

- 1918: William Beebe—A Monograph of the Pheasants.  
 1919: Robert Ridgway—Birds of North and Middle America (Part VIII).  
 1920: Othenio Abel—Methoden der Paleobiologischen Forschung.  
 1921: Bashford Dean—A Bibliography of Fishes (Volume I).  
 1922: William Morton Wheeler—Ants of the American Museum Congo Expedition.  
 1923: Ferdinand Canu—North American Later Tertiary and Quaternary Bryozoa.  
 1924: Henri Breuil—Les Combarelles des Eyzies.

HENRY FAIRFIELD OSBORN, *Chairman*,  
 American Museum of Natural History  
 CHARLES D. WALCOTT,  
 Smithsonian Institution  
 FREDERIC A. LUCAS,  
 American Museum of Natural History

### SCIENTIFIC NOTES AND NEWS

THE regular spring meeting of the executive committee of the American Association for the Advancement of Science will take place at the Cosmos Club in Washington on Sunday, April 25. Communications for consideration by the committee should be in the hands of the permanent secretary by April 20.

PROFESSOR A. S. HITCHCOCK celebrated the completion of twenty-five years of service in the U. S. Department of Agriculture by a luncheon at the Cosmos Club on March 4, to which were invited his colleagues in the Bureau of Plant Industry and the National Herbarium, who had also completed twenty-five years of service. The U. S. National Herbarium was represented by Dr. Frederick V. Coville (appointed July 5, 1888), Dr. J. N. Rose (appointed August 10, 1888) and Dr. W. R. Maxon (appointed January 9, 1899). The secretary of agriculture was also a guest.

AN oil painting of William Lochhead, emeritus professor of entomology and zoology in Macdonald College of McGill University, was unveiled on March 17 by Sir Arthur Currie, vice-chancellor and principal of the university. The portrait was painted by Mr. G. Horne Russell, president of the Royal Canadian Academy, on subscription of a large number of Professor Lochhead's colleagues, former pupils and other friends.

DR. H. M. HALL, taxonomist and ecologist of the Carnegie Institution of Washington, has been elected a corresponding member of the Botanical Society of Geneva, for services rendered to botanical science.

DR. HARRY PLOTZ, of the Portius Institute, was recently made a foreign member of the Société de Pathologie Comparée.

OXFORD UNIVERSITY has conferred honorary M.A.

degrees on Dr. Joseph Burt-Davy and Mr. Robert Chrystal, both of the Imperial Forestry Institute, of Oxford.

THE University of Aberdeen will confer the honorary degree of LL.D. on Professor F. W. Oliver, professor of botany in University College, London; Dr. R. W. Reid, emeritus professor of anatomy in the University of Aberdeen, and on Professor T. B. Wood, professor of agriculture in the University of Cambridge.

THE Meldola medal of the Institute of Chemistry, England, was presented to Dr. Henry Phillips at a meeting of the institute on March 1.

THE Barclay Memorial Medal for 1925 of the Asiatic Society of Bengal has, according to *Nature*, been awarded to Lieut.-Col. J. Stephenson, lecturer in natural history in the University of Edinburgh, in recognition of his work as a biologist and as the founder of the School of Zoology in Lahore.

DR. OSKAR VON MILLER, pioneer in hydro-electric work in Germany, was made the recipient of the Grashof medal by the German Society of Engineers on the occasion of his seventieth birthday. The award is the highest order of merit conferred by the society.

PROFESSOR KARL VON DEN STEINEN, Berlin, well known by his anthropological explorations in Central Brazil, and Baron Erland Nordenskiöld, of the Göteborg Museum, have been elected honorary members of the Paris Société des Américanistes.

THE French Academy of Sciences has awarded the Lallemand prize to Dr. Piera Locatelli, assistant in the institute of general pathology and histology at the University of Pavia, for his work on the influence of the nervous system on regeneration processes.

DR. F. A. BATHER, of the British Museum of Natural History, has been elected president of the Geological Society of London.

WILLIAM REAVELL, head of Reavell and Co., England, has been elected president of the British Institution of Mechanical Engineers.

PROFESSOR VICTOR LENHER, of the department of chemistry at the University of Wisconsin, has been appointed research consultant in the United States Army chemical warfare service.

JAMES M. PICKENS, of the U. S. Bureau of Animal Industry, has been appointed editor for the Bureau of Plant Industry to succeed the late J. E. Rockwell.

