

New Hampshire, in December, 1876, when I talked with Alexander Graham Bell in Boston over the first long line over which we tried the telephone." You were the first to hear human speech "by telegraph"—from Cambridge and Conway to Boston, and from San Francisco and London to New York. You, moreover, made with your own hands the first telephone, and besides many other contributions you invented the bell that drives so many busy men, and even women, to the woods. You probably have the distinction of making the greatest single contribution to the jangling distraction of this noisiest of worlds. During twenty-five arduous years you founded and created one of America's great shipyards; you have been a pioneer of organized kindergartens; joint author of the geology of the Boston Basin; president of the Boston Browning Society; producer of Browning's dramas and interpreter of them even to the city of culture. Your accomplishments have been indeed varied and extraordinary. To-day New Hampshire claims you not because of the love of her mountains which crept into your soul in '76 to abide forever, not because your father was a native of near-by Newmarket, neither because in these latter years you find the center of New Hampshire the one place for rest and worship in the summer season, but because of the splendid breadth of your achievements both in science and art, and the hunger for beauty and

truth which with the zest of youth still possesses and consumes you.

AMBROSE SWASEY—Native of beautiful Exeter and her constant friend and benefactor, manufacturer, captain of industry, inventor, scientist, philanthropist, founder of the Engineering Foundation, fellow of the Royal Astronomical Society, chevalier of the Legion of Honor and builder of the world's greatest telescopes including the Lick and the Yerkes. You have made it possible for mortals to peer into the near-by yet remote spaces of the illimitable universe, and to understand as never before the pregnant phrase, "What is man that thou art mindful of him and the son of man that thou visitest him?" You have combined the superlative practical achievements of creative business so delightfully with lofty idealism that those of us who know you are prompted to insist that institutions as well as individuals should hitch their wheels to ever nobler purposes. Recipient of honors too numerous to mention, you have been justly and fittingly decorated in many places and many lands. Your friends and neighbors view them all with sincere pride and joy. Yet, now, because you have been one of New Hampshire's most loyal, as well as one of her most distinguished sons, it seems fitting that we should here, to-day, place side by side with your other notable recognitions and rewards a simple wreath of home-grown bays.

## SCIENTIFIC NOTES AND NEWS

ON the occasion of the installation of Mr. Stanley Baldwin as chancellor of the University of Cambridge on June 5 the recipients of honorary degrees included Professor Albert Einstein and Professor Max Planck, of Berlin; Sir John Rose Bradford, president of the Royal College of Physicians, and Sir James Colquhoun Irvine, principal of the University of St. Andrews.

THE dedication ceremonies of the new medical building of the University of Brussels were held on June 24. The buildings were erected jointly by funds provided by the Rockefeller Institute and the city of Brussels. The degree of *doctor honoris causa* was conferred on Dr. Simon Flexner, director of the Rockefeller Institute, and on Dr. Abraham Flexner, formerly of the Rockefeller Foundation, who was recently elected president of the newly established Institute for Graduate Study at Newark, New Jersey.

IN recognition of his contributions to electrical science, Thomas A. Edison received a gold medal on June 20 at his laboratory in West Orange from a delegation representing the Argentine Association of Electro-Technicians. The presentation was made by William Asher Reece, president of the General Electric Company of the Argentine. Supreme Court Justice Owen J. Roberts presented on June 26 the John Scott Medal and an accompanying award of

\$1,000 to Mr. Edison at his laboratory, in recognition of "outstanding contributions to science."

THE Polytechnic Institute of Brooklyn held its seventy-fifth annual commencement on June 18, the speaker being Dr. Frank Pierrepont Graves, Commissioner of Education of the State of New York and alumnus of the institute. The honorary degree of doctor of engineering was bestowed upon President Karl T. Compton, of the Massachusetts Institute of Technology, and on Mr. Charles F. Kettering, president of the General Motors Research Corporation. The degree of Admiral Richard Byrd, who was delayed in returning to the United States, will be conferred upon him at a special convocation in the fall.

AT its seventy-fourth commencement Tufts College conferred the doctorate of science on Mr. Arthur D. Little, president of the Arthur D. Little Corporation.

CAPTAIN NICHOLAS HUNTER HECK, chief of the Division of Terrestrial Magnetism and Seismology of the U. S. Coast and Geodetic Survey, received from Lehigh University at its recent commencement the honorary degree of doctor of science.

DR. ZAY JEFFRIES, consulting metallurgist of Cleveland, delivered the address at the forty-third annual commencement of the South Dakota State School of

Mines on June 5. It was the twentieth anniversary of Dr. Jeffries' graduation from the institution which bestowed upon him the degree of doctor of engineering.

