

"Life-history Notes on *Psephenus lecontei* and *Hydroporus septentrionalis*," by Robert Matheson. (Read by title.)

"The Sequence of Color Changes During Ontogeny in *Cicindela*," by V. E. Shelford.

"Notes on the External Anatomy of Some Pentatomidæ," by R. W. Leiby.

"The Biology of *Gelechia gallæsolidaginis* with Some Reference to Some of Its Parasites," by L. S. Barber.

"A Little Known Wire-worm, *Horistonotus uhleri*," by A. F. Conradi.

"The Life-history of a Species of Psychodidæ," by Leonard Hazeman. (Read by title.)

"The Structure of the Thorax in Generalized Insects," by A. D. MacGillivray.

"Behavior of *Anopheles tarsimaculata* Goldi," by James Zetek. (Read by title.)

"Life-history of *Elophila magnificalis*, an Aquatic Lepidopteron," by J. T. Lloyd. (Read by title.)

The following officers were elected for 1914:

*President*—Dr. Philip P. Calvert, University of Pennsylvania.

*First Vice-president*—Dr. James G. Needham, Cornell University.

*Second Vice-president*—Dr. C. Gordon Hewitt, Dominion Entomologist.

*Secretary-treasurer*—Dr. Alex. D. MacGillivray, University of Illinois.

*Additional Members of the Executive Committee*—Professor Herbert Osborn, Ohio State University; Dr. W. M. Wheeler, Harvard University; Professor Vernon L. Kellogg, Leland Stanford Junior University; Mr. Nathan Banks, United States National Museum; Dr. E. P. Felt, State Entomologist of New York, and Professor J. M. Aldrich, United States Bureau of Entomology.

*Member of Committee on Nomenclature*—Professor T. D. A. Cockerell, University of Colorado.

The next meeting will be held in Philadelphia, Pa., in affiliation with the American Association for the Advancement of Science.

ALEX. D. MACGILLIVRAY,  
Secretary

### SOCIETIES AND ACADEMIES

#### THE AMERICAN MATHEMATICAL SOCIETY

THE one hundred and sixty-eighth regular meeting of the society was held at Columbia University on Saturday, February 28. The attendance at the two sessions included forty-two members. Vice-president L. P. Eisenhart occupied the chair.

The following new members were elected: Mr. E. W. Castle, Princeton University; Professor P. J. Daniell, Rice Institute; Mr. L. R. Ford, Harvard University; Mr. G. M. Hill, State Normal School, Springfield, Mo.; Dr. R. A. Johnson, Adelbert College; Dr. L. M. Kells, Columbia University; Dr. W. W. Küstermann, Pennsylvania State College; Professor J. F. Reilly, State University of Iowa; Professor F. B. Williams, Clark University. Nine applications for membership were received.

An amendment of the constitution was adopted by which the secretary of the Chicago Section becomes *ex officio* a member of the council.

The following papers were read at this meeting:

H. S. Vandiver: "Note on Fermat's last theorem."

G. M. Green: "One-parameter families of space curves, and conjugate nets on a curved surface."

G. M. Conwell: "Brachistochrones under the action of gravity and friction."

R. D. Beetle: "A formula in the theory of surfaces."

C. A. Fischer: "The Legendre condition for a minimum of a double integral, with an isoperimetric condition."

A. R. Schweitzer: "A generalization of functional equations."

A. R. Schweitzer: "Some critical remarks on analytic realism."

E. V. Huntington: "A graphical solution of a problem in geology."

H. Galajikian: "A relation between a certain non-linear Fredholm equation and a linear equation of the first kind."

Dunham Jackson: "Note on rational functions of several complex variables."

E. B. Wilson: "Infinite regions in geometry."

H. Bateman: "The structure of the aether."

F. R. Sharpe and Virgil Snyder: "Birational transformations of certain quartic surfaces."

F. R. Sharpe and C. F. Craig: "An application of Severi's theory of a basis to the Kummer and Weddle surfaces."

B. E. Mitchell: "Complex conics and their real representation."

W. H. Roever: "Analytic derivation of formulas for the deviation of falling bodies."

The next meetings of the society will be held at Chicago, April 10-11, and at New York, April 25.

F. N. COLE,  
Secretary