

The Association of American Geographers.—December 31–January 1. President, Cyrus C. Adams, New York City; secretary, Albert P. Brigham, Colgate University.

The American Society of Zoologists.—December 27, 28, 29. President (Eastern Branch), Professor W. E. Castle, Harvard University; secretary, Professor H. S. Pratt, Haverford College. President (Central Branch), Professor C. C. Nutting, University of Iowa; secretary, Professor T. G. See, University of Michigan.

The Association of Economic Entomologists.—December 28, 29. President, A. H. Kirkland, Malden, Mass.; secretary, A. F. Burgess, Columbus, O.

The Society of American Bacteriologists.—President, Dr. E. F. Smith, U. S. Department of Agriculture; secretary, Professor S. C. Prescott, Massachusetts Institute of Technology.

The American Physiological Society.—December 27, 28, 29. President, Professor W. H. Howell, the Johns Hopkins University; secretary, Professor Lafayette B. Mendel, 18 Trumbull St., New Haven, Conn.

The Association of American Anatomists.—December 27, 28, 29. President, Professor Franklin P. Mall; secretary, Professor G. Carl Huber, 333 East Ann St., Ann Arbor, Mich.

The Botanical Society of America.—December 27, 28, 29. President, Dr. F. S. Earle; secretary, Dr. William Trelease, Missouri Botanical Garden, St. Louis, Mo.

The American Psychological Association.—December 27–28. President, Professor James R. Angell, University of Chicago; secretary, Professor Wm. Harper Davis, Lehigh University.

The American Philosophical Association.—December 27–29. President, Professor William James, Harvard University; secretary, Professor John Grier Hibben, Princeton University.

The American Anthropological Association.—December 27–January 3. President, Professor F. W. Putnam, Harvard University; secretary, Dr. Geo. Grant MacCurdy, Yale University, New Haven, Conn.

The American Folk-lore Society.—December 27–January 3. President, Dr. A. L. Kroeber, University of California; secretary, W. W. Newell, Cambridge, Mass.

New York State Science Teachers Association.—December 26, 27. President, John F. Woodhull, Teachers College, Columbia University.

All railways have granted a rate of one and one third fare for the round trip to those attending the meeting. Certificates should

be obtained for the meeting of the American Association for the Advancement of Science.

SCIENTIFIC NOTES AND NEWS.

DR. WILLIAM H. WELCH, professor of pathology in the Johns Hopkins University, and Dr. Henry S. Pritchett, president of the Carnegie Foundation, have been elected trustees of the Carnegie Institution.

THE New York Academy of Sciences held its annual meeting on December 17. Following the dinner Dr. N. L. Britton, director of the New York Botanical Garden, gave the presidential address. The officers for next year are as follows:

President: Nathaniel L. Britton.

Vice-Presidents: Section of Biology, H. E. Crampton; Section of Geology and Mineralogy, Amadeus W. Grabau; Section of Astronomy, Physics and Chemistry, Charles C. Trowbridge; Section of Anthropology and Psychology, Robert MacDougall.

Corresponding Secretary: Richard E. Dodge.

Recording Secretary: Edmund Otis Hovey.

Treasurer: Emerson McMillin.

Librarian: Ralph W. Tower.

Editor: Chas. Lane Poor.

Councilors: To serve three years, William M. Wheeler, Charles Baskerville.

Finance Committee: John H. Caswell, George F. Kunz, Frederic S. Lee.

PROFESSOR T. W. RICHARDS has been elected an honorary member of the Royal Institution of Great Britain.

MR. ALEXANDER AGASSIZ has chartered the steam yacht *Virginia* for a cruise to the West Indies. The yacht will sail from New York the first week in February to be absent for three months.

PROFESSOR RICHARD E. DODGE, of Teachers College, Columbia University, has been made an honorary member of the Royal Geographical Society of Australasia. He will contribute a paper on 'The Geographer and School Geography' to the twenty-first anniversary meeting, at Queensland.

The Journal of the American Medical Association states that the fact that the Nobel prize this year has been awarded to Cajal and Golgi has roused their compatriots to do them

exceptional honor. It has been proposed that one street in Madrid and one in Pavia be named after Cajal and Golgi, respectively, and the name of Golgi is to be given to one of the hospitals of Pavia. Various other projects also are being discussed. It is reported that Cajal may be knighted and made a senator for life and that endowed prizes may be given in his name.

PROFESSOR JOHN R. S. STERRETT, of Cornell University, sailed on December 15 for Athens with a party which will spend two years in archeological field work in the near east.

MR. WILLIAM E. D. SCOTT, curator of ornithology at Princeton University and director of the Worthington Society for the Investigation of Bird Life, is spending the winter at Trudeau, New York, in the interest of his health, on a six months' leave of absence from the laboratory of the Worthington Society at Shawnee, Pennsylvania.

