

in organic chemistry; first lieutenant, Sanitary Corps, U. S. A.

In Physics

Ernest F. Barker, of London, Canada. B.S. Rochester, '08; M.A., Michigan, '13; Ph.D., 15. Professor of physics Western University, London, Canada, since 1915.

Albert Edward Caswell, of Eugene, Oregon. A.B. Stanford, '08; Ph.D., '11. Professor of physics, University of Oregon, since 1917.

The members and acting members of the research fellowship board are as follows: Wilder D. Bancroft, Henry A. Bumstead, Simon Flexner, George E. Hale, Elmer P. Kohler, A. C. Leuschner, Robert A. Millikan, Arthur A. Noyes, E. W. Washburn.

SCIENTIFIC NOTES AND NEWS

DR. GEORGE ELLERY HALE, director of the Mount Wilson Observatory and foreign secretary of the National Academy of Sciences, who has been for the last ten years a correspondent of the Paris Academy of Sciences, has been elected a foreign associate, taking the place of Adolph von Baeyer, declared vacant by the academy. The foreign associates are limited to twelve, and the distinction has been held by only two Americans—Simon Newcomb and Alexander Agassiz. The National Research Council, upon the presentation and acceptance of Dr. Hale's resignation as its chairman and the election of Dr. James R. Angell as his successor, "created and bestowed in perpetuity upon Dr. Hale the title of honorary chairman in recognition of his services to the National Research Council and to science and research by indefatigable efforts that have contributed so largely to the organization of science for the assistance of the government during the war, and the augmentation of the resources of the United States through the newly intensive cultivation of research in the reconstruction and peace periods that follow."

A DISTINGUISHED service medal has been awarded to Colonel William H. Walker, Chemical Warfare Service, U. S. A., for exceptionally meritorious and conspicuous service.

"His extraordinary technical ability, untiring industry and great zeal have enabled remarkable results to be achieved in the production division of the Chemical Warfare Service in the face of many obstacles encountered." Colonel Walker has been discharged from the Army and has returned to his home in Bridgton, Maine.

THE University of California has conferred its doctorate of laws on President Ray Lyman Wilbur and Professor Vernon Charles Kellogg, of Stanford University.

THE degree of doctor of science has been conferred by Dartmouth College on Dr. Raymond Pearl, of the Johns Hopkins University.

For scientific exhibits at the Atlantic City meeting of the American Medical Association the gold medal was awarded to Dr. H. S. Warthin and the silver medal to Dr. Hideyo Noguchi.

DR. R. F. RUTTAN, of McGill University, Montreal, president of the Royal Society of Canada, has been deputed to represent Canada at the International Research Council which meets in Brussels on July 18. He will also attend the Inter-allied Federation of Chemists to be held in London as the representative of the chemists of Canada.

DR B. E. FERNOW, dean of the faculty of forestry, University of Toronto, Toronto, Canada, since its inauguration in 1907, retired at the close of the session just concluded. He has been appointed professor emeritus. Dr. C. D. Howe, a member of the faculty has been appointed acting dean.

PROFESSOR I. BAYLEY BALFOUR has been awarded the Linnean gold medal of the Linnean Society, London.

AT the seventy-first general meeting of the Institution of Mining Engineers held in London on June 19, medals were presented to Dr. Auguste Rateau, of France and M. Victor Watteyne, of Belgium.

DR. JOHN DEWEY has been invited by the Chinese government to assist in the reorganization of its educational system and has for this purpose received a second year's leave of absence from Columbia University.

LEAVE of absence has been given by the University of California to W. C. Bray, professor of chemistry, who will become one of the three directors of research in the new nitrate division laboratory of the government.

CAPTAIN W. E. CARROLL, who has been in the Sanitary Corps of the Army in France, has been honorably discharged and will resume his duties as head of the department of animal husbandry at the Utah Agricultural College and Experiment Station.

PROFESSOR L. M. WINSOR, who has been in South America as consulting engineer on an irrigation project, has returned to Utah where he will resume his irrigation investigations with the Utah Agricultural Experiment Station and the U. S. Department of Agriculture cooperating.

B. R. MACKAY will be in charge of a party sent out by the U. S. Geological Survey to make explorations in British Columbia.

DR. E. W. GUDGER, of the North Carolina College for Women, Greensboro, N. C., is spending a year's leave of absence at the American Museum of Natural History of New York City, where he is associated with Professor Bashford Dean in editing the third and index volume of the *Bibliography of Fishes*. Letters and separates may be addressed to him at the museum.

DR. MAURICE L. DOLT, professor of organic chemistry at the North Dakota Agricultural College, has resigned to accept a position as research chemist with the American Cotton Oil Company.

THE Committee on Scientific Research of the *Journal of the American Medical Association* has made an appropriation for the preparation of a critical summary of the epidemiology and bacteriology of the influenza pandemic. The work has been placed in charge of Professor Edwin O. Jordan, of the University of Chicago. It is requested that reprints of articles and statistical records on influenza be forwarded to Professor Jordan as soon as published.