THE following members of the college of arts and sciences of Cornell University have been granted leaves: Harry P. Weld, professor of psychology, second term, 1926-27; Dr. Earl H. Kennard, assistant

professor of physics, both terms, 1926-27; Carleton C. Murdock, assistant professor of physics, first term, 1926-27; Arthur W. Browne, '03, professor of chemistry, second term, 1925-26.

PROFESSOR LEWIS A. BRIGHAM, of Boston University, has been granted a two years' leave of absence to work at the Lick Observatory, Mt. Hamilton, Calif.

MARY J. GUTHRIE, assistant professor of zoology at the University of Missouri, has been granted leave of absence for the next academic year.

DR. GERRIT S. MILLER, mammalogist of the Smithsonian Institution, is leaving for the Gulf of Mexico on a collecting expedition to obtain specimens for the U. S. National Museum.

DR. WILLIAM TALIAFERRO, associate professor of parasitology at the University of Chicago, accompanied by Mrs. Taliaferro, will leave early in April for Honduras, where they are going for the purpose of making a scientific study of malaria.

DR. ALEJANDRO CEBALLOS, associate professor in the Medical School of the University of Buenos Aires, has been visiting medical schools and hospitals in the United States.

DR. F. WOOD-JONES, professor of anatomy in the medical school of the University of Adelaide, Australia, is visiting the United States.

THE Hooker lecture of the Linnean Society will be delivered this year by Professor Carl Schröter, foreign member of the society, of Zurich, on April 15, and will be entitled "The Swiss National Park and Scientific Researches into its Nature."

THE sixth biennial Sydney Ringer lecture was delivered at University College Hospital Medical School by Dr. G. V. Anrep on March 4 on the subject of the regulation of the coronary circulation.

PROFESSOR MAX BORN addressed a joint meeting of the Philosophical Society of Washington, the Washington Academy of Sciences and the Chemical Society on March 18 on the subject of "New Methods in the Quantum Theory."

PROFESSOR CHARLES E. SCHUCHERT, of Yale University, gave several popular lectures on geology on March 18, 19 and 20 at the Texas Agricultural and Mechanical College, College Station, Texas. Following these lectures he planned to attend the annual meeting of the American Association of Petroleum Geologists at Dallas on March 25, 26 and 27.

PROFESSOR FLORIAN CAJORI, of the University of California, lectured on March 11 in Baton Rouge, at the Louisiana State University, on "The Development of Algebraic Notations," and on March 12 and 13 in New Orleans, at the Newcomb College, on "Women

Prominent in the Mathematical Sciences," before the New Orleans Academy of Sciences on "The History of the Principle of the Conservation of Energy" and before the Louisiana and Mississippi section of the Mathematical Association of America on "Origins of Fourth Dimension Concepts."

At the March meeting of the New York Electrical Society held in commemoration of the fiftieth anniversary of the invention of the telephone by Alexander Graham Bell, Dr. Colin G. Fink, of Columbia University, discussed the recent advances in the "Electrodeposition of Metals." The second speaker of the evening was Dr. F. F. Lucas, of the Bell Telephone Research Laboratories. With the aid of a series of microphotographs, Dr. Lucas reviewed his years of research on the application of the "Ultra-Microscope in Metallography."

PROFESSOR ANTON J. CARLSON, professor of physiology at the University of Chicago, lectured on the subject, "Organotherapy," on March 4, at the University of Michigan.

DR. WHEELER P. DAVEY, of the Research Laboratory of the General Electric Co., lectured on February 25 on "Crystals and Crystal Structure," before the Brooklyn Institute of Arts and Sciences.

ON March 13, Professor Francis E. Lloyd, of the department of botany at McGill University, Montreal, delivered an address to the Royal Canadian Institute under the following titles: 1. "Reproduction in Water-silk." 2. "A Voracious Appetite." Moving pictures taken with the microscope illustrated the lecture.

C. E. SKINNER, assistant director of engineering of the Westinghouse Electric and Manufacturing Company, addressed the Baltimore section of the American Institute of Electrical Engineers on March 19. His subject was "Mechanical Power and Trends of Civilization."

THE Sigma Alpha Chapter of the Sigma Pi Sigma Physics Fraternity of Davidson College, Davidson, N. C., held an open meeting on March 2. Dr. R. H. Lafferty, of Charlotte, N. C., addressed the fraternity on "The X-Ray and its Modern Applications."

H. A. GOSSARD, chief of the department of entomology at the Ohio Experiment Station at Wooster, died in December, following self-inflicted wounds.