PROFESSOR G. W. A. LUCKEY, of the department of education of the University of Nebraska, has been given a leave of absence for the next semester to allow him to go abroad to study secondary education in European countries.

DR. R. S. WOODWARD, president of the Carnegie Institution, gave an address on 'Technical Education' at the meeting of the Washington Society of the Massachusetts Institute of Technology on December 12.

DR. WILLIAM R. BROOKS, director of the Smith Observatory and professor of astronomy at Hobart College, Geneva, N. Y., delivered two illustrated astronomical lectures recently before the Franklin Institute, Philadelphia. The subjects were 'Other Worlds than Ours' and 'The Evening and Morning Stars.'

SIR VICTOR HORSLEY'S Hughlings Jackson lecture before the Neurological Society of the United Kingdom on November 29 was entitled 'The Illustration by Recent Research of Dr. Hughlings Jackson's Views on the Functions of the Cerebellum.'

ON December 12, 1906, in the chapel of the University of Nashville, a portrait of Gerard Troost was unveiled with appropriate cere-

monies. Troost was the pioneer geologist of the state of Tennessee, was state geologist from 1831 to 1850, and was professor of geology, mineralogy and chemistry in the University of Nashville from 1828 to the time of his death in 1850. Addresses were made by James D. Porter, LL.D., chancellor of the university; J. I. D. Hinds, Ph.D., LL.D., professor of chemistry, and P. H. Manning, A.M., professor of geology. The geological building and the cabinet which it contains have also been named in honor of Gerard Troost.

A STATUE of the late Principal Viriamu Jones, F.R.S., first principal of the University College of South Wales and Monmouthshire and the first senior vice-chancellor of the University of Wales, was unveiled at Cardiff on December 1 by Viscount Tredegar. The statue, which is the work of Mr. Goscombe John, A.R.A., has been placed temporarily in the new city hall, but will be removed to the new college buildings when they are completed.

MR. ARTHUR VAUGHAN ABBOTT, a well-known electrical engineer in New York City, author of important works on telephony and electrical transmission of energy, has died from pneumonia at the age of fifty-two years.

FITZHUGH TOWNSEND, A.B., E.E., instructor in electrical engineering at Columbia University, died of typhoid fever on December 11, at the age of thirty-four years.

SIR EDWARD J. REED, F.R.S., chief constructor of the British navy from 1863 to 1870 and later lord of the treasury and member of parliament, died on November 30, aged seventy-six years.

THE Central Branch of the American Society of Naturalists and Affiliated Societies will hold its next annual meeting during the Easter vacation, at the University of Wisconsin. There will consequently be no conflict with the convocation week meeting in New York City.

THE following lectures will be given during the winter by Lewis M. Haupt, Sc.D., professor of civil engineering of the Franklin Institute, Philadelphia. 'The Chesapeake and

Delaware Canal as the Keystone of the Coastwise System,' before the Franklin Institute, December. 'The Relation of the Government to its Waterways,' at the Carnegie Institute, Pittsburg, January 10, to be followed by an address to the Pittsburg Board of Trade on the 'Railroad Crisis,' on the next evening, January 11. The Connecticut Society of Civil Engineers will entertain Professor Haupt at its annual banquet on February 12 (Lincoln's birthday), when it will hear his address on 'Transportation Economics.' On Washington's birthday he will address the students of the Sheffield Scientific School at New Haven on 'Commercial Waterways and their Economics.' The College of Engineering of Cornell University has in view a lecture on the 'Isthmian Canals' at a date to be determined.

At the anniversary meeting of the Royal Society it was announced that in May last the council learned that the funds (£36,000) provided by the British South Africa Company for the South African meridian arc had been exhausted. The arc had been extended beyond the Zambezi towards Lake Tanganyika, but a gap of 120 miles existed in the middle of it. It was estimated that £1,600 was required to fill this gap, and the matter was most urgent in view of the pending disbandment of the surveying parties. The officers had intimated by authority from the president that the Royal Society would probably be able to subscribe £300 from its private funds on condition that the remainder of the money required were provided; and, on the strength of this information, Sir G. Darwin obtained a promise of £800 from the British South Africa Company, £100 from the Royal Geographical Society, £100 from Wernher, Beit and Co., and cabled to Sir David Gill that the surveying party was to proceed, thus assuming responsibility for the remaining £300. This £300 has since been subscribed by the British Association from its special South African fund.

