

of poultry husbandry, Cornell University. W. R. Graham, manager and lecturer, poultry department, Ontario Agricultural College.

Veterinary Medicine.—Professor James Law, director of the New York State Veterinary College, and professor of principles and practice of veterinary medicine, veterinary sanitary science and parasitism; Professor V. A. Moore, professor of comparative and veterinary pathology and bacteriology, and of meat inspection, New York State Veterinary College. Professor J. W. Connaway, professor of veterinary science, University of Missouri.

Entomology.—Dr. L. O. Howard, chief, U. S. Bureau of Entomology; Professor S. A. Forbes, professor of zoology, University of Illinois; Professor M. V. Slingerland, assistant professor of economic entomology, Cornell University; P. J. Parrott, entomologist, New York Agricultural Experiment Station; Dr. James G. Needham, assistant professor of limnology, Cornell University; Dr. A. D. MacGillivray, assistant professor of entomology, Cornell University; Dr. W. A. Riley, assistant professor of entomology, Cornell University; Professor E. Dwight Sanderson, director and entomologist, New Hampshire Agricultural Experiment Station.

SCIENTIFIC NOTES AND NEWS

THE annual session of the National Academy of Sciences will be held in Washington, D. C., beginning Tuesday, April 21, at 11 A.M. The place of meeting will be the Smithsonian Institution. Dr. Arthur L. Day, director of the Geophysical Laboratory of the Carnegie Institution of Washington, invites the members interested to inspect the laboratory on April 22, at 4:30 P.M. The members of the academy are invited by the Smithsonian Institution to attend the Hamilton lecture in the Hubbard Memorial Hall on Wednesday evening, April 22, 1908, at 8:30. The lecture will be given by Professor George E. Hale, of the Solar Research Observatory, Mount Wilson, California; his subject being "Some Recent Advances in our Knowledge of the Sun."

THE American Philosophical Society, Philadelphia, will hold a general meeting on April

23, 24 and 25. The opening session will be held on Thursday afternoon, April 23, at 2:30 o'clock, in the hall of the society in Independence Square. The morning sessions are from 10:30 A.M. to 1 P.M., and the afternoon sessions from 2:30 to 5. Luncheon for the members will be served in the rooms of the society on Friday and Saturday. A reception will be held in the hall of the Historical Society of Pennsylvania on Friday evening, April 24, at the conclusion of a lecture by Professor Henry F. Osborn on "Results of the American Museum Exploration in the Fayûm Desert of Northern Egypt." The annual dinner of the society will be held at the Bellevue-Stratford, on Saturday evening, at 7:30 o'clock.

PROVISION will be made by the Canadian government in the estimates for the coming financial year for a grant of \$25,000 by the Dominion parliament towards the expenses of the visit of the British Association to Winnipeg. The city of Winnipeg proposes to make a grant of \$5,000. The week of the meeting will probably be from August 25 to September 1, 1909.

DR. W. M. DAVIS, Sturgis-Hooper professor of geology, has been selected by the German government as Harvard visiting professor at the University of Berlin for the academic year 1908-9. Professor Davis's term of service will probably fall in the second semester.

MAJOR GENERAL A. W. GREELY, eminent for his arctic explorations and his services to meteorology, having reached the age of sixty-four years on March 27, was transferred to the retired list in accordance with law.

PROFESSOR ALFRED MARSHALL, of Cambridge University, who succeeded the late Professor Henry Fawcett in the year 1884, intends to resign the professorship of political economy, at the beginning of the Easter term.

DR. THEOBALD SMITH, professor of comparative pathology at Harvard University, has been elected honorary fellow of the Society of Tropical Medicine and Hygiene of London and honorary member of the recently organized Société de Pathologie Exotique, Institut Pasteur, Paris.

DR. A. A. MICHELSON, professor of physics in the University of Chicago, has been elected an honorary member of the Royal Irish Academy.

AMONG those on whom the University of Aberdeen has decided to confer the honorary degree of LL.D., at the graduation ceremony in April, is Professor W. D. Halliburton, F.R.S., of King's College, London.

DR. LEO S. ROWE, of the faculty of the Wharton school of finance and economy of the University of Pennsylvania, has received the honorary degree of doctor of laws from the National University of La Plata.

DR. D. P. PENHALLOW, professor of botany in McGill University, has been elected a governor's fellow, to serve on the corporation in the place of the late Dr. Harrington.

DR. and MRS. N. L. BRITTON and Dr. Arthur Hollick, of the New York Botanical Garden, sailed for Kingston, Jamaica, on February 22. They planned to make collections at the western end of the island, and a Bahamian schooner has been chartered for this purpose. It is expected that a stop will be made in eastern Cuba on the return voyage early in April.

PROFESSOR V. L. KELLOGG, of Stanford University, will be in Europe from April to December of this year. His address is care French, Lemon and Co., Florence, Italy.

PROFESSOR HERBERT F. ROBERTS, of the Kansas State Agricultural College and Experiment Station, leaves for Europe in May, returning about the middle of September. He is commissioned from the Kansas Experiment Station to inspect the wheat regions of central and southern Europe in search of superior sorts of hard wheats for introduction into Kansas.

DR. J. E. CLARK, professor of chemistry in the Central University of Kentucky, sailed on March 14 for Naples, to remain abroad till next fall. He expects to spend three months at the University of Berlin.

