

DEPARTMENT OF COMMERCE AUDITORIUM—4:00 P.M.
Patent Office Society dedication ceremony.

DINNER PROGRAM—MAYFLOWER HOTEL

“Patented” Dinner.

“Mother Necessity,” by the New York Theater Guild,
Lawrence Langner, director.

Address by the Honorable Daniel C. Roper, Secretary
of Commerce.

Address by the Honorable Conway P. Coe, Commis-
sioner of Patents.

Toastmaster's address—Dr. Charles F. Kettering.
Radio program.

MAYFLOWER HOTEL BALLROOM

Patent Office Society dance.

RECENT DEATHS AND MEMORIALS

HENRY MINER EAKIN, director of the section of hydrodynamics of the Soil Conservation Service of the Department of Agriculture, died on October 20. He was fifty-three years old.

DR. LOWELL C. LLOYD, of the department of zoology

of the University of Washington, died on October 7 at the age of thirty-two years.

PROFESSOR WILLIAM ARTHUR PARKS, formerly head of the department of geology and paleontology of the University of Toronto, and director of the Royal Ontario Museum of Paleontology, has died in his sixty-ninth year.

WILLIAM SOLLAS, for thirty-nine years professor of geology at the University of Oxford, died on October 22 at the age of eighty-seven years.

THE *Journal* of the American Medical Association states that a fund that it is hoped will amount to \$100,000 is being solicited by Northwestern University to establish a foundation in memory of Dr. Howard Taylor Ricketts, who graduated from the Medical School in 1897 and who died in 1910 from typhus fever incurred in Mexico while engaged in a study of its mode of transmission. Dr. Ricketts was later associate professor in pathology and bacteriology at the University of Chicago. In 1910, the year of his death, he accepted an appointment as professor of pathology at the University of Pennsylvania School of Medicine.

SCIENTIFIC NOTES AND NEWS

THE American Public Health Association at its meeting in New Orleans awarded the Sedgwick Memorial Medal for distinguished service in public health to Dr. Frederick F. Russell, lecturer in preventive medicine and public health in the Harvard Medical School and in the Harvard School of Public Health, formerly director of the International Health Division of the Rockefeller Foundation.

BRONZE medals were presented to Dr. William J. Mayo and Dr. Charles H. Mayo at the twenty-first annual banquet of the Interstate Post-Graduate Medical Assembly of North America at St. Paul, Minn., on October 14. The presentation was made by Dr. David Riesman, of the University of Pennsylvania, president of the association.

THE University of Edinburgh conferred on September 17 the degree of doctor of laws on Dr. William Bowie, chief of the division of geodesy of the U. S. Coast and Geodetic Survey. Dr. Bowie was attending the meeting of the International Union of Geodesy and Geophysics at Edinburgh, of which he was president, when he received the degree.

PROFESSOR JOEL H. HILDEBRAND, of the department of chemistry of the University of California, has returned from abroad. He gave in September one of the introductory papers before the meeting of the Faraday Society at the University of Edinburgh.

During his visit to Edinburgh he was elected to honorary life membership in the Chemical Society of the university.

DR. NORMAN L. BOWEN, petrologist of the Geophysical Laboratory of the Carnegie Institution of Washington, was recently elected a member of the German Academy of Science at Halle. Presentation of the diploma was made by the German Ambassador on October 14, at a luncheon given at the German Embassy in Washington.

AT the recent celebration of the centennial of Mark Hopkins at Williams College the degree of doctor of laws was conferred among others on President James R. Angell, of Yale University; President Karl T. Compton, of the Massachusetts Institute of Technology; President Livingston Farrand, of Cornell University; President Lotus D. Coffman, of the University of Minnesota, and President Mildred Helen McAfee, of Wellesley College.

PUBLIC celebrations were held on October 15 in Lynn and Detroit marking the fiftieth anniversary of the development of electrical resistance welding by Dr. Elihu Thomson. He was represented at Detroit by his son, Malcolm Thomson, a welding expert at the Lynn River Works of the General Electric Company, who read greetings from Dr. Thomson to the Detroit section of the American Welding Society. Following the

banquet was a radio talk from Lynn, given by Albert L. Rohrer, formerly electrical superintendent of the General Electric Company, who told of the experiments with which he helped Professor Thomson fifty years ago. The Massachusetts celebration included a dinner at Marblehead for a group of representative citizens of Lynn.

