

unveiled the portrait, and Professor William A. Hammond, secretary of the university faculty, accepted it in behalf of the university in the presence of a large assembly of Dr. Kingsbury's friends.

In the evening a dinner was given in his honor. Dr. Needham acted as toastmaster, and, after reading many greetings from those who could not be present, he introduced the speakers as follows: Professor Pierre A. Fish, fellow student and colleague; Dr. Christianna Smith, of Mount Holyoke College, for the women graduate students; Dr. Abram T. Kerr, secretary of the Ithaca Division of the Medical College; Dr. William R. Humphrey, of the University of Buffalo, for the men graduate students, and Emeritus Professor Simon Henry Gage, former teacher, colleague and predecessor.

Dr. Kingsbury's response made all feel that it was a rare privilege to gather in honor of a man with such noble ideals, such beautiful human qualities and who has been and is such an inspiring leader and trainer of men.

S. H. G.

THE GRABAU MEDAL

THE annual meeting of the Geological Society of China was held in Peking, from May 3 to 5. A noteworthy feature was the first presentation of the Grabau Medal, founded by Mr. C. Y. Wang, and named in honor of its first recipient, Professor Amadeus W. Grabau. This medal is to be awarded annually in recognition of accomplishment in the field of geological research in China, or for original advancement of the science throughout the world. It is the first gold medal in the gift of any scientific society in China, and it will be peculiarly gratifying to American scientists that its title and its first award are in honor of the achievements of one of their countrymen. Americans have in fact played a very prominent part in the recent advances in the geology of China—the work of Pumpelly, of Bailey Willis, of Huntington and others is already classic, and in the active field studies now under way Americans are taking a large share. Professor Grabau has contributed a series of admirable researches upon the invertebrate fossils and paleogeography of China and of Central Asia, but far more than that he has been the inspiration through teaching and example of a remarkable group of young Chinese geologists, whose activity and high standards of research will compare with the best of western science.

The presentation took place at the annual dinner of the society, a notable occasion, at which representatives of the leading scientific institutions of North China and many other guests, among them Dr. J. S. Lee, head of the department of geology of the National University; Dr. W. H. Wong, director of the

Geological Survey of China; the director of the Bureau of Mines; Mr. Yin, first president of the Scientific Society of China; Dr. Bernard Read, of the Peking Society of Natural History; Mr. Sohtsn King, curator of the Natural History Institute, and his artist brother, Mr. Kungpah King; Mr. Yen, of the Board of Communications; Mr. McMurray, the American Minister; Dr. A. W. Grabau; Dr. R. K. S. Liu; Dr. Davidson Black, and others of Peking Union Medical College; Mr. Roger Greene, of the China Medical Board, and Mrs. Greene; Mr. and Mrs. Gist Gee; Mr. George B. Barbour, of Peking University; Mr. and Mrs. Daly; Dr. Mont. Reid; Dr. and Mrs. N. C. Nelson; Dr. W. D. Matthew, and other members of the American Museum Central Asiatic Expedition.

W. D. M.

PEKING,

MAY 9, 1926

SCIENTIFIC NOTES AND NEWS

THE degree of doctor of science was conferred on Dr. W. J. V. Osterhout, of the Rockefeller Institute for Medical Research, at the recent commencement of Brown University.

LEHIGH UNIVERSITY has conferred honorary degrees on Dr. Albert Sauveur, professor of metallurgy in Harvard University, and on Louis A. Olney, professor of chemistry in the Lowell, Mass., Textile School. Dr. Henry S. Pritchett, of the Carnegie Foundation for the Advancement of Teaching, gave the commencement address on "The Primary Aim of a College Education."

THE degree of doctor of letters has been conferred by the University of Nebraska on Mr. Francis La Flesche in recognition of his work in ethnology and his services to the state.

AT its commencement on June 7, Lafayette College conferred the honorary degree of doctor of science upon an alumnus, Thomas B. Holloway, professor of ophthalmology at the University of Pennsylvania, and the honorary degree of doctor of engineering on George Crowell Andrews, Buffalo, N. Y., water commissioner for the city of Buffalo; on William Lewis Plack, Philadelphia, Pa., president of the Pennsylvania State Association of the American Institute of Architects, and on William Elgin Wickenden, New York, N. Y., director of investigation of engineering education for the Society for the Promotion of Engineering Education.

THE University of New Hampshire has conferred the doctorate of science on Dr. Philip Wheelock Ayres, forester for the Society for the Protection of New Hampshire Forests.

