

SCIENTIFIC NOTES AND NEWS

THE American College of Surgeons met this week in Boston with Dr. John B. Deaver, of the University of Pennsylvania, as president, and Dr. Harvey Cushing, of Harvard University, as president-elect.

At a meeting of the Swedish Society of Physicians at Stockholm on October 3, it was decided to bestow the Anders Reizius' Medal on Professor Sir Charles Sherrington, of the University of Oxford, for his researches in physiology and the nervous system.

PROFESSOR BORREL, director of the Institute of Hygiene and Bacteriology at Strasbourg, formerly connected with the Pasteur Institute at Paris, has been appointed director of the Exposition of Hygiene to be held at Strasbourg on the occasion of the centenary of Pasteur.

A TABLET bearing the name "Fernow Hall" was unveiled on October 5 over the main entrance of the Forestry Building of Cornell University. This name is given in recognition of the services rendered forestry in America by Dr. Bernhard E. Fernow, who was dean and director of the first school of forestry on the American continent, the former New York State College of Forestry. Serious ill health prevented Professor Fernow being present at the ceremonies.

ON the occasion of the fiftieth anniversary of the professional career of Professor Domenico Barduzzi and his retirement from the chair of skin diseases and syphilis at the University of Siena, a gold medal was presented to him and a history of his career was published and presented to him by his students.

THE following Latin American surgeons attended the meeting of the American College of Surgeons held this week in Boston: Dr. José A. Presno and Dr. Rafael Menocal, of Havana, Cuba; Dr. Gabriel M. Malda and Dr. Unises Valdes, of Mexico; Dr. Jose Arce of Buenos Aires, Argentina; Dr. Claudio J. Sanjines, of La Paz, Bolivia; Dr. Olympia da Fonseca, of Rio de Janeiro, Brazil; Dr. Gregorio Amunotegui and Dr. Lucas Sierra, of Santiago, Chile; Surgeon General Alberto

Adriasola and Dr. Guillermo E. Muennich, of Valparaiso, Chile; Dr. Pompilio Martinez, of Bogota, Colombia; Dr. Francisco Graoa, of Lima, Peru; Dr. Enrique Pouey, of Montevideo, Uruguay, and Dr. Louis Razetti, of Caracas, Venezuela.

THE Harvard faculty of medicine held a reception on October 16 for the delegation of visiting professors from the medical department of the University of Strasbourg. The visiting group is made up of Dean George Weiss and Drs. Camille Duverge, Leon Blum, Paul Masson and Maurice Nicleux. They are making under the auspices of the Rockefeller Foundation a study of the methods used in American medical schools.

PROFESSOR ERNEST MERRITT, head of the department of physics of Cornell University, has been granted leave of absence for the second half of the present academic year. His place will be taken by Professor Frederick Bedell.

PROFESSOR L. A. FITZ, head of the department of milling industry at Kansas State Agricultural College, has been granted a leave of absence for one year to work in the research laboratories of the Fleischmann Company in New York City.

GEORGE F. WEBER, Ph.D. (Wisconsin, '22), has been appointed assistant plant pathologist in the Agricultural Experiment Station of Florida at Gainesville.

DR. H. J. HAMBURGER, professor of physiology, University of Groningen, Holland, delivered an address on October 19 on "The increasing significance of chemistry in medical thought and practice" before a joint meeting of the Washington Academy of Sciences, the Biological Society of Washington and the Chemical Society of Washington. Dr. Hamburger will give an address on the same subject as the first Harvey Society lecture at the New York Academy of Medicine, on Friday evening, November 3.

DR. ARTHUR L. DAY, director of the Geophysical Laboratory of the Carnegie Institution, lectured on October 8 on "The study of earth movements in California" before the Franklin Institute of Philadelphia.

DR. C. E. K. MEES, director of the research laboratory, Eastman Kodak Company, gave an illustrated lecture entitled "Chemistry and the motion picture" before the Society of Engineers at Troy, N. Y., on November 14; the Detroit Section of the American Chemical Society on November 15; the Purdue Section, American Chemical Society, at Lafayette, Indiana, on November 16; and the Chicago Section, American Chemical Society, on November 17.

DR. W. R. HAM, head of the department of physics, addressed the Pennsylvania State College Branch of the American Association for the Advancement of Science October 18 on "Experimental evidence for and against the variation of mass with velocity and its bearing on the special theory of relativity."

L. E. WARREN addressed the American Association of Food, Dairy and Drug Officials at its twenty-sixth annual convention, at Kansas City from October 3 to 6, on the subject, "The laboratory of the American Medical Association and its work."

A STATE university for Massachusetts was the subject discussed at a public dinner meeting arranged by the Boston Ethical Society on October 16. Among the speakers were Dr. Paul H. Hanus, professor of education at Harvard University, and Dr. Arthur Gordon Webster, professor of physics at Clark University.

