

worked as a railway telegrapher three quarters of a century ago. The plaque was unveiled by Dr. J. W.

Browning, of Exeter, now ninety-five years old, who once worked with Edison.

SCIENTIFIC NOTES AND NEWS

At the annual congress of the American College of Physicians, which opened at Cleveland on April 1, the John Phillips Memorial Award for "outstanding work in internal medicine" was presented to Dr. René J. Dubos, of the Rockefeller Institute for Medical Research, New York. His investigations, according to the official citation, "have established a new principle of great importance in the study of the chemistry of living cells and of chemotherapeutic substances."

THE John Hunter Medal and Triennial Prize has been awarded by the Royal College of Surgeons of England to Dr. Lionel Ernest Howard Whitby for his research work in "bacteriology with special reference to the sulphonamide compounds."

At the Cleveland congress of the American College of Physicians, Dr. James D. Bruce, of the University of Michigan, who was chosen president-elect last year, was inducted into office, succeeding Dr. O. H. Perry Pepper, of Philadelphia. Dr. Roger I. Lee, of Boston, formerly professor of hygiene at the Harvard Medical School, was chosen president-elect.

PROFESSOR JOHN PAUL NAFF, head of the department of psychology of Washington University, St. Louis, has been elected president of the Southern Society for Philosophy and Psychology.

DR. WILMER SOUDER, chief of the dental research laboratory at the Bureau of Standards, was elected president of the International Association for Dental Research at the recent convention in Philadelphia.

SIR ROBERT HUTCHISON was reelected on March 18 president of the Royal College of Physicians, London.

DR. WINTERTON C. CURTIS, professor of zoology at the University of Missouri, has been appointed dean of the College of Arts and Science. He has been acting dean of the college since September 1.

DR. ERNEST D. WILSON, formerly president of the Zialite Corporation, New York, N. Y., has been appointed head of the department of chemical engineering and chemistry of the Worcester Polytechnic Institute.

FELIX MORLEY, editor of *The Washington Post*, will become president of Haverford College in September. He is the son of the late Dr. Frank Morley, formerly professor of mathematics at the Johns Hopkins University, and the brother of Christopher Morley, the author. Dr. William Wistar Comfort, having reached

the age of sixty-five years, will retire in June after serving twenty-three years as president.

DR. ROBERT FRANKLIN POOLE, plant pathologist at the North Carolina State College and chairman of the committee directing graduate instruction, has been elected president of Clemson College, South Carolina.

PROFESSOR KATHERINE CRANOR, of the department of textiles and clothing of the Iowa State College, has resigned because of ill health.

DR. ROYD RAY SAYERS, medical officer in charge of the office of industrial hygiene and sanitation of the U. S. Public Health Service, from 1917 to 1933 chief surgeon and chief of the health and safety branch of the U. S. Bureau of Mines, has been named by Harold L. Ickes, Secretary of the Interior, acting director of the bureau. Dr. Sayers succeeds Dr. John W. Finch, director of the bureau since 1934.

At a meeting of the trustees of the General Education Board on April 4 new members of the board were elected as follows: Dr. Karl T. Compton, president of the Massachusetts Institute of Technology; Dr. J. R. McCain, president of Agnes Scott College; Dr. Francis T. Spaulding, of the Graduate School of Education of Harvard University, and President Robert Gordon Sproul, of the University of California.

DR. ROBERT E. DOHERTY, president of the Carnegie Institute of Technology, Pittsburgh, Pa., has been appointed a member of the National Aeronautical Committee, succeeding Brigadier General Walter G. Kilner, retired.

DR. ELLIOTT P. JOSLIN, clinical professor of medicine, emeritus, at the Harvard Medical School, will succeed the late Dr. Harvey Cushing as honorary chairman of the Division of Medicine and Public Health of the President's Committee on University Development, which is planning to secure additional endowment for the Medical School at Yale University.

At the annual meeting of the American Philosophical Society, which meets in Philadelphia on April 18, 19 and 20, Dr. Dayton C. Miller, honorary professor and acting head of the department of physics of the Case School of Applied Science, on the evening of April 18 will deliver a lecture entitled "The Pipes of Pan, Old and New." The Penrose Memorial Lecture will be given on Friday evening, April 19, by Archibald MacLeish, librarian of Congress. He will speak on "Writers and Scholars." Both lectures will be

given in the hall of the society in Independence Square at 8:15 P.M. They will be followed in each case by a reception.

