

Emmet Bixford, professor of surgery, Stanford University.

J. O. Snyder, professor of zoology, Stanford University.

O. F. Stafford, professor of chemistry, University of Oregon.

W. W. SARGEANT, *Secretary*

CALIFORNIA ACADEMY OF SCIENCES,
SAN FRANCISCO, CALIF.

SCIENTIFIC NOTES AND NEWS

THE sixty-third annual meeting of the National Academy of Sciences will be held in the building of the academy in Washington on April 25, 26 and 27.

THE American Philosophical Society will hold its annual meeting in Philadelphia on April 27, 28, 29 and 30. The occasion will be marked by the commemoration of the two-hundredth anniversary of the founding of the society.

THE regular spring meeting of the executive committee of the American Association for the Advancement of Science will be held in Washington on April 24. Matters to be considered by the committee should be in the hands of the permanent secretary a few days before the meeting.

THE trustees of Science Service will hold their annual meeting in Washington on Thursday, April 28.

DR. FREDERICK BELDING POWER, head of the phytochemical laboratory of the U. S. Department of Agriculture, from 1896 to 1914 director of the Wellcome Research Laboratories, London, distinguished for his contributions to pharmaceutical chemistry, especially to our knowledge of the essential and fatty oils, has died at the age of seventy-four years.

THE Council of the British Association has nominated Sir William Bragg as president for the meeting in Glasgow in 1928. The meeting in Leeds this summer is under the presidency of Sir Arthur Keith.

It is announced by the Royal Geographical Society that the following awards have been made: The Founder's Medal to Major Kenneth Mason (Survey of India), for his connection between the surveys of India and Russian Turkestan through the Pamirs in 1913 and his organization and conduct of the Shaks-gam Expedition of 1926; the Patron's Medal to Dr. Lauge Koch (of Copenhagen), for his six years' exploration of Northern Greenland; the Victoria Medal to Colonel Sir Charles Close, F.R.S., for his distinguished contributions to the advancement of the science of geography; the Murchison Grant to Mr. John Mathieson, for his surveys of Spitzbergen and for his special studies during his long service with the Ordnance Survey in Scotland; the Back Grant to Captain A. H. MacCarthy, for his preparation and leadership

of the ascent of Mount Logan, 1925; the Cuthbert Peek Grant to Mr. Francis Rodd, to assist him in further exploration of the Sahara, and the Gill Memorial to Mr. A. E. Young, for his development of the mathematical theory of map projections.

PROFESSOR LAFAYETTE B. MENDEL, Sterling professor of physiological chemistry at Yale University, has been awarded the gold medal of the American Institute of Chemists.

DR. KARL LANDSTEINER, member of the Rockefeller Institute for Medical Research, has been elected a member of the German Academy of Natural Sciences in Halle, Germany. Dr. Landsteiner has also been elected corresponding member of the Society for Microbiology in Vienna.

OXFORD UNIVERSITY has conferred upon Dr. Arthur G. Tansley, Sherardian professor of botany in the university, the honorary degree of master of arts.

DR. HAROLD JEFFREYS has been awarded by the University of Cambridge the Adams Prize for the period 1925-26 for an essay on "The Constitution of the Interior of the Earth, and the Propagation of Waves through the Interior and over the Surface of the Earth."

DR. A. PENCK, formerly professor of geology at the University of Berlin, and Professor Gustav Braun, of the University of Greifswald, have been elected honorary members of the Danish Geographical Society.

AT the forty-ninth annual meeting of the British Institute of Chemistry, which was held in London under the presidency of Professor G. G. Henderson, Professor Arthur Smithells was elected president for 1927-28.

ACCORDING to *Nature* the British secretary of state has appointed the following as members of a joint committee for the management of the proposed Dairy Research Institute in Scotland: Sir Donald MacAlister (chairman); Professor Robert Muir and Professor D. Noël Paton, representing the University of Glasgow; Mr. C. Lindsay, Mr. John Speir and Principal W. G. R. Paterson, representing the West of Scotland Agricultural College; the Right Hon. Lord Weir, and Mrs. Housion Craufurd.

