

## NOTES AND NEWS

### THE ROWE COLLECTION

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Last October Rutgers University was the recipient of a locally well-known collection of minerals. The donor was Mr. George Rowe of Rowe Place, Franklin, New Jersey. The Rowe Collection is now on display in the Museum of Geological Hall, Rutgers University. The Collection is of interest because of its many rare minerals and the large number of Franklin mineral species.

George Rowe was born in Cornwall, England, in 1868. At the age of eleven years he started to work in the mines near his home. He came to the United States when he was eighteen years old, and obtained employment in the iron mines of Michigan and Minnesota. In 1906 Rowe became identified with the New Jersey Zinc Company of Franklin, New Jersey. Rowe was mine captain from 1906 until 1937, when he retired.

Although not a trained mineralogist, Rowe possessed a keen eye for rare crystal forms and rare minerals. Most of the specimens in the Collection were found by Rowe, although many were given to him by his associates, and a few were purchased from mineral dealers.

Many of the rare minerals were identified by L. H. Bauer of the chemical laboratory of the New Jersey Zinc Company at Franklin, and by Dr. Charles Palache. Palache<sup>1</sup> acknowledges the Rowe Collection as one of the collections that furnished valuable data for his study of Franklin minerals.

Approximately 2400 specimens, consisting of 246 mineral species and varieties, make up the Collection. Thirty States and 26 foreign countries are represented. About half of the specimens are from New Jersey, 931 from Franklin. Of the 151 known species from Franklin, 129 are in the Collection. Roweite—a light brown, lath-shaped orthorhombic mineral, 5 in hardness, a hydrous borate of manganese and calcium—will soon be added. Mr. Rowe owns one of the three specimens named in his honor and has stated his intention of giving it to Rutgers.

Following is a summary of the more rare species and varieties in the collection, the common minerals being omitted:

<sup>1</sup> Palache, Charles: *U. S. Geol. Survey, Prof. Paper* 180, 2 (1937).

Allactite; Franklin	Hardystonite; Franklin
Allanite; Franklin	Hedyphane; Franklin
Ammiolite; Chile	Herderite; Poland, Me.
Anomite; Franklin	Hetaerolite; Franklin
Autunite; Bedford, N. Y.	Hodgkinsonite; Franklin
Barylite; Franklin	Hydrohetaerolite; Franklin
Barysilite; Franklin	Jeffersonite; Franklin
Bayldonite; Cornwall, England	Jossaite; Beresof, Siberia
Cahnite; Franklin	Jordanite; Binnenthal, Switzerland
Calcium larsenite; Franklin	Keilhauite; Arundal, Norway
Caswellite; Franklin	Larsenite; Franklin
Chalcophanite; Franklin	Lead; Franklin
Chlorophoenicite; Franklin	Leucophoenicite; Franklin
Cleiothane; Franklin	Linarite; Osani, S.W. Africa
Clinoclasite; Tintic, Utah	Lithiophilite; Branchville, Conn.
Clinohedrite; Franklin	Manganosite; Franklin
Coccolite; Franklin	Margarosanite; Franklin
Colerainite; Chester Co., Pa.	McGovernite; Stirling Hill, N. J.
Cumingtonite; Franklin	Nasonite; Franklin
Cyprine; Franklin	Norbergite; Franklin
Diabantite; Paterson, N. J.	Pyrochroite; Franklin
Edenite; Franklin	Roebingite; Franklin
Ellsworthite; Hybla, Ontario	Roepperite; Ogdensburg, N. J.
Epidesmine; Montgomery Co., Pa.	Schorlomite; Magnet Cove, Ark.
Fizelyite; Hungary	Schallerite; Franklin
Fluoborite; Franklin	Schefferite; Franklin
Fowlerite; Franklin	Sussexite; Franklin
Franklinite; Franklin	Triploidite; Conn.
Friedelite; Franklin	Vonsenite; Riverside, Calif.
Gágeite; Franklin	Vauxemite; Franklin
Gahnite; Franklin	Voquelinite; Beresof, Siberia
Ganophyllite; Franklin	Vorhauserite; Franklin
Geocronite; Sala, Sweden	Willemite; Franklin
Glockerite; Philadelphia, Pa.	Xonotlite; Franklin
Greenockite; Franklin	Zincite; Franklin
Hancockite; Franklin	Zunyite; Zuny Mine, Col.

Of interest is a single specimen of yellow spinel embedded in Franklin limestone, presenting the form of a simple cube modified by a trace of the octahedron. It is unique among Franklin spinel specimens and has received special mention by Palache.

Sixty-one rhodonite specimens of various shades, dimensions, and complexity of crystal forms is the outstanding feature of the Collection.

More than a hundred specimens are fluorescent, some phosphorescent.