THE new building for the Institute of Pathology for the University of Freiburg was inaugurated in September. The address was given by Dr. Ludwig Aschoff, professor of pathology and pathological anatomy in the university, on "The importance of pathological anatomy for social medicine."

A MEMORIAL tablet was placed on the house at Tulle of the late Edmond Perrier, on September 24. The Paris Academy of Sciences was represented at the ceremonies by M. Ch. Gravier.

IT is proposed that the new 50-centime stamp which France is about to issue in compliance with the Madrid Postal Convention shall bear the portrait of Louis Pasteur, in honor of the hundredth anniversary of his birth.

DR. GUY HENRY COX, for many years professor of geology at the Missouri School of Mines, and more recently geologist for the Josey Oil Company, was killed on August 20, in an automobile accident near Bristow, Oklahoma.

JOHN FORREST KELLY, the electrical engineer, died on October 15, aged sixty-three years.

LAWRENCE REYNOLDS, an entomologist and collector in Central and South America, has died in Boston at the age of forty-four years.

THE death is announced of Professor E. Bergmann, director of the Chemisch-Technische Reichsanstalt, Berlin.

PROFESSOR EMILIO NOELTING, for many years director of the Chemical School at Mülhausen, died on August 7 aged seventy-one years.

THROUGH the will of Dr. William Frear, late vice-director of the Agricultural Experiment Station, the Pennsylvania State College has received a valuable collection of scientific books and reports which will be given a permanent place in the library of the School of Agriculture.

THE department of pathology of Columbia University has received a gift of \$4,000 from the Commonwealth Fund, to be used for research into the causes of rickets.

THE *Journal* of the American Medical Association states that the Supreme Lodge, Knights of Pythias, has donated \$1,000,000 for the lepers on Cullion Island. This money is to be used for the following purposes: (1) Permanent living quarters to be known as "Stevens Memorial Hall" for all white lepers at the colony. (2) Erection of an experimental laboratory with full equipment to carry on experiments in search of an absolute cure. (3) Establishment of an endowment fund amounting to approximately \$900,000, to provide money for carrying on the experimental work and to further the benefit work at the colony among all lepers. The amount represents an assessment of \$1 on every member of the lodge, which has a membership of nearly 1,000,000 men.

IT is announced in the *British Medical Journal* that the National Council for the Promotion

of Race-renewal, which established the National Birthrate Commission, is organizing an International Congress for the Reaffirmation of the World's Moral Ideal to be held in London, October 15 to 22. The congress will be opened at Caxton Hall, under the presidency of the Bishop of Southwark, on Tuesday morning. The afternoon session, presided over by Dr. Mary Scharlieb, will discuss marriage and parenthood and the relation of the sexes, the speakers including Dr. H. Crichton Miller, Mr. C. J. Bond, F.R.C.S., and Dr. J. W. Ballantyne. On Wednesday morning the subject for consideration will be the economic, social and racial aspects of morality and the rise and fall of population, migration, etc., the speakers including Sir Arthur Newsholme, K.C.B., M.D., Dr. C. W. Saleeby and Professor William Caldwell, D.Sc., of McGill University.

THE returns of births in the ten largest towns in France for the first quarter of 1922 show a falling off of 10 per cent. as compared with the corresponding quarter of last year, the total figures being 48,528 and 53,551 respectively. No individual town shows an increase. Paris had 24,238 births, as compared with 27,489, Marseilles 6,176, as against 6,303, and Lyons 4,583, as against 5,088. It is estimated that the second quarter of the year will show a further lowering of the birth rate, as the marriage rate has been falling heavily for two years.

The Geographical Journal notes that the celebration, in April, 1921, of the death of Magellan in the Philippines, was virtually a celebration of the first circumnavigation of the globe, by far the greater part of the task—the first crossing of the vast Pacific Ocean—having been successfully accomplished solely through the initiative and hardihood of the great navigator who, by his tragic death before the finishing of the enterprise, failed to reap the ultimate reward of his achievement. But the actual first circuit of the globe was only completed on the return to Spain of the *Victoria* under the command of Juan Sebastian del Cano. This happy return of the survivors of the expedition was celebrated with much ceremony in Spain on September 5, 6 and 7, the sum of 250,000 pesetas having been voted by the Spanish government for the purpose. The

celebrations took place at San Sebastian, and at Guetaria, a small fishing village some 30 kilometers to the west, which was the birthplace of Del Cano. This strip of the Spanish coast has further associations with the great voyage in that the *Victoria*, the only vessel of Magellan's fleet to complete the circuit of the globe, was built at Zarauz, which lies between Guetaria and San Sebastian. The king of Spain was expected to be present at the celebration. Institutions in other countries concerned with the progress of navigation and discovery were invited to send representatives.

