

## SOCIETIES AND MEETINGS

### THE VIRGINIA ACADEMY OF SCIENCE

THE Virginia Academy of Science held its fifteenth annual meeting at the University of Virginia, on May 6, 7 and 8, with a registration of 376. The public address on Friday night was given by Professor Ernest Orlando Lawrence, of the University of California, under the joint auspices of the academy and the University of Virginia Chapter of the Society of Sigma Xi. The subject of his address was "Atoms, New and Old."

The Academy Prize of \$50.00 was awarded to Professor R. G. Henderson, of the Virginia Polytechnic Institute, for a paper entitled "Studies on the Downy Mildew Disease of Tobacco," and the Jefferson Gold Medal was awarded to Dr. William Branch Porter, of the Medical College of Virginia, for a paper entitled "Heart Changes and Physiologic Adjustment in Hookworm Anemia." Honorable mention was also accorded to J. R. Dietrich for a paper entitled "Propagation of Potential in Discharge Tubes" and to R. W. Quarles and A. F. Benton for a paper entitled "Heats of Absorption of Gases on Sodium Fluoride." One hundred and seventy-nine papers were presented in the sectional meetings, 39 being in the Section of Astronomy, Mathematics and Physics, 50 in Biology, 29 in Chemistry, 11 in Education, 25 in Geology, 17 in Medical Sciences and 8 in Psychology. There were also very interesting demonstrations in some of the sections.

The following officers were elected for the coming year:

*President:* Professor D. Maurice Allan, of Hampden-Sydney College.

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

*President-elect:* Dr. F. L. Robeson, of the Virginia Polytechnic Institute.

*Member of the Council:* Dr. Robert F. Smart, of the University of Richmond.

The following are the officers of sections for the coming year:

*Astronomy, Mathematics and Physics:*

Dr. Preston Edwards, of Sweet Briar College, *chairman*.

Dr. Charles H. Wheeler, III, of the University of Richmond, *Secretary*.

*Biology:*

Professor L. L. Hill, of Washington and Lee University, *chairman*.

Dr. Paul M. Patterson, of Hollins College, *sub-chairman for botany*.

Dr. W. L. Threlkeld, of the Virginia Polytechnic Institute, *secretary*.

*Chemistry:*

Dr. M. J. Murray, of Lynchburg College, *chairman*.

Professor Wm. E. Trout, Jr., of Mary Baldwin College, *secretary*.

*Education:*

Dr. A. M. Jarman, of the University of Virginia, *chairman*.

Dr. C. E. Myers, of the State Board of Education, *secretary*.

*Geology:*

Dr. A. A. Pegau, of the University of Virginia, *chairman*.

Wm. M. McGill, of the Virginia Geological Survey, *secretary*.

*Medicine:*

Dr. H. B. Haag, of the Medical College of Virginia, *chairman*.

Dr. I. D. Wilson, of the Virginia Polytechnic Institute, *secretary*.

*Psychology:*

Dr. Helen Peak, of Randolph-Macon Woman's College, *chairman*.

Dr. R. H. Henneman, of the College of William and Mary, *secretary*.

Following the meeting there were two field trips, one by the geologists, on Saturday afternoon, and one by the Claytonia Club (botanists) extending over Saturday afternoon and Sunday.

E. C. L. MILLER,  
*Secretary-Treasurer*

### THE ALABAMA ACADEMY OF SCIENCE

THE fourteenth annual meeting of the Alabama Academy of Science met on the campus of the University of Alabama, Tuscaloosa, on April 2 and 3, with Dr. Walter B. Jones, state geologist and president of the academy, presiding. This was one of the most successful meetings in the history of the academy, for which 140 members and 60 visitors registered. The meetings were held in the Chemistry and in the new Bureau of Mines Buildings. The Junior Academy, which held its fifth annual meeting at the same time in Smith Hall, was attended by 151 members and visitors, with Dr. James L. Kassner, University, and Mr. Matt J. Lawler, Murphy High School, Mobile, acting as counselors.

Registration began at 8:00 A. M. on Friday. A meeting of the executive committee was held at 10:30; a preliminary business meeting at 11:15, with the final business meeting at 5:15 P. M. The reports of the various committees were given and routine business conducted. A resolution in memoriam for Reverend Bede Knapke, of St. Bernard College, Cullman, who died in January, was read by P. H. Yancey, academy counselor to the American Association for the Advancement of Science.

The following officers were elected for 1937-1938.

*President* (elect of last year): Roger W. Allen, Alabama Polytechnic Institute, Auburn.

