

of the National Research Council, studying aviation medicine, sound control in vehicles, aircraft pilot selection and training and night vision. He is chairman of its Emergency Committee in Psychology. He is also chairman of the National Research Council Committee on Problems of Neurotic Behavior.

Robert M. Yerkes, professor of psychobiology, is expert consultant to the War Department and a member of the National Research Council's Emergency Committee in Psychology.

Carl I. Hovland, assistant professor, is co-author of the intelligence tests used by the Navy Air Corps in selecting candidates. He is unofficial adviser and consultant in aviation testing both in this country and in Canada. In addition, under the auspices of the War Production Board, Hovland is statistician and industrial psychologist for a group studying working arrangements in war industries. He has recently been appointed expert consultant to the Secretary of War.

THE AMERICAN SOCIETY OF NATURALISTS

At the recent Dallas meeting of the American Society of Naturalists, officers were elected as follows: Dr. Ralph E. Cleland, professor of biology and chairman of the department, Indiana University, *president*; Dr. L. C. Dunn, professor of zoology, Columbia

University, *vice-president* for the next year, and Dr. Malcolm R. Irwin, professor of genetics, College of Agriculture, University of Wisconsin, *treasurer* for three years. Dr. A. C. Kinsey, Indiana University, continues as secretary for a period of three years.

At the same meeting, the following persons were elected members of the society on account of outstanding achievement in biological research:

B. G. Anderson, Western Reserve; P. B. Armstrong, Syracuse, L. G. Barth, Columbia; F. A. Beach, American Museum of Natural History; Charles M. Breder, Jr., New York Aquarium and American Museum; J. W. Buchanan, Northwestern; W. Burrows, Chicago; D. P. Costello, North Carolina; J. N. Couch, North Carolina; P. S. Galtsoff, U. S. Bureau of Fisheries; V. Hamburger, Washington; A. Hollaender, U. S. Public Health Service; Clay G. Huff, Chicago; Libbie H. Hyman, American Museum of Natural History; George W. Kidder, Brown; L. H. Leonian, West Virginia; Howard S. Liddell, Cornell; N. E. McIndoo, U. S. Bureau of Entomology; Clarence P. Oliver, Minnesota; Roberts Rugh, New York; F. O. Schmitt, Washington; G. L. Stebbins, Jr., California; Ivon R. Taylor, Brown; H. B. Tukey, Cornell; B. W. Wells, North Carolina State College; E. T. Wherry, Pennsylvania; D. M. Whitaker, Stanford; Truman G. Yuncker, De Pauw.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM J. GIES, professor emeritus of biochemistry at Columbia University, was the recipient on his seventieth birthday on February 21 of congratulatory messages from dental organizations throughout the nation. Dr. Gies was the organizer of the International Association for Dental Research, founder of the *Journal of Dental Research*, director of the Carnegie Foundation Study of Dental Education in the United States and Canada and a leader in the organization of the American Association of Dental Schools.

A LIFE fellowship in the Thomas A. Edison Foundation for the Advancement of Science and Education has been conferred upon Dr. Robert Gordon Sproul, president of the University of California. The award is given to "only a few outstanding Americans in the fields of medicine, science, art and education, who have made some real contribution to human welfare."

THE 1942 Hillebrand Award of the Washington, D. C., Section of the American Chemical Society was presented to Dr. Michael X. Sullivan, director of the Chemo-Medical Research Institute of Georgetown University, in recognition of his work in measuring important chemical constituents in living organisms. The presentation ceremony was held on March 12 at the Cosmos Club, Washington, D. C.

THE three hundred and eleventh meeting of the

Washington Academy of Sciences was held on March 19 at the Cosmos Club. The meeting was devoted to the presentation by the academy of its awards for scientific achievement for 1941. These are: For the *Biological Sciences*, G. Arthur Cooper, U. S. National Museum, "in recognition of his distinguished service in invertebrate paleontology, notably for his discovery of anatomical structures hitherto unknown"; for the *Engineering Sciences*, Theodore R. Gilliland, National Bureau of Standards, "in recognition of his distinguished service in originating automatic ionosphere recordings of continuously variable radio frequencies"; for the *Physical Sciences*, Sterling B. Hendricks, U. S. Bureau of Plant Industry, "in recognition of his distinguished service in determining the constitution of micaceous and other complex minerals."