DR. THOMAS PARRAN, Surgeon-General of the U. S. Public Health Service, gave the fourteenth William Thompson Sedgwick Memorial Lecture of the Massachusetts Institute of Technology on Thursday, April 11. The subject of the lecture was "Nutrition and the Nation's Health."

DR. JOSEPH T. WEARN, professor of medicine at the School of Medicine of Western Reserve University, will deliver the seventh Harvey Society Lecture of the current series at the New York Academy of Medicine on April 18. He will speak on "Morphological and Functional Alterations of the Coronary Circulation."

DR. PAUL DUDLEY WHITE, lecturer in medicine at the Harvard Medical School and physician of the Massachusetts General Hospital, gave on April 4 the Hermann Michael Biggs Memorial Lecture at the New York Academy of Medicine. The subject of the lecture was "Heart Disease—A World Problem."

DR. H. H. SHELDON, managing trustee of the American Institute of the City of New York, will present the academy address at the fifty-fourth annual meeting of the Iowa Academy of Science to be held at Cornell College, Mount Vernon, on April 19 and 20. His subject will be "Television."

DR. ROBERT CUSHMAN MURPHY spoke on March 30 at an Inter-American Fiesta sponsored by the American Museum of Natural History and the Courier Service of New York in honor of citizens and friends of the Republics of Colombia, Peru and Chile. His subject was "Nature and Man on South America's West Coast."

PROFESSOR R. A. DALY, of Harvard University, and Professor Douglas Johnson, of Columbia University, were guest speakers in the department of geology of the University of Kansas during the current semester. Professor Daly spoke on "Submarine Canyons" on February 17. Following the lecture there was an informal luncheon and discussion for staff members and graduate students. Professor Johnson presented three lectures, entitled "Topography and Strategy in the Present European War," "Mysterious Craters of the Carolina Coast" and "Is the Atlantic Coast Sinking?," on March 28 and 29. The second of the three lectures was sponsored by Sigma Xi.

PROFESSOR JAMES CHADWICK delivered the tenth Joule Memorial Lecture before the Manchester Literary and Philosophical Society on March 19. His subject was "New Applications of Physics to Medicine."

THE thirty-fifth anniversary of the founding of the Milbank Memorial Fund was celebrated at the New

York Academy of Medicine on the evening of April 3. Dr. Frederick P. Keppel, president of the Carnegie Corporation, made the principal address, speaking on philanthropic foundations. Professor C.-E. A. Winslow, of the Yale University School of Medicine, introduced Dr. Keppel. Frederick Osborn, research associate in anthropology of the American Museum of Natural History, chairman of the section of the fund on population trends and programs of social welfare, spoke on population trends in the United States.

THE dedication exercises of the new W. K. Kellogg Foundation Institute of Graduate and Postgraduate Dentistry at the University of Michigan were held in connection with the annual homecoming of dental alumni of the university on April 3 at a formal university convocation. A monument to Dr. Willoughby D. Miller, an alumnus and a former dean of the School of Dentistry, was unveiled. The memorial statue will stand at the point where the old dental building is joined to the new \$500,000 Kellogg Institute building. This building was presented to the university by Dr. Emory Morris, associate director of the W. K. Kellogg Foundation of Battle Creek. Following the formal acceptance of the structure by President Alexander G. Ruthven, responses were made by Dr. R. W. Bunting, on behalf of the School of Dentistry; by Dr. Paul H. Jeserich, director of the institute, on behalf of the department of graduate and postgraduate dentistry; by Dr. Clarence S. Yoakum, on behalf of the Graduate School; by Thomas G. Reid, of Chicago, on behalf of the Public Works Administration, and by Dr. Oliver W. White, Detroit, on behalf of the alumni.

AN appropriation of \$1,150,000 has been made by the Rockefeller Foundation to the University of California to construct a cyclotron of 4,900 tons, under the supervision of Dr. Ernest O. Lawrence. The machine will produce energies in excess of 100,000,000 volts. The gift is contingent upon the raising of the sum of \$250,000 by the university.

MARSHALL FIELD, 3d, has donated to the University of Chicago property in the Loop which he values at \$1,000,000. Fifty years ago his grandfather, Marshall Field, presented ten acres of land, which provided the original site for the present university.

THE eighteenth annual meeting and scientific session of the Academy of Physical Medicine will be held at Richmond, Virginia, on April 24, 25 and 26, under the presidency of Dr. Harold D. Corbusier, Plainfield, N. J.

