

same answer. Of particular note is his membership on such important commissions as those attached to the Peace Conference in Paris; the Red River Boundary Dispute; the Permanent International Commission, China and the United States. His publications are many and significant; their scope is suggested by such titles as *Forest Physiography*; *The Andes of Southern Peru*; *The New World—Problems in Political Geography*; *Desert Trails of Atacama*; *The Mohammedan World*; *The Pioneer Fringe*; *Design for Scholarship*; and so forth, plus a very large number of articles in scientific journals.

Amid all these activities and accomplishments, I suspect that, in the rare times when he can think his own thoughts about his own secret desires, these thoughts often turn to the little island on Lake Wentworth in New Hampshire where the Bowman family have had their summer camp in true woods-lover's

style. Here the talented and attractive family, Isaiah and Cora Bowman and their two sons and a daughter, have come especially close to each other and to the renewing strength of Mother Nature. Here, too, a small rustic isolated shack used as a study has been the scene of high-pressure writing as well as of reading and contemplation. Perhaps the newly elected president of the American Association for the Advancement of Science may have the privilege of writing his presidential address in this safe retreat, if gas and tires hold out.

Those who have been associated with Isaiah Bowman on various assignments are unanimous, I believe, in feeling that they could ask for no better team-mate. In this spirit he is welcomed by old and new associates as he undertakes the new term of leadership of the American Association for the Advancement of Science.

KARL T. COMPTON

SCIENTIFIC NOTES AND NEWS

DR. IRVING LANGMUIR, associate director of the General Electric Research Laboratory, Schenectady, has been elected to honorary membership in the Institute of Metals, London. There are two honorary members of the institute—Professor C. A. F. Benedicks, director of the Metallographic Institute, Stockholm, and Dr. A. M. Portevin, who was professor of metallurgy in the Central School of Arts and Manufactures in Paris before the German occupation. Among past honorary members, now dead, were Sir William Crookes, Sir J. J. Thomson, Lord Rutherford, Professor G. Tammann and Sir William Bragg.

THE University of California at Berkeley has conferred an honorary degree on Dr. Samuel J. Holmes, professor of zoology, emeritus.

THE University of Santo Domingo has conferred an honorary degree on Dr. Hugh S. Cumming, director of sanitation of the Pan American Union.

A FRANKLIN MEDAL of the Franklin Institute, Philadelphia, was presented at the annual medal day ceremonies at the institute on April 1, to Dr. George Washington Pierce, Rumford professor of physics, later Gordon McKay professor of communication engineering at Harvard University, "in recognition of his outstanding inventions, his theoretical and experimental contributions in the field of electric communication and his inspiring influence as a great teacher." The medal was also awarded to Dr. Harold Clayton Urey, professor of chemistry at Columbia University, in recognition of "his discovery of an isotope of hydrogen of mass 2, which has resulted in the opening of new fields of knowledge."

Chemical and Engineering News announces that

Raymond R. Ridgway, associate director of research at the Norton Company, Niagara Falls, has been selected Jacob F. Schoellkopf Medalist for 1943. This medal is awarded annually by the Western New York Section of the American Chemical Society "for distinguished research or chemical achievements by chemists of the Niagara Frontier." The medal will be presented at the May meeting of the section at which time Mr. Ridgway will give the medalist's address.

THE Hillebrand Prize of the Chemical Society of Washington for 1942 was presented on March 11 to Dr. John Frank Schairer, of the Geophysical Laboratory of the Carnegie Institution of Washington. The award is made in recognition of his work on the phase relations in multi-component silicate systems and in particular for his work on the four-component system $\text{CaO—FeO—Al}_2\text{O}_3\text{—SiO}_2$. This award is named for William Francis Hillebrand, formerly chief chemist of the National Bureau of Standards.

THE Electrochemical Society has awarded the Young Author Prize for 1942 to Dr. Sidney Speil, associate non-metals engineer of the Government Electrotechnical Laboratory at Norris, Tenn. Accompanying a cash prize is a certificate for scientific and technical books to the amount of \$50. This book prize was established a year ago by Francis Mills Turner, of New York.

