

lows: *Mathematics*—R. S. Peotter, B.S. (Wisconsin), and R. A. Moritz, B.S., M.A. (Wisconsin). *Physics*—Leonard R. Ingersoll, B.S. (Colorado College), now fellow in physics. *Chemistry*—Roy D. Hall, B.S., M.S. (Wisconsin), Ph.D. (Pennsylvania); F. L. Shinn, B.S. (Indiana); Harry B. North, Ph.G., B.S. (Wisconsin), now assistant, and Edgar B. Hutchins, B.S. (Ottawa), M.S., Ph.D. (Wisconsin). *Education*—Walter F. Dearborn, A.B., A.M. (Wesleyan), Ph.D. (Columbia). *Mechanics*—M. O. Withey, C.E. (Thayer). *Mechanical drawing*—E. S. Moles, B.S. (Wisconsin), and John E. Boynton, B.S. (Wisconsin). *Topographical engineering*—Ray Owen, B.S. (Wisconsin). *Hydraulic engineering*—Charles J. Davis, C.E. (Cornell). *Electrical engineering*—Frank J. Petura, B.S. (Wisconsin); George G. Post, B.S. (Wisconsin), now assistant, and John C. Potter, B.S. (Wisconsin), now assistant.

Assistants have been appointed as follows: *Anatomy*—David A. Crawford, B.A. (Wisconsin). *Botany*—William G. Marquette, B.A. (Wisconsin), now assistant; Ruth F. Allen, B.S. (Wisconsin). *Physics*—Willibald Weniger, B.A. (Wisconsin); R. A. Wetzler, B.S. (Minnesota); W. E. Wickenden, B.S. (Dennison); Elmer H. Williams, B.A. (Wisconsin); Archie S. Worthing (Wisconsin); Vernon A. Suydam, B.L. (Wisconsin); V. P. Spence, A.B. (Northwestern). *Zoology*—A. B. Clawson, B.S., M.S. (Michigan). *Civil Engineering*—R. F. Ewald, B.S. (Wisconsin).

THE MUSEUM OF THE BROOKLYN INSTITUTE.

ON June first the central section of the museum of the Brooklyn Institute was opened to the public, as well as the halls that have been temporarily closed, owing to the installation of new collections and the rearranging of the picture galleries. The ethnological collections obtained by Mr. Culin during two seasons' work in Arizona and New Mexico are shown for the first time. They occupy the hall formerly devoted to casts from the antique, and comprise a well-balanced series illustrating the arts and industries of the

Pueblo Indians, while special attention has been given to objects pertaining to their religious ceremonies. There are thus displayed about 200 small figures representing the costumes worn by the dancers and 100 of the actual masks worn on these occasions, this being much the most complete collection in any museum.

The natural history collections have been completely rearranged during the past year and extensive additions made to them, but, owing to the architectural features of the central section a thoroughly systematic arrangement will not be possible until the completion of the new wing now in process of construction. Among the special collections still in process of installation may be mentioned one illustrating the problem of flight and the various adaptations by which it has been solved in nature, and one illustrating individual, sexual, seasonal and geographic variation. The latter includes eight of the thirteen sub-species of horned owls recognized by Mr. Oberholser, the contrast between the Alaskan, Hudsonian and desert forms being very striking. A group of Ellesmere Land musk oxen, *Ovibos moschatus wardi*, has also been placed on exhibition, which includes an old male, a female and yearling from the same herd.

AWARD OF THE BARNARD MEDAL.

THE Barnard medal of Columbia University has been awarded to M. Henri Becquerel. In making this award at the recent Columbia exercises, President Butler said: "In accordance with the terms of the will of Frederick A. P. Barnard, tenth president of Columbia University, a gold medal is established, known as the Barnard medal for meritorious service to science. This medal is awarded at commencement at the close of every quinquennial period, to such person, if any, whether a citizen of the United States or of any other country, as shall, within the five years next preceding, have made such discovery in physical or astronomical science, or such novel application of science to purposes beneficial to the human race, as, in the judgment of the National Academy of Sciences, of the

United States, shall be deemed most worthy of such honor. The Barnard medal was first awarded at the commencement of 1895, to Lord Rayleigh, and to Professor (now Sir) William Ramsay. At the commencement of 1900 the Barnard medal was awarded to Professor Wilhelm Conrad von Röntgen. On the nomination of the National Academy of Sciences, the award for 1905 is made to Henri Becquerel, member of the Institute of France, for important discoveries in the field of radio-activity, and for his original discovery of the so-called dark rays from uranium, which discovery has been the basis of subsequent research into the laws of radio-activity, and of our present knowledge of the same."

*THE AMERICAN ANTHROPOLOGICAL
ASSOCIATION.*

THE American Anthropological Association will meet in San Francisco, California, August 29-31. It is planned to combine the meeting with an excursion by the association to the Lewis and Clark Centennial Exposition at Portland. Arrangements will be made facilitating the visit by members of the association to educational and other points of interest on the Pacific Coast. This will be the first meeting of the association, or of any body of national scope devoted to anthropology, held on the Pacific Coast, and a large attendance from the western states is expected. Professor F. W. Putnam will preside.

Titles of papers and applications for membership should be sent to Dr. A. L. Kroeber, secretary of the committee on arrangements, Affiliated Colleges, San Francisco, or to Dr. George G. MacCurdy, secretary of the association, Yale University, New Haven, Conn. The headquarters of the association will be the Museum of the Department of Anthropology of the University of California, Affiliated Colleges, San Francisco. Further information in regard to special railway rates and other arrangements connected with the meeting may be obtained from Dr. MacCurdy.

SCIENTIFIC NOTES AND NEWS.

PRINCETON UNIVERSITY has conferred the degree of Doctor of Laws on Professor Charles

Augustus Young, who has this year become professor emeritus of astronomy, after holding the chair at Princeton since 1877.

COLUMBIA UNIVERSITY has conferred the degree of Doctor of Science on Dr. R. S. Woodward, who has resigned the chair of mechanics and mathematical physics to accept the presidency of the Carnegie Institution.

OXFORD UNIVERSITY will on June 28 confer its Doctorate of Science on George H. Darwin, F.R.S., professor of astronomy at Cambridge.

THE University of Manchester has conferred the honorary degree of LL.D. on Dr. Nicholas Murray Butler, president of Columbia University.

SYRACUSE UNIVERSITY has awarded the degree of LL.D. to Professor David Eugene Smith, who holds the chair of mathematics at Teachers College, Columbia University.

THE University of Colorado has conferred the degree of Doctor of Laws upon Dr. Richard W. Corwin, chief surgeon of the Colorado Fuel and Iron Co.

COLUMBIA UNIVERSITY has conferred the degree of M.S. on George Francis Sever, professor of electrical engineering in the university, and on Frederick A. Goetze, superintendent of buildings and grounds.

MR. W. T. BRIGHAM, director of the British Museum of Ethnology at Honolulu, has been given the degree of Doctor of Science by Columbia University. He was presented by Dr. H. C. Bumpus, director of the American Museum of Natural History.

PROFESSOR H. A. LORENTZ, of Leiden, has been elected a corresponding member of the Berlin Academy of Sciences.

AT the commencement exercises of the University of Pennsylvania a portrait of Dr. William Osler was presented by Professor Howard M. Fussell, on behalf of the classes from '85 to '91, who studied under Dr. Osler when he occupied the chair of clinical medicine at the university.

THE Glasgow University Club of London held its annual dinner on May 26, when Sir William Ramsay presided. Lord Kelvin was