

in the State of Utah, 1945 and 1946 to be spent in western Nevada and eastern Oregon and Washington, and 1947 to be devoted to a final round-up of the entire intermountain area.

The two institutions are to share equally in all collections, and while the writing of the proposed floras becomes jointly the responsibility of both, the publication of the Manual for Utah is to be largely the responsibility of the Utah State Agricultural College, while the publication of the Flora of the Intermountain Region is to be mainly the responsibility of the New York Botanical Garden. This region, which has never been adequately or completely treated floristically, is the only major physiographic area of the country that has not heretofore come under the influence of the Botanical Garden, and it is the region perhaps least known botanically.

#### A VISITING PROFESSOR TO CHINA

DR. GEORGE B. CRESSEY, as already reported in *SCIENCE*, has been appointed a visiting professor in China by the Department of State, and concurrently will serve as representative in China of the National Academy of Sciences. He is leaving for Chungking this month and will return to the United States next summer.

The appointment is a part of the program of the department of cultural relations, and is designed to strengthen the ties between the United States and China. Professor Cressey will visit and lecture at various Chinese universities and research centers in order to bring the greetings of American scientists to their Chinese colleagues. Most Chinese universities have been obliged to take refuge in the interior and are seriously in need of contact with the outside world. Although it is impossible to send books and apparatus, the Department of State has arranged to forward

microfilm copies of professional publications from the United States.

Professor Cressey has been chairman of the department of geology and geography at Syracuse University since 1931, and is on leave for this assignment. Prior to 1931 he taught at the University of Shanghai. He is the author of "China's Geographic Foundations" and a new volume entitled "Asia's Lands and Peoples." Professor Cressey is also chairman of the Committee on Asiatic Geography of the National Research Council, and is one of the recognized authorities in his field. He served as consultant to the Chinese Government in 1934 and to the Soviet Government in 1937.

#### THE AUTUMN MEETING OF THE AMERICAN PHILOSOPHICAL SOCIETY

THE autumn general meeting of the American Philosophical Society will be held on November 19 and 20, beginning at 10 A.M. on Friday, November 19. For guests invited by the society and for members from a distance the society will, as usual, meet the regular hotel charges for rooms during the period of the meeting and for such meals as are not otherwise provided for by the society. Those desiring such accommodations should notify the society as soon as possible.

On Friday morning, November 19, there will be papers chiefly by recipients of grants from the research funds. The afternoon and Saturday morning sessions will be devoted to a "Symposium on the Organization, Direction and Support of Research." On Friday evening, President James B. Conant, of Harvard University, will speak on "The Advancement of Learning in the United States in the Post-War World." This will be followed by a reception. Before the open session on Saturday morning, there will be an executive session of the members of the society.

L. P. EISENHART,  
*Executive Officer*

### SCIENTIFIC NOTES AND NEWS

THE Manly Memorial Medal of the Society of Automotive Engineers was presented at the Los Angeles meeting to John Dolza and Harry C. Karcher, of the Allison Division, Indianapolis, of the General Motors Company, in recognition of their work on "Correlation of Ground and Altitude Performance of Oil Systems." The award was established in 1928 to honor Charles M. Manly, designer of the forerunner of modern radial airplane engines.

DR. EDWIN B. HART, professor of agricultural chemistry at the University of Wisconsin, was a special guest and the main speaker at a dinner given by the division of agricultural and food chemistry of the American Chemical Society in connection with the one hundred and sixth annual meeting, which was held at Pittsburgh from September 6 to 10.

DR. ROBERT M. GATES, president of the Air Preheater Corporation, New York, has been elected president of the American Society of Mechanical Engineers. He succeeds Harold W. Coes, of New York. The joint meeting with the Engineering Institute of Canada opened at Toronto for three days on September 30.

EDMUND L. DUNN, of Boston, president of the New England Fish Exchange, was elected president of the Atlantic States Marine Fisheries Commission at the annual meeting recently held at Philadelphia.

THE Western Reserve University Chapter of the Society of Sigma Xi has elected the following officers for 1943: J. C. Gray, *President*; Normand L. Hoerr, *Vice-president*; R. F. Hanzal, *Treasurer*, and Helen A. Hunscher, *Secretary*.

