editors the president and secretary of the section met with representatives from other botanical organizations to make plans for the publication of a journal of botanical abstracts.

At the business meeting 9 A.M., Monday, December 31, the committee on war activities of botanists reported resolutions which were adopted. These have already been placed in the hands of the permanent secretary.

A request was received from the organization committee of *Botanical Abstracts* for the election of two representatives from Section G on the board of control of *Botanical Abstracts*. B. T. Livingston was elected representative for four years and A. F. Blakeslee representative for two years.
A. F. BLAKESLEE.
Secretary

AMERICAN MATHEMATICAL SOCIETY

THE twenty-fourth annual meeting of the society was held at Columbia University on Thursday and Friday, December 27–28, 1917, extending through two sessions on Thursday and a morning session on Friday. The attendance included forty-six members. Professors R. G. D. Richardson, of Brown University, and J. W. Young, of Dartmouth College, presided. The council reported the election to membership in the society of Dr. J. W. Campbell, Wesley College, Winnipeg; Dr. Mary F. Curtis, Western Reserve University; Mr. C. H. Parsons, Columbia University; Mr. J. B. Rosenbach, University of New Mexico; Mr. H. M. Terrill, Columbia University. Five applications for membership were received.

Committees were appointed to arrange for the summer meeting of the society at Dartmouth College in 1918 and for the summer meeting and colloquium at the University of Chicago in 1919.

The total membership of the society is now 735, including 77 life members. The total attendance at all meetings, including sectional meetings, during the past year was 338. The number of members attending at least one meeting during the year was 198. At the annual meeting 116 votes were cast for officers. The Treasurer's report shows a balance of $9,762.98, including the life membership fund of $6,333.13. Sales of the society's publications during the year amounted to $1,474.19. The Library now contains 5,475 volumes, excluding unbound dissertations.

At the annual election, which closed on Friday morning, the following officers and other members of the council were chosen: Vice-presidents, J. L.

Coolidge and D. R. Curtiss. Secretary, F. N. Cole. Treasurer, J. H. Tanner. Librarian, D. E. Smith. Committee of publication, F. N. Cole, Virgil Snyder, J. W. Young. Members of the council to serve until December, 1920, R. C. Archibald, Dunham Jackson, D. N. Lehmer, J. B. Shaw.

The following papers were read at this meeting:

F. L. Hitchcock: "The coincident points of two algebraic transformations."

W. B. Carver: "The conditions for the failure of the Clifford chain."

C. J. Keyser: "The rôle of the concept of infinity in the work of Lucretius."

C. J. Keyser: "Concerning the number of possible interpretations of any system of postulates."

W. H. Wilson: "Systems of functional equations which define hyperbolic sine, hyperbolic cosine, sine and cosine uniquely."

C. H. Forsyth: "Tangential interpolation of ordinates among areas."

W. B. Fite: "Concerning the zeros of the solutions of certain differential equations."

R. L. Moore: "Concerning a set of postulates for plane analysis situs."

C. A. Fischer: "Integral equations involving Stieltjes integrals."

O. E. Glenn: "Preliminary report on a new treatment of theorems of finiteness."

C. L. E. Moore: "Rotations in hyperspace."

G. M. Green: "Memoir on the general theory of surfaces and rectilinear congruences."

J. F. Ritt: "On the iteration of rational functions."

Olive C. Hazlett: "On rational integral invariants and covariants of the general linear algebra."

Anna J. Pell: "Systems of linear equations."

Norbert Wiener: "Internal isomorphisms of complex algebra."

T. R. Hollcroft: "A classification of general (2, 3) point correspondences between two planes."

W. F. Osgood: "Singular points of analytic transformations."

M. T. Hu: "Linear integro-differential equations with a boundary condition."

Frank Morley: "Some general projective invariants of the algebraic plane curve."

Abstracts of the papers will appear in the March number of the *Bulletin* of the society.

The Chicago Section of the society met at the University of Chicago on December 28–29. The next regular meeting of the society will be held at Columbia University on February 23.

F. N. COLE,
Secretary