DR. RICHARD H. F. MANSKE, who received his doctorate in Manchester, England, under Professors Lapworth and Robinson in 1925, has been appointed a research fellow in Yale University to cooperate with Professor Treat B. Johnson on research dealing with the biochemistry of sulphur. Dr. C. Merle Suter, of the University of Kansas, has been granted

a Metz research fellowship in organic chemistry at Yale University for the college year 1927-28.

DR. JAMES R. WEIR, pathologist in charge of the mycological section, U. S. Bureau of Plant Industry, and who was for several years in charge of forest pathological investigations for the bureau in the northwest, and consulting pathologist for the United States Forest Service in that region, has been appointed pathologist for the Rubber Research Institute of Malaya at Kuala Lumpur, Federated Malay States. The institute has recently been organized and will have for its field of research all phases of the rubber industry in British Malaya. Dr. Weir will leave for the Orient in April.

TOM GILL, forester of the Charles Lathrop Pack Forestry Trust and formerly associate editor for the American Forestry Association, has become associate forester of the Tropical Plant Research Foundation, and will conduct a survey of the forest resources of tropical America supported by the Charles Lathrop Pack Forestry Trust.

FRED ALLISON has resigned as chief electrical and mechanical engineer of the Ford Motor Company to engage in consulting engineering work through H. R. Van Deventer, Inc., of New York City.

W. A. DUFFY has been appointed state commissioner of agriculture in Wisconsin.

DONALD R. McMILLAN, the Arctic explorer, expects to sail from Wiscasset, Me., on June 28 for the far north as leader of the new expedition for the Field Museum, Chicago. The expedition will remain in the north for more than a year and will establish a shore station at Nain, Labrador.

DR. PHILIP E. SMITH, who was recently appointed professor of anatomy at Columbia University, plans to leave for Europe on July 1 for the purpose of spending several months in the clinics at Vienna.

DR. RUDOLPH MATAS, who recently resigned his professorship of surgery at Tulane University, accepted the invitation of the Royal College of Surgeons of England to attend the Lister Centennial in London, which took place from April 4 to 7.

DR. H. A. LORENTZ, professor of theoretical physics at the University of Leiden, who has been in this country since October lecturing at Cornell University and at the California Institute of Technology, is returning to Holland. He sailed from New York on April 7.

PROFESSOR RICHARD WILLSTATTER, of Munich, Germany, will deliver the sixth Harvey Society lecture at the New York Academy of Medicine on Saturday evening, April 9. His subject will be "Organic Chemistry—Its Application to Medicine."

DR. W. F. G. SWANN, director of the Sloane physics laboratory at Yale University, will address the Franklin Institute on April 14 on "What is left of the Atom."

DR. P. R. SHIPLEY, of the Johns Hopkins University, has accepted the invitation of the Biochemical Society of Jefferson Medical College to be the speaker at the fourth annual open meeting of the society in October. The former speakers have been Professors Charles R. Stockard, Cornell University Medical College; Wm. J. Gies, Columbia University, and H. G. Wells, Chicago.

DR. A. M. BANTA, resident investigator of the department of genetics of the Carnegie Institution of Washington at Cold Spring Harbor, N. Y., delivered an illustrated lecture on "Caves and their Inhabitants" before the honor society of agriculture, Gamma Sigma Delta, at the Kansas State Agricultural College on March 22.

DR. E. W. LINDSTROM, head of the department of genetics at Iowa State College, gave an address at Purdue University on March 25 on "The Modern Status of Genetics." The address was delivered at a joint dinner meeting of the Purdue chapter of Sigma Xi and the Purdue Biological Society.

