

- Dr. George Ellett Coghill, professor of comparative anatomy and member of the Wistar Institute of Anatomy, Philadelphia.
- Dr. James Bryant Conant, president of Harvard University.
- Dr. Harvey N. Davis, president of Stevens Institute of Technology.
- Frederic Adrian Delano, Washington, D. C.
- Dr. Harold Willis Dodds, president of Princeton University.
- Dr. Franklin Edgerton, Salisbury professor of Sanskrit and comparative philology, Yale University.
- Dr. Frank Albert Fetter, professor of political economy, Princeton University.
- Dr. Dixon Ryan Fox, president of Union College, Schenectady.
- Dr. Yandell Henderson, professor of applied psychology, Yale University.
- Dr. Karl Landsteiner, member of The Rockefeller Institute for Medical Research.
- Professor Charles Edward Merriam, chairman of the department of political science, University of Chicago.
- Dr. George Richards Minot, clinical professor of medicine at the Harvard Medical School and director of the Thorndike Memorial Laboratory.
- Dr. Eugene Gladstone O'Neill, playwright, Sea Island, Georgia.
- Dr. Frederick Leslie Ransome, professor of economic geology, California Institute of Technology.
- Dr. Alfred Newton Richards, professor of pharmacology, University of Pennsylvania.
- Dr. F. K. Richtmyer, professor of physics and dean of the Graduate School, Cornell University.
- Dr. Harold Clayton Urey, professor of chemistry, Columbia University.
- Dr. Hermann Weyl, professor of mathematics, Institute for Advanced Study, Princeton, N. J.
- Dr. William Hammond Wright, astronomer, Lick Observatory.

*Foreign resident:*

- Dr. Arthur Berriedale Keith, Regius professor of Sanskrit and comparative philology, University of Edinburgh.

Dr. Roland S. Morris, of Philadelphia, was reelected president and Dr. Henry H. Donaldson, member of the Wistar Institute of Anatomy, was elected a vice-president. Vice-presidents reelected were Dr. Edwin G. Conklin, of Princeton University, and Dr. Robert A. Millikan, of the California Institute of Technology. Dr. William E. Lingelbach, professor of modern and European history at the University of Pennsylvania, was elected secretary, and Professor John A. Miller, of Swarthmore College, was reelected. Dr. Albert P.

Brubaker is curator. Four councillors were elected to serve for three years. These are Dr. Frank Aydelotte, president of Swarthmore College; Dr. Isaiah Bowman, director of the American Geographical Society and president-elect of the Johns Hopkins University; Gustavus W. Cook; Dr. Harlow Shapley, director of the Harvard College Observatory, and to fill an unexpired term of two years, Dr. William Trelease, emeritus professor of botany, University of Illinois.

### RECENT DEATHS

DR. JOHN LIVINGSTON RUTGERS MORGAN, since 1905 professor of physical chemistry at Columbia University, died on April 12. He was sixty-two years old.

LIEUTENANT-COLONEL FIELDING HUDSON GARRISON, U.S.A. (retired), librarian of the Welch Medical Library at the Johns Hopkins University since 1930, died on April 18, at the age of sixty-four years.

JOSEPH EDWARD GUTHRIE, professor of zoology at the Iowa State College, died suddenly on April 16. He was sixty-three years old.

THE death is announced on April 20 at the age of forty-seven years of Dr. Jesse Erwin Day, professor of chemistry at the Ohio State University.

DR. RUDOLPH MELVILLE HUNTER died on March 19. He was a member of the American Institute of Electrical Engineers and of the American Association for the Advancement of Science. He was also a foundation member of the Société Française des Electriciens, Paris. A correspondent writes: Mr. Hunter was a widely known inventor and patent expert and counsel for many companies, among which were the General Electric Company, the Victor Talking Machine Company, the Westinghouse Company and the Dentists' Supply Company of New York.

WILLIAM RICHARD HODGKINSON, who retired in 1918 after serving for thirty-one years as professor of chemistry and metallurgy at the Military College of Science, Woolwich, England, died suddenly on April 8, in his eighty-fourth year.

*Nature* records the death of Dr. Shepherd Dawson, principal lecturer in psychology, logic and ethics in Jordanhill Training College, Glasgow, known for his work on vision and statistical problems in psychology, on March 26, and on March 14 of Professor A. Hantzsch, formerly professor of chemistry in the University of Leipzig.

