

are made to New York University and the Charity Organization Society of New York for its School of Philanthropy. Bequests of \$100,000 are made to the University of Glasgow, Yale University, Amherst College, Williams College, Dartmouth College, Bowdoin College, Hamilton College, the Protestant College at Beirut, the Tuskegee Institute and Hampden Institute. Bequests of \$50,000 are made to Lafayette College, Oberlin College, Wellesley College, Barnard College (Columbia University), Teachers College (Columbia University), Elmira College, Northfield Seminary, Berea College, Mt. Hermon Boys' School and Anatolia College, Turkey. Bequests of \$25,000 are made to Lake Forest University and Center College. A bequest of \$20,000 is made to Cooper Union. There are also a number of other bequests to hospitals and charities.

Mr. Kennedy was a liberal benefactor in his life time and probably stands third among men in the history of the world who have given most largely for public purposes.

SCIENTIFIC NOTES AND NEWS

PROFESSOR J. H. VAN AMRINGE, head of the department of mathematics in Columbia University, and dean of the college, will retire from active service at the end of the present academic year, when he will have completed fifty years of service for the institution and reached his seventy-fifth birthday.

THE Bakerian lecture before the Royal Society will be given on November 18 by Sir J. Larmor, on "The Statistical and Thermodynamical Relations of Radiant Energy."

PROFESSOR JOSEPH P. IDINGS is at present traveling along the east coast of Asia. In September he visited the southern part of Manchuria, making a study of certain Cambrian rocks there. He expects to visit Manila about thanksgiving time, and while there will take occasion to see something of the volcanoes on the island of Luzon.

DURING the past month the newspapers have printed more or less sensational and alarming reports with reference to a geological exploration party which made a trip during the summer to the east shore of Hudson Bay under

the leadership of Dr. C. K. Leith, of the University of Wisconsin. Under these circumstances it will be gratifying to acquaintances of the members of the party to learn that they have reached the railway north of Cobalt, Ontario, and will be in the United States before this notice is printed.

THE Telford gold medals of the British Institution of Civil Engineers have been awarded to Professor B. Hopkinson and G. R. G. Conway; the Watt gold medals to D. A. Matheson and W. C. Popplewell and the George Stephenson gold medals to E. H. Tabor and A. J. Knowles.

A GOLD medal has been presented to Dr. Oswaldo Cruz in recognition of his services in extirpating yellow fever in Rio de Janeiro.

DR. THEODOR WEBER, emeritus professor of medicine at Halle, has celebrated his eightieth birthday.

DR. SIMON SCHWENDENER, professor of botany at Berlin and director of the University Gardens, will retire from active service at the end of the present semester.

DR. AUGUST BRAUER, director of the zoological museum of the University of Berlin, has been given the title of honorary professor.

AT Cambridge University Mr. H. H. Thomas has been appointed curator of the Botanical Museum, and Mr. C. L. Boulenger, assistant to the superintendent of the Museum of Zoology.

PROFESSOR HARRY SNYDER has resigned the chair of agricultural chemistry at the University of Minnesota, which he has held since 1892.

SIR WILLIAM TURNER has been elected president, and Professor G. Crystal general secretary, of the Royal Society of Edinburgh.

PROFESSOR L. A. HERDT, head of the department of electrical engineering at McGill University, has been appointed honorary secretary for Canada of the American Institute of Electrical Engineers.

PROFESSOR JOSEPHINE E. TILDEN, of the University of Minnesota, is at present in New Zealand, with leave of absence for a year for botanical research. Her courses at the Uni-

versity are being taken by Mrs. Frederic E. Clements.

DR. E. P. FELT, state entomologist of New York, has received a two-months' leave of absence for study in European museums.

PROFESSOR GUSTAV RETZIUS gave on November 5 the annual Huxley lecture before the Royal Anthropological Institute. His subject was "The North European Race."

ON Mondays and Thursdays, from five to six P.M., in the Harvard Medical School, Professor W. T. Porter will give a physiological demonstration with an informal lecture.

COMMEMORATION exercises were held at the Massachusetts General Hospital, on October 16, in honor of the anniversary of the first use of ether by Dr. William T. C. Morton. Dr. Charles W. Eliot delivered the address.

DR. WILLIAM TERRY HARRIS, for many years U. S. Commissioner of Education and eminent for his contributions to education and philosophy, died on November 5, at the age of seventy-four years.

THE death is announced of Dr. C. Gottsche, director of the Hamburg Geological Institute.

A TABLET in memory of Ross Gilmore Marvin, the Cornell graduate and instructor who was drowned while on the Peary expedition to the north pole, will be placed in Sage Chapel by the students of Cornell University.

IN view of the rapid rate at which accommodations are being taken up for the transatlantic passage for the spring of 1910, it seems advisable to call the attention of those intending to participate in any of the scientific congresses of next summer to engage their passage as soon as possible. In the middle of October every place on the North German Lloyd boats running to the Mediterranean next June was already engaged, except some at a high price. Some of the other lines are nearly as fully engaged.

