

the instrument itself and secondarily from the unfamiliar nature of the minute structures under study.

The National Research Council's Committee on Applications of the Electron Microscope, in order to help clarify these problems, hereby offers the services of its members as referees on articles on electron microscopy. The members of the committee are:

Stuart Mudd, *chairman*, department of bacteriology, University of Pennsylvania.

R. B. Barnes, American Cyanamid Company, Stamford, Connecticut.

M. Demeree, Station for Experimental Evolution, Carnegie Institution of Washington, Cold Spring Harbor, Long Island, N. Y.

Henry Eyring, department of physical chemistry, Princeton University.

Robert F. Griggs, department of botany, George Washington University.

Caryl P. Haskins, Haskins Laboratories, 480 Lexington Avenue, New York, N. Y.

Michael Heidelberger, department of biochemistry, Columbia University.

Lloyd Jones, Eastman Kodak Company, Rochester, N. Y.

C. W. Metz, department of zoology, University of Pennsylvania.

Katherine Polevitsky, Dental School, University of Pennsylvania.

Thomas M. Rivers, Rockefeller Institute for Medical Research, New York, N. Y.

Gordon H. Scott, School of Medicine, Washington University.

W. M. Stanley, Rockefeller Institute for Medical Research, Princeton, N. J.

Francis O. Schmitt, department of biophysics, Massachusetts Institute of Technology.

V. K. Zworykin, Research Laboratories, RCA Manufacturing Company, Incorporated, Camden, N. J.

T. F. Anderson, *secretary*, Research Laboratories, RCA Manufacturing Company, Incorporated, Camden, N. J.

Editors who care to avail themselves of this offer may send manuscripts to the secretary of the committee, Dr. T. F. Anderson, for reference to an appropriate referee from among the committee's membership.

#### THE UTAH CHAPTER OF THE SOCIETY OF SIGMA XI

THE Utah State Chapter of the Society of the Sigma Xi, the eighty-second chapter to be established in the society, was installed at the Utah State Agricultural College at Logan on March 14 by Dean Edward Ellery, member of the executive council of the society. The new chapter has fifty-five charter members who are alumni of eighteen other chapters.

At a convocation held in the morning in the college auditorium, Dr. Elmer George Peterson, president of the college, addressed the delegates and members

on the subject, "The Place of Research on the Utah State Agricultural College Campus," and Dean Ellery spoke on "Sigma Xi, its Past in Peace, its Present in War."

After the formal installation exercises in the afternoon, a reception honoring the members of the new chapter was given by the faculty association in the reception room of the Commons building. A formal dinner in the evening, presided over by Dr. Sherwin Maeser, president of the new chapter, was followed by the club and chapter's fourth annual Sigma Xi lecture, "The Structure of Liquids," by Dr. John J. Kirkwood, of Cornell University.

Other new officers in the club are: Dr. R. J. Evans, *Vice-president*; Dr. J. Stewart Williams, *Secretary*; Dr. Dean F. McAlister, *Treasurer*, and Dr. Marion T. Bird, *Member of the Council*.

#### THE SOUTHWESTERN DIVISION

THE twenty-second annual meeting of the Southwestern Division of the American Association for the Advancement of Science will be held under the presidency of Dr. W. M. Craig, of Texas Technological College at Lubbock, at the New Mexico State College of Agriculture and Mechanic Arts at Las Cruces from April 27 to 30. Dr. H. P. Mera, of the Laboratory of Anthropology, Santa Fe, is vice-president of the division and Dr. Frank E. E. Germann, of the University of Colorado, is secretary.

The division meets in four sections—the Biological Sciences, Mathematics, the Physical Sciences and the Social Sciences. Meeting in association with the division will be: The Clearing House for Southwestern Museums, *chairman*, F. H. Douglas, Denver; the Mathematical Association of America, *chairman*, Roy MacKay, State College; the American Association of University Professors, *chairman*, G. L. Guthrie, State College; the State College Biological Society, *chairman*, P. J. Radosevich.

According to the tentative program, in addition to the section meetings on April 28 and 29 there will be on Monday, April 27, a reception for members and guests by Dean and Mrs. J. W. Brannon, and the dinner of the American Association of University Professors in the evening. The following evening will be devoted to the thirteenth John Wesley Powell Lecture. The annual banquet of the division will be given on the evening of the 29th when Dr. Craig will deliver his address as retiring president. He will speak on "The Rôle of Spectrography in National Défense."

