

employed, also with the end in view of reducing the cost of the mixture.

ROY C. THOMAS

OHIO AGRICULTURAL EXPERIMENT STATION

THE GEORGIA ACADEMY OF SCIENCE

THE Georgia Academy of Science held its third annual meeting on November 21 and 22 at Emory University. Officers for the ensuing year were elected as follows: L. L. Hendren, University of Georgia, *president*; G. H. Boggs, Georgia School of Technology, *vice-president*; Henry Fox, *secretary-treasurer*. The following persons were elected members of the executive council: C. R. Fountain, Mercer University; N. P. Pratt, Citizens and Southern Bank, Atlanta, and R. P. Stephens, University of Georgia.

The following minute was adopted and ordered to be entered on the records of the academy:

Dr. William Henry Emerson, dean and professor of chemistry in the Georgia School of Technology, and charter-member of the Georgia Academy of Science, died on Thursday, November 13, 1924, in the sixty-fifth year of his age.

Dr. Emerson was a distinguished chemist, an energetic and laborious investigator and an inspiring and successful teacher. A modest, gentle and lovable personality he won and held the respect and affection of all with whom he was associated.

In his death science has lost a brilliant votary, the state a most valuable citizen, the School of Technology a loyal and devoted officer and administrator, and the Academy of Science an honored and beloved member.

This minute is inscribed in token of the admiration and esteem entertained by the members of the academy for Dr. Emerson and of the great sorrow occasioned them by his death.

The following persons were unanimously elected members of the academy: Dr. George Bachmann, professor of physiology, Emory University; Dr. E. R. Clark, professor of anatomy, University of Georgia Medical School; Dr. M. P. Jarnagin, professor of animal husbandry, State College of Agriculture; Mr. R. D. Kneale, chief engineer, S. E. Findley Co.; Dr. Edwin Linton, professor of parasitology, University of Georgia Medical School; Dr. Mary S. MacDougall, professor of biology, Agnes Scott College; Dr. J. L. McGhee, professor of chemistry, Emory University, and Dr. J. F. Messick, professor of mathematics, Emory University.

The following papers were presented at the meetings:

Some additional evidence of the interference principle in osmosis: J. L. MCGHEE.

Selection in castor beans: T. H. MCHATTON.

Some new organic fluorides: O. R. QUAYLE. (Introduced by J. S. GUY).

Two troublesome fungi: E. S. HEATH.

Stone Mountain flora: E. S. HEATH.

Determinism, mechanism and freedom of the will: A. S. EDWARDS.

Recent discoveries in archeology: W. A. SHELTON. (Read by title.)

Porocephalus cordeli. A new species of Lingualid from Georgia: JOSEPH KRAFKA, JR. (Read by title.)

Illustrated talk on Stone Mountain: S. W. MCCALLIE.

Tetraploidy: MARY S. MACDOUGALL.

The relation of the vagus nerves to the atrio-ventricular nodes: GEORGE BACHMANN.

History of science in Georgia: R. P. STEPHENS.

Absorption spectra of solutions: J. S. GUY.

Types of mathematical relations as they occur in general physics: L. L. HENDREN.

The Lewis-Langmuir structure of the atom applied to complex compounds: C. J. BROCKMAN. (Introduced by R. P. STEPHENS.)

A study of certain factors involved in the course of laboratory infections with Plasmodium praecox: G. H. BOYD. (Introduced by R. C. RHODES.)

Treatment of malaria in birds: G. H. BOYD.

HENRY FOX,

Secretary

BIOLOGICAL MEETING AT RIVERSIDE, CALIFORNIA

A JOINT meeting of the San Jacinto Section of the Western Society of Naturalists and the Synapsis Club of the Citrus Experiment Station of Riverside was held on October 31 and November 1. On the first day of the meeting President H. S. Foster presided at the reading of the following papers:

Afferent and efferent pathways in the nervous system: DR. W. A. HILTON, Pomona College.

Remarks concerning Pacific plankton diatoms of tropical and temperate waters: W. E. ALLEN, Scripps Institute for Biological Research, La Jolla, Calif.

Chromosomes of Citrus: Illustrated with lantern. DR. H. B. FROST, Citrus Experiment Station, Riverside, Calif.

A recent collecting trip in Florida and Alabama: Illustrated with lantern. DR. F. B. SUMNER, Scripps Institute for Biological Research, La Jolla, Calif.

A sphinx among fishes: O. D. HOWARD, University of Southern California.

The first day's meeting was held in the science lecture room of the University of California, Southern Branch.

On November 1, the societies met at 10 A. M. for a field trip to Del Rey in charge of Dr. Loye Miller, of the University of California, Southern Branch, to study marsh, sand dune and beach life.

The officers elected for the following year were: *President*, Dr. O. L. Sponsler, University of California, Southern Branch; *Secretary-treasurer*, Dr. W. A. Hilton, Pomona College.