DR. ARTHUR MCCORMACK, of Louisville, Ky., health director of the State of Kentucky, was named president-elect at the New Orleans meeting of the American Public Health Association, succeeding Dr. Thomas Parran, Surgeon-General of the U. S. Public Health Service. He will take office a year from now. Other officers named were: Dr. Angel de la Garza Brito, of Mexico City, *first vice-president*; Dr. Robert E. Wodehouse, of Ottawa, Canada, *second vice-president*; Dr. E. M. Ehlers, of Austin, Tex., *third vice-president*, and Dr. Louis I. Dublin, of New York City, *treasurer*.

ALFRED E. GIBSON, vice-president of the Wellman Engineering Company, Cleveland, was elected at the Cleveland meeting president of the American Welding Society, succeeding J. J. Crowe, of Jersey City.

THE Ernest Kempton Adams fellowship at Columbia University has been awarded to Professor Shirley L. Quimby, Columbia University. He will investigate the elastic properties of single crystals in the alkaline metals. The fellowship has been held for the last three years by Professor Harold Clayton Urey, in recognition of his work on heavy hydrogen.

DR. THOMAS S. FISKE, professor emeritus of mathematics at Columbia University, has retired as secretary of the College Entrance Examination Board after serving for thirty-five years. He is succeeded by Professor George Walker Mullins, who has been for twenty-four years connected with the department of mathematics at Barnard College. A dinner in honor of Professor Fiske was given on October 27 at the Biltmore Hotel by members of the board, representing universities, colleges and secondary schools. Dr. Frederick C. Ferry, president of Hamilton College, was toastmaster. Dr. Nicholas Murray Butler, president of Columbia University, was among the speakers.

PROFESSOR JOHN A. MCGEOCH, chairman of the department of psychology at Wesleyan University, is serving as visiting professor on a part-time basis in the department of psychology at Clark University during the academic year 1936-37. He is giving one course at Clark in addition to his regular work at Wesleyan.

DR. JOSEPH C. HINSEY, professor of anatomy at Stanford University, has assumed his work as professor of physiology and head of the department at the Cornell University Medical School.

RALPH K. STRONG, head of the department of chemistry at Reed College, has been appointed to the same position at the Rose Polytechnic Institute.

DR. PAUL D. ISHAM, of the Massachusetts State College, has been appointed assistant chemist in the Bureau of Chemistry and Soils of the U. S. Department of Agriculture. He will be stationed at Pullman, Wash., where he will conduct research work on fruit and vegetables.

ACCORDING to *Industrial and Engineering Chemistry* James W. Kellogg, for nearly twenty-eight years a member of the staff of the Department of Agriculture of the State of Pennsylvania, has been appointed director of the Bureau of Animal Husbandry of the Iodine Educational Bureau, Inc.

DR. H. S. FAWCETT, professor of plant pathology at the Citrus Experiment Station of the University of California, has leave of absence for six months, to enable him to accept the invitation of the Brazilian government to assist in a study of citrus and other sub-tropical fruit diseases. He plans to leave for Brazil early in November.

DR. HENRY C. SHERMAN, Mitchell professor of chemistry at Columbia University, gave on October 27 a lecture before the New York University Chapter of Sigma Xi on "Problems and Progress in the Field of Nutrition." Dr. W. F. G. Swann, director of the Bartol Research Foundation, Swarthmore, Pa., will give the lecture on December 11. He will speak on "The Nature of Cosmic Ray Phenomena."

AT the Founders' Day exercises at Swarthmore College on Saturday, October 31, the address will be given by Dr. C. Stuart Gager, director of the Brooklyn Botanic Garden, on "Botanic Gardens in Science and Education." After the address, there will be inspection of the Arthur Hoyt Scott Arboretum and the collection of hardy chrysanthemums and other plantings on the college campus, under the leadership of John C. Wister, director of the Arthur Hoyt Scott Horticultural Foundation.

DR. EDWIN P. HUBBLE, of the Mount Wilson Observatory, gives the Rhodes Memorial Lectures at the University of Oxford on October 29 and November 12 and 26. The general title of the lectures is "The Observational Approach to Cosmology."

DR. WILLIAM A. PERLZWEIG, of Duke University, spoke recently at the School of Bacteriology of the Workers University of Mexico, on "Recent Advances in Clinical Chemistry in the United States."

