

9:30-11:30—Section Meetings.

(Sections select chairmen for next meeting at this session.)

12:00—Luncheon.

Symposium: Topic, "Interpretation of Unwritten History," Dr. Edgar L. Hewett, *chairman*.

2:00—Group Photograph.

2:00-4:00—General Session:

"Cuicuilco and the Archaic Culture of Mexico" (illustrated), Dr. Byron Cummings.

"Roman Jews in 'Terra Calalus' America from 775 to 900 A. D.," Professor C. L. Sarle.

4:00—Special entertainment for the visiting ladies.

6:30—Dinner, Medical Section, Country Club.

8:00—General Session:

Symposium: "Colorado River"—Sub-topics: Watershed, Cañon, Delta, Utilization of Colorado River.

Thursday, February 18, 1926.

9:00-10:30—Section Meetings.

(Excepting Education, which meets only three days.)

10:30-12:00—Business Meeting.

12:00—Luncheon.

Symposium: Topic, "Radiation," Dr. O. C. Lester, *chairman*.

2:00—General Session:

Symposium on general subject of Radiation.

Friday, February 19, 1926.

All day Archeological Excursion, conducted by Dr. O. A. Turney.

There was an exhibit of archeological, biological, chemical and other material open 9 a. m. to 5 p. m. daily. An unusual amount of very interesting material was included.

SCIENTIFIC NOTES AND NEWS

THE council of the Geological Society has made the following awards: Wollaston Medal to Dr. Henry Fairfield Osborn, of the American Museum of Natural History; Murchison Medal to Dr. William S. Boulton, professor of geology in the University of Birmingham; Lyell Medal to Dr. O. T. Jones, professor of geology in the University of Manchester; Wollaston Fund to A. L. Leach; Murchison Fund to W. S. Bisat; Lyell Fund to F. Raw and A. F. Hallimond.

THE faculty of medicine of the University of Toronto has awarded the Charles Mickle Fellowship for 1924 to Dr. August Krogh, professor of animal physiology in the University of Copenhagen, "on account of the far-reaching conclusions with regard to capillary circulation and the oxygen supply of the tissues which have been the outcome of his researches during the last ten years." The value of the prize is about \$1,300; previous awards have been made to Sir James

Mackenzie, Dr. Frederick G. Banting, Dr. Harvey Cushing and Professor I. P. Pawlow.

DR. ROSS G. HARRISON, professor of comparative anatomy at Yale University, will give four lectures under the Edward K. Dunham lectureship at the Harvard Medical School on February 24, 26, March 1 and March 3 at five o'clock. The subject of Dr. Harrison's lectures will be "Recent Advances in Experimental Embryology."

DR. HERBERT E. IVES, of the Bell Telephone Laboratories, past president of the Optical Society of America, has been elected a foreign fellow of the Optical Society of London.

THE Collier trophy, awarded annually by the National Aeronautic Association for the greatest achievement in aviation in the United States, has been presented to Dr. S. Albert Reed, of New York, for development of the high-speed Reed metal propeller.

THE Rivers Memorial Medal for anthropological work in the field for 1925 has been awarded by the council of the Royal Anthropological Institute to Professor C. G. Seligman for work in New Guinea, Ceylon and the Sudan.

COLONEL R. B. CRUMPTON, English electrical engineer, has been awarded the Faraday Medal of the Institution of Electrical Engineers.

LIEUTENANT-COLONEL E. GOLD, assistant director of the Meteorological Office, England, was presented with the Symons gold medal of the Royal Meteorological Society at its annual meeting on January 20.

PROFESSOR PAUL SABATIER, professor of chemistry in the University of Toulouse, and Professor E. L. Bouvier, professor of zoology (entomology) in the National Museum of Natural History, Paris, have been elected associates of the division of sciences of the Royal Academy of Sciences, Letters and Art, of Belgium; Professor Marc de Selys Longchamps, of the University of Brussels, has been elected a corresponding member of the academy.

DR. JOHANN POHLIG, professor of geology and paleontology at the University of Bonn, recently celebrated his seventy-fifth birthday.

PROFESSOR OTTO DIELS, head of the department of chemistry at the University of Kiel, celebrated his fiftieth birthday on January 23.

PROFESSOR HARRIS J. RYAN, of Stanford University, was recently honored by the establishment of the Harris J. Ryan laboratory at the university, which is being financed and equipped by a number of electric and power companies. It is hoped ultimately to spend from \$400,000 to \$500,000 on the laboratory.

