

elected for the forthcoming year: *President*, Edward Bartow, State University of Iowa; *Vice-president*, R. E. Buchanan, Iowa State College; *Secretary-Treasurer* and *American Association for the Advancement of Science Representative*, J. C. Gilman, of Iowa State College; *Editor*, Mrs. F. W. Nichols, Ames; *Botany and bacteriology*, Louisa Sargent, Grinnell College; *chemistry, general and physical*, Ben H. Peterson, Coe College; *chemistry, organic and biological*, L. Chas. Raiford, State University of Iowa; *geology*, J. J. Runner, State University of Iowa; *mathematics*, M. E. Graber, Morningside College; *physics*, A. W. Meyer, Coe College; *psychology*, George D. Stoddard, State University of Iowa; *Zoology*, R. L. King, State University of Iowa.

J. C. GILMAN,  
*Secretary*

### THE KANSAS ACADEMY OF SCIENCE

THE sixty-sixth annual meeting of the Kansas Academy of Science was held at the Municipal University of Wichita and Wichita High School East from April 26 to 28. The program consisted of approximately 123 papers, given in the general sessions on the forenoons of April 27 and 28, and in sectional programs. The biology, chemistry, physics, psychology and Junior Academy sectional meetings were held in the afternoon of April 27. The entomology sectional program was held in the afternoon of April 28, under the auspices of the Kansas Entomological Society. The registered attendance at the programs was 218, and the total attendance at the sectional meetings was estimated at about 300. Four lectures were delivered during the course of the meetings. Mr. S. D. Flora, of the U. S. Weather Bureau, lectured on "Kansas Weather and its Effects on Crops"; Dr. F. L. Duley, of the U. S. Department of the Interior, gave a lecture on the "Kansas Soil Erosion Demonstration"; Dr. R. C. Moore, state geologist of Kansas, gave an illustrated lecture on "A Boat Trip through the Grand Canyon of Colorado." The presidential address was delivered at the annual banquet by Dr. J. Willard Hershey, of McPherson College. His subject was "The Historical Development of the Relationship of Gases to Animal Life."

The officers elected for 1934-35 are: *President*, Wm. H. Matthews, Kansas State Teachers College, Pittsburg; *First Vice-president*, E. A. Marten, University of Wichita, Wichita; *Second Vice-president*,

W. J. Baumgartner, University of Kansas, Lawrence; *Secretary*, George E. Johnson, Kansas State College, Manhattan; *Treasurer*, Harvey A. Zinszer, Fort Hays Kansas State College, Hays. The following chairmen of sections were elected: *Biology*, L. E. Melethers, Kansas State College, Manhattan, and (*Vice-chairman*) C. E. Burt, Southwestern College, Winfield; *chemistry*, L. Oneley, Southwestern College, Winfield; *physics*, G. W. Maxwell, Kansas State College, Manhattan; *psychology*, Paul Murphy, Kansas State Teachers College, Pittsburg; *entomology*, H. R. Bryson, Kansas State College, Manhattan. Additional members of the executive council are: J. W. Hershey, McPherson College, McPherson; J. B. Stroud, Kansas State Teachers College, Emporia; R. H. Beamer, University of Kansas, Lawrence. Dr. F. C. Gates, of Kansas State College at Manhattan, was reappointed editor. The 1935 meeting will probably be held either at Topeka or Lawrence.

GEORGE E. JOHNSON,  
*Secretary*

### THE PENNSYLVANIA ACADEMY OF SCIENCE

THE tenth annual meeting of the Pennsylvania Academy of Science was held on March 30 and 31 at Albright College, Reading, Pa. Dr. John C. Johnson, State Teachers College, West Chester, Pennsylvania, presided. Sixty-four papers were read at the meeting. One hundred and ten members registered.

A junior academy was organized and sponsored by the senior organization. This young organization was well attended, and the program was enthusiastically received. Mr. Karl F. Oerlein, Upper Darby Senior High School, Upper Darby, Pa., was elected president of the junior body.

In the senior body the following officers were elected: *President*, Dr. S. H. Derickson, Lebanon Valley College, Annville, Pa.; *Vice-president*, Dr. Edgar T. Wherry, University of Pennsylvania, Philadelphia, Pa.; *Treasurer*, Dr. H. W. Thurston, Pennsylvania State College, State College, Pa.; *Secretary*, Dr. T. L. Guyton, Department of Agriculture, Harrisburg, Pa.; *Assistant secretary*, Dr. V. Earl Light, Lebanon Valley College, Annville, Pa.; *Editor*, Mr. R. W. Stone, Pennsylvania Geological Survey, Harrisburg, Pa.

The place for the summer meeting was fixed for the Mount Gretna district in Lebanon County.

## SCIENTIFIC APPARATUS AND LABORATORY METHODS

### AVIAN MALARIAL INFECTIONS AS CLASS-ROOM MATERIAL<sup>1</sup>

It is often a problem to secure suitable material

<sup>1</sup>From the Department of Zoology, Syracuse University.

for the study of important types of parasites in courses in zoology, protozoology and parasitology. The malarial parasites illustrate this, for although human malaria is a disease of great importance, it