At the annual dinner in New York on March 13 of the Society of Automotive Engineers, the Wright Brothers Medal was awarded for last year's "outstanding contribution to aeronautical knowledge" to Samuel J. Loring, vibration engineer for the Vought-Sikorsky division of United Aircraft. Dr. J. C. Hunsaker, chairman of the National Advisory Committee for Aeronautics, presented the award to Mr. Loring, whose paper on high-speed flutter in aircraft was read before the society a year ago.

DR. H. DE FOREST was the guest of honor at a dinner given recently by the Botany Club and Phi Sigma, honorary biological fraternity, to celebrate his twenty years of service at the University of Southern California. He was presented with a radio set.

DR. JOHN HARVEY KELLOGG, since 1876 medical director and surgeon of the Battle Creek Sanitarium; founder and medical director of the Miami-Battle Creek Sanitarium; founder and president-emeritus of Battle Creek College, was the guest of honor on February 26 at a dinner given by the Battle Creek chamber of commerce and the county medical society. An inscribed scroll was presented to him.

At the Dallas meeting of the American Society of Zoologists the following officers were elected: *President*, L. L. Woodruff, Yale University; *Vice-president*, C. G. Hartman, University of Illinois; *Secretary*, L. V. Domm, University of Chicago; and *Treasurer*, H. W. Beams, State University of Iowa.

THE Columbia University Chapter of Sigma Xi has elected Dr. Victor K. LaMer, professor of chemistry, to succeed Dr. Selig Hecht as president of the society. Professor Jan Schilt, head of the department of astronomy, has been elected vice-president.

DR. DAVID BRUNT, professor of meteorology at the Imperial College of Science and Technology, London, has been elected president of the Royal Meteorological Society.

DR. PETER FRANDSEN, professor of zoology and bacteriology and head of the department of biology of the University of Nevada, for forty-one years a member of the faculty, will retire at the close of the academic year.

DR. LOUIS M. HEIL, research associate in science at the University of Chicago, has been made head of the department of physics at Cooper Union with the rank of full professor. He will succeed Professor Albert Ball, who retires on June 30 after thirty-seven years of service.

DR. OTTO LOEWI, Nobel laureate and research professor of pharmacology at New York University, will be at the University of Washington in Seattle for the spring quarter. He will conduct a series of weekly seminars on Tuesday evenings, beginning on April 28, on autonomic drugs, the sensitivity of denervated organs, the chemical determination of the nervous impulses and related topics. Four public lectures are also planned covering the general aspects of the chemical mediation of nervous activity, regulation of the organism and drug action and drug activity.

DR. H. C. SHERMAN, Mitchill professor of chemistry and head of the department at Columbia University, has been appointed vice-chairman of the Food and

Nutrition Board of the National Research Council and a member of its executive committee and of its standing committee on research.

DR. WALDO SHUMWAY, professor of zoology in the University of Illinois, has been called to field duty in the U. S. Army as a major of infantry. From 1917 to 1919 he served as a first lieutenant in the 103d Infantry, A. E. F.

PROFESSOR C. K. LEITH, of the University of Wisconsin, at present adviser to the Materials Division of the U. S. War Production Board, has been giving a series of ten lectures under the auspices of the division of geology and geography of Columbia University, entitled "Minerals in Peace and War."

DR. JAMES S. MCLESTER, professor of medicine at the School of Medicine of the University of Alabama and past president of the American Medical Association, will deliver the Hermann M. Biggs Memorial Lecture at the New York Academy of Medicine on April 2. He will speak on "Nutrition and the Nation at War."

DR. PAUL R. HEYL, of the National Bureau of Standards, spoke on March 14 before the Philosophical Society of Washington. His address was entitled "A New Determination of the Constant of Gravitation."

DR. H. A. BETHE, professor of physics at Cornell University, is delivering Sigma Xi lectures at the following institutions: Washington and Jefferson College, Swarthmore College, North Carolina State College, Brown University, Western Reserve University and the Illinois Institute of Technology.

DR. MARION HINES, associate professor of anatomy at the Johns Hopkins Medical School, gave the Howe Lecture of Ophthalmology on March 17 at the Harvard Medical School. The subject of the lecture was "Recent Contributions to the Localization of Vision within the Central Nervous System."

THE annual meeting of the Division of Anthropology and Psychology of the National Research Council will be held in Washington on Saturday, April 25.

