

pathology and bacteriology, has accepted a position as assistant professor in preventive medicine at the Harvard Medical School.

Dr. Raymond G. Hussey, hitherto an associate in bio-physics, has accepted a position as assistant professor in pathology in Cornell University Medical College.

Dr. Robert L. Levy, hitherto an associate in the department of the hospital, has accepted a position as associate in medicine at the College of Physicians and Surgeons, Columbia University, and assistant visiting physician at the Presbyterian Hospital.

Dr. Edgar Stillman, hitherto an associate in the department of the hospital, has accepted a position as associate in medicine at the College of Physicians and Surgeons, Columbia University, and assistant visiting physician at the Presbyterian Hospital.

Dr. Goronwy O. Broun, hitherto an assistant in pathology and bacteriology, has accepted a position as assistant in the Thorndyke Laboratory, Boston, Mass., and assistant resident physician at the Boston City Hospital.

### SCIENTIFIC NOTES AND NEWS

ALFRED GOLDSBOROUGH MAYOR, director of the department of marine biology of the Carnegie Institution, died on June 25, at Key West, Fla., aged fifty-four years.

PRINCE ALBERT DE MONACO, distinguished for his oceanographic studies, died in Paris on June 27, at the age of seventy-four years.

DR. F. G. COTTRELL has been appointed director of the Fixed Nitrogen Research Laboratory. He succeeds Dr. Richard C. Tolman, who goes, as has been already announced, to the California Institute of Technology.

THE Albert Medal of the Royal Society of Arts for 1922 has been awarded by the council to Sir Dugald Clerk, in recognition of his important contributions, both theoretical and practical, to the development of the internal combustion engine.

THE John Fritz medal has been presented by the board representing the leading engineering societies to Senator Guglielmo Marconi. The medal is presented for achievement in applied science as a memorial to John Fritz, who was the first recipient. Other recipients of the

medal have been Lord Kelvin, George Westinghouse, Alexander Graham Bell, Thomas Alva Edison, Charles T. Porter, Alfred Noble, Sir William Henry White, Robert W. Hunt, John Edison Sweet, James Douglas, Elihu Thomson, Henry Marion Howe, J. Waldo Smith, George W. Goethals and Orville Wright.

JOHN LYLE HARRINGTON of Kansas City, Mo., has been nominated as president of the American Society of Mechanical Engineers, succeeding Dean Dexter S. Kimball, formerly of the Cornell University College of Engineering. The newly nominated vice presidents of the society are: W. S. Finlay, vice president of the American Water Works and Electric Company, New York; William H. Kenerson, professor of mechanical engineering, Brown University; Earl F. Scott, Atlanta, Ga.; H. H. Vaughan, Montreal.

ON June 4, at the special invitation of the governors and the medical school, Professor Harvey Cushing took over the directorship of the surgical unit of St. Bartholomew's Hospital and replaced the director, Mr. Gask for ten days. The compliment was, as it were, a return for a like compliment paid to Mr. Gask last year, when he acted as temporary chief of the Peter Brigham Bent Hospital, Boston, to which Dr. Harvey Cushing as professor of surgery at Harvard is surgeon.

THE honorary degree of Doctor of Laws was conferred by Wesleyan University on June 19 on Dr. John Campbell Merriam, president of the Carnegie Institution of Washington.

AMHERST COLLEGE at the recent commencement conferred the degree of doctor of science on Dr. Walter W. Palmer, a graduate in the class of 1905, professor of medicine in Columbia University.

MR. GEORGE ROCKWELL PUTNAM, commissioner of lighthouses, U. S. Lighthouse Service, received the honorary degree of doctor of science at the fiftieth commencement of Stevens Institute of Technology.

A LARGE meeting was held at the Sorbonne on June 14 to do honor to M. Camille Flammarion, the astronomer, who celebrated his eightieth birthday. M. Paul Painlevé, of the Institute,

lectured on "Man and the signs of the heavens." M. C. E. Guillaume followed on "The work of Flammarion." Distinguished artists of the Comédie Française read extracts from Flammarion's works, and astronomical photographs were thrown on the screen.

PROFESSOR HERBERT F. MOORE, professor of engineering materials at the University of Illinois, received the degree of doctor of science at the commencement of the New Hampshire College.

THE following geographers were elected honorary members of the Hungarian Geographical Society at its fiftieth anniversary meeting in Budapest in May, 1922: MM. de Margerie (Paris), Mackinder (Oxford), Hellmann (Berlin), Beltran y Rozpide (Madrid), Machatschek (Prague), Marinelli (Florence), Lawrence Martin (Washington), and the presidents of the Spanish and Italian geographical societies.

DR. WILLIAM LIBBEY, professor of physical geography at Princeton University, and M. S. S. Smith, professor of civil engineering, have retired with the title of professor emeritus.

DR. JOHN LORENZO HEFFRON resigned as dean of the Syracuse University School of Medicine on June 15. This resignation terminates the connection which Dr. Heffron has held with the teaching staff of the medical school for forty years, during fifteen of which he has served as dean. Dr. Heffron was made dean emeritus.

MR. HUBERT VICKERY, Ph.D. (Yale '22), has been appointed research assistant in biochemistry in the laboratory of Dr. Thomas B. Osborne, Connecticut Agricultural Experiment Station, New Haven.

PROFESSOR T. H. GOODSPEED, of the University of California, is at present working at the University of Oxford, and will spend the latter part of the summer at the John Innes Horticultural Institution at Merton, Surrey.