*President-elect*: P. H. Yancey, Spring Hill College, Mobile.

*Secretary*: Septima Smith, University (reelected for three years).

*Councilor to the American Association for the Advancement of Science*: Paul Bales, Howard College, replacing P. H. Yancey, Spring Hill College.

Officers held over from last year are:

*Treasurer*: B. F. Clark, Birmingham-Southern College (one year).

*Editor of the Journal*: E. V. Jones, Birmingham-Southern College (two years).

The chairmen of sections, vice-presidents of the academy, elected for next year are as follows:

Section I, Biology and Medical Sciences, J. Gordon Carlson, University, replacing C. M. Farmer, State Teachers College, Troy.

Section II, Chemistry, Physics and Mathematics, George W. Hargreaves, Alabama Polytechnic Institute, Auburn, replacing H. D. Jones, Vanderbilt.

Section III, Geology, Anthropology and Archeology, Peter A. Brannon, Montgomery, replacing J. R. Cudworth, University.

Section IV, Industry, Economics and Geography, John Xan, Howard College, Birmingham, replacing Fred B. Riggan, Stockham Pipe and Fittings Company, Birmingham.

The new officers of the Junior Academy are:

*President*: Clarence Dudley, Phillips High School.

*Vice-president*: William Pittman, Shades Cahaba High School.

*Secretary*: Bebe Faust, Woodlawn High School.

*Treasurer*: Dawson Kendrick, Woodlawn High School—all in Birmingham.

The Academy Award from the American Association for the Advancement of Science was granted to Dr. Septima Smith, of the Zoology Department, University, for aid in her studies of Alabama dragonflies. Dr. Edgar Allen was elected to honorary membership in the academy. He is the second man in the history of the academy to be so selected. Twenty-five new members joined the academy during the year.

The papers were presented in four sections on Friday afternoon and Saturday morning, with additional

demonstrations in Nott Hall, School of Medicine. A Dutch luncheon was served on Friday at noon in the basement of Smith Hall. A tea for members and visitors was held in the Main Exhibition Hall, Smith Hall, on Friday afternoon. On Friday evening the annual banquet was held in the beautiful new dining room at Tutwiler Hall, with Dr. Jack P. Montgomery, of the school of chemistry, serving as toastmaster. This was attended by members of both the Junior and the Senior Academy. The feature of the evening was the presidential address, given by Dr. Walter B. Jones, on the subject, "Conservation of our Natural Resources." This was followed by the first showing, except a preview in Washington, of a two-reel movie entitled "Temples and Peace," a sound picture of the Moundville culture, courtesy of the National Park Service. The invocation was given by the Reverend P. H. Yancey, of Mobile. Dr. George Hutcheson Denny, chancellor of the university, gave the address of welcome, with the response by Peter A. Brannon, curator, Department of Archives and History, Montgomery.

Section III held a geological and archeological field trip on Saturday morning, visiting Mound Park, site of the celebrated Moundville culture, Moundville, Alabama; and the famous Havana gullies, carved in the variegated clays of the Tuscaloosa formation of Cretaceous Age. The trip was conducted by Dr. Walter B. Jones.

The official meeting closed on Saturday at noon with a complimentary barbecue, given by the university in Smith Hall Park.

Many visitors remained for the public lecture on Saturday night by Dr. Edgar Allen, of Yale University, on the subject, "Internal Secretions and Reproduction," held under the auspices of the local Sigma Xi club, by courtesy of the University of Alabama, sponsored by the national organization of Sigma Xi Fraternity. This was accompanied by lantern slides and motion pictures. Field trips to the plant of the Gulf States Paper Corporation, Bryce Hospital, Veterans Facility, University of Alabama, the ravines and bluffs along the Warrior River, and Mound Park filled Saturday afternoon preceding the lecture.

SEPTIMA SMITH,  
*Secretary*

## SPECIAL ARTICLES

### THE OCCURRENCE IN MAMMALIAN TISSUE OF A LIPID FRACTION ACTING AS INHIBITOR OF BLOOD CLOTTING<sup>1</sup>

WE have found that cerebroside fractions obtained

<sup>1</sup> This work has been made possible by a grant from the Carnegie Corporation of New York in aid of the study of the mechanism of thrombosis and embolism.

from brain of sheep and pigs contain a substance which acts as inhibitor of the clotting of blood and plasma. While the activity of the inhibitor fractions obtained from different batches of tissue varied considerably, in every case an active fraction could be