At a conference of representatives of all civic organizations in Nashville, in accordance with an annual custom, Dr. William D. Haggard, president of the American Medical Association, was selected as Nashville's leading citizen for 1925. Dr. Haggard was awarded the Kiwanis loving cup, said to be the highest civic honor his community bestows.

DR. HERMAN G. WEISKOTTEN, acting dean and professor of pathology at Syracuse University College of Medicine, has been appointed commissioner of health of Syracuse in succession to Dr. Thomas P. Farmer.

DR. ISIDORE S. FALK, assistant professor of hygiene and bacteriology at the University of Chicago, has been appointed director of surveys of the Chicago Health Department and will undertake a series of statistical studies.

HAROLD PEAKE has been elected president of the Royal Anthropological Institute of Great Britain and Ireland.

At the annual meeting of the Royal Microscopical Society held on January 20 Dr. James A. Murray was elected president.

DIAMOND JENNESS has been appointed chief of the division of anthropology of the National Museum, Department of Mines, Ottawa, Canada, to fill the vacancy created by the recent resignation of Dr. Edward Sapir. In addition to the administrative duties of this position, Mr. Jenness will continue the anthropological investigations of the Arctic and Sub-Arctic Eskimos, on which he has been actively engaged since 1913.

DR. RUDOLF RUEDEMANN, of the New York State Museum, has been appointed state paleontologist by the regents of the University of the State of New York.

DR. ALLEN E. STEARN, assistant professor of physical chemistry at the University of Missouri, has been granted an extension of his leave of absence and will continue his research work with Professor A. A. Noyes at the California Institute of Technology.

PROFESSOR WINTHROP C. WRIGHT, head of the department of physics at Swarthmore College, is spending his sabbatical year working in the Cavendish laboratory at the University of Cambridge.

DR. C. K. LEITH, professor of geology at the University of Wisconsin, has been granted a leave of absence by the university and sailed for England on February 13. On March 2 Dr. Leith will address the British Institute of International Affairs on "Mineral Resources in their International Aspects."

DR. ROBERT CHAMBERS, professor of microscopic anatomy at the Cornell University Medical College, returned on January 26 from a lecture tour of the middle west under the auspices of the Mayo Foundation and affiliated scientific organizations. Lectures on "The Physical Properties of Protoplasm" were given at the Mayo Foundation, the University of Minnesota, the Des Moines Academy of Medicine, the University of Iowa, Washington University and at a meeting of the Indianapolis section of the American Chemical Society at the Eli Lilly Company. Dr. Chambers was accompanied by Dr. Paul Reznikoff, instructor of medicine at the Cornell University Medical College, who gave demonstrations of the procedures of micromanipulation on the amoeba.

DR. CHARLES P. BERKEY, professor of geology in Columbia University, gave the annual Darwin lecture at New York University on February 12 on "The Significance of Recent Discoveries in Central Asia."

FREDERICK H. NEWELL, of Washington, D. C., consulting engineer for the United States Reclamation Service, will give the Chester S. Lyman lectures on "Water Conservation" at Yale University on February 17, 18, 22 and 23.

DR. ANTON J. CARLSON, chairman of the department of physiology, University of Chicago, delivered the William Beaumont lectures before the Wayne County Medical Society on January 25 and 26 on "Studies on the Physiology of the Alimentary Tract."

PROFESSOR THEODORE LYMAN, director of the Jefferson Physical Laboratory at Harvard University, gave a lecture before the Franklin Institute, Philadelphia, on February 17 on "Radiations."

DR. VERNON KELLOGG, retiring president of the Washington Academy of Sciences, addressed the 205th meeting of the academy on February 18 on "Some Things Science doesn't know."

PROFESSOR MALCOLM MACLAREN, chairman of the department of electrical engineering in Princeton University, will give a lecture before the Franklin Institute on February 28, on "Interpole Motor in Theory and Practice."

DR. L. H. BAILEY, president of the American Association for the Advancement of Science, spoke on February 4, on the occasion of the dedication of the new horticultural building at the Michigan State College at East Lansing. This structure succeeds the building of 1888, built during Dr. Bailey's professorship at the institution which was then it is said the first distinctively horticultural laboratory to be erected in this country.