DR. A. S. ALEXANDER, professor of veterinary science in the College of Agriculture of the University of Wisconsin, has been ap-

pointed a member of the committee which will arrange a proper representation at the Ninth International Veterinary Congress, which is to meet this year at The Hague.

PROFESSOR J. J. GREEN, formerly in charge of the electrical engineering department of Notre Dame University, has gone abroad to make a tour of the more notable electrical plants of Europe, and to attend the Marseilles International Electrical Exposition.

ALEXANDER C. LANIER, assistant professor of electrical engineering in the University of Cincinnati, has resigned and will proceed with higher studies in the Harvard Graduate School of Applied Science.

JOSEPH W. HAYWARD, assistant professor of mechanical engineering at McGill University, has resigned in order to enter outside engineering work.

THE Bakerian lecture of the Royal Society was delivered on March 26, by Professor C. H. Lees, F.R.S., his subject being "The Thermal Conductivities of Solids."

THE Ohio State University chapter of Sigma Xi will conclude its annual lecture course on April 9 with a lecture by Professor Francis E. Nipher, of Washington University, St. Louis. Professor Nipher will speak on "The Limits of Scientific Thinking." On January 7 Professor Wallace C. Sabine addressed the society and its friends on "Optical Resolving Power in its Application to Biological Problems." Dr. H. G. Wells, of the University of Chicago, delivered a lecture on March 24. The title of his lecture was "The Present Status in the Search for the Cause of Tumor Formations."

THE Syracuse chapter of Sigma Xi held an open meeting in the new Lyman Hall of Natural History on March 20, when Professor Clement D. Child, of Colgate University, gave a lecture on "Some Phenomena connected with the Electric Arc."

THE Royal Society, the Royal Geographical Society and Trinity House have undertaken the expense of a memorial to the late Sir Leopold McClintock in Westminster Abbey, with the consent of the dean and chapter.

The memorial will consist of an alabaster slab, to be placed underneath the monument to Sir John Franklin, whose fate was definitely ascertained by Sir Leopold during his celebrated expedition on board the *Fox*. The inscription will be as follows: "Here also is commemorated Admiral Sir Leopold McClintock, 1819-1907. Discoverer of the Fate of Franklin in 1859."

DR. EDOUARD ZELLER, the eminent historian of philosophy, professor in the University of Berlin, from 1872 until his retirement from active service in 1895, died on March 19, at the age of ninety-four years.

SIR JOHN ELIOT, F.R.S., director general of Indian Observatories and meteorological reporter to the governor of India from 1886 to 1903, eminent for his services to meteorology, has died at the age of fifty-eight years.

THE Prague journals announce the death in that city, on March 11, of Professor Josef Hlávka, a distinguished architect, patron of science and art, and president of the Bohemian Academy of Sciences and Art. The deceased, whose gifts for archeological and other research were very large, bequeathed the sum of 5,000,000 crowns, or about five sixths of his whole property, for the purposes of advancing Bohemian research and art, and for aiding talented but needy students of Bohemian nationality. The funds are to be expended under the auspices of the academy.

THE U. S. Civil Service Commission announces an examination on April 29, 1908, to fill at least three vacancies in the position of magnetic observer (temporary) in the Coast and Geodetic Survey, and vacancies requiring similar qualifications as they may occur. The salaries will range from \$60 to \$75 a month, according to the character of the work and the qualifications of the applicant; and in exceptional cases where the person employed has had repeated experience in magnetic work the salary may reach \$100 a month. Appointments to permanent positions are made from the examination for laboratory assistant in the Bureau of Standards.

THE next meeting of the Astronomical and Astrophysical Society of America will be held

at Put-in-Bay Island, Lake Erie, on August 25 and succeeding days.

THE Smithsonian Institution has learned, through the Department of State, that the Second International Archeological Congress will hold its meeting at Cairo, Egypt, at the Latin Easter, in 1909. The congress will be opened under the presidency of the Khedive.

UNIVERSITY AND EDUCATIONAL NEWS

THE Kentucky legislature, just adjourned, changed the name of the College of Agriculture and the Mechanic Arts to the State University and appropriated to it \$200,000 in addition to what it has already been receiving; \$30,000 of this amount is to be annual. At the same time it appropriated \$150,000 each to the two new State Normal Schools. The legislature also changed the name of "Kentucky University," a denominational institution, back to Transylvania University.

MRS. L. V. MORGAN, of Harrison, Ohio, has donated to the State University of Iowa the extensive botanical collections of her husband, the late Professor A. P. Morgan. The donation includes the entire herbarium, together with accompanying books and pamphlets. These collections have been assigned a place in one of the new fire-proof buildings on the Iowa campus. The herbarium represents, better than any other in the country, the rich mycologic flora of the lower Ohio valley, and owing to the eminence of Professor Morgan as a student of mycology must ever remain of extreme historic importance.

DURING the present winter semester, there studied in the German medical schools 151 women, while in the Swiss medical schools the number was 1,129.

DR. JOHANNES VON KRIES, professor of physiology at Freiburg, has been called to Munich as the successor of the late Professor Karl von Voit.

DR. FRITZ RINNE, professor of geology at the Hanover Technological School, has been called to a chair at Königsberg.