

- *Winchell, Alexander N., Dept. of Geology, University of Wisconsin, Madison, Wisconsin.
 Withrow, James R., 77 16th Ave., Columbus, Ohio.
 *Wolff, John E., 360 South Grand Ave., Pasadena, California.
 Woods, Arthur E., 432 Central Ave., Orange, New Jersey.
 Woods, Raymond D., Box 1564, University Station, Austin, Texas.
 Woodward, Teynham, Box 5K, Palo Alto, California.
 *Wright, Fred E., Geophysical Laboratory, Washington, D. C.
 Wuestner, Herman, 3335 Cavanaugh Ave., Westwood, Cincinnati, Ohio.
 Zodac, Peter, 157 Wells St., Peekskill, New York.

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

Minutes of the Meeting of November 18th, 1931

A regular monthly meeting of the New York Mineralogical Club was held at the American Museum of Natural History on the evening of November 18th, 1931, with an attendance of 86. President Allen was in the Chair.

Miss Fannie Moses and Dr. Walter J. Reichert of New York; Miss Ruth Slack and Mr. Bernard Wuensch of Paterson, N. J.; and Mr. Stanley Saxton of Fairlawn, N. J., were elected to membership.

Mr. Morton reported on the Election Day excursion of the Club, to the quarries at W. Paterson and Prospect Park, N. J., which was enjoyed by about sixty people, nineteen different minerals being found. Motion pictures of the excursion were shown.

Professor R. J. Colony of Columbia University addressed the Club on "The Source of the Beach Sands of Long Island and New Jersey." The U. S. War Department investigated the behavior of these sands with reference to inlets, breakwaters and piers. The sampling and testing were described. The working hypothesis was proved correct: That the sands that form the beaches should reflect the character of the rocks from which they were derived. Lists of the minerals and rocks found were given. It was decided that the movement of sand along the New Jersey shore north of Asbury Park is northward; south of Asbury Park, southward; and along the Long Island shore, from east to west. The lecture was illustrated by lantern slides.

Discussion of the subject followed. A rising vote of thanks was tendered Dr. Colony for his very interesting talk.

DANIEL T. O'CONNELL, *Secretary*

Minutes of the Meeting of December 16th, 1931

A regular meeting of the New York Mineralogical Club was held at the American Museum of Natural History on the evening of December 16th, 1931, with an attendance of 82. President Allen was in the Chair.

Mr. A. L. Queneau, Mr. Glenn H. Niles, and Miss Pauline Merrill Cronon, of New York City; Mr. Peter Zodiac of Peekskill, N. Y.; Mrs. Sophia De Remer of Ozone Park, L. I.; and Miss Beulah Blumenthal of Brooklyn, N. Y., were elected to membership.

Professor Bertram T. Butler of The College of the City of New York spoke on "New York in the Geologic Past." He reviewed the periods of geologic time, and then drew a blackboard sketch giving a cross-section of the present stratigraphic and structural geology from Manhattan Island to the First Watchung Mountain at Paterson, N. J. Professor Butler traced the rocks of New York from early pre-Cambrian times through foldings, erosion, elevations, and subsidences to the present aspect at the close of the Ice Age.

A rising vote of thanks was given Professor Butler for his delightful presentation of the geologic history of our city and its environs.

DANIEL T. O'CONNELL, *Secretary*

Minutes of the Meeting of January 20th, 1932

A regular meeting of the New York Mineralogical Club was held at The American Museum of Natural History on the evening of January 20th, 1932, with an attendance of 60. President Allen was in the Chair.

The resignation of Mr. Roland Jackson Hunter of Freehold, N. J., was accepted.

The preparation of an elementary manual for the beginner in mineralogy was discussed. President Allen named Messrs. Morton, Ehrmann and Engel as a committee to consider the advisability of the preparation of such a manual as a club document.

The gathering was delighted by a "Symposium on Quartz." Every phase of the subject was considered, from sentimental to economic, in all its forms, natural and artificial. The following participated: President Allen, Dr. R. B. Sosman, Dr. Olaf Anderson, Miss Catherine Schroder, and Messrs. H. R. Lee, Radu, Maynard, Broadwell, Grenz, Morton, Ashby, O'Connell, and Strock.

The Club learned with regret of the death on December 23, 1931, of Wilson C. Bentley, internationally famed photographer of snow-crystals, of Jericho, Vermont.

DANIEL T. O'CONNELL, *Secretary*