

other expenses must be borne by France. The regulations accepted by the French specify that the "expedition must not destroy nor partially destroy any structures which are of historical or of archeological importance," and that no French members must buy antiques or curios for their private collections. All archeological specimens of interest are to become the property of the Chinese Cultural Association, as are all specimens found which are of geological or biological interest. The Chinese Cultural Association, at its discretion, may present duplicates of the latter to France. All photographs, motion pictures and notes which the French members of the expedition may accumulate on the journey are to be given over to the Chinese Cultural Association, which may or may not release any or all of them after an examination, which must be completed within six months after the expedition returns to Peking.

CANCER RESEARCH IN ENGLAND

THE grand council of the British Empire Cancer Campaign, at a meeting on October 14, renewed the grant to the Cancer Hospital (Free) for the special scheme of radiological research which is being carried out upon the effects of X-rays upon the blood constituents and bone marrow. This work is a comprehensive scheme of research approved of by the campaign three years ago, and is carried out jointly by research workers and clinical workers, with the object of correlating the findings of experimental work with those observed in the treatment of patients suffering from cancer. A further grant of £250 for one year was also made to Mr. E. Nevill Willmer for the continuation of his research work on the relation of the chemical nature of the media in which cultures grow to the growth of the cultures. Mr. Willmer formerly carried out his research work at the Victoria University of Manchester, but has now been appointed lecturer in the physiological department of the University of Cambridge. A report from the finance committee by Sir Richard Garton showed that grants made by the campaign during the last year for research purposes amounted to approximately £25,000, while donations received during that period amounted only to approximately £17,000. The finance committee asked grand council that special efforts should be made during the ensuing year to increase the donations to the campaign in order that it may be able to subsidize the work of the cancer research centers at their maximum activity. The general secretary reported that details of the policy which the National Radium Commission proposed to adopt, relative to the coordination of existing bodies interested in the use of radium, had not been so far communicated to this campaign. The grand council expressed a hope

that early steps would be taken to bring about coordination between the work of the National Radium Commission, the use of the radium in the hands of King Edward's Hospital Fund and the various radium centers in existence which have been formed by the British Empire Cancer Campaign.

FOREST EDUCATION

A GRANT of \$30,000 has been made by the Carnegie Corporation of New York City to the Society of American Foresters for a forest education inquiry. The responsibility for the inquiry, which will require two years to complete, according to the announcement, has been delegated to a staff of four. Henry S. Graves, dean of the Yale School of Forestry, will serve as director; C. H. Guise, assistant professor of forest management at Cornell University, has been appointed assistant director; George A. Works, president of the Connecticut Agricultural College, will act as adviser in the field of education, and E. J. Kraus, professor of botany in the University of Chicago, will be adviser in the general field of science. A special committee of the Society of American Foresters will assist in the inquiry. This committee, which later may be enlarged, consists of Robert Y. Stuart, Chief Forester, United States Forest Service, chairman; Irving W. Bailey, professor of plant anatomy, Harvard University; Earl H. Clapp, chief of the branch of research, United States Forest Service; Livingston Farrand, president of Cornell University; Henry S. Graves, dean of the Yale School of Forestry; William B. Greeley, secretary and manager, West Coast Lumberman's Association; Lewis R. Jones, professor of plant pathology, University of Wisconsin; Raymond E. Marsh, secretary of the Society of American Foresters; David T. Mason, consulting forester; Barrington Moore, editor of *Ecology*; Charles Lathrop Pack, president of the American Tree Association; W. A. Pickering, Pickering Lumbering Company; John F. Preston, Hammermill Paper Company; Paul Redington, president of the Society of American Foresters; R. B. Robertson, United States Forest Service, and E. O. Siecke, state forester of Texas.

THE FIFTIETH ANNIVERSARY OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE fiftieth anniversary of The American Society of Mechanical Engineers, to be celebrated in April, 1930, in Washington, Hoboken and New York, will mark not only a half century of growth of this organization, but will commemorate its progress by bringing together the leading engineers of the world.