ON January 30, Dr. Andrew Hunter, of the de-

partment of biochemistry in the University of Toronto, delivered an address to the Royal Canadian Institute on the subject "Vitamins or Accessory Factors in Diet." On February 6, Professor Guilford B. Reed, of the department of bacteriology at Queen's University, Kingston, delivered an address before the institute on "Light and Life's Processes."

PROFESSOR KNUD FABER, of the University of Copenhagen, will give an address before the congress of Internal Medicine which meets in Detroit and Ann Arbor from February 22 to 27.

M. HENRI CORREVON, founder and director of the Jardin Botanique de la Linnea at Geneva, Switzerland, will speak under the auspices of the Smithsonian Institution on February 20, in the lecture hall of the National Museum.

THE executive committee of the Lister Memorial Fund has announced that Sir Charles S. Sherrington, professor of physiology in Oxford University, will be the second Listerian orator at the annual meeting in 1927.

PROFESSOR A. V. HILL began a course of six lectures on the physiology of muscle at University College, London, on Monday, February 1, at 4 p. m. They are being continued on succeeding Mondays at the same time.

DR. C. LEVADITI, of the Pasteur Institute, Paris, gave an address on "Recent Advances in the Chemotherapy of Syphilis" at the dermatological section of the Royal Society of Medicine on January 21.

THE Howe memorial lecture, given annually under the auspices of the Iron and Steel Committee of the American Institute of Mining and Metallurgical Engineers in honor of the late Professor Henry M. Howe, of Columbia University, will be delivered during the meeting of the society in New York City from February 15 to 18 by Professor William Campbell, of that university, the subject being "Twenty-five Years in Metallurgy."

DR. HARVEY CUSHING, Moseley professor of surgery at the Harvard Medical School, made the presentation address at the unveiling of a portrait of Edward Revere Osler, which Lady Osler has given to the Tudor and Stuart Club of the Johns Hopkins University.

A MEMORIAL meeting for Dr. Samuel Taylor Darling, who was killed in an automobile accident, May 20, 1925, near Beirut, Syria, while on duty as a member of the League of Nations Malarial Commission, was held on January 17 at the School of Hygiene and Public Health, the Johns Hopkins University. Dr. William H. Welch presided. Addresses were made by Dr. Edgar B. Friedenwald, Dr. Frederick F. Rus-

sell, Dr. Wilson G. Smillie and Dr. Robert W. Hegner.

CHARLES VANCOUVER PIPER, for twenty-two years agrostologist of the department of agriculture and previously professor at the Washington State College, died at Washington on February 11, aged fifty-eight years.

DR. THOMAS BUCK HINE, chemist, known for his development of the aerial smoke screen for war purposes, died on February 9, aged thirty-eight years.

GEORGE M. BOWERS, commissioner of fisheries from 1898 to 1913, died on December 7.

DR. JAMES FAIRLIE GEMMILL, professor of natural history in the University of Saint Andrews, Scotland, died on February 10 from accidental drowning.

THE REVEREND GEORGE HENSLOW, lately professor of botany to the Royal Horticultural Society and from 1882 until 1904 president of the Ealing Natural History Society, died on December 30, aged ninety years.

PROFESSOR SIEGFRIED BECHER, head of the department of zoology and comparative anatomy at the University of Breslau, recently died at the age of forty-one years.

DR. ADOLPH HEYDWEILLER, emeritus professor of physics at the University of Rostock, has died at the age of sixty-nine years.

DR. IWAJI IKEDA, professor of zoology in the Kyoto Imperial University, Japan, recently died at the age of fifty-three years.

THE United States Civil Service Commission announces open competitive examinations as follows, receipt of applications for which close on the dates given: Assistant geologist at a salary of \$2,400, March 16; junior geologist at a salary of \$1,860, March 12; organic chemist and a physical chemist at entrance salaries of \$3,800, February 23; associate metallurgist at a salary of \$3,000, March 2; assistant metallurgist at a salary of \$2,400, March 2; associate engineer at a salary of \$3,000, April 30; assistant engineer at a salary of \$2,400, April 30.

AT the annual meeting of Engineering Foundation on February 11 the following officers were elected for the ensuing year: *Chairman*, Lewis B. Stillwell, American Institute of Electrical Engineers; *vice-chairmen*, Elmer A. Sperry, American Institute of Electrical Engineers; George A. Orrok, American Society of Mechanical Engineers; *additional members of the executive committee*, J. Vipond Davies, American Society of Civil Engineers, American Institute of Mining and Metallurgical Engineers; Professor A. M. Greene, Jr., American Society of Mechanical Engi-

neers; *director and secretary*, Alfred D. Flinn; *treasurer*, Jacob S. Langthorn; *assistant treasurer*, Henry A. Lardner.