PETER KLAPHAAK, assistant pathologist in the office of sugar investigations, U. S. Bureau of Plant Industry, died recently. Mr. Klaphaak was born and educated in Holland, and did post-graduate work at the University of Michigan.

J. WHYTOCK, first president of the Botanical Society of Edinburgh, died on February 1.

DR. ALFRED PEROT, of the École Polytechnique, Paris, and physical astronomer of the observatory at Meudon, died recently at the age of sixty-two years.

M. ADRIEN ROBERT, of the Sorbonne, secretary of the Zoological Society of France, died recently at the age of fifty-eight years.

DR. W. AUTENRIETH, professor of medical chemistry at Freiberg, has died at the age of sixty-three years.

DR. KAMIL J. LHOTAK, professor of pharmacology and pharmacognosy at the Charles University, Prague, died on January 27, aged fifty years.

ACCORDING to the *Official Record* of the U. S. Department of Agriculture, W. M. Mingee and J. A. McLemore, junior entomologists engaged in the eradication of the sweet-potato weevil in southern Mississippi, with headquarters at Picayune, were found dead in the road about six miles from Picayune, Miss., on the morning of February 19, under circumstances leading to the belief that they had been shot and robbed by liquor runners. They had been slain with buckshot. The truck in which they were riding was found in Hattiesburg, Miss., 60 miles northeast, apparently having been abandoned there by one of the criminals. Two suspects were arrested.

THE United States Civil Service Commission announces an open competitive examination for editor of scientific publications in the office of the secretary, U. S. Department of Agriculture. The entrance salary for this position is \$3,000 a year. The examination is open to both men and women. The duties of this position will be to analyze the content of scientific and technical manuscripts; to determine the accuracy of the data given and the conclusions drawn; to suggest ways and means of improving the presentation from a literary standpoint and of strengthening the publication from a scientific standpoint, and to scrutinize typographical details of printing form and style.

THE seventh annual meeting of the American Geophysical Union and of its sections will be held April 29 and 30 in the building of the National Academy of Sciences and the National Research Council, Washington, D. C., with the exception noted below. April 29, 9:30 a. m. to 12:30 p. m., section of geodesy; 2:30 p. m. to 5:30 p. m., sections of volcanology and oceanography; 8:00 p. m. to 11:00 p. m., section of terrestrial magnetism and electricity (in the assembly room of the Administration Building, Carnegie Institution of Washington, 16th and P Streets, Northwest). April 30, 9:30 a. m. to 12:30 p. m., sections of meteorology and seismology; 2:30 p. m. to 5:30 p. m., general meeting of the union.

THE fourteenth annual meeting of the Eugenics Research Association will be held at Cold Spring Harbor, Saturday, June 26, 1926. This year the meeting will be held jointly with the annual meeting of the American Eugenics Society. Titles of papers should be sent to Dr. Harry H. Laughlin, secretary of the program committee of the Eugenics Research Association, Cold Spring Harbor, Long Island, N. Y., by April 15.

THE third annual meeting of British zoologists was held on January 9 in the rooms of the Zoological Society of London. Fifty-seven zoologists were present, and Professor Graham Kerr occupied the chair. The next meeting will be held on January 8, 1927.

WE learn from *Nature* that the Empire Council of Mining and Metallurgical Institutions, of London, on behalf of ten constituent bodies, has accepted the invitation of the Canadian Institute of Mining and Metallurgy to hold the second Empire Mining and Metallurgical Congress in Canada in August-September, 1927. The first Congress, from which the Empire Council arose, was held at the British Empire Exhibition, Wembley, in 1924, under the presidency of the late Viscount Long, of Wraxall.

THE Fourteenth International Geological Congress will be held in Madrid this year. The opening session, under the presidency of the King of Spain, will be on May 24. In addition to local excursions during the meeting, it has been arranged to visit, before and after the congress, places further afield, including the Balearic Islands, Morocco and the Canaries. Information may be obtained from the secretary of the organizing committee, Plaza de los Mostenses 2, Madrid.

ON February 17 members of the Columbia University chapter of Sigma Xi were guests of the scientific staff of the American Museum of Natural History for an inspection of the research laboratories of that institution. Dr. Henry Fairfield Osborn, president of the museum, made a brief address of welcome, following which the guests were divided into six groups and conducted through the laboratories, where members of the staff explained the work of each department and exhibited material under investigation or experiments in progress. The occasion was most fruitful in giving those present a better appreciation of the research activities of the museum, as distinguished from its educational work.