ASSISTANT PROFESSOR ELBERT C. COLE, of the department of biology, Williams College, gave a public lecture at that institution on "Biology and the Biologist," on March 8. On March 17 Edward G. Reinhard, of the Buffalo Museum of Science, gave an illustrated lecture before the Science Club of the college, on "The Habits of Some Solitary Wasps."

DR. SIMON FLEXNER, director of the Rockefeller Institute for Medical Research, addressed the annual meeting of the Mount Sinai Hospital Society, New York City, on March 27, on "The General Hospital and Medical Research."

PROFESSOR K. T. COMPTON, of Princeton University, will be a member of the summer session staff in physics at Cornell University this summer, where he will give a course of lectures on the electron theory of matter.

THE Swedish Astronomical Society celebrated on March 18 the memory of Sir Isaac Newton on the occasion of the bicentenary of his death. His life and work were described in a lecture by Professor Charlien.

DR. WILLIAM EVERETT MUSGRAVE, known for his investigations on tropical diseases, formerly professor of medicine and dean of the college of medicine and surgery at the University of the Philippines, died on February 12, aged fifty-eight years.

JESSE MERRICK SMITH, consulting engineer and a former president of the American Society of Mechanical Engineers, died on April 1, at the age of seventy-eight years.

WILLIAM S. VALIANT, curator of the geological museum at Rutgers University, died on March 27, aged eighty years.

DR. CORRADO DONATO DA FANO, reader in histology at King's College, University of London, died on March 14 at the age of forty-eight years.

Nature reports the deaths of Professor A. W. Scott, for fifty-five years Phillips professor of science at St. David's College, Lampeter, aged eighty-one years, and of Dr. Ludwig Radlkofer, long professor of botany at Munich, in his ninety-eighth year.

DR. CARL RUNGE, professor of applied mathematics in the University of Göttingen, distinguished for his work as a mathematician and spectroscopist, has died at the age of seventy years.

ARTHUR BOLLES LEE, known for his work on cytology and microscopy, died on March 3 at Clarens, Switzerland, aged eighty-eight years.

MRS. BATESON would very much appreciate copies of letters written by her husband, the late Dr. William Bateson, to his American friends, to be used in preparation of a biography. They may be sent direct to Mrs. Beatrice Bateson, 25 Bolton Gardens, Kensington, London, S. W. 5.

THE United States Civil Service Commission announces an open competitive examination not later than April 26 to fill the position of associate aquatic biologist at Beaufort, N. C., and vacancies occurring in positions requiring similar qualifications. The entrance salary for this position is \$3,000 a year. The subjects to be considered are (1) education, training and experience, weight 70; (2) writings (publications or thesis, to be filed with application), weight 30. The ratings on the first subject will be based upon competitors' sworn statements in their applications and upon corroborative evidence.

THE forty-first annual meeting of the Iowa Academy of Science will be held at the State University of Iowa, at Iowa City, Iowa, on Friday and Saturday, May 6 and 7, 1927. Nine sectional meetings will be held at this time: Bacteriology; botany; chemistry, inorganic and physical; chemistry, organic; geology, mathematics, physics, psychology and zoology. A special feature of the general meetings will be an address by Professor E. C. Stakman, of the Minnesota Agricultural Experiment Station, on "Racial Specialization of Pathogenic Fungi."

THE fifteenth annual meeting of the Eugenics Research Association will be held at Cold Spring Harbor, on June 25, 1927. This year, as last, the meeting will be held jointly with the annual meeting of the American Eugenics Society.

WE learn from *Nature* that the executive committee appointed to make arrangements for an International Botanical Congress in England in 1930 has decided that the Congress shall be held in Cambridge, commencing about the middle of August. The following officers have been appointed: *Chairman of the Executive Committee*, Professor A. C. Seward; *Treasurer*, Dr. A. B. Rendle; *Secretaries*, Mr. F. T. Brooks and Dr. T. F. Chipp.

