

may wish to stay after the meeting. Addresses and prices of rooms or furnished houses in the city, or of cabins in the mountains, may also be secured from Professor Hutchinson. Lodging for the period of the meetings will be provided in the fraternity and sorority houses at a price not to exceed \$1.00 per night per person, except that a limited number of single rooms will be available at \$1.25 per night per person.

The full program of the association meeting will be sent to the members in July with a post card for making reservations.

SCIENTIFIC NOTES AND NEWS

CHARLES FRANCIS BRUSH, of Cleveland, distinguished as the inventor of the arc light, died on June 15 at the age of eighty years.

DR. NATHANIEL LORD BRITTON has asked to be relieved from his duties as director-in-chief and secretary of the board of managers of the New York Botanical Garden. Since 1896, the date of the establishment of the garden on the initiative of Dr. Britton, he has served as director, and now having reached the age of seventy years desires to spend more time in research in tropical America. His resignation as director will be considered by the board of scientific directors, of which Professor R. A. Harper is chairman, while his resignation as secretary will be taken up by the board of managers, of which Professor Frederic S. Lee is president.

ON the occasion of the retirement of Dr. William H. Welch, of the Johns Hopkins University Medical School, from the presidency of the Maryland State Board of Health, with which he had been connected for thirty-one years, Governor Ritchie spoke of "the outstanding service which Dr. Welch has rendered to Maryland through personal interest, wise counsel and the time and attention he has given so generously and over so long a period to the State Department of Health." Dr. Thomas S. Cullen, professor of clinical gynecology in the Johns Hopkins University, will succeed Dr. Welch.

A PLAQUE of David Starr Jordan, chancellor emeritus of Stanford University, has been made by Carleton B. Angell, to be hung in one of the halls of the new museum building of the University of Michigan. At a dinner last year in Tokyo of Stanford graduates, under the chairmanship of Yakanosuke Fukukita, of the class of 1904, at which about sixty Japanese were present, it was decided to secure and forward to Dr. Jordan a work of art symbolic of his efforts for world unity and peace. This gift arrived in due time. It is mainly of bronze with gold and silver

overlays and consists of the figure of a dove, almost life-size, perched on an old broken temple-roof tile out of which a plant has grown. The piece is accompanied by a teak-wood stand for its suitable display.

PROFESSOR EDWARD WILBER BERRY, professor of paleontology in the Johns Hopkins University, has been appointed dean and provost in succession to Dr. Joseph S. Ames, whose election to the presidency was announced last week.

YALE UNIVERSITY has conferred the degree of doctor of science on Dr. Arthur Holly Compton, professor of physics at the University of Chicago, and on Dr. William Hallock Park, professor of bacteriology and hygiene in the University and Bellevue Medical College of New York University. The doctorate of laws was conferred on William Henry Carmalt, a member of the faculty of the Yale School of Medicine from 1876 to 1907. Richard Thornton Fisher, director of the forest school of Yale University, was made master of science.

DEGREES conferred by New York University include the doctorate of laws on Dr. Robert A. Millikan, director of the Norman Bridge Laboratory of Physics of the California Institute of Technology; the doctorate of science on Dr. William H. Wilmer, director of the Wilmer Ophthalmological Institute of the Johns Hopkins University, and the doctorate of commercial science on Mr. James H. McGraw, the publisher.

DR. WILLIAM T. BOVIE, professor of biophysics at Northwestern University, has received the honorary degree of doctor of science from Albion College. President John L. Seaton, in conferring the degree, characterized Dr. Bovie as "a brilliant teacher of biophysics and a leader in scientific research, a recognized authority on the therapeutic effects of light, and an inventor of electrical instruments destined to revolutionize the practice of surgery."

DR. KIRTLEY F. MATHER, professor of geology and chairman of the department, Harvard University, received the honorary degree of doctor of science from his alma mater at the ninety-eighth annual commencement of Denison University. Dr. Mather was commencement speaker, his topic being "The Quest Eternal."

THE doctorate of laws was recently conferred on Dr. E. W. Allen, chief of the office of experiment stations, U. S. Department of Agriculture, by the University of Missouri. Dr. Allen has for many years had charge of the administration of the federal laws (Hatch, Adams and Purnell Acts) providing for agricultural research at the state agricultural experiment stations and of the activities of the office of experiment stations in promoting such research.