THE American Association of Physics Teachers will meet from June 26 to 30 at the University of Washington, Seattle, in connection with the meeting of the

American Association for the Advancement of Science. Professors A. A. Knowlton, Reed College, and F. A. Osborn, University of Washington, are in charge of the program and local committees, respectively. The Meany Hotel will be headquarters for the meeting.

THE fifth summer colloquium for college physicists will be held on June 13 to 15 at the State University of Iowa. There will be an exhibit of new laboratory experiments, one day devoted to consideration of the first course in physics for non-technical students, and a discussion of applied subjects in the oil and radio industries and in music.

THE twenty-fifth annual meeting of the American Association of Industrial Physicians and Surgeons, together with the first annual meeting of the American Industrial Hygiene Association, will be held at Hotel Pennsylvania, New York City, on June 4, 5, 6 and 7. The convention will be intensively devoted to the problems of industrial health in all their various medical, technical and hygienic phases, with particular stress on prevention and control of occupational hazards. Important programs have been prepared, and technical and scientific exhibits will be a feature of the convention. The dinner on Thursday evening, June 6, will be the occasion of the presentation of the Wm. S. Knudsen award for the year of 1939-40. All who have an interest in these phases of industrial health, including industrial hygienists, safety engineers, chemists, plant engineers and personnel managers, are urged to attend.

THE Field Conference of Pennsylvania Geologists will be held in New Jersey on May 30 and 31 and June 1, with headquarters at Cochrane House, Newton, N. J. There will be an all-day excursion to Culver's Gap and to McAfee Quarry on Thursday, and on Friday to the Franklin ore deposits, to Mine Hill, Dover, and if time permits to Muggy Hollow. It is planned to spend the night at New Brunswick. On Saturday a study will be made of the stratigraphy of the coastal plain, with a luncheon at Cliffwood.

APPLICATIONS for grants from the Cyrus M. Warren Fund of the American Academy of Arts and Sciences should be received by the chairman of the committee, Professor James F. Norris, Massachusetts Institute of Technology, Cambridge, Mass., not later

than May 1. Grants are made to assist research in the field of chemistry. On account of limited resources, grants to an individual are seldom made in excess of \$300. The application should be accompanied by an account of the research to be undertaken, a statement of the sum requested and the manner in which the money is to be expended.

THE office of the secretary of the American Institute of Chemical Engineers was moved to The Chemists' Club Building, 50 East 41st Street, New York, on April 1. The membership of the institute has increased from about 1,500 members to 2,400 during the past three years and the quarters in the Engineering Societies Building had become inadequate.

Two new scholarships to aid students in the Medical College in New York were recently established by the Trustees of Cornell University. The Jeremiah S. Ferguson Scholarship Fund of \$5,000 memorializes a member of the original Medical College Faculty, secretary of the college since 1914, who died on June 30, 1939. The income of approximately \$200 a year will be awarded annually to outstanding students in the third and fourth years in need of financial aid. An anonymous gift of \$10,000 endows the Charles R. Stockard Scholarships, in memory of Dr. Stockard, who had been a member of the faculty since 1906 and who died on April 17, 1939.

ACCORDING to an Associated Press dispatch, Homer Cummings, the former Attorney-General, has established a clinic in George Washington University Medical School as a memorial to the late Mrs. Cummings. The clinic, the only one of its kind in the country, will investigate high blood-pressure and concomitant ailments.

Nature writes that the *Anglo Soviet Journal* "has been started with the purpose of supplying 'the more scientifically skilled and specialized workers in the British Commonwealth with a regular flow of information, accurate and reliable, on the progress and developments that are being realized in the U.S.S.R., in their own field, the field which they understand best.' The first issue is largely devoted to accounts of exhibitions, particularly of the great Agricultural Exhibition held in Moscow last summer, which was unquestionably the most magnificent effort of its kind the world has ever seen."

DISCUSSION

A TIGER SHARK AND A BASKING SHARK RAMMED BY STEAMERS

THAT the great sluggish whale shark, entirely unafraid of ships, should occasionally be rammed by steamers should arouse no incredulity. And thanks to the invaluable help of the U. S. Hydrographic Office,

I have recorded 12 such cases between 1922 and 1938. These have all been brought together in an inclusive article, now seeking publication. One of these cases is of a whale shark (*Rhineodon typus*) rammed near the Isle of Perim in the Strait of Bab el-Mandeb by the Dutch steamship *Johan van Oldenbarnevelt* in 1933.