SIR RAY LANKESTER writes to *Nature* that he has heard from the representatives of the late Professor Anton Dohrn to the effect that the Zoological Station at Naples remains the property of the heirs of its founder. Neither the German government nor any German so-

cietty has acquired any rights in its future disposition. Dr. Reinhardt Dohrn, who has for two years been the acting director of the station, is now director, and has inherited from his father (by agreement with his brothers) the actual property and the leases granted by the Naples municipality as to the site.

THE British Medical Association will hold its annual meeting next year in London under the presidency of Dr. H. T. Butlin, president of the Royal College of Surgeons. The association has held its annual meeting in London on three occasions. The first was in 1862, when Dr. George Burrows was president; the second in 1873, when Sir William Ferguson was president; the third in 1895, when Sir J. Russell Reynolds was president.

THE Central Association of Science and Mathematics Teachers will hold its annual session at the University of Chicago on November 26 and 27.

A BRANCH of the hygienic laboratory of the department of health of New York state has been established at Ithaca, under the supervision of Professor H. N. Ogden.

ACCORDING to a dispatch from Vienna the Austrian government will put upon the market a portion of the 154 grains of radium chloride, the product of the St. Joachimthal (Bohemia) plant, for 18 months. The Vienna hospitals and scientific institutions are to be supplied first, free of cost, the remainder to be offered for sale at \$75,000 a gram.

THE *British Medical Journal* says: The Pasteur Institute, Paris, will shortly come into possession of a capital sum estimated at 30,000,000 francs, the product of the estate of the late M. Osiris, which is now being realized. The circumstances under which M. Osiris determined to dispose of his great fortune in this way are, if rumor speaks true, most striking and dramatic. In 1903 M. Osiris founded a triennial prize of £4,000, to be given to "the person who had rendered the greatest service to the human race during the three preceding years." The prize was awarded to Dr. Roux, director of the Pasteur Institute, for the discovery of the anti-diphtheria serum. Instead of devoting the

money to his own private purposes Dr. Roux made over the sum to the Pasteur Institute. This self-denying action so impressed the millionaire that he left the bulk of his fortune to the institute as a token of admiration for the scientific attainments and self-abnegation of Dr. Roux. M. Osiris could not have made a better disposition of his wealth; the Pasteur Institute is greatly in need of funds, and this endowment will firmly establish it as a monument worthy of the great master. The memory of M. Osiris as a benefactor of the human race is effectively perpetuated by this princely munificence, and the scope and influence of the valuable work of the Pasteur Institute will be vastly increased.

WE learn from the London *Times* that the new Astronomical and Meteorological Observatory at Hampstead, the undertaking of the Hampstead Scientific Society, is now nearing completion. On the reservoir, near the Whitestone Pond, Hampstead-heath, are to be seen the small observatory house and the railed enclosure in which will be placed those meteorological instruments that require to be in the open. It is expected that the next fortnight will see the telescope placed in position, and the rain gauge, thermometer screen, sunshine recorder and barometer ready to give account of the climate of London's highest hill. The revolving dome of the telescope house has been designed and made by Mr. John Reid, of Manchester, and the meteorological instruments are being supplied by Mr. James J. Hicks. The telescope, which has been presented to the society by Dr. F. Womack, professor of physics at Bedford College and St. Bartholomew's Hospital, is an equatorially mounted reflector; the mirror is by Sir Howard Grubb, of Dublin, and the mounting by Wray. To the appeal for funds to defray the cost a generous response has been made. The sum involved will be about £250, and towards this £239 has been received.

THE recently founded Italian national league against malaria held its first meeting on October 6 at Milan under the presidency

of Professor Baccelli. The *British Medical Journal* states that Senator Golgi, as chairman of the local organizing committee, delivered the opening address, in which, he referred to the vast improvement due to the law of compulsory supply of quinine to laborers; in a few years the mortality from the disease had diminished by three fourths. As regards agricultural and water-supply betterments, he recognized that so far the results had not been very encouraging; he hoped, however, that the laws made on the subject would not continue to remain a dead letter. In regard to human beings, the improvement was beyond all question. Where the measures were carried out rigorously, it had been shown by Negri that the disease disappeared so completely that not a single case was to be found in the following year. Golgi did not, however, think that the general adoption of prophylaxis by the systematic administration of quinine to healthy people was justified. On the other hand, mechanical prophylaxis by the use of mosquito netting on the doors and windows of dwellings gave satisfactory results. The efforts of the league should, he urged, be directed to the application and perfecting of the methods already known, and to the study of new means of combating the disease. Professor Baccelli, who next spoke, suggested that a national, or even an international, congress against malaria should be held in Rome in 1911. Then the league would have the opportunity of demonstrating publicly the work it had done up to that time. He announced that the government would hand over for the purposes of the league the profits made on the sale of quinine by the state. The central committee was then constituted as follows: Professor Baccelli, president; Professor Golgi, Professor Lustig, Professor Gosio, Dr. Picchi, Professor Gobbi, Professor Di Mattei, Professor Canalis, Senator Ponti and Signori Badaloni, Villaresi and Cabrini.

UNIVERSITY AND EDUCATIONAL NEWS

THE appropriation for the College of the City of New York for the year 1910 amounts to \$613,000. Of this sum \$440,000 is for instruction.