PROFESSOR ALEXANDER PETRUNKEVITCH, of Yale University, was on June 9 the recipient of an honorary degree from the University of Porto Rico.

PROFESSOR G. H. PARKER, director of the Harvard Zoological Laboratory, has been elected an honorary fellow of the Massachusetts Medical Society.

DR. SMITH ELY JELLIFFE, of New York City, has been made a corresponding member of the Vienna Society of Psychiatry and Neurology.

EDWARD E. WALL, formerly director of public utilities, St. Louis, whose recent dismissal by Mayor Miller was the culmination of a disagreement over authority within the mayor's cabinet, was given a testimonial dinner on May 17 by the Associated Engineering Societies of St. Louis "in appreciation of his thirty-four years of public service."

A LUNCHEON in honor of Dr. Ing. Paul Reusch, retiring president of the Deutsches Museum in Munich and one of the foremost industrialists of Germany, was given at the Chamber of Commerce in New York on June 10 by the trustees of the Museums of the Peaceful Arts. A feature of the luncheon was the presentation by Dr. Reusch of certificates of membership on the board of the Deutsches Museum in Munich to Elbert H. Gary, Professor Michael I. Pupin, John W. Lieb, E. W. Rice, Jr., and Calvin W. Rice. Mr. Gary and L. F. Loree, president of the Delaware & Hudson Railroad, spoke.

PROFESSOR ETTORE MARCHIAFAVA has recently received a gold medal from the Italian government for his services to public health, and the London Tropical Medicine Society has awarded to him the Manson medal in recognition of his work on malaria.

PROFESSOR E. KRAEPELIN, Munich, has been awarded a fund for a five months' study in India of paralysis.

DR. ETIENNE BURNET, subdirector of the Pasteur Institute of Tunis, has been awarded the Tunis medical prize of 5,000 francs for his work on Mediterranean fever. He has also been nominated assistant director of the institute.

At the May meeting of the Helminthological Society of Washington, the following officers were elected for the ensuing year: Dr. Benjamin Schwartz, Bureau of Animal Industry, *president*; Mr. J. R. Christie, Bureau of Plant Industry, *recording secretary*; Miss A. J. Speer, Hygienic Laboratory, *corresponding secretary*.

H. T. HERRICK has been appointed chemist in charge of the Color Laboratory of the Bureau of Chemistry of the U. S. Department of Agriculture.

DR. WARREN FRED FARAGHER, assistant director of the Mellon Institute, has accepted the directorship of the research laboratory of the Universal Oil Products

Company, Chicago, Ill. He assumed his new work on June 1.

DR. GEORGE W. HOOVER has been selected as chief of the central inspection district, Bureau of Chemistry, to fill the vacancy caused by the death of R. E. Doolittle.

LEONARD H. CHURCH, for the past three years a member of the faculty of the electrical engineering department of the Kansas State Agricultural College, Manhattan, has joined the editorial staff of *The Electrical World* for the summer, with headquarters in New York.

H. K. PLANK, of the Bureau of Entomology, has resigned to accept a position with the Tropical Research Foundation in Cuba.

DR. A. F. KIDDER has resigned as agronomist, Agricultural Experiment Station, Louisiana State University, effective June 15, 1926, to accept a position of cotton breeder for the growers of Canete Valley in Peru. Mr. H. V. Geib, assistant professor of agronomy, at the Louisiana State University, has resigned and will go with him as assistant. They expect to sail from New York on July 22.

DR. VERNON KELLOGG, secretary of the National Research Council, will attend a special general assembly of the International Research Council, at which about thirty nations will be represented, in Brussels, on June 29 and following days. The principal matter to be given attention at this meeting is that of the admission of Germany to the council. The council was organized during the war by representatives of the allied and neutral nations and the Central European powers have not yet been admitted to the council.

PROFESSOR E. F. PHILLIPS, of the department of entomology, Cornell University, and Mrs. Phillips left for Europe on June 2. Professor Phillips is this year president of the International Apis Club and will preside at the annual general conference of that organization to be held in London, from August 5 to 7. Various organizations devoted to apiculture in Switzerland, France, England and Scotland have arranged special meetings during the time of his visits to those countries.

LESTER R. FORD, of the department of mathematics, of the Rice Institute, has been granted a year's leave of absence and will spend fifteen months of study and research in Europe.