At the annual meeting of the board of trustees of the United Engineering Society, on January 28, the following officers were elected for the ensuing year: *President*, W. L. Saunders; *first vice-president*, Bancroft Gherardi; *second vice-president*, Lewis D. Rights; *secretary*, Alfred D. Flinn; *treasurer*, Jacob S. Langthorn; *assistant treasurer*, Henry A. Lardner.

At the meeting of the councilors of the Northeastern Bird Banding Association, held on January 21, at Boston, Mass., the following officers were elected for the ensuing year: *President*, Francis H. Allen, Boston; *vice-presidents*, Francis Beach White, Concord, N. H.; Henry S. Shaw, Waban; Harrison F. Lewis, Toronto, Canada; Charles L. Whittle, Cohasset; *corresponding secretary*, Laurence B. Fletcher, Brookline; *recording secretary*, Mrs. Alice B. Harrington, Cambridge; *treasurer*, Charles B. Floyd, Auburn-dale. S. Prentiss Baldwin, of Cleveland, Ohio, was made honorary president of the association.

UNIVERSITY AND EDUCATIONAL NOTES

GIFTS for scientific, educational and humanitarian work totaling \$1,339,000 were made by the Commonwealth Fund during the fiscal year ending September 30, 1925, according to the seventh annual report. The endowment of the fund, which was established in 1918 by gift of Mrs. Stephen V. Harkness, was \$27,761,000 at the end of the year reviewed in the report, but recent donations from Mrs. Harkness have increased that total by \$11,000,000.

WILLIAM J. McDONALD, of Paris, Texas, has bequeathed the sum of \$1,490,000 to the University of Texas, to be used for the purpose of building and equipping an astronomical observatory to bear his name.

THEODORE P. SANXAY, of Iowa City, Ia., has bequeathed to Princeton University the sum of \$160,353, and the sum of \$15,000 to Iowa State University.

OF the sum of \$40,000 appropriated by the last Colorado legislature for experimental purposes, the Colorado School of Mines has been awarded \$20,000 for work at its experimental plant.

DR. RAYMOND A. PEARSON, formerly president of the Iowa State College, has accepted the presidency of the University of Maryland. He will succeed Dr. Albert F. Woods, who was recently appointed director of scientific work in the U. S. Department of Agriculture.

PROFESSOR J. ORVIS KELLER, head of the industrial engineering department at Pennsylvania State College, has been appointed head of the engineering extension department in the college.

WILLIAM WALTER RANKIN, JR., professor of mathematics at Agnes Scott College, Decatur, Georgia, has been appointed professor of mathematics at Duke University. He will take up his new duties next fall.

PROFESSOR C. D. SMITH has resumed the duties of head of the department of mathematics at Louisiana College after a year's leave of absence spent at the University of Iowa.

A. J. RIKER has been promoted to assistant professor of plant pathology at the University of Wisconsin.

At the University of Edinburgh, Colonel P. S. Lelean, until recently professor of hygiene in the Royal Army Medical College, has been appointed to the Bruce and John Usher chair of public health and Dr. William Robertson, medical officer of health of the City of Edinburgh, has been made director of instruction in sanitary administration.

DISCUSSION AND CORRESPONDENCE SUPPORT OF THE U. S. GEOLOGICAL SURVEY AND OTHER COOPERATING AGENCIES

At their fall meeting held in Pennsylvania, the Association of American State Geologists discussed the question of the duties of the federal government and the state governments in scientific work, and the necessity of certain of this work being carried on adequately and continuously by the federal government. A letter was therefore prepared and addressed to Honorable Calvin Coolidge, President of the United States, requesting his earnest consideration of the needs of the scientific personnel of the government, and his support of a financial program which will permit this work to be carried on effectively. The body of the letter, which was transmitted by Mr. W. A. Nelson, president of the Association of American State Geologists, reads as follows:

It was with great pleasure that we noticed in your [President Coolidge's] message to Congress the following statement: "We should constantly engage in scientific studies of our future requirements and adopt an orderly program for their service."

Most of the States of the Union maintain State Geological Surveys. These Surveys have each a staff adequate in the main to deal with the general problems within the State. Each State, however, presents problems which can be solved only by specialists, whose work