

"A Method of Treating Complex Sulphides and a few of the Difficulties in Putting it into Practice," D. D. Dunkin.

"Glaciation in the Pikes Peak Quadrangle," C. H. Taylor.

"The Igneous Rocks about Cold Springs, Oklahoma," C. H. Taylor.

"The Ancestral Form of the Testudinata: An Embryological Study," H. H. Lane.

"The Stratigraphy of the Oil Region of Northeastern Oklahoma," D. W. Ohern.

"The Present Stage of the Canadian River," D. W. Ohern.

"The Study of American Government in the Public Schools," Clinton O. Bunn.

"Nationalism versus Internationalism," J. H. Sawtell.

"The Glass Sands of Oklahoma," Frank Buttram.

"Relation of Ionization to the Toxicity of Disinfectants: Preliminary Report," Oscar Harder.

"A Rapid Method of the Estimation of Salts in Butter: Preliminary Report," G. Y. Williams.

"A New Rapid Modification of the Iron-hæmatoxylin-orange G Method for Nerve Sections," A. M. Alden.

"The Application of Astronomy to Historical Research," Henry Meier.

"The Grignard Reaction," H. I. Jones.

"Building Stone Possibilities of Oklahoma," L. L. Hutchinson.

"The Available Coal of Oklahoma," L. L. Hutchinson.

"The Physical Characteristics of the Negro," Dr. A. C. Hirschfield.

"The Origin of the Concave Profile of Volcanoes," D. W. Ohern.

"The Human Heart and Dangers that Threaten it," G. T. Howerton.

"Post-mortem Findings in a Case of Pityriasis rubra pilaris," C. D. Blatchley.

The academy appointed a committee, of which Dr. C. N. Gould is chairman, to consider the advisability of securing state aid in publishing the proceedings of the academy. Another committee was appointed to institute a biological survey of the state. Of this committee Professor H. H. Lane is chairman. The academy is using all the influence that can be possibly brought to bear upon the people of the state to push forward the study of the various animal and plant forms before the influence of man disturbs natural conditions.

The next annual meeting of the academy will

be held at the Central State Normal at Edmond, November 26-27, 1911.

D. W. OHERN,
Assistant Secretary

THE ASSOCIATION OF TEACHERS OF MATHEMATICS IN THE MIDDLE STATES AND MARYLAND

THE fifteenth meeting of the association was held at the University of Pennsylvania, Philadelphia, on November 26, 1910. The program for the morning session was:

Address of welcome, Edgar F. Smith, vice-provost, University of Pennsylvania.

Miscellaneous business.

"Is the Average Secondary-school Pupil able to acquire a Thorough Knowledge of all the Mathematics ordinarily given in these Schools?" Isaac J. Schwatt, University of Pennsylvania. Discussion led by Rev. James J. Dean, Villanova College; Edward D. Fitch, the DeLancey School, Philadelphia, and E. B. Ziegler, Conshohocken, Pa.

Election of officers.

Following the morning session the association was entertained at luncheon by the university.

The program for the afternoon session was:

"Training for Efficiency in Elementary Mathematics," Ernest H. Kock, Jr., Pratt Institute, Brooklyn.

Report of the Committee on Mathematics in Continuation Schools, William E. Breckenridge, chairman, Stuyvesant High School, New York City.

Report of the Committee on Algebra Syllabus, Gustave Le Gras, chairman, College of the City of New York.

The officers for 1910-11 are: *President*, William Henry Metzler, Syracuse University, Syracuse, N. Y.; *Vice-president*, Philip R. Dean, Curtis High School, Staten Island, N. Y.; *Secretary*, Howard F. Hart, Montclair High School, Montclair, N. J.; *Treasurer*, Mrs. Clara H. Morris, High School for Girls, Philadelphia, Pa.; *Council Members*, Paul N. Peck, George Washington University, Washington, D. C.; Susan C. Lodge, Philadelphia Collegiate Institute, Philadelphia, Pa.; Eugene Randolph Smith, Polytechnic Preparatory School, Brooklyn, N. Y.; Isaac J. Schwatt, University of Pennsylvania, Philadelphia, Pa.; Clifford B. Upton, Teachers College, New York City; Fletcher Durrell, Lawrenceville School, Lawrenceville, N. J.

HOWARD F. HART,
Secretary