DR. WALTER L. BIERRING, Des Moines, sailed for Scotland on June 27, to attend the ceremony of his election as an honorary member of the Royal College of Physicians, Edinburgh.

PROFESSOR ADOLPH E. WALLER of the Ohio

State University, will devote the current season to the further study of economic botany in Europe, later returning to America via England in time to attend the annual meeting of the British Association.

MR. FRANK C. BAKER, curator of the Museum of Natural History, University of Illinois, will spend the summer in Wisconsin, continuing his study of the molluscan fauna of that state for the Geological and Natural History Survey.

THE twelfth season for the Laguna Marine Laboratory of Pomona College began on June 21. The summer school will last six weeks. There are the usual courses in zoology and marine biology, with eight private rooms for investigators. As in the past ten years the work is under the charge of Dr. W. A. Hilton.

THE new plant breeding station and chemical laboratories established in connection with the agricultural department of the University College of Wales, Aberystwyth, were formally opened on May 20. The station has been made possible by the endowment provided by Sir Laurence Philipps, who, in addition, will for ten years contribute a substantial sum towards the annual cost of the farm of ninety-two acres.

As reported in the *Journal* of the American Medical Association, the new laboratory building, erected by the Harvard Cancer Commission for the study of cancer and biophysics in Boston, was opened recently with appropriate exercises, in the amphitheater of the Harvard Medical School. This building adjoins the Huntingdon Memorial Hospital and will be known as the John Collins Warren Laboratory, in recognition of the services rendered to the university by Dr. Warren, former chairman of the cancer commission. In the basement of the new building a vault for the storage of the commission's radium is provided, together with the necessary pumps and apparatus for collecting and purifying the gaseous emanation from the radium solution. The first floor contains the reception and examination rooms for outpatients, together with the Roentgen ray laboratory for Professor Duane. Free diagnosis service will be maintained by the State Department of Health, under the supervision of Dr.

James H. Wright. Material removed at surgical operations can be sent to the laboratory by any registered physician in Massachusetts, and a pathologic examination of the tissue will be made, with a report as to its nature, and returned without expense to the physician or his patient. Dr. Henry P. Wolcott, chairman of the cancer commission, and Dean David L. Edsall, of the Harvard Medical School, who was the presiding officer, gave addresses at the ceremony.

WE learn from *Nature* that a prize of \$5,000 is offered by Mr. Frank J. D. Barnjum of Montreal for a practical method of combating and suppressing the spruce bud worm, bark beetle and borer, which have caused such tremendous damage in the forests of Eastern Canada and the United States. The Province of Quebec alone has suffered a loss during the past ten years of 150,000,000 cords of standing pulpwood by these pests, which represents a market value in pulpwood of three billion dollars, or if manufactured into paper, of seven billion dollars. This represents a loss of wood sufficient for forty-five years' requirements for newsprint for the North American continent. The competition will close on August 1, and the \$5,000 will be given for the successful suggestion that is accepted by the judges, who will be Sir William Price of Messrs. Price Bros., Quebec; Dr. C. D. Howe, dean of the faculty of forestry, Toronto University; Mr. Fred A. Gilbert, Great Northern Paper Company, Bangor, Maine; Mr. G. C. Piche, chief of forest service, Quebec, and Mr. Ellwood Wilson, Laurentide Company, Grand Mere, Quebec. Competitive suggestions should reach Mr. Frank D. J. Barnjum, New Birks Building, Montreal, Canada, before August 1.

AT the time of the celebration of the centennial of Pasteur's birth, in Strasbourgh, a congress of hygiene and bacteriology will be held for discussion of questions relating to disease. In order to show the sympathy of Great Britain with the projects of the French committee, a British committee composed of the following members has been formed: Sir Charles Sherrington, chairman, A. Chaston, H. E. Field, Professor Percy R. Frankland, Sir

John M'Fadyean, Professor C. J. Martin, Sir W. J. Pope, Sir James Walker and Sir Almoth Wright.

## UNIVERSITY AND EDUCATIONAL NOTES

By the will of Frederic C. Penfield, who last served the United States in Austria as ambassador, \$80,000 each is left to New York University, the University of Pennsylvania and the Catholic University, for Penfield scholarships in diplomacy and international affairs.

By the will of Seymour Coman of Chicago, the University of Chicago is made trustee of his residuary estate, estimated to be approximately \$145,000, the net income to be used for scientific research, with special reference to preventive medicine and the cause, prevention and cure of diseases. This bequest to be known as the Seymour Coman Research Fund.

STEVENS INSTITUTE OF TECHNOLOGY has secured from the United States government the two buildings erected by the Navy Department for the use of the steam engineering school conducted by the Navy at Stevens during the war. The smaller building has been remodeled to house the college library and the museum. One wing of the larger building has been adapted as a laboratory for the department of electrical engineering. The United States government has paid back to the trustees of the Stevens Institute of Technology a tax of \$45,750 paid by the original trustees on the bequest providing for the foundation and endowment of the institute in 1870.

THE gift of £100,000 by an unnamed benefactor was announced by Lord Haldane on June 14 on the occasion of the laying of the foundation-stone of the new University College, Nottingham, which is to form the nucleus of the East Midlands University. The buildings will be situated in a large park lying between Nottingham and Beeston. This was given by Sir Jesse Boot, who had already made donations, amounting to £110,000.

FIVE additional professors for the medical department of the University of Georgia are announced as follows: Dr. Eliot R. Clark, from