

general meeting in the evening, at which the retiring President, Dr. W. G. Waterman, of Northwestern University, gave the address. Friday morning and evening were also devoted to general meetings, at which invitation addresses were given. On Friday afternoon the following sections met for the presentation of papers and discussions: Biology and Agriculture; Chemistry and Physics; Geography and Geology; Medicine and Public Health; Psychology and Education; High-school Science, and Mathematics.

There were 73 papers on the program for all the meetings, and most of these will be published in the annual *Transactions*.

On Saturday, May 3, there were three excursions: One to the Elgin Watch Factory and Astronomical Observatory; another, a field trip, to regions of interesting glacial deposits about Elgin. This excursion was led by Dr. M. M. Leighton and Dr. Paul MacClintock. The third excursion was a botanical field trip, and was led by Dr. H. C. Cowles. The White Cedar Swamp, a relic of the glacial age, was studied, and the famous Evergreen Nurseries at Dundee were visited.

At noon on Saturday all three excursion groups met at Trout Park, Elgin, and enjoyed the complimentary luncheon furnished by the Illinois Nature Study Society. Mr. Carl Gronemann, chairman of the local committee of arrangements, ably assisted by many local organizations, did much toward making the convention a pronounced success.

The following officers were elected for 1924-25:

President: W. G. Bain, M.D., Springfield.
Vice-president: C. H. Smith, Chicago.
Secretary: C. Frank Phipps, DeKalb.
Treasurer: W. B. McDougall, Urbana.
Librarian: A. R. Crook, Springfield.

There were 34 candidates elected to membership, making the total membership of the academy about 550.

C. FRANK PHIPPS,
Secretary

THE VIRGINIA ACADEMY OF SCIENCE

THE second annual meeting of the Virginia Academy of Science was held at Washington and Lee University, Lexington, Virginia, on May 2 and 3. The Virginia Section of the American Chemical Society met with the academy.

The presidential address "The church and science" was delivered by the retiring president, Professor Ivey F. Lewis, of the University of Virginia. Dr. C. S. Lind, of the Bureau of Mines, Washington, D. C., gave an address on "Radioactivity."

The following officers were elected for 1924-25:

President: James L. Howe, Washington and Lee University.

Secretary-Treasurer: E. C. L. Miller, Medical College of Virginia.

Member of the Council: Ivey F. Lewis, University of Virginia.

The following scientific program was presented:

A simple and yet fairly accurate method of measuring directly quantities of fluid of the order of one cubic millimeter without resorting to pipettes and dilutions: E. C. L. MILLER.

Corn pith as a substitute for cork in the entomological laboratory: J. B. UNDERHILL.

The effects of various inorganic salts on paramecia: E. V. GRAY.

A comparative study of Bacillus carotovorus Jones and B. aroideae Townsend: A. B. MASSIE.

Plant diseases; their occurrence and importance in Virginia: F. D. FROMME.

Effects of endocrine glands upon frog larvae: C. C. SPEIDEL.

Pollination in Plantago decipiens: LENA B. HENDERSON.

Modern man as related to pre-historic man: R. B. BEAN.

The evolutionary history of the spleen in its relation to blood formation: H. E. JORDAN.

Internal motions in the spiral nebulae and their bearing on cosmogony: H. L. ALDEN.

An unusual migration date for the chimney swallow: I. F. LEWIS.

Digestive enzymes of the coelenterates—Hydra viridis and H. fusca: M. C. YODER.

Ciliogenesis in the oesophagus of the frog tadpole: J. E. KINDRED.

Inheritance of flower color in the garden balsam: D. W. DAVIS and RACHEL TARRAL.

Social and economic status of college students: WM. M. BROWN.

A bacteriological study of the water of Lexington and the swimming pool: W. D. HOYT and D. C. T. TSENG.

Vapor pressure measurements: SIDNEY S. NEGUS.

Perchloric acid as an analytical reagent: JOHN H. YOE.

Examination of a turbine petroleum sludge: ALBERT SALATHE.

A discussion of chemical education was introduced as follows:

The correlation of high-school and college chemistry from the standpoint of the college: GARNETT RYLAND.

The correlation of high-school and college chemistry from the standpoint of the secondary school: LEROY L. SUTHERLAND.

The correlation of college and medical school chemistry: E. C. L. MILLER.

E. C. L. MILLER,
Secretary

THE AMERICAN MATHEMATICAL SOCIETY

THE twenty-first regular western meeting of the American Mathematical Society was held at the Uni-