DR. ELLERY H. HARVEY, director of the laboratories of Montgomery Ward and Company, Chicago, had conferred upon him on June 12 by Bucknell University the degree of chemical engineer.

HONORARY doctorates were conferred at the fifty-fifth commencement of Purdue University on Harry T. Cory, of Hermosa Beach, California, hydraulic engineer; on Professor George Spitzer, chemist, a member of the dairy department of the Purdue Agricultural Experiment Station, and on Professor Harold B. Smith, of the Worcester Polytechnic Institute.

PROFESSOR JAMES H. BREASTED, of the University of Chicago, was awarded the Rosenberger medal at the university's one hundred and fifty-fifth convocation. The medal is given annually to the person connected with the university who has performed the greatest service "through research, in authorship, in invention, for discovery, for unusual public service or for anything deemed of great benefit to humanity."

Nature reports that the Linnean Society of London held its anniversary meeting at Burlington House on May 24, under the presidency of Sir Sidney F. Harmer. The following were elected officers of the society for 1929-30: *President*, Sir Sidney F. Harmer; *Treasurer*, Mr. H. W. Monckton; *Zoological Secretary*, Dr. G. P. Bidder; *Botanical Secretary*, Mr. J. Ramsbottom. The Linnean gold medal for 1928-29 was handed to Dr. J. B. Hubrecht, counsellor of the Netherlands Legation and son of the famous zoologist, for conveyance to Professor Hugo de Vries, to whom the medal had been awarded in recognition of his great contributions to the advancement of botanical science. In presenting the medal, the president, Sir Sidney Harmer, paid tribute to the influence de Vries has had on biological thought since his thesis in 1870, particularly by his work on osmotic pressure, his theory of intracellular pangenesis and his long series of studies on experimental evolution.

DR. J. J. PFIFFNER, chemist, formerly of Parke, Davis and Company, has been appointed to the resident staff of The Biological Laboratory of the Long Island Biological Association at Cold Spring Harbor. For the present he will collaborate with Dr. W. W. Swingle, of the Biological Laboratory and of Princeton University, and with Dr. R. G. Harris, director of the Biological Laboratory.

DR. JAMES G. MCALPINE, for the last five years bacteriologist of the experiment station at Connecticut Agricultural College, has resigned.

DR. ELLICE McDONALD, of the University of Pennsylvania, has been appointed secretary of the local section officers of the American Chemical Society.

He is in charge of coordination of programs of the seventy-eight sections of this society and has the arrangements to make for lecturers who are planning to tour. The first tour will be that of the president of the society, Dr. Irving Langmuir, in October. Those desirous of giving lectures before the sections of the American Chemical Society should communicate with Dr. McDonald, 133 South Thirty-Sixth Street, Philadelphia, Pa.

JOSEPH C. GILMAN, associate professor of botany in the Iowa State College, has been appointed secretary of the Iowa Academy of Science to replace Professor P. S. Helmick, Drake University, who has resigned.

AFTER July 1 all manuscripts intended for *The Anatomical Record* should be sent to the editor, Dr. Edward A. Boyden, department of anatomy, School of Medicine, University, Alabama.

THE *Journal* of the American Medical Association reports that Professor Richard M. Pearce, general director of the division of medical education of the Rockefeller Foundation, has arrived in Tokyo where he will stay for more than a year and will lecture on biology at the medical college of Keio University, Tokyo. A special laboratory has been given him in the new building of the institute of medical zoology and preventive medicine. A large part of the new buildings were recently erected from funds contributed by the Rockefeller Foundation.

ARTHUR DAVIS, for twenty years chief engineer and director of the U. S. Reclamation Service, arrived in Moscow on June 13. He has been invited by the Soviet Union to act for two years as chief consultant engineer, to take charge of all irrigation in middle Asia, which is the most important economic region, as cotton plantations are concentrated there.

DR. THOMAS S. BAKER, president of the Carnegie Institute of Technology, sailed for Europe on June 13 to consult scientific men in Europe in regard to developments at the institute. One of his objects is to establish at the institute a coal research laboratory.

DR. ALEŠ HRDLÍČKA has left Washington for the summer to conduct his second expedition to Alaska, taking with him as assistant Dr. Maly, of Prague.

