

mammal specimens, among them 13 gorillas, 25 chimpanzees, 228 marsupials and a very fine specimen of the extinct horse-like animal from South Africa, the quagga. The mounted birds number 2,400, and among them are examples of the great auk and other extinct birds, and the best existing collection, numbering 62, of cassowaries. Of these last many are "type specimens." There are also important series of kiwis, birds of paradise, and humming birds, as well as of reptiles (among them 144 giant tortoises), fishes and certain invertebrates.

In the research collections there are some 1,400 mammal specimens; and, though Lord Rothschild a few years ago sold the bulk of his unmounted birds to the American Museum of Natural History for a large sum, there still remain at Tring about 4,400 bird skins, some of which belong to extinct species. There is, moreover, a large collection of birds' eggs which contains two eggs of the great auk, and the best existing series of those of the extinct *Aepyornis* of Madagascar.

There is a collection of lepidoptera numbering more than 2,000,000 specimens. Among these are numbers of type specimens (of the geometer moths alone there are more than 6,000), and numerous species are represented which are to be found in no other museum. There are, too, examples of a great many still undescribed species. The butterflies and moths are represented in many instances by specimens collected from every part of their known geographical range. The museum also houses a collection of Anthribidae (a family of beetles of some economic importance) which is the largest in existence and contains more than 1,600 type specimens.

It is hoped that the British Government will see its way to provide the extra funds which the trustees of the British Museum will need to enable them to accept and maintain this bequest.

#### ENLARGEMENT OF THE WORK OF THE SCHOOL OF ENGINEERING AT NORTHWESTERN UNIVERSITY

AN enlarged teaching and research program for the School of Engineering of Northwestern University has been announced which involves an increase in the faculty. Professor George A. Maney has been appointed administrative chairman.

Under the new program, which increases from 132 to 138 the number of hours required for graduation, the technical content of the engineering curriculum will be greatly increased, especially in the last two of the four years of study. Three additional professors will be added to the present staff, one each in civil, mechanical and electrical engineering.

The curriculum will include a considerable amount of study in the liberal arts and in business subjects, designed especially for the training of business ex-

ecutives in the engineering field. Each student will also be required to take one course in speech.

Swift Hall of Engineering, which was the gift of Mrs. Gustavus F. Swift and her son, Edward F. Swift, will be remodeled to effect a twenty-five per cent. increase in laboratory space so that additional equipment in the electrical and mechanical fields can be accommodated.

To carry out the new program, the university has authorized a fifty per cent. increase in the present budget of the School of Engineering. The proposed curriculum has been approved by the National Engineering Council for Professional Development, and will become effective in the fall.

George A. Maney, who has been appointed acting dean of the school, has been for a number of years professor of structural engineering. He received the degree of civil engineer from the University of Minnesota in 1911 and his master's degree from the University of Illinois in 1914. In engineering practice he has been primarily concerned with problems of design and research in the structural field. He was consulting engineer for the Santa Fé Terminal Building of Dallas, Texas, in 1922. He was also consulting engineer in charge of the design and construction of the Mississippi River highway bridge at Savanna, Illinois. Professor Maney is the originator of the "slope-deflection method" now widely used in reinforced concrete building, and is co-author, with Professor J. I. Parcel, of "Statistically Indeterminate Stresses." Last year he was awarded the Wason Medal of the American Concrete Institute for his research on the slope-deflection method.

#### BUSINESS MEETINGS OF THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY

AN informal meeting of the managing editors of the Wistar Institute journals was held on April 22 at the Rittenhouse Club in Philadelphia. The institute was represented by Dr. Alfred Stengel, president of the Board of Managers, and Edmond J. Farris, fellow in anatomy in charge of operations.

The following editors were present:

C. E. McClung, *Journal of Morphology*.

Davenport Hooker, *The Journal of Comparative Neurology*.

Charles R. Stockard, *The American Journal of Anatomy*.  
Aleš Hrdlička, *American Journal of Physical Anthropology*.

E. Newton Harvey, *Journal of Cellular and Comparative Physiology*.

John R. Murlin, *The Journal of Nutrition*.

The annual meeting of the Advisory Board of the institute was held on April 23. The work of the in-

stitute during the year was reported by the staff and discussed by the board. The members of the Advisory Board present were:

E. G. Conklin, Princeton University.  
 R. G. Harrison, Yale University.  
 J. P. McMurich, University of Toronto.  
 C. M. Jackson, University of Minnesota.  
 C. E. McClung, University of Pennsylvania.  
 H. D. King, The Wistar Institute.  
 C. R. Stockard, Cornell University Medical College.  
 Wm. C. Rose, University of Illinois.