DR. J. W. GRUNE, assistant professor of mineralogy and geology at the University of Minnesota, is leaving on August 15 for his sabbatical leave. He will study crystal structure and its application to mineralogy and geology with Professors F. Rinne and E. Schie-

bold, of the University of Leipzig. En route, he will present a paper before the Mineralogical Society of Germany at Duisberg.

DR. TRUMAN MICHELSON, ethnologist in the Bureau of American Ethnology, has left Washington for Tama, Iowa, to continue his ethnological and linguistic studies among the Algonquin Indians of that state.

DR. ALFRED P. DACHNOWSKI, of the Bureau of Plant Industry, sailed for Europe recently for the purpose of comparing areas of peat in other countries with different peat lands in this country. He will visit the experiment stations and institutes of several countries and make a study of the progress in peat investigations and peat-land agriculture.

THE annual Halley lecture of the University of Oxford was delivered on May 5 by Dr. G. M. B. Dobson, Lincoln College, university lecturer in meteorology, who took as his subject "The Uppermost Regions of the Earth's Atmosphere."

PROFESSOR HERBERT S. JENNINGS, of the Johns Hopkins University, gave an address on "Biology and Experimentation" on the occasion of the dedication on June 4 of the new Whitman Laboratory of Experimental Zoology at the University of Chicago, built at a cost of \$100,000. An introductory appreciation of Charles Otis Whitman, the distinguished zoologist in whose memory the building is named, was given by Professor Frank R. Lillie, chairman of the university's department of zoology.

PROFESSOR GEORGE D. SHEPARDSON, head of the department of electrical engineering at the University of Minnesota, died at Florence, Italy, of pneumonia on May 26 while on a sabbatical leave of absence. Professor Shepardson was in his sixty-second year.

BENJAMIN E. CARTER, associate professor of mathematics at Colby College for the last sixteen years, died on June 11, aged sixty years.

SIR STEPHEN PAGET, founder of the British Research Defence Society and author of the biography of Sir Victor Horsley, died on May 8, aged seventy years.

VLADIMIR ANDREYEVITCH STEKLOV, the eminent mathematician, vice-president of the Russian Academy of Sciences, died on May 31 in the Crimea at the age of sixty-three years.

THE British Association for the Advancement of Science meets, as has already been reported in SCIENCE, at Oxford from August 4 to 11, under the presidency of the Prince of Wales. Joseph Wells, vice-chancellor of the University of Oxford, is chairman of the local executive committee, and, with his associates, is making plans for an exceptionally large

meeting. The college halls will be thrown open for visitors, guides will be provided by the town and university, and every possible courtesy will be shown to those in attendance. The British Association has met at Oxford on four previous occasions, in 1832, 1847, 1860 and 1894. As a special feature, excursions are being arranged for Saturday, August 7, to Stratford-on-Avon, the Cotswolds, Reading University, Windsor Castle and river excursions to Abingdon and other points. The annual meeting of the association in 1927 will be held in Leeds.

THE German Association of Scientific Men and Physicians meets this year at Düsseldorf from September 19 to 26. Invitations to attend are extended to all scientific workers. The main topic is scientific research in relation to industry. There are fifteen scientific and nineteen medical sections. Correspondence should be addressed to Büro der 89 Versammlung der Gesellschaft Deutscher Naturforscher und Aerzte, Düsseldorf.

THE fiftieth session of the French Association for the Advancement of Sciences will be held at Lyons from July 26 to 31.

THE International Congress for Applied Mechanics will be held in Zurich, from September 12 to 18. Lectures have been promised by Professor P. W. Bridgman, of Harvard University; P. Debye, of Zurich; Professor T. Levi-Civita, of Rome, and Professor L. Prandtl, of Göttingen.

THE Fourth National Colloid Symposium was held at the Massachusetts Institute of Technology, on June 23, 24 and 25. Professor James W. McBain, Leverhulme professor of physical chemistry in the University of Bristol, England, was the guest-speaker.

AT the Philadelphia meeting of the American Chemical Society, next September, the section of the history of chemistry will hold a joint session with the division of chemical education. One feature will be papers devoted to special phases of chemistry during the last fifty years, not included in the memorial volume entitled "A Half-Century of Chemistry in America," is being prepared under the direction of a committee appointed from members of this section. Another feature is an exhibit of historical material relating to chemistry in America. Titles of papers for the Philadelphia meeting should be sent to the secretary of the section, Professor Lyman C. Newell, Boston University, 688 Boylston St., Boston, Mass.