THE Dohme Lectures at the Johns Hopkins School of Medicine will be given by Dr. Charles H. Kellaway, director of the Walter and Eliza Hall Institute of

Research in Pathology and Medicine, Melbourne, Australia, on November 5, 6 and 7. The titles of these lectures are as follows: "Snake Venoms; Their Constitution and Therapeutic Applications," "The Peripheral Action of Snake Venoms" and "Snake Venoms and Immunity."

DR. W. H. MILLS, lecturer in Jesus College and reader in stereochemistry at the University of Cambridge, England, has been elected George Fisher Baker non-resident lecturer in chemistry at Cornell University for the second term. Dr. William D. Harkins, MacLeish distinguished service professor at the University of Chicago, is lecturer for the first term.

THE Huxley Memorial Lecture of the Royal Anthropological Institute was delivered in the rooms of the Royal Society, London, on October 27, by Professor E. Westermarek. He spoke of "Methods in Social Anthropology."

THE autumn meeting of the National Academy of Sciences will be held at the University of Chicago on November 16, 17 and 18.

SECTION F (Zoology) of the American Association for the Advancement of Science will hold joint sessions with the American Society of Zoologists for the reading of papers and the giving of demonstrations at Atlantic City on Tuesday, Wednesday and Thursday, December 29, 30 and 31. There will be a dinner for all zoologists in the Hotel Ambassador on Wednesday evening, December 30. Following the dinner the vice-presidential address will be delivered by Professor Ross G. Harrison, of Yale University. The annual business meeting will immediately precede the business meeting of the American Society of Zoologists. Members of Section F who wish to present papers should communicate at once with Dr. H. B. Goodrich, secretary, American Society of Zoologists, Wesleyan University, Middletown, Conn., for full information regarding the conditions under which their papers may be placed on the program. No titles will be accepted by Dr. Goodrich after November 8. The secretary of the section is Professor George R. LaRue, department of zoology, University of Michigan, Ann Arbor, Mich.

THE fall meeting of the Pennsylvania Conference of College Teachers of Physics was held on October 16 and 17 at the Pennsylvania State College. Addresses were given by Dr. Saul Dushman, of the General Electric Company; Dr. L. O. Grondahl, of the Union Switch and Signal Company, and Professor F. B. Larkin, of Lehigh University. The general topic of the meeting was "Physics in Industry." Plans were made at this time for the spring meeting, which will be held at Franklin and Marshall College, Lancaster, Pa., on March 26 and 27. This will be a joint meeting

with the Pennsylvania Academy of Science and the Lancaster Branch of the American Association for the Advancement of Science.

THE sixteenth annual meeting of the Highway Research Board will be held in Washington, D. C., during the week of November 16. Open meetings of departments of the board for informal discussion of current highway problems will be held on November 17 and 18. The regular annual board meetings will be held on November 19 and 20. There will be reports of various phases of highway development and construction which have been under intensive study during the past year; a discussion of the important rôle of soil in road work will be taken up at an informal open meeting to last all day on Tuesday; a symposium on stabilized soil for roads will be held on Friday. The departments of design and maintenance will join with the joint Committee on Roadside Development of the board and the American Association of State Highway Officials in an open meeting on Wednesday afternoon for the informal discussion of roadside problems of mutual interest. On Wednesday open meetings will be held by the departments of highway transportation economics, materials and construction. One session will be devoted to problems of highway traffic with particular reference to safety measures.

THE thirty-second annual convention of the National Association of Audubon Societies opened on Friday, October 23, at the American Museum of Natural History with a reunion dinner in the Bird Hall of the museum. The annual convention exhibit was held in the Educational Hall on Saturday. In addition to the exhibits of the society, the work of the U. S. Soil Erosion Service, the Biological Survey and the National Park Service was displayed and a collection of paintings of hawks by Major Allen Brooks was shown.

DUKE UNIVERSITY SCHOOL OF MEDICINE held its third annual symposium on October 15, 16 and 17. The subject was diseases of the heart, circulation and kidney. Sixteen physicians and surgeons participated in the program, representing the medical schools of Harvard, Virginia, the Johns Hopkins, Western Reserve, the University of North Carolina, Emory, the University of Pennsylvania, the University of Cincinnati, the University of Minnesota and the Mayo Clinic.

THE annual meeting of the committee on electrical insulation of the Division of Engineering and Industrial Research of the National Research Council, of which Dr. J. B. Whitehead is chairman, will be held at the Massachusetts Institute of Technology on No-

vember 5, 6 and 7. The subjects to be discussed are: "The Theory of Dielectrics," "The Oxidation in Insulating Liquids" and "Insulating Materials and Practices."