DR. A. L. TATUM, professor of pharmacology at the Medical School of the University of Wisconsin, is the recipient of the Charles Mickle Fellowship for 1942 of the University of Toronto in recognition of his work in the study of cocaine poisoning and its treatment, morphine addiction, the use of picrotoxin as

an antidote to barbiturate poisoning and his introduction of mapharsen for the treatment of syphilis. The fellowship is in the nature of an award, being the annual income from an endowment of \$25,000.

THE Committee of the Athenaeum, London, according to *The Times*, London, has elected the following under the provisions of Rule II, which empowers the annual election by the committee of a certain number of persons of distinguished eminence in science, literature or the arts or for their public services: Sir William Stanier, scientific adviser to the Minister of Production; Sir Thomas Lewis, director of clinical research, University College Hospital; Sir Bernard Pares, lately professor of Russian history, University of London.

DR. HENRY E. CRAMPTON, professor of zoology at Barnard College, Columbia University, will retire at the close of the present academic year.

THE title of professor emeritus of botany of the University of London has been conferred on Dr. R. Ruggles Gates on his retirement at the age of sixty years. Dr. Gates is now working at the Marine Biological Laboratory at Woods Hole.

DR. L. S. PALMER, professor of agricultural biochemistry at the University of Minnesota, has been named chief of the Division of Agricultural Biochemistry.

D. C. TINGEY, associate professor of agronomy of the Utah State Agricultural College and Experiment Station, has been given leave of absence to become senior agronomist of the Bureau of Plant Industry of the U. S. Department of Agriculture in the guayule production project in California and Southwestern States.

DR. L. GRANT HECTOR, who has been engaged in electronic development work for the Office of Scientific Research and Development of the U. S. Government, has joined the staff of the National Union Radio Corporation of Newark, N. J., and Lansdale, Pa. He will direct electronic tube research and engineering activities.

DR. A. F. CAMP, horticulturist in charge of the Citrus Experiment Station, Lake Alfred, Fla., has returned recently from Argentina and Brazil, where he spent several weeks as consultant for the citrus industry there. This trip, arranged through the different state departments, was requested by the citrus growers of the countries concerned.

JOHN S. KARLING, professor of botany at Columbia University and formerly director of the chicle research work of the Tropical Plant Research Foundation, according to *Museum News*, is on leave of absence for the duration of the war to work as a botanical special-

ist in the latex-bearing plants of the Department of Rubber Exploration of the American Republics Aviation. He will be associated with G. H. H. Tate, formerly of the American Museum of Natural History, in exploring the little known tributaries of the Tapajoz and Madeira Rivers in Brazil for sources of wild rubber.

DR. LUTHER S. WEST, for five years head of the Division of Natural Science of the Northern Michigan College of Education, Marquette, has been granted leave of absence to accept a commission with the rank of captain as entomologist in the Department of the Surgeon General.

DR. JOSEPH B. GOLDSMITH, associate professor of histology and embryology at the School of Medicine of the University of Oklahoma, has leave of absence to become First Lieutenant in the Sanitary Corps of the Army.

DR. PAUL R. HEYL, of the National Bureau of Standards, retired, gave a lecture on March 27 before the Philosophical Society of Washington. The lecture was entitled "The Genealogical Tree of Modern Science."

DR. O. H. ROBERTSON, professor of medicine at the School of Medicine, University of Chicago, will deliver the seventh Harvey Society Lecture of the current series at the New York Academy of Medicine on April 15. He will speak on the "Sterilization of Air with Glycol Vapors."

DR. FRANK C. MANN, professor of pathology, experimental physiology and surgery of the University of Minnesota Graduate School at Rochester, delivered on March 12 the Alpha Omega Alpha lecture of the Institute of Pathology at Cleveland. He spoke on "The Value of Research in Medical Education."

DR. VINCENT DU VIGNEAUD, head of the department of biochemistry at Cornell University Medical College, addressed the Central Pennsylvania Section of the American Chemical Society on March 16 on "Transmethylation as a Metabolic Process." It was emphasized that transmethylation is the first new principle introduced into the science of nutrition since the discovery of the vitamins.

DR. W. M. STANLEY, of the Department of Animal and Plant Pathology of the Rockefeller Institute for Medical Research, addressed on March 2 the Chapter of Sigma Xi at Massachusetts State College. His subject was "Virus Diseases of Plants and Animals." On the following day he spoke at a Sigma Xi luncheon at Smith College on "Recent Developments in Virus Study."