## SCIENTIFIC NOTES AND NEWS

THE Franklin Medal and the sum of \$1,000, representing the income from the Franklin Medal Fund of the Franklin Institute of Philadelphia, have been

awarded to Dr. Albert Einstein, of the Institute for Advanced Study at Princeton, and to Sir John Ambrose Fleming, consulting electrical engineer, En-

gland. Dr. Einstein is expected to deliver the principal address at the Medal Day exercises on May 15.

PROFESSOR DOUGLAS JOHNSON, of Columbia University, has been awarded the Jovan Cvijic Medal of the Geographical Society of Belgrade, in recognition of his contributions to geography.

THE Royal Geographical Society, London, has awarded Royal Medals as follows: Founder's Medal, Major R. A. Bagnold, for his journeys in the Libyan Desert; Patron's Medal, W. Riekmer Riekmers, for his long-continued travels in the Caucasus and Russian Turkistan, culminating in his leadership of the Alai-Pamir Russo-German Expedition of 1928; the Victoria Medal has been awarded to E. J. Wayland for his work on the Quaternary geology of Uganda and the Rift, and its relation to man.

THE Rivers Medal for 1934 of the Royal Anthropological Institute of Great Britain and Ireland was presented on April 9 to Miss Caton Thompson for her "field work in Egypt, the Libyan Desert, and Rhodesia, characterized by wide knowledge, sound judgment and insight." Before the presentation of the medal Miss Caton Thompson delivered the Rivers Lecture, which was entitled "A Revision of Recent Research upon Some Stone-Age Problems in North Africa."

At a special meeting of the National Academy of Sciences of Mexico, Dr. Wallace W. Atwood, president of Clark University, was elected to honorary membership in the society, and presented with a special gold medal. Dr. Atwood was in Mexico on behalf of the Pan American Institute of Geography and History, and which is planning to hold an international congress in Washington, D. C., before the close of the year 1935.

DR. GEORGE SARTON, editor of *Isis*, was elected unanimously a corresponding member of the Academia de la Historia of Madrid on March 29.

DR. HOWARD T. KARSNER, professor of pathology at the University of North Carolina, has been elected a member of the Society of Chemical Industry, London.

DR. HOWARD T. KARSNER, professor of pathology at Western Reserve University, has been elected to membership in the French Association for the Study of Cancer.

THE honorary degree of doctor of science will be conferred by the University of Manchester on May 5 on Dr. Alfred C. Haddon, who before his retirement in 1909 was for many years lecturer in ethnology at the University of Cambridge.

THE University of St. Andrews will confer the doctorate of laws on Professor C. H. Browning, Gardiner

professor of bacteriology at the University of Glasgow; on Professor A. H. Gibson, Beyer professor of engineering and director of the Whitworth Laboratories at the Victoria University of Manchester, and on Sir John Boyd Orr, director of the Rowett Institute, Aberdeen.

DR. JAMES BRYANT CONANT, president of Harvard University, was the guest of honor at the installation of a chapter of Sigma Xi at Wesleyan University on April 25. Professor George Howard Parker, of Harvard University, national president, and Professor Edward Ellery, of Union College, national secretary, were the installing officers. Delegates from Sigma Xi chapters of thirteen colleges attended the installation ceremonies.

DR. JAMES B. BULLITT, professor of pathology at the University of North Carolina, was recently elected president of the university chapter of the American Association of University Professors.

G. F. WEBER, plant pathologist of the Florida Agricultural Experiment Station, has been elected president of the southern division of the American Phytopathological Association, and Dr. O. C. Bryan, professor of agronomy at the University of Florida, has been elected presiding officer of the section of agronomy.

DR. JAMES FRANCK, formerly professor of physics at the University of Göttingen, has been appointed visiting lecturer in physics for the 1935 summer session at Cornell University where, during the six weeks period from July 8 to August 16, he will give courses dealing with atomic and molecular physics. Professor Franck will also participate in the Symposium on Ionic Physics that will be held on July 4, 5 and 6 and which, with the cooperation of the summer session, is being arranged by the department of physics.

PROFESSOR G. E. UHLENBECK, of Leiden, who, since 1927, has been at the University of Michigan, has been appointed professor of theoretical physics and mechanics at the University of Utrecht. He succeeds Professor H. A. Kramers, who has been called to the University of Leiden. Professor Uhlenbeck will enter upon his new work with an inaugural address to be delivered in October.

EDWARD L. MORELAND has been appointed to succeed Professor Dugald C. Jackson, who will retire in June as head of the department of electrical engineering at the Massachusetts Institute of Technology.

DR. JOHN A. MCGEOCH, professor of psychology and chairman of the department at the University of Missouri, has been appointed professor of psychology at Wesleyan University. The Wesleyan laboratory

will be enlarged and general research facilities will be increased.