DR. JAMES BATCHELLER SUMNER, who has been made professor of biological chemistry at the Ithaca division of the Cornell Medical School, has been granted leave of absence for the first term of 1929-30 and will leave for Stockholm in June to spend the time in the laboratory of Professor Hans von Euler.

DR. LUCIANA JACQUES DE MORAES, mining geologist of the Brazilian Geological Survey, is visiting the

United States. During August he plans to join Dr. Resser in Montana to study the Pre-Cambrian rocks and the recent Algae deposits.

DR. F. A. E. CREW, lecturer on animal genetics and director of the animal breeding research department of the University of Edinburgh, has sailed from Southampton to attend the annual conference of the Canadian Society of Technical Agriculturists. He will address the conference at Winnipeg.

DR. PHILIP A. SCHAEFER, professor of biological chemistry, of Washington University School of Medicine, addressed the St. Louis University Sigma Xi Club on May 22, on "Some Biological Aspects of Oxidation."

DR. FREDERICK GEORGE DONNAN, professor of general chemistry at University College, London, gave the commencement address at the Johns Hopkins University. He spoke on the relation of chemistry to modern life.

DR. CONWAY MACMILLAN, formerly head of the department of botany of the University of Minnesota and state botanist of Minnesota, died at Minneapolis on June 5 at the age of sixty-two years.

THE death is announced at the age of seventy-eight years of Thomas Nesmith Brown, an entomologist and horticulturist of Uniontown, Pennsylvania. During more than forty years Mr. Brown built up a large private collection of insects, becoming known through correspondence and exchange to coleopterists and lepidopterists in many parts of the world. He was a member of the American Association for the Advancement of Science.

AN Associated Press despatch states that permission for Dr. Roy Chapman Andrews to conduct another expedition into the Gobi desert region of China and for the shipment to the United States of the collection of fossils and other objects collected in his 1928 expedition will be given by the Chinese government. Dr. C. C. Wu, Chinese minister at Washington, has made public the decision of the Chinese government after the question had been discussed with him by Henry L. Stimson, Secretary of State, at the request of Dr. H. Fairfield Osborn, president of the American Museum of Natural History in New York City, under whose auspices the Andrews expeditions have been conducted. At the same time, in order to promote research knowledge, the Chinese government has given orders that some 35 cases of fossils, collected during the 1928 expedition and which have been held up in China, be allowed to be shipped to New York.

THE Boyce Thompson Institute for Plant Research at Yonkers, New York, which was completed and dedi-

cated in the fall of 1924, is to put up new buildings costing about \$400,000, more than doubling the total space of the present laboratories. This will give adequate space to increase the present scientific staff from thirty-seven to sixty members and is being done to meet the actual growth of the institute's work. The excavations will start on September 1. The overcrowding of the laboratories has been partly due to the development of research projects financed by outside organizations or individuals. An important addition to the scientific staff followed a recent grant of \$20,000 a year for five years from the Frasci Fund for Research in Agricultural Chemistry. Outside problems have been undertaken for other firms and individuals but many investigations asked for have been refused for lack of laboratory space. Such a building, situated in the midst of about 700 acres of land devoted to an arboretum, experimental fields and greenhouses, occupying in all 400 acres, is expected to take care of the growth of the institute for a number of years to come.

GROUND was broken on June 16 for the new buildings of the New York Hospital-Cornell Medical College Association's new buildings at York Avenue and East Sixty-ninth Street. The site of the new medical center includes the property from Sixty-eighth to Seventy-first Streets between York Avenue and Exterior Street and is just north of the Rockefeller Institute for Medical Research. Mr. Edward W. Sheldon, president of the board of governors of New York Hospital, turned the first spadeful of earth.

THE *Journal* of the American Medical Association reports that in a statement to the board of managers and medical staff of the Presbyterian Hospital, Dr. Arthur Dean Bevan, chairman of the department of surgery, reviewed the close relation which has long existed between Rush Medical College, the Presbyterian Hospital and the University of Chicago, as well as the great service which these institutions have rendered in the care of the sick and the training of physicians. The future will bring a greater opportunity, but to meet the demands, Dr. Bevan believes that there should be additions to the plant and a reorganization of the various medical, surgical and special departments of the Presbyterian Hospital and the medical school of the university. Among the additions which were considered necessary are a clinic building, a hospital for children and orthopedic patients, a maternity pavilion, a larger power plant and nurses' home, increased dispensary facilities and a remodeling of the laboratory building at Rush, all of which, it is estimated, would require at least \$5,000,000. As evidence of their faith in the future of these institutions, Dr. and Mrs. Bevan have offered to create, if such improvements are undertaken, an irre-

vocable trust of \$1,000,000 to be devoted to this medical service and medical education.

