

1930 the lectures were given by Professor A. V. Hill of the University of London and in 1931 by Professor E. D. Adrian of Cambridge University.

### THE SIGMA XI SEMI-CENTENNIAL AT CORNELL UNIVERSITY

SIGMA XI, national scientific honor society with sixty-six chapters in American colleges and universities, will celebrate at Cornell University on June 19 and 20 the fiftieth anniversary of its founding. *The Cornell Alumni Weekly* reports that as a part of the program a bronze memorial tablet, provided by the society, will be unveiled on the campus near Sibley College on a commemorative bench and pedestal which the university will erect.

The program at Ithaca will be sponsored jointly by the Society of Sigma Xi and the American Association for the Advancement of Science, the summer meeting of which will convene in Rochester that week. Dr. Max Mason, retired president of the Rockefeller Foundation, will make the principal address at the commemorative exercises. Other speakers will be Dr. Karl T. Compton, president of the Massachusetts Institute of Technology; Dr. Willis R. Whitney, of the General Electric Company, and Dr. Frank R. Lillie, of the University of Chicago, chairman of the National Research Council and president of the National Academy of Sciences.

Two semi-centennial research prizes of \$1,000 each will be awarded by the society, one to a worker in the physical sciences and one to a worker in the biological sciences.

Sigma Xi was founded at Cornell University in the fall of 1886 through the efforts of Frank Van Vleck, then assistant to the director of Sibley College and instructor in charge of the mechanics laboratory, and William A. Day, '86, who had conceived the idea of a "scientific Phi Beta Kappa" the spring before. At about the same time, Professor Henry Shaler Williams, of the department of geology, had organized a society of fourteen students with much the same purposes, and he prevailed upon Drs. Van Vleck and Day to broaden somewhat their original idea and became the first president.

Professor Floyd K. Richtmyer, '04, is chairman of the local committee on arrangements.

### MEETING OF THE SOUTHWESTERN DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE sixteenth annual meeting of the Southwestern Division of the American Association for the Advancement of Science will be held at Flagstaff and the Grand Canyon, Arizona, from Monday to Thursday, April 27, 28, 29 and 30. The meeting is under the auspices

of the Arizona State Teachers College, the Lowell Observatory, the Museum of Northern Arizona, the United States National Park Service and the Grand Canyon National Park. With the branch will meet the Third Annual Tree Ring Conference (*chairman*, A. E. Douglass, Tucson) the Society of American Foresters, Southwestern Section (*chairman*, G. A. Pearson, Tucson) and the Southwestern Conservation League (*president*, C. M. Botts, Albuquerque).

Meetings of the Southwestern Division will this year be divided between Flagstaff and the Grand Canyon. Flagstaff is situated on main transect highway and railroad lines, high in a heavily forested section of the state. The Grand Canyon is but a brief automobile or train ride from Flagstaff.

The presentation of scientific papers under the several sections of the division is invited, and for participation neither membership in the association nor residence within the boundaries of the division is required. Officers directly in charge of the meetings of the sections are as follows:

#### Biological Sciences:

*Chairman*, J. R. Eyer, State College, New Mexico.

*Secretary*, R. H. Canfield, Alamogordo, New Mexico.

#### Mathematics:

*Chairman*, F. W. Sparks, Lubbock, Texas.

*Secretary*, W. C. Risselman, Flagstaff, Arizona.

#### Physical Sciences:

*Chairman*, S. B. Talmage, Socorro, New Mexico.

*Secretary*, W. M. Craig, Lubbock, Texas.

#### Social Sciences:

*Chairman*, E. W. Haury, Globe, Arizona.

*Secretary*, J. H. Provinse, Tucson, Arizona.

The following program has been arranged:

#### MONDAY, APRIL 27, FLAGSTAFF

*Morning*: Registration and General Session.

*Afternoon*: Section Meetings, 1:30 to 3:30 P. M.

Inspection of new home of the Museum of Northern Arizona and a tea given by Dr. and Mrs. Harold S. Colton.

*Evening*: Dinner, under auspices of Flagstaff Sigma Xi Society.

Visit to Lowell Observatory.

#### TUESDAY, APRIL 28, FLAGSTAFF

*Morning*: Section Meetings.

*Afternoon*: Section Meetings.

Short excursions to Sunset Crater (geological); to Winona (archeological), and to Oak Creek Canyon (general interest).

*Evening*: Annual Dinner of the Division, Presidential Address by Dr. H. S. Colton.

#### WEDNESDAY, APRIL 29, FLAGSTAFF AND GRAND CANYON

*Morning*: Section Meetings.