THE colleges and universities of southern California joined on February 27, in a geological excursion to the Elsinore trough, sixty miles southeast of Los Angeles. Professor William Morris Davis, of Harvard University, acted as leader. Dr. Davis had just completed, at Pomona College, his term as Har-

vard visiting professor for the western circuit of Grinnell, Colorado College and Pomona. The excursion was made by eleven instructors and twenty-three students from the Southern Branch of the University of California, the University of Southern California, Occidental College, California Institute of Technology, Pomona College and Riverside Junior College. There were also three guests.

THE 1926 program of the Astronomy and Physics Club of Pasadena has included the following: January 8—"Report on the Kansas City Meeting of the American Association for the Advancement of Science," Dr. Chas. E. St. John; January 15—"The Theory of Electrostatic Alternation," Dr. A. W. Simon; January 22—"Solar Variations and the Weather," N. W. Cummings; January 29—"Present Status of Stellar Interferometer Work," Mr. Francis G. Pease; February 5—"Reflection of Light from a Discontinuous Layer," Dr. Paul S. Epstein; February 12—"The Mount Wilson Experiment on Ether Drift," Dr. Dayton C. Miller; February 19—"Medical Applications of X-Rays," Dr. A. W. Simon; February 26—"The Life and Work of Augustus Fresnel," Dr. Paul S. Epstein; March 5—"Interferometer Measurements on Fine Structure of the Balmer Series," Dr. W. V. Houston, National Research Council.

THE Sigma Xi Alumni Association of the University of Pittsburgh heard the following program by the Oil and Gas School on February 25: "New Methods for appraising Oil Properties," Roswell H. Johnson. "An Investigation of the New Methods for extracting Petroleum," Ransom E. Somers. "The Oil Well Decline Curve," Leo C. Morgan. "Predicting Change of Price of Petroleum," Wm. Foraker. "Experimental Studies in the Flow of Fluids through a Porous Rock from two Entrance Points," Harold Hoffman (posthumous). "A New Barometer," I. Ivanoff.

THE Wollaston medal of the Geological Society of London was awarded to Henry Fairfield Osborn, now senior geologist of the United States Geological Survey, on February 19, as already noted in *SCIENCE*. President F. A. Bather, in his address of presentation of the medal through the American Embassy in London, concluded as follows: "During recent years he has directed a systematic search for fossils in the Cretaceous and Tertiary strata of Mongolia and large and important collections of previously unknown forms have been obtained, which he is now studying. Not his least service to science has been the foundation of a flourishing school of vertebrate paleontology, which already includes the names of a number of brilliant men of science, who are working in cordial cooperation under his inspiring leadership."

GOVERNOR HENRY L. WHITFIELD has signed the bill prohibiting teaching in state-supported schools of Mississippi that man "ascended or descended from a lower order of animals."

THE American Medical Association has begun the publication of a new special journal under the title *Archives of Pathology and Laboratory Medicine*. The first number appeared in January. The editorial board consists of the following: Ludvig Hektoen, Chicago; Simeon B. Wolbach, Boston; William Opshuls, San Francisco; James Ewing, New York; Alfred Stengel, Philadelphia; William G. MacCallum, Baltimore.

## UNIVERSITY AND EDUCATIONAL NOTES

A NEW gift of \$4,000,000 to Northwestern University for the use of the medical and dental schools has been made by Mrs. Montgomery Ward, of Chicago. About two years ago Mrs. Ward donated an equal sum for the same schools. The Montgomery Ward Memorial Building, on the McKinlock Memorial campus, is being constructed with the aid of the fund.

It is announced that the University of Chicago has raised \$7,500,000 of the \$17,000,000 development fund which the university is attempting to raise.

JUDD HALL, Wesleyan University, will be remodeled soon to provide better and adequate facilities for the departments of biology and geology. This move is made possible by the removal of the department of chemistry to the new Hall laboratory of chemistry, which is now rapidly nearing completion.

ON March 15 ground was broken for the new botany building of the college of science, literature and the arts of the University of Minnesota, to be erected and equipped at a cost of \$225,000.

THE Rockefeller Foundation has granted 3,000,000 francs to the faculty of medicine of Strasbourg to build an institute of histology and an otolaryngologic clinic and to subsidize research workers.

JAMES M. CORK, assistant professor of physics at the University of Michigan, will join the staff of the University of Manchester as exchange professor during the next school year, while J. M. Nuttall, senior lecturer and assistant director of the physical laboratories of that university, will come to Michigan.

DR. GEORGE P. CLINTON, lecturer on forest pathology in the Sheffield Scientific School, Yale University, has been appointed research associate in the university with professorial rank.