NOTES.

The twenty-second annual meeting of the American Mathematical Society will be held in New York City on Monday and Tuesday, December 27–28, 1915. Titles and abstracts of papers intended for presentation at this meeting should be in the hands of the Secretary by December 11. Abstracts intended to be printed in advance of the meeting should be sent in by December 4.

The thirty-sixth regular meeting of the Chicago Section, being the fifth western meeting of the Society, will be held at Columbus, Ohio, on Thursday, Friday, and Saturday, December 30–31 and January 1, in affiliation with the American association for the advancement of science. The first session will be a joint meeting with Section A of the Association, at which Professor H. S. White will deliver his retiring address as vice-president of Section A, on “Poncelet polygons,” and Professor E. J. Wilczynski will deliver his retiring address as chairman of the Chicago Section. Titles and abstracts of papers intended for presentation at this meeting should be in the hands of the Secretary of the Chicago Section by December 4.

A new edition of the List of Officers and Members of the Society is now in preparation and will be issued in January. Blanks for furnishing information have been sent to the members. A prompt response will contribute materially to the correctness and completeness of the List.

The sixty-eighth meeting of the American association for the advancement of science will be held at Columbus, Ohio, December 27 to January 1, under the presidency of Professor W. W. Campbell, of Lick Observatory. Professor A. O. Leuschner is vice-president and Professor F. R. Moulton secretary of Section A.

The concluding (October) number of volume 16 of the Transactions of the American Mathematical Society contains the following papers: “A type of singular points for a transformation of three variables,” by W. V. Lovitt; “The re-


The United States Bureau of education has recently issued the following two bulletins: No. 35, on "Mathematics in the lower and middle commercial and industrial schools of various countries represented in the International commission on the teaching of mathematics," prepared by Dr. E. H. Taylor with the editorial cooperation of the American members of the Commission; No. 39, on "The training of elementary school teachers in mathematics in the countries represented by the Commission," by Dr. I. L. Kandel. These bulletins may be obtained by teachers of mathematics on application to the Bureau.

The Joint committee on standards for graphic presentation, composed of representatives of a number of national organizations, has issued a preliminary report as a basis for suggestions to the committee. Copies can be obtained from the American society of mechanical engineers, 29 West 39th Street, New York City, at 10 cents each.

At the University of Kansas, Dr. C. H. Ashton has been promoted from an associate professorship to a full professorship of mathematics.

Dr. E. C. Colpitts, of the State College of Washington, has been promoted from an assistant professorship to an associate professorship of mathematics.

Miss Gertrude I. McCain has been appointed professor of mathematics in the Western College for Women, Oxford, Ohio.

Professor E. H. Jones, of Daniel Baker College, has been appointed associate professor of mathematics in the Southern Methodist University.

At Williams College Dr. H. L. Agard has been promoted to an assistant professorship of mathematics.

Dr. S. D. Killam, of the University of Alberta, has been promoted to an assistant professorship of applied mathematics.

The following appointments to instructorships in mathematics are announced: Dr. M. G. Gaba, at Cornell University; Dr. L. M. Kells, at the College of the City of New York; Mr. J. S. Mikesh, at the University of Minnesota; Dr. P. R. Rider, at the Sheffield Scientific School.

Book catalogues: The Macmillan Company, 66 Fifth Avenue, New York City, catalogue of mathematical and

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.


BACHMANN (P.). See ENCYCLOPÉDIE.


CAHEN (E.). See ENCYCLOPÉDIE.


DINGELDEY (F.). See SALMON (G.)


FIEDLER (W.). See SALMON (G.)