DR. M. CURTIS FARABEE, who was ethnographer to the American Commission to Nego-

tiate Peace and went to Paris with President Wilson's party, has returned to the University of Pennsylvania. While in Paris he was made a corresponding member of the Paris Anthropological Society and of the Association for the Teaching of Anthropological Sciences.

DR. REGINALD A. DALY, professor of geology at Harvard University, will go to Samoa this summer under the auspices of the Carnegie Institution of Washington to study the volcanic formations and coral reefs of the Samoan Islands.

MAJOR VICTOR CLARENCE VAUGHAN, JR., on duty with the American Expeditionary Forces was accidentally drowned in France, on June 10. Major Vaughan, who was born in Ann Arbor, in 1879, was associate professor of preventive medicine and assistant professor of medicine in the Detroit College of Medicine and Surgery, and the author of valuable contributions to pathology and bacteriology.

ADDITIONAL information regarding the observations made by Dr. Bauer's party at Cape Palmas, Liberia, during the total solar eclipse of May 28-29, states that the magnetic effect observed in previous eclipses has been confirmed. The inner corona was very bright, and marked outer corona extensions south-south-east and north-northwest were observed. No shadow bands were seen.

THE Selous collection of big-game trophies has been presented to the Natural History Museum, London, by Mrs. Selous, is said by *Nature* to be the finest ever brought together as the product of one man's gun. It consists of some five hundred specimens shot by the late Captain F. C. Selous, D.S.O., during a period of nearly forty years, some of the trophies dating from his earliest days as a hunter. The greater part of the collection is African, but there are many specimens from Canada, Newfoundland, the southern Carpathians and Asia Minor. Mrs. Selous has also presented to the Natural History Museum the superb collection of European birds' eggs, every clutch in which was collected by Captain Selous, and is labelled most carefully, with exact date and locality. The specimens will in due course be

removed from Worplesdon to South Kensington, and kept together as the "Selous collection" for a period of years.

THE establishment of a new Jardin des Plantes is proposed for France in the park of Versailles between the Trianon (villas of Louis XIV. and XV) and the Forest of Marly. The new garden of about fifteen hundred acres will be, to a large extent, supplemental to the old Jardin des Plantes in Paris, the further expansions of which has been shut off by the growth of the city.

A CONFERENCE devoted to the consideration of problems of reconstruction in relation to public health was held in London from June 25, to June 28. The subjects considered were under the following heads: (1) The Work of the Ministry of Health; (2) The Prevention and Arrest of Venereal Disease; (3) Housing in Relation to National Health; (4) Maternity and Child Welfare, and (5) The Tuberculosis Problem under After-War Conditions.

MISS ELIZABETH C. WHITE is offering \$50 apiece for wild blueberry bushes bearing berries as large as a cent. She has already secured two such plants from New Jersey. Besides propagating from these bushes for her own blueberry plantation she will furnish cuttings of them to Mr. Frederick V. Coville, of the United States Department of Agriculture, for use in his blueberry breeding experiments. Details of the offer can be had from Miss White, whose postoffice address is New Lisbon, New Jersey..

THE University of California, in cooperation with the U. S. Bureau of Soils, has started work on the soil survey of the Big and Little Shasta Valleys in Siskiyou County. E. B. Watson, of the Bureau of Soils, is in charge of the work and is assisted by Professor Alfred Smith, of the university. The survey will cover about 450 square miles and when completed will be published with a map showing the location of each of the soils that occur in the region and a report in which each of these soils will be fully described. The report will also contain a discussion of the agricultural

conditions of the region and of the crops that can be grown on the soils.

THE British government proposes to expend during the next five years about £2,000,000 on agricultural research and agricultural education. Substantial scholarships will be offered to men who have distinguished themselves in the natural sciences at the universities, and a certain number will be selected for employment in universities and other institutions. *Nature* says that research is already carried on at Cambridge, Rothamsted, Bristol and Reading; but whereas at present there are probably not more than forty men in England and Wales engaged on pure research in agricultural science, it is hoped that during the next decade or so the number may be raised to about 150. Another feature will be the encouragement of higher agricultural education in colleges by means of grants and in other ways. There are about a dozen agricultural colleges in England and Wales, and it is hoped to bring the farmer into more sympathetic touch with them by the creation of more demonstration farms and of a keener sense of the general value of science in agriculture.

UNIVERSITY AND EDUCATIONAL NEWS

AN unnamed donor has provided the funds for a new chemistry building for Cornell University, to take the place of Morse Hall, which was destroyed by fire several years ago. The sum promised is said to be about \$1,000,000.

By the will of the late Professor William G. Farlow his books, papers, manuscripts etc., are left to Harvard University, to be known as the Farlow Reference Library. The sum of \$25,000 is left in trust for his assistant, Arthur B. Seymour, who will enjoy the income during his life. On his death the income will be added to a gift of \$100,000 previously made to Harvard, which is known as the John S. Farlow Memorial Fund. Professor Farlow further provides that on the death of his wife \$100,000 be given to Harvard and added to the John S. Farlow Memorial Fund.