DAVID DIETZ, science editor of the Scripps-Howard Newspapers, gave two lectures before the Council on

World Affairs in Cleveland, Ohio, speaking on February 24 on "Science and the War" and on March 3 on "Science and Post-war Reconstruction."

THE American Association of Cereal Chemists has for the second successive year chosen one of its members who has done notable work in the field of cereal chemistry to lecture on the research work in which he has been engaged before a number of the sections of the society. This year the lecturer will be Dr. John C. Baker, chief chemist of Wallace and Tiernan Company, Inc., of Newark, N. J., who has done distinguished work in the field of wheat proteins. The subject of his lecture will be "Gluten and its Relation to Flour Constituents in Bread Making." Dr. Baker is lecturing at Columbus, Ohio; Ft. Worth, Texas; Manhattan, Kans.; Winnipeg, Canada; Minneapolis, and Chicago.

PROFESSOR WILMON HENRY SHELDON, of the department of philosophy of Yale University, is delivering, beginning on April 1, the first series of Woodbridge lectures in philosophy at Columbia University. The general subject of the series is "Process and Polarity." The lectures were established in memory of Dr. Frederick J. E. Woodbridge, Johnsonian professor of philosophy at Columbia University and dean of the Graduate Faculties from 1912 to 1929. Professor Woodbridge died in 1940.

THE thirty-eighth annual meeting of the American Association of Museums, which would normally be called for this spring, will not be held in 1943 owing to the need for curtailment of travel.

THE thirty-fifth annual meeting of the American Society for Clinical Investigation, scheduled to take place on May 3 at Atlantic City, has been cancelled.

THE forty-eighth annual meeting of the Michigan Academy of Science, Arts and Letters was held in Ann Arbor on March 26 and 27.

THE Section of Physics and Chemistry of the New York Academy of Sciences will sponsor a conference on sulfonamide to be held on April 16 and 17 at the American Museum of Natural History.

THE name of the State School of Mines at Rapid City, S. Dak., has been changed to the South Dakota School of Mines and Technology.

ANNOUNCEMENT is made of the formation of a department of nutrition in the ministry of public health of the Republic of Paraguay. The unit was formed under the direction of Dr. Francisco A. Montaldo, who for two years specialized in the study of nutrition at the Institute of Nutrition at Buenos Aires on a scholarship provided by the government.

AN Emergency Food Commission "to foresee and meet situations as they arise" has been appointed by Governor Dewey of New York State. The objects of the commission are (1) to help New York farmers to attain maximum production, partly through alleviating such shortages as those in labor and machinery; (2) to assure continued shipment into the State of necessary feed and other supplies; (3) to guide adaptation of New York citizens "with foresight and common sense" to necessary changes of diet. The chairman of the commission is H. E. Babcock, of Ithaca, chairman of the Board of Trustees of Cornell University, a former president of the Grange League Federation Exchange. Dean Carl E. Ladd, of the College of Agriculture at Cornell University, is executive director. Among members of the commission is Dr. L. A. Maynard, director of the Cornell University School of Nutrition.

A GIFT from Archer M. Huntington to the state of New York of 500 acres of land, including High Tor, has been announced by Edmund W. Wakelee, president of the Palisades Interstate Park Commission. It is planned to convert the property into a bird sanctuary. The land includes the northernmost point of the Palisades and is on one of the principal migratory-bird routes of the East. It is favored as a breeding ground by several species of rare birds, including the swift duck-hawk.

THE Committee on Pharmaceutical Research of the American Pharmaceutical Association announces the availability of certain limited funds for research grants. These grants are to be made by the council of the association on the recommendations of the committee. They are to be made on the following basis: (a) the extent which the award will serve to promote pharmaceutical research; (b) whether the award supplements the laboratory program of the association; (c) the qualifications of those who will perform the work for which the award is made and the facilities of the laboratory where the research will be conducted; (d) preference will be given to applications wherein the award will supplement a contribution from the institution or laboratory in which the research will be conducted. Those interested in being considered for the above awards will please communicate with the chairman of the Committee on Pharmaceutical Research (Francis E. Bibbins, 150 West 64th Street, Indianapolis, Indiana) who will send an application blank which, when returned, will supply all the details that will enable the committee carefully to evaluate the projects listed in the application. These applications should be forwarded promptly so that they can be given early consideration.