*Afternoon*: Business Meeting.

Drive to Grand Canyon.

*Evening:* Dinner at El Tover Hotel.  
Powell Lecture by Dr. J. C. Merriam.

THURSDAY, APRIL 30, EXCURSIONS AT  
THE GRAND CANYON

*Morning:* Visit to Yavapai Point Observation Station followed by drive along Hermit Rim Road (Trip "B"). Visit to Yavapai Point Observation Station followed by all day trip down Kaibab Trail to the Colorado River (Trip "D").

*Afternoon:* Visit Grandview and Moran Point, and Wayside Museum of Archeology (Trip "C").  
*Evening:* Lecture and entertainment.

The officers of the Southwestern Division are: *President*, H. S. Colton, Museum of Northern Arizona, Flagstaff; *Vice-president*, Jesse Nusbaum, Mesa Verde National Park; *Secretary*, V. C. Kiech, University of New Mexico, Albuquerque.

## SCIENTIFIC NOTES AND NEWS

DR. CHARLES L. REESE, formerly director of the E. I. du Pont de Nemours and Company, on the occasion of the fiftieth anniversary of receiving the doctorate of philosophy from Heidelberg University, received the following letter from Dean A. Seyboldt: "Fifty years have passed on the twenty-sixth of February since you were promoted in Heidelberg to doctor of philosophy. Robert Bunsen was your teacher together with Hermann Kopp and August Beruthsen. We know you have retained a friendly remembrance of your teachers as well as of Heidelberg and of the country whose guest you were at that time. The university, which will celebrate the five hundred and fiftieth year of its existence shortly, is thinking to-day of its pupil. You have contributed in a measurable manner to the building of the chemical industry of your country. The two largest scientific associations of your branch have chosen you as president. The University of Heidelberg and especially the faculty of natural science and mathematics congratulate you on the great success of your life and hopes you will continue to have good years. With the same mail, I am sending you a renewal diploma of doctor of natural science."

DR. GEORGE GRANT MACCURDY, of Yale University, and director of the American School of Prehistoric Research, has been elected to honorary membership in the British Speleological Association. Dr. MacCurdy has also been delegated to represent the Southwest Museum, Los Angeles, Calif., at the International Congress of Prehistoric and Protohistoric Sciences to be held in Oslo, Norway, during the month of August.

DR. OLIVER R. WULF, of the Bureau of Chemistry and Soils of the U. S. Department of Agriculture, is the recipient of the Hillebrand award "for outstanding research." The award is made by the Washington section of the American Chemical Society, in recognition of his work on the origin of ozone in the upper atmosphere.

LIEUTENANT LEONARD CHARLES HILL, the master of the *R.R.S. Discovery II*, has been appointed an Officer of the Civil Division of the Order of the British Em-

pire for his services in connection with the search in the Antarctic for Lincoln Ellsworth and Herbert Hollick-Kenyon.

PROFESSOR LUDWIG ASCHOFF, professor of pathologic anatomy in the University of Freiburg in Breisgau, celebrated his seventieth birthday on January 10.

A FLORIDA ACADEMY OF SCIENCE has been founded by members of the University of Florida, the Florida State College for Women and the University of Miami. A charter was applied for and granted in February. The officers are: *President*, Dr. Herman Kurz, botany, Florida State College for Women; *Vice-president*, Dr. Robert C. Williamson, physics, University of Florida; *Secretary*, Dr. J. H. Kusner, mathematics, University of Florida; *Treasurer*, Dr. J. F. W. Pearson, zoology, University of Miami.

DR. HANS ZINSSER, professor of bacteriology and immunology at the Harvard Medical School since 1923, has been appointed Charles Wilder professor of bacteriology and immunology. He succeeds Professor Milton J. Rosenau.

DR. ARTHUR MICHAEL, who has been professor of organic chemistry at Harvard University since 1912, has resigned and has been appointed professor emeritus.

PROFESSOR GEORGE P. BACON, since 1929 dean of the engineering school of Tufts College, has resigned. He was previously for ten years head of the department of physics.

DR. HENRY JOHNSON LONG has recently been named president of Greenville College, Greenville, Ill., succeeding Dr. Leslie Ray Marston, who resigned to become bishop of the Free Methodist Church of North America. Dr. Long, a native of Oklahoma, has been professor of chemistry at Greenville since 1927 and prior to that was professor of chemistry at Central College, Kans., and assistant instructor in chemistry at the University of Kansas.

DR. C. O. EDDY, associate entomologist of the Ken-