DR. CORNELIUS S. HAGERTY, resident pathologist in the Presbyterian Hospital in Chicago, has been appointed assistant professor of bacteriology and pathology in the School of Medicine of the University of Alabama.

DR. BASIL CLARENDON MACLEAN, superintendent of Touro Infirmary, New Orleans, has been appointed director of the Strong Memorial Hospital, which is connected with the University of Rochester. He succeeds Dr. Nathaniel W. Faxon, who resigned in February to accept the post of director of the Massachusetts General Hospital.

DR. CARLETON R. BALL, research associate in the Bureau of Public Administration of the University of California, has been named executive secretary of the Advisory Council for the Federal Government in the project to develop the economic and social resources of the Tennessee Valley. The Advisory Council concerns itself with all phases of the Tennessee Valley development, which is a program of rural rehabilitation and power generation and distribution. Apart from the Tennessee Valley authority, the administrative unit, the project is being participated in by a number of federal, state and local agencies, ranging from erosion control to wild life preservation.

BRUCE A. ROGERS, of the Bureau of Standards, has become a member of the technical staff of the Battelle Memorial Institute, Columbus, Ohio, where he will be senior metallurgist on a new program of research work relating to the automotive industry.

A RECENT note in *SCIENCE* reported erroneously that Dr. Joseph Tannenberg, of the University of Frankfurt, had been appointed for the period of one year director of the Bender Hygienic Laboratory at Albany, New York. Dr. Tannenberg's official title is director of research. Dr. John J. Clemmer, who went to Albany as associate director in 1933, is director of the laboratory, having succeeded Dr. Arthur W. Wright in May, 1934.

DR. PHILIP FOX, director of the Adler Planetarium, Chicago, left on April 15 for the Griffith Observatory and Hall of Science at Los Angeles, where he will serve as guest director for the next two months. Miss Maude Bennot, assistant director of the Adler Planetarium, will be in charge during Dr. Fox's absence. Dr. F. R. Moulton and Professor H. S. Everett, of the University of Chicago, will be lecturers for the period.

THE Edgar Fahs Smith memorial lecture of the University of Pennsylvania will be delivered by Dr. Colin G. Fink, head of the division of electrochem-

istry of Columbia University, on May 23, at 8:15 P. M. The subject of the lecture will be "Electrochemistry's Debt to Edgar Fahs Smith."

THE eighth lecture of the Harvey Society will be given on May 16 at the New York Academy of Medicine by Dr. John H. Northrop, member of the Rockefeller Institute for Medical Research, Princeton, N. J., on "The Isolation and Properties of Crystalline Pepsin and Trypsin."

PROFESSOR FRANCIS E. LLOYD, of McGill University, gave a lecture on "Carnivorous Plants," illustrated with motion pictures, before the department of botany of Columbia University on April 17.

AT a stated meeting of the Franklin Institute on April 17 Dr. W. F. G. Swann, director of the Bartol Research Laboratories, gave a report on the work of the foundation.

DR. EDWIN B. FROST, emeritus director of the Yerkes Observatory, gave addresses on April 9 and 10 at Berea College. His subjects were "Novae" and "Living in our Universe." Dr. Robert A. Millikan spoke on April 15 on "The Social Significance of Science."

DR. PASTEUR VALLERY-RADOT, a grandson of Pasteur, professeur agrégé in the faculty of medicine at the University of Paris, lectured at the Johns Hopkins Hospital on April 25 on the "The Links between Pasteur's Discoveries" and on "Experimental and Human Anaphylaxis" on April 26.

THE American Association of Physical Anthropologists is meeting on April 25, 26 and 27 at the Wistar Institute of Anatomy and Biology.

A SUMMER meeting of the Botanical Society of America will be held at Minneapolis from June 24 to 28, 1935, in conjunction with the summer meeting of the American Association for the Advancement of Science. The program is being arranged by a committee headed by Professor C. O. Rosendahl, chairman of the department of botany of the University of Minnesota. The program will consist of invitation papers and a discussion on Tuesday morning, June 25, followed by a field trip in the afternoon and a dinner or smoker in the evening. On Wednesday, June 26, an all-day trip to the Bunker Prairie region will be followed by round-table discussions in the evening. For Thursday and Friday a two-day trip to the Cloquet-Duluth region by automobile is being arranged.

