

PROCEEDINGS OF SOCIETIES

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, December 7, 1933

A stated meeting was held with Dr. Gillson in the chair, and 51 members and 34 visitors present. Mr. Frankenfield announced that prizes had been awarded to Donald Rudolph, and John W. Christman for their exhibits of minerals at the Commercial Museum Hobby Show. Dr. Gillson appointed the following to the membership committee: Messrs. Toothaker, MacNelly, Fleming, Jr., Knorr, and Moyd. Mr. Biernbaum reported in great detail upon the Society's excursion to the Verdolite Quarry at Easton, which afforded many specimens of asbestos, aragonite, calcite, carnotite?, eastonite, thorianite?, talc, serpentine, and zircon to the 43 members of the party. Mr. Morgan reported finding pectolite, apophyllite, prehnite, chabazite, and aragonite at Paterson.

Professor R. J. Colony addressed the society on "The Source of the Sands of Long Island and the Coast of New Jersey," illustrated by means of lantern slides. It was determined that the migration of the Long Island sands is from east to west, and are but once removed from their source in the New England Upland; they contain magnetite. The migration of the New Jersey sands, which contain ilmenite, is north and south from Long Branch, and they are twice removed from their original source. A rising vote of thanks was tendered to Dr. Colony.

W. H. FLACK, *Secretary*

Academy of Natural Sciences of Philadelphia, January 4, 1934

President Gillson presided at a regular meeting in the Lecture Hall of the Academy, to which members of the Institution had been invited. Forty-two members and eighty-one guests were present.

The chair announced the death of Edward R. Gudehus on December 24th. Mr. Gordon introduced an amendment to Article II, Section 3, of the By-laws.

Dr. Benjamin L. Miller, Professor of Geology at Lehigh University addressed the society on "Deciphering the Geologic History of Eastern Pennsylvania—Progress Made and Unsolved Problems." A short history of early geologic effort was described, illustrated by early maps and reports. Unsolved problems concern the location of the volcanoes which deposited the six layers of volcanic ash in the Ordovician, as evidenced by the occurrence of kentonite in the sediments; and the development of the present day topography. The talk was illustrated with maps, diagrams, and lantern slides.

W. H. FLACK, *Secretary*