

students to associate membership. It is believed that election to membership and resultant association with active research workers will have a stimulating effect upon the students.

The activities of the local research council are patterned after those of the National Research Council and consist in holding open meetings at which the results of original investigations are presented and in holding business meetings to devise ways and means of stimulating research at the college. The results of the first year's activity are very encouraging.

The policy of the Sigma Xi has been to refuse the granting of chapters to state colleges. The need of an organization serving the same purposes as the Sigma Xi is keenly felt by Sigma Xi members serving on state college faculties. The Research Council of the State College of Washington serves the same function as a chapter of the Sigma Xi. The membership requirements are the same and the activities broader and believed to be more effective in stimulating research.

It is believed that the organization of similar groups at other state colleges should be encouraged. A copy of the Constitution of the local group can be obtained by writing to the undersigned.

VICTOR BURKE

COLLEGE STATION,
PULLMAN, WASHINGTON

THE SOCIAL AND ECONOMIC SCIENCES AT CINCINNATI

THE program of Section K, American Association for the Advancement of Science, for the Cincinnati Meeting, from December 27 to January 2, will chiefly concern itself with matters illustrating social and economic progress since the war. The following is a tentative announcement of the program, which will probably be somewhat enlarged before adopted in final form:

Morning Session, December 27

A plea for business strategy in national and international policy: DR. JOHN FRANKLIN CROWELL.

Development of transportation by air: PROFESSOR EDWARD P. MAURER.

Potash resources in the Panhandle of Texas: CHARLES M. DABNEY.

Afternoon Session, December 27

A declaration of principles in labor relations: RICHARD F. GRANT, president of the Cleveland Chamber of Commerce.

Labor relations in printing industry: FRANCIS H. BIRD.

Progress in business integrity: RUDOLPH M. BINDER.

Progress in the development of man power since the war: HUGO DIEMER.

Morning Session, December 28

Group insurance: WM. J. GRAHAM.

Share of insurance in the prosperity of the country since the war: JAMES E. ELSTON.

Progress in life insurance: GENEVIEVE M. CARR.

Progress and science of community fellowship: CHARLES H. PENNOYER.

Afternoon Session, December 28

Railways under the transportation act: H. T. NEWCOMB.

Economic aspects of the forestry situation in Canada: DR. C. D. HOWE.

The development of the nation's hidden vital resources: PROFESSOR HENRY P. SHEARMAN.

Economic problems in the home: LOUISE STANLEY.

Morning Session, December 29

Progress in methods of inquiry and research in the social and economic sciences: PROFESSOR F. STUART CHAPIN.

The economic value of scenic national parks and historical sites: DR. GEO. F. KUNZ.

World commerce as a scientific discipline: DR. JOHN FRANKLIN CROWELL.

The increased use of metric weights and measures: HOWARD RICHARDS.

Will profit sharing bring management sharing? DR. JOSEPH MAYER.

Germany's economic reconstruction: DR. FREDERICK L. HOFFMAN.

F. L. HOFFMAN,
Secretary

AMERICAN ORNITHOLOGISTS' UNION

THE forty-first stated meeting of the American Ornithologists' Union will convene in Cambridge, Mass., from October 9 to 11.

The public meetings will be held in the lecture hall of the Museum of Comparative Zoology, from 9.30 A. M. until 4.30 P. M. each day.

On Tuesday evening, October 9, at 8 o'clock, the members and their guests are cordially invited to meet at the Boston Society of Natural History, 234 Berkeley St., corner Boylston St., Boston, for a social evening with an illustrated lecture of general interest.

On Wednesday evening, October 10, the annual dinner will be held.

On Friday, October 12, there will be the following field trips: (1) To Cohasset, south of Boston, where there will be opportunity to visit several bird-banding stations and to observe the offshore migration of Scoters; (2) To Plum Island, north of Boston, an area of salt-marsh, sand-dunes and beach especially favorable for migrating birds of many kinds at this time of year.

The headquarters of the union will be at the Cop-

ley Square Hotel, Huntington Avenue and Exeter St., Boston.