The Board of Managers was represented by Dr. Alfred Stengel, *president*, and Jansen Haines, *secretary*.

#### THE TWENTY-FIFTH ANNIVERSARY OF THE PETER BENT BRIGHAM HOSPITAL

ON May 5, 6 and 7 a celebration of the twenty-fifth anniversary of the opening of the Peter Bent Brigham Hospital for the reception of patients was held at the hospital in conjunction with a reunion of graduates of the professional and nursing services of the hospital. The Peter Bent Brigham Hospital is closely affiliated with the Medical School of Harvard University, functioning as a teaching and research unit of that Medical School.

On each of the three days up to 10:30 A. M. various hospital demonstrations, ward visits and surgical operations were conducted. After this there was a program of scientific and nursing papers, more than one hundred in number, presented by graduates and present members of the hospital professional and nursing staff.

On the forenoon of May 7 there was a large public meeting at which the Rt. Rev. William Lawrence, bishop emeritus of the Episcopal Diocese of Massachusetts, gave the invocation; His Excellency Charles F. Hurley, Governor of the Commonwealth, gave the greetings of the state; His Honor Maurice J. Tobin, mayor of Boston, the greetings of the city of Boston, and Dr. Dean Lewis, first surgeon-in-chief *pro tempore* of the Peter Bent Brigham Hospital, surgeon-in-chief of the Johns Hopkins Hospital, the greetings of the medical profession; President James B. Conant, Harvard University, the greetings of the university. Dr. Henry A. Christian, physician-in-chief of the Peter Bent Brigham Hospital and Hersey professor of the theory and practice of physic in the Harvard Medical School, made an address entitled "A Hospital Comes to Town—The Story of the Peter Bent Brigham Hospital in Boston"; Dr. Elliott C. Cutler, surgeon-in-chief of the Peter Bent Brigham Hospital and Moseley professor of surgery in the Harvard Medical School, an address entitled "A Surgeon Looks at the Record," and Dr. C. Sidney Burwell, physician at the Peter Bent

Brigham Hospital and dean of the Faculty of Medicine of Harvard University, one entitled "The Future of the Hospital." The benediction was pronounced by the Rt. Rev. Francis L. Phelan, chancellor of the Archdiocese of Boston. These exercises were followed by a luncheon on the hospital grounds for all invited guests.

On each afternoon of these three days tea was served on the hospital lawn. On the evening of May 5 a musical comedy was given at the hospital by the resident professional staff. On the evening of May 7 there was a dinner for four hundred at the Vanderbilt Hall at the Harvard Medical School, followed by a dance at Longwood Towers, Brookline. At all these events the graduates were the guests of the trustees of the Peter Bent Brigham Hospital.

#### DEDICATION OF THE FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA

CEREMONIES attending the dedication of the Franklin Institute, Philadelphia, will be held on May 19, 20 and 21. On the first day the theme will be "Franklin—Patriot and Man." At dawn guns will be fired over the Schuylkill River. Registration will open at the institute at 9 A. M., after which a heroic marble statue of Benjamin Franklin, executed by James Earle Fraser, will be unveiled and representatives of the British, French and Canadian Governments will place wreaths at the foot of the statue. The ceremonies will be followed by military displays and maneuvers on Benjamin Franklin Parkway. There will be a tea and reception in the afternoon for cabinet officers, foreign representatives, state governors, local officials, delegates and other distinguished guests, and in the evening the Honorable Daniel C. Roper, Secretary of Commerce, will make the principal address at a dinner of the Poor Richard Club.

On Friday, May 20, half-hour lectures on pure science will begin at 10 A. M. in the morning and at 2:30 P. M. in the afternoon, to commemorate Franklin as philosopher and educator. Luncheon will be served at one o'clock. The following speakers will take part in the program:

Sir James C. Irvine, principal and vice-chancellor, University of Saint Andrews, Aberdeen; Dr. C. E. K. Mees, director, Research Laboratory, Eastman Kodak Company; Dr. Gilbert N. Lewis, dean, College of Chemistry, University of California; Dr. George D. Birkhoff, Harvard University, and Dr. Forest Ray Moulton, permanent secretary, American Association for the Advancement of Science; Dr. Arthur L. Day, director of the Geophysical Laboratory, Carnegie Institution; Dr. Louis Martin, director, The Pasteur Institute, Paris; Dr. Thomas H. Morgan, California Institute of Technology, and Dr. Merritt L. Fernald, Harvard University.