In New York, the delegates, members, and guests will register at the United Engineering Societies Building, on Saturday, April 4 and 5, when creden-

tials will be presented. This will be followed by the unveiling of a tablet in the lobby of the building, commemorative of the anniversary, and then the party will be taken to the offices of *The American Machinist*, where a program will be given depicting the preliminary meeting held so many years ago.

This preliminary conference was summoned by Prof. John E. Sweet, at the publication's office at 96 Fulton Street, New York, on February 16, 1880. Alexander L. Holley was nominated for chairman, and his opening address on the "Field of Mechanical Engineering" covered his conception of it and the type of man from which such a society, if organized, might draw its membership. The first step was to appoint a committee to draw up the basis of organization and formulate its rules; this was done by making Messrs. Henry R. Worthington, Eckely B. Coxe, Jackson Bailey, Gen. Quincy A. Gillmore, Prof. W. P. Trowbridge, M. N. Forney, and A. L. Holley such a committee.

The anniversary program will be continued at Stevens Institute, at Hoboken, N. J., commemorating the organization meeting in the auditorium of the institute with a pageant. There will be a welcoming dinner under the auspices of the Metropolitan Section of The American Society of Mechanical Engineers. On Sunday the party will entrain for Washington, D. C. On Monday morning, an address will be made by a representative of the Government and by the

president of The American Society of Mechanical Engineers. Presentation of greetings and two-minute addresses will be made by a delegate from each country. They will be followed by brief addresses by the presidents of The American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, The American Institute of Electrical Engineers, and the Society for the Promotion of Engineering Education.

In the afternoon there will be a session on "The Influence of Engineering upon Civilization," when seven of the sixteen national papers covering the humanistic aspects of engineering will be summarized by their authors in short addresses. This will be followed by a reception at the White House, while in the evening a reception will be given by the officers and council of the American Society of Mechanical Engineers.

On Tuesday the second part of the session on "The Influence of Engineering upon Civilization" will be held, when the remaining nine national monographs will be presented, and an address summarizing the book to be published on "Fifty Years of Mechanical Engineering in the United States." At noon on Tuesday will be held a luncheon in honor of the founders of the society, and this will be followed by the ceremonies attendant upon the conferring of honorary membership in the society and the presentation of medals.

SCIENTIFIC NOTES AND NEWS

At the annual dinner, as announced last week, of the Chamber of Commerce of the State of New York, on November 21, a portrait was unveiled of Mr. Thomas A. Edison, who has been an honorary member of the chamber for forty years. Mr. Leonor F. Loree, president of the chamber, also paid tribute to eight others who have performed services for the city, including Dr. Henry Fairfield Osborn, president of the American Museum of Natural History, and Dr. Simon Flexner, director of the Rockefeller Institute for Medical Research.

The graduates of the school of medicine of the University of Michigan will on December 9 present to the university a portrait of Dr. Frederick G. Novy, professor of bacteriology and director of the hygienic laboratory. On December 9 Dr. Novy will be sixty-five years of age. Forty-three of those years he has spent as a member of the faculty of the school of medicine. The ceremony on the afternoon of December 9 will be conducted in the Lydia Mendelsohn Theater of the Michigan League. Dr. Alexander G. Ruthven, president of the university, will accept the

gift for the university. The portrait has been painted by John Weiss, of Cincinnati.

THE Dutch Entomological Society has elected as honorary members, in place of Chr. Aurivillius, of Sweden, and Th. Becker, of Germany, both deceased, Dr. Geza Horvath, of Budapest, and Dr. L. O. Howard, of Washington.

THE New York Zoological Society, through its president, Mr. Madison Grant, presented on November 8 a gold medal to Mr. William Beebe in recognition of thirty years of service.

THE College of Physicians of Philadelphia has awarded the Alvarenga Prize for 1929 to Dr. George M. Dorrance, Philadelphia, for an essay entitled "Congenital Insufficiency of the Palate."

DR. AMANDA T. NORRIS, who has been practicing medicine for fifty years in Baltimore, was tendered a dinner by the Women's Medical Society of Maryland on November 9, when the society celebrated its fifteenth anniversary. Dr. William H. Welch was the principal speaker. Dr. Howard A. Kelly gave a his-