THE Science Society of China held its annual meeting from August 17 to 20 at Peiping, under the auspices of Tsinghua, Yenching and Peking Universities. Six of the constituent national societies, Botany, Chemistry, Geography, Mathematics, Physics, Zoology, met at the same time. The total registration was approximately 450 and about 250 papers were presented before the different sections. Following the meeting, sight-seeing trips were arranged to places of interest in the Peiping area, including the Yung-kang caves and Chou-kou-tien, the home of *Sinanthropos*, the Peking man.

THE seventy-fifth anniversary of the completion of the first transcontinental telegraph line was observed on October 24 in the main building of New York University, on the site where Samuel F. B. Morse, then a professor of art, completed the construction of the first practical telegraph instruments. The ceremonies were arranged by the Oregon Trail Memorial Association, of which Dr. Howard R. Driggs is president, in cooperation with New York University and the Western Union Telegraph Company. Historic messages were sent over the same lines that were used in the initial transcontinental hook-up. Employing instruments of that period, Western Union operators dispatched Justice Field's message to President Lincoln. It was carried over wires covering the exact route of the original lines, through Omaha, Kearney and Scotts Bluff, Nebr.; Julesburg, Colo.; Casper, Wyo.; Salt Lake City, Carson City, Nev.; Sacramento and San Francisco. Also transmitted over the original route was the message sent by Mayor Teschernacher, of San Francisco, to Mayor Wood, of New York City. A painting by W. H. Jackson was presented by Dr. Driggs to Charles H. Carroll, general manager of the Western Union Telegraph Company, in appreciation of the cooperation of the company in preserving pioneer records.

SECURITIES valued at more than \$1,000,000 have been given to Wesley Memorial Hospital, Chicago, by George Herbert Jones, formerly president of the Inland Steel Company. The money will be used for the first unit of a proposed new group of hospital buildings to be erected at a cost of \$5,000,000.

LORD NUFFIELD, motor car manufacturer, has made a gift of £1,250,000 to the University of Oxford for the establishment of a post-graduate medical school. He has also promised a further £100,000 in reply to the university's appeal for an endowment for main-

tenance of the Bodleian Library and of new laboratories of physics and geology. This is said to be the largest gift received from an individual donor by a British university. In recent years Lord Nuffield, formerly Sir William Morris, has given over £1,000,000 to hospitals and other institutions.

SIR HENRY SOLOMON WELLCOME, governing director of the Wellcome Foundation, who died on July 25, at the age of eighty-two years, was the son of the Rev. S. C. Wellcome, of Wisconsin. He left an estate of the gross value of £2,138,959, with net personalty £2,065,063, on which estate duty of £968,754 has been paid. His will provides that all his personal effects and his collections of paintings, prints, books, manuscripts, historical objects and furniture in his residence or residences (not otherwise bequeathed) to his trustees, to be utilized for the furnishing and equipment of the museums, libraries or research bureaus, laboratories, etc., in England or elsewhere connected with the organizations of the Wellcome Foundation. He directed his trustees to pay, within 25 years of his death, to special trustees the sum of \$250,000 for the library and auditorium with assembly rooms, park and sports field, etc., at Garden City, Blue Earth County, Minnesota, which he was having erected (in the names of his late brother, the Rev. George T. Wellcome and himself) as a memorial to their parents. And also, when opened for use, a further \$150,000 as an endowment fund therefor, directing that the memorial should be known as "The Wellcome Memorial." The residue of his property he left in such shares as his trustees decide to and between and for the purposes of the following charitable objects: 1. "The Research Undertaking Charity," which is to be a fund for the advancement of research work bearing upon medicine, surgery, chemistry, physiology, bacteriology, therapeutics, materia medica, pharmacy and allied subjects which may conduce to the improvement of the physical conditions of mankind. 2. "The Museum and Library Charity," for a fund for the maintenance and/or extension of any of his research museums or libraries now in existence or any future such.

THE second Eli Lilly and Company Award in Biological Chemistry will be made at the 1937 spring meeting of the American Chemical Society in Chapel Hill, N. C., provided a suitable candidate for the prize is proposed. To be eligible, a nominee shall not have passed his thirty-first birthday on April 30, 1937, and shall have accomplished outstanding research in biological chemistry. The award is \$1,000, \$100 to provide a bronze medal for the recipient and \$150 or as much thereof as may be necessary to defray the traveling expenses of the recipient to the meeting where he will receive the honor and give his address.