THE Kentucky Academy of Science will hold its twenty-ninth annual meeting at the University of Kentucky on April 10 and 11, with divisional groups holding sectional meetings. These groups will include the Kentucky branch of the Society of American Bacteriologists; the divisions of biology, chemistry, mathematics, physics, psychology and philosophy, and the Kentucky Geological Society.

A CONFERENCE on "Color, Constitution and Reactions of Dyes" will be held at the American Museum of Natural History on March 27 and 28 by the Section

of Physics and Chemistry of the New York Academy of Sciences. There will be an informal subscription dinner on Friday evening.

THREE chapters of the Society of the Sigma Xi, the national honorary society for the promotion of research in science, are being installed during March. The Utah State Chapter was formally installed at the Utah State Agricultural College, Logan, on March 14. After a convocation in the morning and formal installation ceremonies in the afternoon, there was a dinner, followed by an address on "The Structure of Liquids," by Dr. John G. Kirkwood, professor of chemistry at Cornell University. A chapter at the Louisiana State University, at Baton Rouge, will be installed with appropriate ceremonies on March 24. At the Illinois Institute of Technology, Chicago, a new chapter will be installed on March 25, with Dr. Ross A. Gortner, professor of agricultural biochemistry at the University of Minnesota, and Dr. George A. Baitsell, of Yale University, national secretary, as the installing officers.

THE Committee on Scientific Research of the American Medical Association invites applications for grants in support of researches on problems more or less closely connected with clinical medicine and public health. For information address the committee at 535 N. Dearborn Street, Chicago, Ill.

A UNITED PRESS dispatch, dated from Chicago on February 15, states that the Council on Medical Education and Hospitals of the American Medical Association has dropped the Medical School of the University of Georgia from its list of approved schools. A resolution to this effect was adopted at a business meeting and was signed by the chairman of the council, Dr. Ray Lyman Wilbur, president of Stanford University. In sending copies of the resolution to the chancellor of the university and the dean of the medical school, it is pointed out that its action was "without prejudice to students now enrolled." It was said informally that the action of the council expressed the disapproval of the dismissal of several members of the faculty after Governor Eugene Talmadge accused them of advocating "race equality."

It is stated in *Museum News* that the committee on education and participation in science of the American Philosophical Society, Philadelphia, terminated its work on February 2. Plans of W. Stephen Thomas, executive secretary of the committee, to enter military service determined the committee's action in bringing the enterprise to a close. Mr. Thomas, who was formerly in charge of the educational department of the Academy of Natural Sciences of Philadelphia, had carried the burden of the enterprise from its be-

ginning in 1939. The committee, under the chairmanship of Dr. Edwin G. Conklin, executive vice-president of the American Philosophical Society, undertook a survey of adult education in science in the Philadelphia region and the promotion of participation of adults in discussion forums, laboratory courses, museum tours, field trips, research in science and other activities. The organization of the Philadelphia Council of Amateur Scientists was an outgrowth of the committee's work. The committee published a monthly circular of activities in science in the region.

THE second National Chemical Exposition sponsored by the Chicago Section of the American Chemical Society, will be held from November 17 to 22 at the Stevens Hotel in Chicago. It is reported that more than 60 per cent. of available exhibition space, double the area of the first exhibit held in December, 1940, is already under contract with leading firms throughout the country. Victor Conquest, director of research for Armour and Company, is chairman of the committee in charge of a National Industrial Chemical Conference to be held in conjunction with the exposition, the program for which is now being arranged. It will be addressed by leaders in the chemical industry. It is announced that many scientific societies are planning to hold their meetings in Chicago during the period of the exposition.

IN reply to a telegraphed request from the National Safety Council for cooperation in President Roosevelt's war against accidents, the American Standards Association has made public the following statement: "The American Standards Association, the national standardizing body in the United States, whose membership consists of leading industries, most of the departments and administrations of the Federal Government and the leading technical organizations of the country, including the National Safety Council, offers its complete cooperation in the effort of the council to comply with President Roosevelt's request that it lead a campaign against accidents of all kinds that are hampering the National Defense Program. The development of national safety standards prescribing methods of removing accident hazards and conducting processes in a safe manner is essential to any nation-wide accident prevention campaign and has long been a most important part of the American Standards Association national standardization program. The sixty standards already developed will enable the council to present recommendations to the groups contacted in the campaign. An Emergency Procedure for the development of standards essential to national defense has been established by this association. This and other facilities of the association are offered for use in your campaign."