



Afternoon Activities

One of the unusual features of the celebration in September will be the opportunity to see "One World of Science" as it is illustrated in action in the Nation's capital. The Government of the United States has a tremendous investment in scientific research, and although a major part of it is carried out elsewhere, it is only in Washington and its vicinity that examples of nearly every type may be found.

More than 40 institutions which are cooperating in arranging local functions will be hosts to visiting scientists. These include the universities—American University, George Washington University, Georgetown University, Howard University, and the University of Maryland; societies affiliated with the AAAS which have headquarters in or near Washington—Academy of World Economics, American Association of Economic Entomologists, American Chemical Society, American Home Economics Association, American Pharmaceutical Association, American Psychological Association, American Statistical Association, Metric Association, National Association of Science Writers, National Education Association, Society of American Foresters, and Society of Rheology; governmental organizations—Bureau of Agricultural Economics, Bureau of Animal Industry, Bureau of Entomology and Plant Quarantine, Forest Service, U. S. Coast and Geodetic Survey, Weather Bureau, National Bureau of Standards, Bureau of Mines, Fish and Wildlife Service, Food and Drug Administration, National Institute of Health, U. S. Office of Education, U. S. Public Health Service, David Taylor Model Basin, National Naval Medical Center, Naval Ordnance Laboratory, Naval Research Laboratory, National Academy of Sciences, Office of Naval Research, U. S. Naval Observatory, National War College, Library of Congress, and Smithsonian Institution; and other organizations—Carnegie Institution of Washington and National Society of the Daughters of the American Revolution.

For relaxation those attending the celebration will have an opportunity to make unscheduled trips to

many art galleries, libraries, museums, and historic monuments located in Washington. A guide to these and a map of the city will be given out at the time of registration. Since no activities have been scheduled for Monday afternoon, September 13, those arriving in Washington early may avail themselves of this opportunity to study the superb cultural displays situated along the Capitol Mall. The opening session will not commence until 8:30 P. M., Monday evening, in Constitution Hall, allowing sightseers ample time to rest between the closing hours of governmental buildings and the start of the evening event.

Special tours of institutions engaging in scientific research are being planned for the afternoons of Tuesday, Wednesday, and Thursday, September 14 through 16. The National Institute of Health, the Agricultural Research Center at Beltsville, the National Naval Medical Center, the National Bureau of Standards, and many others will welcome visiting scientists and their families and conduct them on inspection trips through laboratories housing demonstrations that feature current research programs. Those wishing to participate in these tours may make their reservations at the time of registration. A schedule of trips to institutions will be published in the announcement of the meeting which will be mailed soon to members of the Association.

There will be much to attract specialists who may desire to see advancements in their own fields of science, but the important purposes of the afternoon activities will be to enlarge the horizons of all who participate in the Centennial Celebration, to bring together educators, research workers, and others interested in advancing human welfare, and to facilitate cooperation among them.

As chairman of the Afternoon Activities Committee it is a great pleasure to invite the members of the Association and the members of its affiliated societies to join in the commemoration of the founding of the AAAS and to extend to them a cordial invitation to visit the great scientific and cultural institutions in and about Washington. (RAYMUND L. ZWEMER, chairman of the Afternoon Activities Committee.)

Symposium on Waves and Rhythms

One of 15 symposia planned for the Centennial Celebration is to deal with the subject of waves and rhythms. If nature ever abhorred a vacuum, she seems to love waves and rhythms. Rhythmic events are characteristic of many phenomena, ranging from social, political, and economic cycles, through a variety of biological rhythms, to radiation phenomena in chemistry and physics.

Three papers will be presented on September 14 dealing with selected aspects of this subject. James B. Macelwane, S.J., will consider rhythmic events in the earth's crust from the point of view of a seismologist. Dr. Macelwane is professor of geophysics, dean of the Graduate School, and dean of the Institute of Geophysical Technology at St. Louis University. He is a member of the National Academy of Sciences and author of several books and many papers on seismology and related subjects.

Hudson Hoagland will consider aspects of biological

rhythms with special reference to determinants of rhythmic activity in the nervous system. Dr. Hoagland, who is executive director of the Worcester Foundation for Experimental Biology, neurophysiologist at the Worcester State Hospital, and research professor of physiology at Tufts Medical School, is the author of numerous publications dealing with aspects of neurophysiology and the physiology of time.

A third aspect of waves and rhythms will be discussed by Vern O. Knudsen, a student of the physics of sound and of supersonics, who has made outstanding contributions to problems in the field of audition. Dr. Knudsen is professor of physics and dean of the Graduate Division of the University of California at Los Angeles. He has served as president of the Acoustical Society of America and in 1934 was awarded the \$1,000 prize of the AAAS. In addition to many scientific papers, he is the author of the books *Architectural acoustics* and *Audiometry*.

NEWS and Notes

Abraham White, associate professor of physiological chemistry at Yale University, has been appointed professor and chairman of the Department of Physiological Chemistry in the new School of Medicine of the University of California at Los Angeles. Dr. White, who has been a member of the Yale faculty since 1933, received the Eli Lilly Prize Award in Biochemistry in 1938. He will take up his new duties on July 1.

William W. Flexner, professor of mathematics at Cornell University since 1934, has resigned, and in June will take over his new duties as senior statistician in charge of transport statistics for the Department of Economic Affairs of UN.

Lewis W. Beck, associate professor of philosophy at the University of Delaware, has been appointed professor of philosophy at Lehigh University, effective September 1.

Robert F. Griggs, professor of biology, University of Pittsburgh, will serve as consultant to the University of California during the summer months. Dr. Griggs will advise the University on the use of fire as a tool in the management of Brush Ranges.

Peter L. Bellaschi, formerly with the Westinghouse Electric Corporation, has recently become engaged in consulting work. Mr. Bellaschi, who has lectured before engineering groups in this country, Europe, and South America, has been active in the fields of transformer development, lightning research, transmission, standardization, etc. He is presently located at Sharon, Pennsylvania (P. O. Box 403).

C. J. Mackenzie, president of the National Research Council of Canada, has been appointed president of the Atomic Energy Control Board, succeeding Gen. A. G. L. McNaughton.

A. L. Pickens, professor of biology, Brenau College, reports that contacts have been re-established with **Otto Porsch**, of Vienna, author of numerous works on pollination of flowers by animals and especially by birds. Associated with the Hochschule für Bodenkultur, he had, by the late 1930s, published a number of papers on the less familiar subject of mammalian

pollinators. Although Dr. Porsch has reached the age of retirement, he hopes to continue research in his favorite field.

Ford M. Milam, former research assistant in soils and crops at North Carolina State College, whose appointment as coordinator of agricultural education and research under the American Military Government in South Korea was announced in *Science*, December 19, 1947, has been elected vice-president of the Korean Agricultural Scientific Society "in recognition of his services to scientific research in agriculture in Korea." The Society, of which Cho Paik Hyun, dean of the Suwon College of Agriculture and Forestry, is president, is a group of outstanding Korean and American scientists similar to the American Society of Agronomy.

Ralph M. Hixon, head of the Department of Chemistry and director of the Corn Research Institute, Iowa State College, has been named new dean of the Graduate College. Dr. Hixon succeeds **R. E. Buchanan**, whose retirement on July 1 has been previously announced.

Bradford B. Hudson, after service as psychologist with the Office of Strategic Services and the Central In-