THE New York Geographical Association held its first meeting at Syracuse University on April 13. Nine papers were presented during the morning, several of which dealt with land use. A field trip studying

urban morphology occupied the afternoon, and in the evening there was a banquet followed by an address on "The Habitat of the Old Mayan Empire" by President Wallace W. Atwood, of Clark University. About fifty geographers were present from up-state New York. They organized informally by electing Dr. George B. Cressey, of Syracuse, as chairman and Miss Melvina Svec, of Buffalo, as secretary. The next meeting will be held a year hence at Syracuse University.

CIRCULARS recently sent out by the organizing committee, of which Professor Ignacio Bolivar is chairman, state that the sixth International Congress of Entomology is to be held from September 6 to 12 in Madrid. The Spanish government has issued invitation to foreign countries with the hope that official delegates will be sent. Entomologists who expect to attend and who have not received registration blanks should address Professor C. Bolivar y Peltain, Museo Nacional de Ciencias Naturales, Madrid 6, Spain. It will be noted that the date of the twelfth International Congress of Zoology, which is to be held in Lisbon, Portugal, is so timed that it will permit attendance at both congresses.

*Nature* announces that the twelfth International Congress of Zoology will be held at Lisbon from September 15 to 21 under the presidency of Professor A. Ricardo Jorge, professor in the Faculty of Sciences in the University of Lisbon and director of the Zoological and Anthropological Department of the National Museum of Natural History. Among social events proposed are receptions by the President of the Republic, by other ministers, by the rector of the university and by the municipality of Lisbon; and various excursions, including one to Madeira and the Azores to take place after the congress, are contemplated. Zoologists desiring to take part in the congress are requested to communicate with the president, Professor Arthur Ricardo Jorge, director, Zoological and Anthropological Department, National Museum of Natural History, Lisbon, Portugal, from whom particulars can be obtained.

THE eleventh annual meeting of the New York State Geological Association will be held in Utica, N. Y., on May 10 and 11, under the leadership of the department of geology of Hamilton College. The field trips will be mainly concerned with the geology of the Mohawk valley and adjacent areas. The trip on Friday, May 10, has been planned to show the following features: Ilion and Frankfort gorges, stratigraphy and glacial lake outlets; geomorphology of the Mohawk valley at Little Falls; Pre-Cambrian rocks and Paleozoic stratigraphy in the vicinity of Little Falls; Inghams Mills and Dolgeville; structural geol-

ogy of the areas around Little Falls, Dolgeville and Manheim. On Saturday, May 11, the group will travel from Utica to Trenton Falls to study the stratigraphy of the Trenton together with the glacial and post-glacial features of this section of the Mohawk valley. The annual banquet of the association will be held at the Hotel Utica at 7:00 p. m., on May 10. The field trips and meetings are open to any one interested in the geology of this section. Additional information regarding the trips will be sent on request.

FIRST reports of the Cornell-American Museum Ornithological Expedition have been received from Dr. A. A. Allen, of Cornell University, head of the expedition. The first stop, at Thomasville, Georgia, resulted in the recording of limpkins and anhingas as well as wild turkeys and fish hawks of the vicinity. In Florida headquarters were established at Winter Park and trips made into the Kissimmee Prairie where sound and motion pictures of the now rare sandhill crane were secured, and also valuable material on Audubon's caracara, the wood ibis, the American egret, the bald eagle and many more common species. Dr. Allen and A. R. Brand made a trip to the Gulf Coast where they secured film of pelicans, cormorants and various species of gulls and shorebirds. One of the main objectives of the expedition is to find the ivory-billed woodpecker, which is now very near extinction.

A SURVEY in Puerto Rico "for the purpose of developing and establishing measures for soil erosion" will be undertaken with an allotment of \$42,000 for that purpose from the sugar processing tax funds from that area. The survey, which is to be in charge of the Bureau of Chemistry and Soils of the United States Department of Agriculture, has been recommended by the Puerto Rico Policy Committee.

APPROVAL of the purchase of 696,000 acres for national forest reservations has been announced by Secretary Dern as president of the National Forest Reservation Commission. More than \$2,998,000 is involved. In New England the buying of nearly 49,000 acres was approved. Forty-eight thousand four hundred and eighty-six acres were acquired in Rutland, Windsor, Addison and Washington Counties, Vt., to be added to the Green Mountain National Forest; 198 acres will be added to the White Mountain Forest in New Hampshire. More than 210,000 acres were bought for national forests in the Appalachian region in Pennsylvania, Virginia, West Virginia, the Carolinas, Kentucky and Tennessee. The lands, on which options already have been taken, will be put immediately under Forest Service protection and management. Part of the work will be done by CCC units.