

terms: "Dr. León M. Guerrero was a Filipino scientist who rendered invaluable services in science to his country and his people in different epochs of Philip-

pine history. Through his untiring efforts and painstaking research great achievements have been recorded in the study of Philippine medicinal plants."

SCIENTIFIC EVENTS

THE DEDICATION OF THE RICHARD T. FISHER MEMORIAL

ON June 9, beneath a cluster of ancient white pine, hemlock and hardwood—a most appropriate setting—President James B. Conant of Harvard University assisted in the dedication of a bronze memorial tablet to the late Professor R. T. Fisher. The ceremony was held at noon, on the Tom Swamp Tract of the Harvard Forest at Petersham, Mass. Despite the intermittent heavy rain, some one hundred and fifty friends, relatives, alumni of the Harvard Forest School and professional colleagues were present. The site for the memorial is a lovely woodsy spot, and is regarded as singularly fitting, inasmuch as Professor Fisher often came there to study and to photograph the interesting wild life in the game sanctuary of which this area is a part.

John S. Ames, '01, president of the Forest School Alumni Association and donor of the lands making up the Harvard Forest, presided, and in a brief address told how the tract was obtained and how it had become the oldest managed forest in the United States. He further mentioned how justly proud Professor Fisher was of its growth and of the increasing number of visits made by technical foresters from various portions of the world.

Henry H. Tryon, '12, director of the Black Rock Forest at Cornwall-on-Hudson, N. Y., and chairman of the Fisher Memorial Committee, spoke briefly of the well-nigh unanimous admiration and loyal affection which the alumni held for their former director, and added that there could be no more fitting place for the memorial than this spot, where he loved to come.

President Conant, before lifting the simple spray of spruce and larch which covered the tablet, touched perhaps the true dedicatory note: "Professor Fisher was the real creator of this forest. His untimely death prevented the completion of many well-laid plans that he had in the making. His death will even more closely unite the forest with Harvard University. Professor Fisher was continually laying plans for the advancement of this wonderful work; it was only a short time before his sudden death that he discussed with me at some length the future of the work here. These plans now rest with us to carry out. On behalf of the Governing Board of Harvard University I accept this memorial with a full sense of the responsibility which

is implied therein, and with a renewed gratitude for Professor Fisher's outstanding work."

Those present included Mr. and Mrs. Peter Frothingham, Mr. and Mrs. William James, Henry James, Dr. Thomas Barbour, Dr. E. G. Stillman, E. S. Bryant, Dean George H. Chase, A. H. Upham, Wm. G. Howard, state forester of New York, H. O. Cook, state forester of Massachusetts, Mrs. George R. Agassiz, Dr. R. H. Wetmore, Professor Henry V. Hubbard, Dr. John C. Phillips, Professor Irving W. Bailey, Professor Harlow Shapley, and many others.—*A Correspondent.*

THE SAN FRANCISCO MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE rise of the chemical industry on the Pacific Coast will be emphasized at the ninetieth meeting of the American Chemical Society, which will be held in San Francisco from August 19 to 23. Chemists from all over the country will participate. Petroleum, wine-making, vitamins and new uses for wood will be special fields of discussion.

Dr. Edward C. Franklin, professor emeritus at Stanford University, known for his researches in liquid ammonia solutions, which opened up a new field in organic chemistry, has been appointed honorary chairman of the convention. Professor Franklin is the holder of the Willard Gibbs Medal. Dr. Arthur Lachman, of the University of California, has been named general chairman.

Most of the professional divisions will hold sessions. The Division of Agricultural and Food Chemistry and the Division of Industrial and Engineering Chemistry will conduct a joint symposium on the chemistry and technology of wine.

A joint session of the Division of Petroleum Chemistry and the Division of Industrial and Engineering Chemistry will discuss "Solvent Extraction and Solvent Dewaxing of Lubricating Oils." The Petroleum and Gas and Fuel Chemistry Divisions will sponsor a symposium on the utilization of natural gas hydrocarbons.