WE learn from the London *Times* that what is probably the largest male mandrill (*Papio mormon*) ever received at the London Zoolog-

ical Gardens has just been deposited, and will be exhibited in the open-air cage at the west end of the monkey-house. At present it is in temporary quarters in a stout traveling cage on the green at the back of the anthropoid house. Lest unwary visitors should be tempted to overstep the low railing and feed the mandrill, the cage bears a label, 'This animal is dangerous.' This baboon, native in West Africa, from Senegambia to the Congo, presents a remarkable appearance from its ungainly form and strange coloration. Its body is stoutly built, with short powerful limbs and massive head sloping from the occiput to the muzzle; the ears are small and triangular, and the large circular nostrils pig-like in having a raised border. No other baboon shows such striking color contrasts; the fur is blackish olive, the nose red, and on each side of the face are large transverse sausage-shaped swellings of a light blue tint with the grooves between them deep purple; the beard is citron yellow, and the seat pads are scarlet. No large mandrill has been exhibited in the gardens for nearly thirty years; in 1878 a female in the collection produced a hybrid young one to a male macaque (*Macacus cynomolgus*). A young Kashmir stag (*Cervus cashmirianus*) has been presented by the Duke of Bedford, from the herd at Woburn, and placed in the deer sheds. Only once before has the species been represented in the collection, and from the official catalogue that appears to have been so long ago as 1865. This deer is somewhat larger than the red deer; dark reddish brown above, lighter beneath and the rump patch dirty white. There is no cup in the antlers, and the tines on each side are normally five, though eight have been noted in Mr. Rowland Ward's 'Records of Big Game.' In the pairing season old stags squeal like wapiti instead of roaring like red deer, and the spotting in the fawns persists much longer than it does in fawns of the last-named species. Captain Pam has once more presented a fine collection of South American birds, principally tanagers and finches, most of which are now on view in the insect-house. The only species determined as new to the

collection is a green toucan (*Aulacorhamphus sulcatus*), though a grosbeak and two siskins remain to be identified.

UNIVERSITY AND EDUCATIONAL NEWS.

ANNOUNCEMENT has been made by President Charles F. Thwing that gifts of \$100,000 each have been made to Western Reserve University, Cleveland, O., by Mr. H. M. Hanna and Colonel Oliver H. Payne. The \$200,000 thus subscribed is to be used in establishing and endowing a laboratory of experimental medicine in the medical school. A professorship of experimental medicine has been created and Professor George N. Stewart, of the University of Chicago, has been elected to the chair, the first of its kind, it is said, to be created in this country.

THE trustees of Hobart College have accepted the proposition of Mr. William Smith, of Geneva, N. Y., to found a woman's college. The name of the new college will be the William Smith College for Women, and it will have an endowment of about \$350,000. The new college will have five members on the board of trustees, two of whom must be women. Two new buildings will be erected, a dormitory and a biological and psychological laboratory, to be known as the William Smith Hall of Science.

MR. JOHN D. ROCKEFELLER has sent word to the Board of Foreign Missions of the United Presbyterian Church that he will give \$100,000 toward educational work in Egypt and the Soudan.

A 'CARL SCHURZ memorial professorship' is to be established at the University of Wisconsin as a result of the movement recently started in Milwaukee by a number of prominent German-Americans. The plan is to raise an endowment of \$50,000, the income of which will be used for the establishment of an annual course of lectures at the state university, to be given by prominent professors of German universities. It is hoped that the establishment of this new chair will lead to an exchange of professors between the University of Wisconsin and German universities.

PRESIDENT PLASS, of Washburn College, Topeka, Kans., a congregational institution, has announced that Mr. Andrew Carnegie has offered to give the college a second \$50,000 for its endowment fund, provided the total endowment reaches \$200,000 by January 1, 1908.

ACCORDING to a cablegram from Tokio members of the Furukawa family, who are prominent Japanese mine owners, have given 1,000,000 yen (about \$500,000) to establish the nucleus of new universities at Fukuoka, Sapporo and Sendai.

As a result of Bishop O'Connell's mission to Japan the Vatican will establish shortly a Catholic University at Tokio. It will be controlled by Jesuits of the American province.

DR. A. LAWRENCE ROTCH, the founder and director of the Blue Hill Meteorological Observatory, has been elected professor of meteorology at Harvard University.

DR. A. E. HALSTEAD has been elected professor of surgery in the Northwestern University Medical School.

At the annual meeting of the trustees of Oberlin College on December 5 it was voted that under the provisions of the Carnegie Foundation retirement is to be at the option of the teacher or college at the age of sixty-five, but obligatory at sixty-eight. The office of dean of the college of arts and sciences was created, and Charles E. St. John, professor of physics, was elected to the office. Mr. Earl F. Adams, now at Harvard University on leave of absence, was made associate principal and associate professor of physics in the academy. Dean Edward T. Bosworth was granted leave of absence for the second semester. Two associate professorships were created, one in English and one in political science. The bids for the new library exceed the \$125,000 given by Mr. Carnegie. After some modifications in the plans bids will be obtained again.

MR. F. J. DYKES, M.A., fellow of Trinity College, Cambridge, late lecturer in mechanics at the Royal Naval College, Portsmouth, has been appointed lecturer in mechanics at Trinity College.