THE one hundred and fortieth regular meeting of the American Physical Society will be held in Oakland, California, at the laboratory of physics of Mills College, in affiliation with the Pacific Division of the American Association for the Advancement of Sci-

ence. The meeting of the association includes a research conference, on Wednesday, June 16, and other meetings and excursions extending through Saturday, June 19. The meeting of the American Physical Society will be on June 17, the morning session beginning at 10.00 o'clock. The afternoon session will be a joint session with the Astronomical Society of the Pacific. Other meetings for the current seasons are as follows: November 26-27, 1926, Chicago; December 27-29, 1926, Philadelphia, annual meeting.

THE Commonwealth Fund has appropriated \$400,000 for a comprehensive study under the auspices of the American Psychiatric Association of community mental hygiene.

Nature states that the Royal Society will receive from Messrs. Brunner, Mond and Co., Ltd., a donation of £500 in respect of the current year towards the cost of scientific papers on the physical side. The society will also receive a publication grant of £2,500 from H. M. Government during the current year. Both grants are available for helping the publications of other scientific societies as well as for assisting the separate publication of books, memoirs, etc., of a scientific nature.

AN expedition has sailed from Honolulu under the joint auspices of the Bernice P. Bishop Museum and the University of California. The party, which consists of Professor W. A. Setchell, of the department of botany at the University of California; J. M. Ostergaard, of the University of Hawaii; J. E. Hoffmeister, fellow of the Bishop Museum and professor of geology in the University of Rochester, and others, has selected for especial study Eua Island in the Tongan group. The primary intention in going to Eua, which is one of the eastern line of so-called coral islands in the Tongan group, is to study the aspects of the submerged reef and the emergent or elevated reefs representing at least six or seven different terraces in order to compare the situation with that on Fiji, Oahu of the Hawaiian Islands and others of the South Seas, as well as the barrier reefs of Australia, which it is hoped will throw light on the structure, development, origin and biological and geological history of the reefs throughout the Pacific.

UNIVERSITY AND EDUCATIONAL NOTES

AMONG bequests in the will of the late John Kennedy Tod are the sum of \$250,000 to Princeton University and \$100,000 to the Presbyterian Hospital, New York City.

GROUND was broken at Wellesley College on May 14 for a new building to house the departments of

botany and zoology. The building will be erected at a cost of approximately \$500,000.

DR. EDWARD MORGAN LEWIS, dean of the Massachusetts Agricultural College, was elected president on June 14. Dr. Lewis has been acting president since the resignation of Dr. Butterfield two years ago to become president of the Michigan Agricultural College.

DR. E. J. LUND, assistant professor of physiology at the University of Minnesota, has accepted a professorship of zoology at the University of Texas. Dr. Lund will have charge of the work in physiology in the department of zoology.

PROFESSOR HENRY MCE. KNOWER, formerly of the University of Cincinnati, has accepted appointment as head of the department of anatomy in the University of Alabama.

THE University of California announces the following changes in the staff of the department of physics: Dr. Marcus O'Day, instructor, has resigned to accept an assistant professorship at Reed College, Oregon. Samuel K. Allison, Ph.D. (Chicago), of the Geophysical Laboratory of the Carnegie Institution, has accepted the position left vacant by Dr. O'Day. To replace Edward Condon, assistant in the department, who has been granted a National Research Fellowship for the purpose of studying with Professor M. Born in Göttingen, the position has been given to Mr. Harold P. Knauss, a graduate of New York University, who is just returning from a year spent abroad under a Coffin Foundation Fellowship. Mr. Gerhard Dieke, of the University of Leiden, who will receive the Ph.D. degree in physics in September, has been granted an International Education Board Fellowship to work with Professor P. Epstein at the California Institute.

DISCUSSION

A PROGRAM FOR BIOLOGISTS

WITHIN the last few weeks three papers have come to hand which appear to be of more than ordinary importance, to say the least. One is C. C. Hurst on "Chromosomes and Characters in *Rosa*"; one is Morgan, Sturtevant and Bridges on the "Condition of the Germ Material in Relation to Heredity," and the third is Turesson on "Plant Species in Relation to Habitat and Climate." Taken together, these papers indicate the magnitude of recent advances in biological knowledge and corresponding theory. They have this in common that all are based on intensive studies, conceived from a broad point of view. They appear to indicate the direction in which we are moving, and where we may expect notable advances. To the ordi-