Members expecting to be present are requested to notify the chairman of the committee, George C. Deane, 80 Sparks St., Cambridge, in advance of the meeting in order to facilitate final arrangements.

SCIENTIFIC NOTES AND NEWS

MAJOR GENERAL SIR DAVID BRUCE, distinguished for his work on tropical diseases, has been elected president of the British Association for the Advancement of Science for the Toronto meeting.

THE honorary degree of doctor of science was conferred by the University of Liverpool during the recent meeting of the British Association on Sir Ernest Rutherford, president; Dr. Ernest Howard Griffiths, general treasurer; Professor Niels Bohr, professor of physics, University of Copenhagen; Professor G. N. Lewis, professor of chemistry, University of California; Professor G. Elliot Smith, professor of anatomy, University of London; Dr. Johs. Schmidt, director, Carlsberg Laboratory, Copenhagen, and Professor J. C. McLennan, professor of physics, University of Toronto.

IN honor of the completion of forty years of service by Dr. Edgar Henry Summerfield Bailey as professor of chemistry at the University of Kansas, a celebration on September 21 was arranged by the university, the Kansas Academy of Science and the Kansas Section of the American Chemical Society. In addition to a dinner in the evening there were in the afternoon addresses by two of Dr. Bailey's former students—Dr. E. C. Franklin, of Stanford University, president of the American Chemical Society, and Professor E. V. McCollum, of the Johns Hopkins University.

DR. HERMANN THOMS, director of the Pharmaceutical Institute of the University of Berlin, has passed through the United States on his way to Japan where he will give lectures as the guest of his former Japanese students. Dr. Thoms has been elected an honorary member to the American Pharmaceutical Association.

DR. BOHUSLAV BRAUNER, professor of chemistry in the Bohemian University, Prague, has been elected an honorary foreign member of the French Chemical Society.

PROFESSOR RICCARDO VERSARI, director of the institute of anatomy of the University of Rome, has received the gold medal of the Italian Society of Sciences for a recent work on embryology of the human eye.

H. S. JONES, formerly chief assistant in the Royal

Observatory, Greenwich, has been appointed H. M. astronomer at the Cape Observatory to succeed the late Mr. Hough.

DR. G. F. FREEMAN, chief of the division of plant breeding of the Texas Agricultural Experiment Station, has accepted an appointment as director of the recently created Technical Service in the Haitian Department of Agriculture, beginning his work on September 1.

DR. E. G. NOURSE, head of the department of agricultural economics at the Iowa State College, has accepted a position as dean of the Institute of Economics at Washington, D. C. C. L. Benner, assistant professor of agricultural economics, has also accepted an appointment with the same institution.

CARL GEISTER, of the chemistry section of the Iowa Engineering Experiment Station, has been appointed to a fellowship at the Mellon Institute. The fellowship is one which the Vitrified Tile Floor Association has established at Mellon.

J. C. EVANS, chemical engineer, formerly with the National Bureau of Standards, is now in charge of the cement used in the Wilson Dam at Muscle Shoals, Ala.

GEORGE A. STETSON has resigned his position as assistant professor of mechanical engineering at Yale University and is now engaged in the coal business in Boston.

CALVERT TOWNLEY has been appointed representative of the Federated American Engineering Society and the American Institute of Electrical Engineers on the American committee of the world power conference to be held in London in 1924 in connection with the British Empire Exposition.

DEAN HENRY S. GRAVES, of the School of Forestry of Yale University, has been appointed a permanent member of the New Haven Department of Public Parks.

PRESIDENT A. F. WOODS, of the University of Maryland, acted as official representative of the American Association for the Advancement of Science at the World's Dairy Congress, held in Washington, D. C., on October 2 and 3.

DR. STEPHEN A. DOUGLASS, head of the tuberculosis branch of the National Military Home Hospital, Dayton, Ohio, has been offered the clinical directorship of the Millbank Memorial Fund, which was established to conduct clinics in various localities in an effort to lower the death rate in the United States. Clinic centers will be established in Cattaraugus County, N. Y., in Syracuse, N. Y., and the Bronx, New York. Between \$300,000 and \$400,000 will be