Field trips will be arranged to meet the interests of members. Old Mesilla and the ruins of Forts Selden and Fillmore are places of historical interest. The Sunken Mesas, Lava Flows and the White Sands National Monument are features of concern to both

geology and biology. The Conkling Cave, Jornada Experimental Range and the industrial and other interests of El Paso and Juarez, Mexico, may be visited within a few hours. The Carlsbad Cavern trip requires an entire day.

The Mesilla Valley offers an environment rich in anthropological remains and historical landmarks. The White Sands National Monument contains 274 square miles of dazzling white gypsum sands and a lake of unusual setting and beauty. Conklin's Cave in Bishop's Cap of the Organ Mountains was used for years by Indians and Mexicans for shelter. The village of "La Mesilla," two miles southwest of Las Cruces, was settled by Mexican colonists in 1854. Excursions are planned to these points as well as to the Jornada Experimental Range, which embraces experimental projects of the U. S. Forest Service and the New Mexico Agricultural Experiment Station.

#### MEETING OF THE EXECUTIVE COMMITTEE OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE executive committee met in New York on March 15. The following members were present: Drs. Livingston, *chairman*; Caldwell, Cannon, Cattell, Compton, Long, Moulton and Wrather.

Among items of business of interest to scientific men transacted by the committee are the following:

The president of the University of Michigan having withdrawn the invitation to the association to meet at Ann Arbor in June, owing to war conditions and a change in the schedule of sessions at the university, it was voted to cancel the Ann Arbor meeting.

A committee of three, consisting of Drs. Long, *chairman*, Livingston and Moulton was appointed to have charge of making arrangements for a local committee for the New York meeting at the end of the present year.

On nomination of the Section Committee of the Section

on Chemistry, Dr. Hugh S. Taylor (M28, F28), Princeton University, was elected vice-president of the Section on Chemistry for 1942 in the place of Dr. Joel H. Hildebrand. Dr. Wade W. Oliver (M11, F27), Long Island College of Medicine, Brooklyn, N. Y., was elected vice-president of the Section on Medical Sciences for 1942, in the place of Dr. H. S. Gasser. On recommendation of the Executive Committee of the Section on Agriculture, Dr. W. A. Albrecht (M18, F24), University of Missouri, was elected secretary of the Section on Agriculture to fill the unexpired term of Dr. M. F. Morgan, resigned to serve as an officer in the U. S. Infantry. Dr. Sydney S. Negus was reappointed director of the Press Service for the New York meeting.

The status of the American Society of Plant Taxonomists was changed from an associated society to an affiliated society. The Washington Academy of Science was affiliated on the same basis as state academies.

The Permanent Secretary reported the approval of the Executive Committee by mail ballot of the publication of the Symposium on Relapsing Fever, organized and presented by the Section on Medical Sciences at the Dallas meeting.

On a request from the editors of "American Men of Science," the Executive Committee authorized the president (Dr. Compton) to appoint a committee, of which he will serve as chairman, to advise the editors regarding the subdivisions of science for classifying entries, the advisability of continuing the stars, and, if they are to be continued, the method of selecting them. The committee was requested to deliver its recommendations direct to the editors.

By a majority of 7 to 1, the Executive Committee authorized and directed the Office of the Permanent Secretary to publish and have mailed to all members of the association about the middle of each month an eight-page bulletin of the same general format as the journal SCIENCE.

It was voted to hold the next meeting of the Executive Committee in New York City at 10:00 A.M. on Sunday, October 18, unless in the interim an emergency requires that a meeting be held earlier.

## SCIENTIFIC NOTES AND NEWS

THE twenty-fifth anniversary as dean of Columbia College of Dr. Herbert E. Hawkes, professor of mathematics, will be celebrated by alumni, faculty and undergraduates at a dinner to be given in his honor on April 16.

J. B. DAVIDSON, head of agricultural engineering at Iowa State College, has been elected a foreign member of the Royal Swedish Academy of Agriculture.

THE Jackson-Gwilt Medal and Gift of the British Royal Astronomical Society has been awarded to Dr. R. L. Waterfield "for his general contributions to astronomy, and in particular for his photographic work on eclipses and comets and his visual observa-

tions of planets." The medal will be presented to him on April 10 at the annual general meeting.

*Nature* reports that the Royal Society of Arts has awarded the annual Thomas Gray Memorial Trust Prize for an invention advancing the science or practice of navigation to T. E. Metcalfe, of Windsor, for a seaman's protective suit devised by him.

THE University of London has conferred the degree of doctor of science on Dr. G. W. Scott Blair, National Institute for Research in Dairying; Dr. A. H. Cook, Imperial College of Science and Technology; C. L. Hewett, Royal Cancer Hospital (Free) and the Sir John Cass Technical Institute; Alexander King, Im-