THE *London Times* reports that the Danish biologists, Dr. T. H. Martensen and Dr. Hjalmar Jensen, who went in November last on an expedition to the Kei Islands, in the Malay Archipelago, with the main object of finding a suitable site for a marine biological station planned by Scandinavian biologists for the study of deep-sea fauna, have now returned to Java. The *Challenger* and *Siboga* expeditions had found in dredging operations near these islands an extraordinarily rich deep-sea fauna in comparatively shallow water. It was expected that the Kei Islands would prove a suitable spot for a laboratory. Closer investigation of the sea was, however, necessary before the site could be definitely chosen. The expedition, after having completed its task, reports considerable success. Hitherto only very few soundings had been made in the neighborhood of the islands outside the one hundred meter [fifty fathom] line. The expedition has discovered an extensive area two to four hundred meters [one hundred to two hundred fathoms] deep, near which a rich and varied deep-sea fauna may be found. It includes, beside the forms found by the *Challenger* and *Siboga*, many others new to science. It is met with at a distance of six to eight miles from the site proposed for the future station. The study of the living deep-sea animals will thus be possible with a relatively small outlay. Although, of course, a rather remote place, the Kei Islands are within easy reach. There is a regular monthly mail service from Java. The expedition carried out research work at Amboina and the Bunda Islands. These spots proved far inferior to the Kei Islands. The ex-

pedition received much courteous help from the administration of the Dutch East Indies. It was accompanied by two Dutch biologists, Dr. Siebers, ornithologist of the Buitenzorg Museum, and Dr. Boschma, who paid special attention to corals. The rich collections made by the expedition are being sent to the Copenhagen Museum.

In connection with its studies of the distribution and movements of larval fishes and other pelagic marine organisms, the Bureau of Fisheries recently has undertaken the investigation of ocean currents of the north Atlantic coast and for that purpose has deposited about 1,500 drift bottles. These have been dropped on three lines, running, respectively, for a distance about 75 miles off Cape Elizabeth, 150 miles seaward from Chatham, Mass., and 150 miles seaward from Sandy Hook. The stations are at intervals of about one half mile, two bottles being dropped at each, with drags at different depths, the bottles being weighted so as to float with but a small part of the neck exposed. Each bottle contains a card offering a reward of 25 cents if sent to the bureau with information concerning the date and location at which it was found. Upwards of 200 of these cards have been received already. This work is being conducted in cooperation with the International Committee on Marine Fisheries Investigations, on which, in addition to the United States, the Canadian and Newfoundland governments are represented.

THE *Fisheries Service Bulletin* reports that after a period of scarcity for about twenty years menhaden have reappeared in the Gulf of Maine in considerable abundance. On the Maine coast this fishery attained its greatest importance about thirty-five years ago, with factories at various points along the coast; that is, Boothbay Harbor, Pemaquid and Round Pond. According to the bureau's local agent at Portland, the main body of fish this year were found between Portland, Me., and Massachusetts Bay, and it is doubtful whether many large schools appeared farther east than Boothbay Harbor, where about 2,500 barrels were frozen. There were landed at Portland during the month of July 1,564,800 pounds by fishing vessels and many more by smaller craft. The landings at Portland would have been

much larger had not the freezers refused to accept more. A report from Boston early in August states that about 18 menhaden steamers from southern factories were operating in Massachusetts Bay. As the herring fishery this season has been a comparative failure, the stocks of menhaden were welcome to the freezers for bait, bringing nearly as much as the herring for this purpose. For bait purposes the menhaden will be used chiefly by the halibut fleet and to a lesser degree by line trawlers, cod and haddock fishermen. Reports of the presence of schools of menhaden in these waters caused the bureau to send the steamer *Halcyon* to conduct an investigation under the direction of Dr. H. B. Bigelow. Preliminary reports indicate the presence of larger quantities of diatoms, on which the menhaden feeds, than are normally found in Massachusetts Bay at this season, and it is probable that the unusually good food supply has controlled the movements of the fish into those waters.

UNIVERSITY AND EDUCATIONAL NOTES

THE will of the late Winthrop Cowdin, of Mount Kisco, N. Y., disposes of an estate estimated at more than \$1,000,000. After providing for Winthrop Cowdin memorials at Harvard University and at the St. Paul's School, Concord, N. H., Harvard University receives \$50,000 and the entire residuary estate, the income to be used for general purposes.

PROFESSOR HENRY GORDON GALE, of the department of physics of the University of Chicago and for ten years dean of the College of Science, has been appointed dean of the Ogden Graduate School of Science, to succeed the late Dean Rollin D. Salisbury, who occupied the position for over twenty years.

PROFESSOR MILO S. KETCHUM, professor of civil engineering in the University of Pennsylvania, has resigned to become dean of the College of Engineering and director of the Engineering Experiment Station of the University of Illinois. He will be succeeded at Pennsylvania by Professor H. C. Berry.

DR. A. M. GREENE, formerly of the Rensselaer Polytechnic Institute, has been elected dean of the Engineering School of Princeton University.