Wood as the raw material for chemical commodities will be the subject of another symposium of the Division of Industrial and Engineering Chemistry. Joint symposia on vitamins and the minor elements of animal nutrition are planned by the Divisions of Medicinal Chemistry, Biological Chemistry and Agricultural and Food Chemistry. Professor Roe E. Rem-

ington, of the Medical College of South Carolina, will preside.

Sessions will be devoted to other fields of chemistry, including cellulose, colloids, gas and fuel, chemical education, paint and varnish, sugar and physical and inorganic chemistry. The presidential address will be delivered by Professor Roger Adams, of the University of Illinois.

Dr. William Albert Noyes, emeritus director of the laboratories of the University of Illinois, will receive the Priestley Medal, the highest honor of the American Chemical Society, which is bestowed every three years "for distinguished service to chemistry." The American Chemical Society Award in Pure Chemistry of \$1,000 will be presented to Dr. Raymond M. Fuoss, of Brown University.

GRANTS IN AID OF RESEARCH FOR 1936 OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

FROM various donors, the association has received in the past funds with the provision that the income thereof be used in making small grants for the encouragement of research. The allotment of these funds is assigned to the Committee on Grants. Within recent years, the committee has been inclined to prefer recommending the appropriation of sums to aid in the completion of important projects already initiated or to supply apparatus or facilities in circumstances where adequate funds are not otherwise available. The committee has ordinarily at its disposal the sum of \$3,000.

Individual grants have previously been limited to amounts of less than \$500, and many smaller sums have been useful in meeting emergency needs or such as are not covered by other agencies. Applications for grants are filed on special blanks which may be secured from the office of the permanent secretary. It is important that each application be supported by letters from at least two sponsors who are personally acquainted both with the applicant and with the project and are able to speak specifically regarding both items.

The membership of the committee for the current year is as follows: Arthur H. Compton (1937) (for physics), University of Chicago; J. B. Macelwane (1936) (for geology), St. Louis University; William Crocker (1935) (for botany), Boyce Thompson Institute; Philip Fox (1935) (for astronomy), Adler Planetarium; McKeen Cattell (1935) (for medical sciences), Cornell Medical School; M. Gombert (1935) (for chemistry), University of Michigan; C. C. Little (1937) (for zoology), Jackson Memorial Laboratory; Walter R. Miles (1936) (for psychology), Yale University. The committee prefers that all correspondence be addressed to the permanent

secretary and not to individual members. The fiscal year of the association opens on October 1 and closes on September 30 following. All grants not utilized within the year normally revert to the treasury of the association on October 1.

Applications for grants for 1936 must be received at the permanent secretary's office in Washington, D. C., on or before October 30. Reports which are incomplete or late in arrival can not be considered for the year 1936. The report of the committee is laid before the executive committee and the council at the annual meeting in December and payment of approved grants is made by the treasurer following that meeting. Unused portions of grants should be returned on October 1 of each year.

Publications including results obtained by virtue of the assistance rendered through grants should contain due acknowledgment of the aid furnished by the association. Recipients of grants are expected to make at least one report, which should be filed with the permanent secretary not later than October of the year for which the grant was made. In case completion of the report is delayed, notice should be sent to the permanent secretary's office, and a statement of the results obtained in the research should be made at the time the report is filed.

HENRY B. WARD,
Permanent Secretary

BIRTHDAY HONORS OF THE KING OF ENGLAND

As cabled from Europe and announced in *SCIENCE* the birthday honors of King George of England included the Order of Merit of the British Empire conferred on Sir Frederick Gowland Hopkins, president of the Royal Society, "in recognition of his eminent services to biochemistry, especially in connection with the discovery of vitamins." A baronetcy was conferred for public services on Dr. Evan Williams, president of the Mining Association of Great Britain.

Other honors include:

Knights Bachelors:

Noel Ashbridge, chief engineer of the British Broadcasting Corporation.

Professor Joseph Barcroft, professor of physiology, University of Cambridge.

Dr. Arthur John Hall, emeritus professor of medicine, University of Sheffield, for distinguished service to medicine and medical science, with special reference to problems of the health of industrial workers.

John Hepburn Milne Home, vice-chairman, Advisory Council to Department of Agriculture for Scotland, for services to agriculture.

Patrick Playfair Laidlaw, pathologist to the Medical