THE election of Dr. Gardner Murphy, chairman of the department of psychology of the College of the City of New York, as president of the American Psychological Association was announced on September 2 at the fifty-first annual meeting of the society at Evanston, Ill. Lieutenant-Commander C. M. Louttit, of the Navy Department, and Professor Donald Marquis, of Yale University, were added to the council of directors. Professor Willard C. Olson, of the University of Michigan, was re-elected secretary for a three-year period, and Professor Willard L. Valentine, of Northwestern University, was continued as treasurer and business-manager of publications. Financial support again was voted for the Office of Psychological Personnel at Washington, D. C. It was decided that recommendations on the reorganization of psychology from the Intersociety Constitutional Convention should be referred to members for a mail ballot.

COLONEL ALBERT S. DABNEY, M. C., U. S. Army, who will retire on November 30 as assistant commandant of the Medical Field Service School at Carlisle Barracks, Pa., has been appointed assistant dean of the School of Medicine of the University of Pittsburgh. The *Journal* of the American Medical Association states that Colonel Guy B. Denit, M. C., U. S. Army, who recently returned from a six-months tour of duty as chief surgeon of a base section in the African theater of operations, will temporarily replace Colonel Dabney as assistant commandant at the Medical Field Service School. A ceremonial retreat parade was held on August 31 in honor of Colonel Dabney, and Brigadier General Addison D. Davis, commanding general of Carlisle Barracks, commended him for his loyal and efficient services. A veteran of two world wars and a medical officer for twenty-seven years, Colonel Dabney had been at Carlisle Barracks since June 27, 1939, first as director of the medical department equipment laboratory and since January 10, 1942, as assistant commandant. Prior to this, he had been executive officer in the Surgeon General's Office at Washington, D. C.

DR. WILLIAM O. HOTCHKISS, president of the Rensselaer Polytechnic Institute, retired on October 1 with the title emeritus. Dr. Matthew A. Hunter, professor and head of the department of metallurgical engineering, has been made dean of the faculty, and Dr. Ray Palmer Baker, assistant director of the institute, has become dean of students.

DR. LOUIS S. GOODMAN, assistant professor of pharmacology at the Yale University School of Medicine, has been appointed professor of pharmacology and physiology and chairman of the department of the College of Medicine of the University of Vermont.

DR. HARRY C. SOLOMON, clinical professor of psychiatry, has been appointed professor of psychiatry at the Harvard Medical School and medical director of the Boston Psychopathic Hospital, succeeding the late Dr. C. Macfie Campbell. Dr. Solomon graduated at Harvard in 1914 and has been a member of the faculty since 1915.

ROBERT L. CUSHING, of the department of agronomy of the University of Nebraska, who has also been associated with the Bureau of Plant Industry and has had charge of the grain sorghum investigations for the Nebraska region, has been appointed assistant professor of plant breeding at Cornell University.

DR. HOWARD REYNOLDS, of the University of Arkansas, has been named assistant professor of bacteriology at Iowa State College. In addition, he will be in charge of research on food bacteriology for the Iowa Agricultural Experiment Station.

DR. JAY MCLEAN, of the Memorial Hospital for Cancer, New York City, has been appointed associate professor of surgical research at the Ohio State University, where he will continue his work on heparin.

DR. CHARLES E. CLARK, professor at the Bradley Polytechnic Institute, has been named associate professor of mathematics at Emory University.

A. W. LING, chief agricultural advisory officer of the University of Bristol, England, has been appointed principal of Seale-Hayne Agricultural College, Newton Abbot.

DR. LESTER KRAMPITZ, of the Rockefeller Institute for Medical Research, has been appointed a research associate at Iowa State College. He will take charge of a study of penicillin to be carried out by the Industrial Science Research Institute.

DR. J. OSBORN FULLER has been appointed assistant professor of geology at West Virginia University, not, as incorrectly reported in a recent issue of *SCIENCE*, at the University of Virginia.

DR. ALBERT L. ELDER, associate professor of chemistry at Syracuse University, now head consultant to the Chemical Divisions of the War Production Board, has been named special assistant in coordinating penicillin production to Fred J. Stock, chief of the section of drugs.

DR. ARISTID V. GROSSE has been released from the Rubber Director's Office of the War Production Board to become director of research for the Houdry Laboratories of the Catalytic Development Corporation at Marcus Hook, Pa. Dr. Edward R. Gilliland, of the War Production Board, has been appointed an assistant rubber director in charge of research and development.

DR. KENNETH MORGAREIDGE has been appointed head of the Biological Assay Laboratories of the National Oil Products Company. Dr. John R. Foy has been made assistant head of the same laboratories.

