copal from near Paramaribo, Dutch Guiana, South America, and containing the pupa of insects, similar to white ants. The interesting point being that the contents of the pupa cavity is still liquid in the fossil gum.
- Meeting adjourned 9.35 P. M.

HERBERT P. WHITLOCK, *Recording Secretary.*

NEW MINERALS: NEW SPECIES

CLASS: PHOSPHATES, ETC. DIVISION: R'' : U^{vi} : P : H₂O = 2 : 1 : 2 : 1.

Parsonsite

ALFRED SCHOEP: Sur la parsonsite, nouveau minéral radioactif. [Parsonsite, a new radioactive mineral.] *Compt. rend.*, 176, (3) 171-173, 1923.

NAME: Dedicated to Professor A. L. Parsons of Toronto.

CHEMICAL PROPERTIES: Formula, regarded as probably 2PbO. UO₃.P₂O₅. H₂O or Pb₂(UO₂)(PO₄)₂.H₂O. Theory, PbO 50.0, UO₃ 32.1, P₂O₅ 15.9, H₂O 2.0%. Analysis on small samples purified by washing gave: PbO 44.71, CuO 0.25, CaO 0.63, Al₂O₃ 1.23, UO₃ 29.67, P₂O₅ 15.08, TeO₃ 3.01, MoO₃ 0.43, CO₂ 1.19, H₂O 1.56, insol. 1.51%; summation given as 99.47, but actually 99.27%. The Cu is believed to come from admixed torbernite which likewise contains Te and Mo. [Other admixture appears to be present, and it is to be hoped that the formula can be confirmed on purer material.] In the closed tube yields H₂O and becomes yellowish. On charcoal fuses to a black globule. Readily soluble in acids, leaving a slight insoluble residue and giving reactions for Pb, U, and P.

CRYSTALLOGRAPHIC PROPERTIES: Monoclinic or triclinic. Crystals very minute; habit tabular; taking the dominant form as (100), the angles are (100):(001) = 81°; (100):(hol) = 47-48°; (001):(hol) = 28-29°(?).

OPTICAL PROPERTIES: Biaxial; $n > 1.99$; birefringence weak; elongation +; extinction 12°.

PHYSICAL PROPERTIES: Color, pale brown, mostly due to inclusions; streak, pale brown with rose tinge; structure earthy, minutely crystalline to compact; luster greasy; density = 6.23; radioactive.

OCCURRENCE: Associated with torbernite at Kasolo, Katanga, Belgian Congo.

DISCUSSION: Acceptable as a new species, although the data are not as complete as might be desired.

E. T. W.

CLASS: PHOSPHATES, ETC. DIVISION: R : P : H₂O = 1 : 1 : 2.

Weinschenkite

F. HENRICH: Ueber ein neues Mineral, das seltene Erden als Hauptbestandteil enthält. (A new mineral which contains rare earths as essential constituents); with analytical data by G. HILLER and mineralogical data by H. LAUBMANN. *Edel-Erden und Erze*, 2, 181, 1921; *Ber. deutsch. chem. Ges.*, 55, (9), 3013-3021, 1922.

NAME: Given by Dr. Laubmann after the late petrographer of Munich, Professor Ernst Weinschenk.