THE Pharmaceutical Society of Great Britain has placed on its distinguished roll of honorary members the names of the retiring dean, Dr. Henry H. Rusby, and Dr. Henry V. Army, the dean-elect of the College of Pharmacy, Columbia University. These honors were awarded because of the scientific achievements of Dean Rusby and Dean-elect Army and also to emphasize the cordial relations which have existed for a number of years between the School of the Pharmaceutical Society in London and the New York college.

THE current quarterly issue (June) of the *Annals* of the Association of American Geographers is entirely devoted to "An Appreciation of the Contributions to Earth Science of Albert Perry Brigham." In the words of the inscription, "This issue of the *Annals* is gratefully and admiringly dedicated to Albert Perry Brigham on his seventy-fifth birthday in recognition of his inestimable services to the Association of American Geographers and to the science of geography." Seven papers deal with Professor Brigham's career as follows: "Personal Sketch," by Professor R. E. Dodge, Agricultural College of Connecticut; "Geologist," by Dr. Philip S. Smith, U. S. Geological Survey; "Physiographer," by Dr. Kirk Bryan, U. S. Geological Survey; "Human Geographer," by Professor R. H. Whitbeck, University of Wisconsin; "Popularizer of Geography and Geology in the United States," by Colonel Lawrence Martin, Library of Congress; "Geographer-Envoy from America to Europe," by Professor Frank E. Williams, University of Pennsylvania, and "Educator," by Professor Robert M. Brown, Rhode Island College of Education. There is a recent portrait by Bachrach, and a full list of Dr. Brigham's books and papers.

DR. LAFAYETTE B. MENDEL, of Yale University, was elected to the staff of the Connecticut Agricultural Experiment Station, New Haven, at a recent meeting of the board of control. His title is research associate in biochemistry. Dr. Mendel collaborated with the late Dr. Thomas B. Osborne, who was in charge of the experiment station biochemistry department, in studies of nutrition that commanded worldwide recognition. Since Dr. Osborne's death, the work has been carried on with Dr. H. B. Vickery, who is now head of the laboratory of biochemistry. The action of the board of control is taken to recognize officially a relationship that has existed for years. Dr. Mendel is Sterling professor of physiological chemistry at Yale and chairman of the department of physiology and physiological chemistry.

DR. MARGARET C. FERGUSON, of Wellesley College, has been appointed research professor in botany and given the aid of a full time assistant. This was made possible through the generosity of Miss Susan Minns, of Boston.

DR. F. J. SIEVERS, director of the Massachusetts Agricultural Experiment Station, was recently elected to serve also as director of the graduate school at the Massachusetts Agricultural College following the resignation of Dr. H. T. Fernald.

AT Cornell University Professor Madison Bentley has been granted a year's leave to occupy the chairmanship of the division of anthropology and psychology in the National Research Council. Professor K. M. Dallenbach, who is lecturing this summer at the University of Oregon, will also be on leave during next year. He will be visiting professor of psychology at Columbia University and his place at Cornell will be temporarily filled by Professor John G. Jenkins, of the Iowa State College at Ames. Mr. Robert Brodie MacLeod has been appointed instructor at Cornell to take the place of Dr. George Kreezer who goes to Germany as a national research fellow in the biological sciences.

PROFESSOR H. R. ROBINSON, professor of physics at University College, Cardiff, has been appointed professor of physics at the East London College of the University of London to succeed Professor C. H. Lees who will retire.

THE new portfolio of fisheries in the Canadian Cabinet will be filled by Dr. Cyrus MacMillan, of McGill University, a representative of Prince Edward Island.

DR. O. E. HARDER, in charge of the department of metallography in the University of Minnesota, has been appointed an assistant director of the Battelle Memorial Institute. Dr. Harder will devote part of his time to the work being conducted at the institute by the alloys of iron committee of the Engineering Foundation.

MR. ROBERT J. MOORE, for the past six years general research chemist of Pratt and Lambert, Inc., Buffalo, N. Y., has resigned to become development manager of the Varnish Resin Department of the Bakelite Corporation. Mr. Moore will work under Dr. L. V. Redman, vice-president in charge of research and development, at the Bloomfield Division, New Jersey. He will be concerned with the application of the newly developed Bakelite resins in air-drying varnishes, enamels and lacquers.