DR. MARSHALL C. HECK, since 1941 assistant professor of animal husbandry at the Massachusetts State College, has resigned to become meat specialist for the National Livestock and Meat Board.

DR. CHARLES W. RIPPPIE, formerly associated with the Shell Oil Company and Monsanto Chemical Company, has been appointed supervisor of the technical service at Painesville, Ohio, of the Diamond Alkali Company, Pittsburgh.

DR. WILBERT M. CHAPMAN, curator of the department of ichthyology of the California Academy of Sciences, has leave of absence to enable him to serve as senior fisheries specialist for the Office of Economic Warfare.

DR. ALEXANDER G. RUTHVEN, president of the University of Michigan, has been invited by the British Government to spend several weeks in England to make a study of war and post-war education. The project is concerned chiefly with the development of a program of adult education for Great Britain with emphasis on returning soldiers.

THE botanical and geological expedition to the Alaska Military Highway (see *SCIENCE*, 97: 574, 1943), led by Dr. Hugh M. Raup, of the Arnold Arboretum, returned to Boston on September 17. Leaving Dawson Creek on June 8, the party traversed the highway from Dawson Creek to Whitehorse and return. Notes and botanical collections representing approximately 2,500 field numbers were made, principally in four areas, with miscellaneous material from many other points along the road.

PROFESSORS L. R. LAUDON and H. T. U. Smith, of the department of geology of the University of Kansas, spent the summer in the Northwest Territories of Canada, serving as field geologist and aero-geologist, respectively, on the Canol project of Imperial Oil, Ltd.

DR. H. P. FROES, director of the School of Tropical Medicine of the University of Bahia, Brazil, recently spoke before meetings of students and members of the profession at Baylor Medical School, Houston, and the Medical School of the University of Texas, Galveston. Dr. Froes described the broad sanitary measures being undertaken in Brazil to reduce the menace of the spread of tropical diseases, particularly through increased airplane traffic.

THE American Physical Society will meet at Northwestern University on November 12 and 13. For this meeting a symposium on the physics of rubber

and other high polymers is planned. It is expected that Drs. P. Debye, J. H. Dillon, P. H. Emmett, S. D. Gehman, H. M. James, H. Mark, M. Mooney, H. Sack, W. B. Wiegand and L. A. Wood will be among those represented on the program. There will also be the usual sessions for contributed papers, of which announcement will be sent to members of the society about October 25.

THE forty-sixth annual meeting of the American Ceramic Society, Inc., will be held at the Hotel William Penn, Pittsburgh, Pa., from April 2 to 5, 1944. Technical programs and information on post-war ceramic industrial welfare essentials are planned.

COLUMBIA UNIVERSITY opened its one hundred and ninetieth academic year on September 29. Due to the war many new courses are being offered. In the engineering department, fuel technology, synthetic plastics, chemical engineering research, communications electronics and manufacturing processes have been introduced. New language courses include elementary Russian and Japanese.

DR. EDWARD S. ROSS, assistant curator of the department of entomology of the California Academy of Sciences, San Francisco, now in the Sanitary Corps of the Army, and Lieutenant Radcliff Roberts, also of the Sanitary Corps, have published a "Mosquito Atlas of the World."

THE School of Medicine of the University of Texas announces the publication of *Texas Reports on Biology and Medicine*, a quarterly scientific periodical available without charge to the libraries of medical institutions throughout the world.

MEMBERS of the entomological department of the University of Texas plan an expedition to southern Mexico and the desert country near Monterrey with the object of adding to the university's collection of gnats and flies which is said to be the largest in the world. These insects are being used in research on genetics conducted at the university with the aid of a \$35,000 grant from the Rockefeller Foundation.

A SPECIAL correspondent from the French Frontier writes to *The Times*, London, as follows: "Since the outbreak of war the deaths in France have exceeded the births by nearly 500,000 and the net decrease in the population for 1942 alone is 93,625, according to the latest official statistical bulletin. The chief cause of the rapid shrinkage of the population is now tuberculosis aggravated by malnutrition, particularly an insufficiency of fats. A second contributory cause is the high infant death-rate, which has risen from 63 per 1,000 in 1939 to 91 in 1940, 75 in 1941 and 70 in 1942. That undernourishment is the basic cause is indicated by the fact that mortality from all causes is far greater in the larger towns than in the country.