WE learn from the London *Times* that a delegation of professors of the faculty of science of the University of Geneva on May 29 deposited a wreath on the tomb of Sir Humphry Davy, who died in Geneva on May 29, 1829, fifteen hours after his arrival from Rome. He was buried in the Plainpalais cemetery, where the town granted a free burial place for ninety-nine years. The concession was renewed some years ago by the Royal Society until 1965. Lady Davy expressed her gratitude in a letter which presented the university with a sum which has made it possible ever since to award the Davy prize each year for the best study by students of the university in physics, chemistry, mineralogy, botany or geology.

A BRONZE portrait bust of the late Sir Clifford Allbutt, Regius professor of physics at the University of Cambridge from 1892 to 1925, was unveiled by Sir James Crichton-Browne, in the Allbutt Library of the medical school, on May 18. Lady Allbutt, the donor of the portrait, was at the ceremony. The Allbutt Library occupies the room formerly known as the Kanthack Library, which has been removed to the new pathological department.

JOHN D. ROCKEFELLER, JR., has presented to the trustees of the Mount Desert Island Biological Laboratory the Karst property opposite the laboratory dining hall at Salisbury Cove. The house will be occupied this summer by the family of Dr. E. K. Marshall, Jr., professor of physiology in the Johns Hopkins University.

THE Association to Aid Scientific Research by Women announces its continued support of the American Woman's Table at the Zoological Station at Naples for the years 1929-1930 and 1930-1931. Applications for the use of the table must be made to the secretary of the Association, Mrs. Samuel F. Clarke, Williamstown, Massachusetts. There is no required limit of occupancy, but it is always hoped that a worker can arrange to stay for three months. No financial help is given—merely the opportunity to occupy a research room; but the American Woman's Table is fully equipped with apparatus so that none need be carried by the student. Since no instruction is given the table is only awarded to those who are ready to carry on independent investigation, and preferably to those who have a definite piece of work in mind which can best be carried on by the facilities offered at Naples. The American Woman's Table was first supported in 1898 on the suggestion of Dr. Ida Hyde, one of the first American women to study there, and as a courtesy to Dr. Dohrn on the twenty-fifth anniversary of the opening of the laboratory. With

the exception of one war year, and a few years at a later period during reorganization of the support of the station, the table has been continuously maintained by the Association to Aid Scientific Research by Women.

THE response to the preliminary announcement issued in connection with the fourth World Poultry Congress, which is to be held at the Crystal Palace in July, 1930, has been, according to the London *Times*, so substantial that the accommodation will be severely taxed. The international response has been exceptionally gratifying, and, though it is not possible at present to state the number of countries that will participate, it is clear that the event will attract a great many visitors. Active preparations are being made in Canada and in the United States, as has already been stated; and in France, Holland and Germany national committees have been set up. The Irish Free State Minister of Agriculture has appointed a committee to advise the Department of Agriculture with regard to that country's representation at the congress, and particulars can be obtained by intending exhibitors from the secretary, World Poultry Congress Committee, Department of Agriculture, Government Buildings, Dublin. The British national exhibit will be planned under the guidance of the Department of Overseas Trade.

UNIVERSITY AND EDUCATIONAL NOTES

COLONEL ROBERT W. STEWART, of Chicago, former chairman of the board of directors of the Standard Oil Company of Indiana, has given \$200,000 to Coe College for a memorial library in honor of his father and mother.

DR. ROBERT G. SPROUL, vice-president and controller of the University of California, has been elected president to succeed Dr. W. W. Campbell, who will retire on July 1.

DR. KATHARINE BLUNT, professor of food chemistry at the University of Chicago, has been appointed president of the Connecticut College for Women at New London.

DR. LEWIS H. WEED has retired as dean of the faculty of medicine of the Johns Hopkins University. He will remain head of the department of anatomy.

DR. RICHARD G. TYLER, of the Massachusetts Institute of Technology, has been appointed professor of sanitary engineering and dean of the college of engineering at the University of Washington.

FREDERICK V. LOFGREN, instructor in the college of pharmacy at the University of Washington, has ac-