MR. RALPH T. K. CORNWELL, senior microanalyst of the National Institute of Health (Hygienic Lab-

oratory), U. S. Public Health Service, Washington, D. C., has resigned to accept a position with the Sylva Industrial Corporation of Fredericksburg, Virginia.

DR. WARD B. WHITE, for the last eight years director of the bureau of chemistry, New York State Department of Agriculture and Markets, has accepted an appointment as chief of food control, Food, Drug and Insecticide Administration, to fill the vacancy caused by the death of R. W. Balcom.

MR. S. J. COOK, chief of the Mining, Metallurgical and Chemical Branch, Dominion Bureau of Statistics, Ottawa, has been elected general secretary of the Fifth Pacific Science Congress, which for the first time will visit Canada in 1932.

DR. WALTER F. WILLCOX, of Cornell University, will represent the United States at the International Institute of Statistics which meets in Tokyo in September.

DR. PAUL BARTSCH and assistants have left Washington for a four months' cruise and exploration of the Bahamas and islands lying southward. A 70-foot vessel with an oil-burning engine was chartered at Miami, Florida, from which place they sailed on June 9. The expedition is made possible by the granting of the Walter Rathbone Bacon Traveling Scholarship.

DR. H. E. GREGORY, of Yale University and head curator of the Bernice P. Bishop Museum, Honolulu, visited Washington recently to inspect exhibits of Polynesian objects at the U. S. National Museum, principally from Samoa, the Hawaiian Islands, New Zealand, and the Hervey, Cook and Easter Islands with the object of negotiating an exchange of duplicate material between the National and the Bishop Museums.

DR. MAURICE L. TAINTER, associate professor of pharmacology in the Stanford University School of Medicine, left on June 19 for six months' study and travel abroad.

DR. McKEEN CATTELL, assistant professor of physiology in the Cornell Medical College, New York City, sailed on June 28 for England, where for eight months he will be engaged in physiological research.

THE sixth International Congress of Genetics will be held at Ithaca, New York, from August 24 to 31, 1932, under the presidency of Dr. Thomas Hunt Morgan.

At the meeting of the Seventh International Ornithological Congress at Amsterdam, Professor Lönnberg, of Sweden, was president, and Professor L. F.

De Beaufort, secretary. The membership was larger than at any previous congress, being over 300. In addition to lectures by experts in different branches of the science, excursions were arranged to protected areas to see the rich bird life of Holland. At the final meeting on June 7 it was announced that the congress would in future be held every four years, instead of every five years; that the next meeting would take place in London in 1934, and that the president would be Dr. E. Stresemann, of Berlin, and the Rev. F. C. R. Jourdain, of Southbourne, Bournemouth, would be secretary.

THE third Imperial Entomological Conference opened on June 17. The meetings of the conference were, by courtesy of the Entomological Society of London, held in the society's new council room and were attended by delegates from the governments of twenty-four dominion, colonial, etc., governments, in addition to representatives of the Imperial College of Tropical Agriculture, Trinidad; the East African Agricultural Research Station, Amani, and government departments in the United Kingdom. At the opening meeting, which was confined to delegates, the conference discussed the work and finances of the Imperial Bureau of Entomology. Visits were arranged to the Parasite Laboratory of the Bureau at Farnham Royal, to Cambridge and to the Rothamsted Experimental Station and the Pathological Laboratory of the Ministry of Agriculture at Harpenden. The subjects of the various sessions were as follows: the organization of entomological departments, entomological work among backward races, tsetse-fly control, the control of insects by cultural methods, locusts, the biological control of insects, the control of weeds by insects and the control of orchard pests.

FOUR o'clock Saturday afternoon public lectures will be given during July and August in the lecture hall of the New York Botanical Garden. The subjects and lecturers are as follows: July 5. "The Philippine Islands," Dr. Elmer D. Merrill, director-in-chief; July 12. "Porto Rico: Its Flora and Scenery," Dr. Marshall A. Howe, assistant director; July 19. "Plant Traps," Dr. John Hendley Barnhart, bibliographer; July 26. "Diseases and Pests of Ornamentals," Dr. B. O. Dodge, plant pathologist; August 2. "Fungi, Edible, Poisonous and Otherwise Interesting," Dr. Fred J. Seaver, curator; August 9. "Florida," Dr. John K. Small, head curator of the museums; August 16. "Fossil Plants of New York City and Vicinity," Dr. Arthur Hollick, paleobotanist; August 23. "Wild Flowers of Late Summer," Dr. Forman T. McLean, Supervisor of Public Education, and August 30. "Growing Plants in Artificial Climate," Dr. J. M. Arthur, Boyce Thompson Institute.