A GIFT of \$1,000,000 to establish a radiological institute for the study of cancer at Washington University School of Medicine has been announced. The work will include the study of the general diagnostic and therapeutic uses of the X-ray and other more powerful rays. The donors are the General Education Board and Edward Mallinckrodt, St. Louis, chemical manufacturer, and members of his family. Approximately \$250,000 will be spent for a four-story building to house the institute and the remainder will be used as an endowment for research.

IN addition to recently announced gifts of \$1,013,000 to the New York Botanical Garden's endowment, the Carnegie Corporation has pledged \$6,000 annually for a period of five years in aid of public, especially adult, education at the garden.

AN arrangement has been made by Rutgers University by which Johnson and Johnson, pharmaceutical manufacturers, will provide support for carrying on certain investigations in problems related to pharmacy under the supervision of Professors Thomas J. Murray and Sumner C. Brooks.

ACCORDING to the *Official Record* of the U. S. Department of Agriculture, big-game animals on reservations administered by the Biological Survey have, with the exception of antelope, increased notably during the last ten years. Although antelope have been seriously depleted by predatory animals, now that better control has been initiated they are again increasing. The increase in mountain sheep from the twelve introduced on the National Bison Range, Montana, in 1922, to about fifty in 1926, shows what can be expected when these game animals have protection. Buffalo, elk and other animals have increased to such an extent on this preserve that during the year it was found advisable to dispose of sixty-six buffalo as meat, and seven were shipped alive to public parks, while 388 elk were sold to a grazing and breeding association in Massachusetts to relieve the over-

crowded condition. The capture and removal of these elk was the greatest operation on record in this country of handling big game on a wholesale scale. The total number of big-game animals now on reservations administered by the Biological Survey is about 1,530.

Museum News states that the work of preparing the site of the new Chicago Zoological Gardens is progressing rapidly. The tract of 196 acres is being cleared preparatory to the excavations necessary for the artificial lakes and ponds. A seventeen-hundred-foot well is being drilled so that the park may be entirely independent as regards its water supply. Two lakes, one of twelve acres for boating and water fowl, and another of two acres for wading birds, are being excavated. Pools are also being prepared for the elephants and hippopotami. It is also planned to set out 2,050 trees in addition to the various plants and flowers, some of which are being grown in a greenhouse already on the site. By April it is expected that the entire site will be properly fenced in and that work on the various buildings will be started.

AN organization called the Argentine Aerotechnical Institute (Instituto Aerotecnico Argentino) was recently founded in Buenos Aires, according to an announcement by the U. S. Department of Commerce. The purpose of the new institution is to seek to make the country independent in the field of aeronautical engineering. The present members, who number 15, are a group of well-qualified and capable professionals, and therefore are in a position to produce the necessary initial effort. The institute will attempt to direct the course of aero engineering, and work for the establishment of factories of aerial and experimental material, at the same time spreading a knowledge of the principles of this subject by means of public lectures.

It is announced that there will be opened in New York City some time before next fall a cancer hospital, which it is said will be the largest in the world. It will be devoted to clinics, operation on and treatment of patients, and will have laboratories for research into the nature and cause of the disease.

UNIVERSITY AND EDUCATIONAL NOTES

AN appraisal of the estate of Lewis B. Woodruff shows that Yale University will receive the residuary estate of \$66,694 outright and \$25,000 after the death of Frances Butler. The New York Entomological Hospital receives \$10,000 for the publication of monographs on the society's activities.

AMERICAN UNIVERSITY will receive from the late

Miss Mary Graydon, of Ridgewood, N. J., a total of \$861,000, including bequests of \$545,000, according to an announcement by Chancellor Lucius C. Clark. Gifts from Miss Graydon, which have been coming to the institution over a period of years, have helped substantially in sending the campaign for funds well over the \$1,000,000 mark toward the goal of \$6,000,000.

GROUND has been broken for the basement of the plant science building at University Farm, St. Paul, to house the division of agricultural biochemistry of the University of Minnesota.

WORK will start soon on a new twelve-story building for Tulane University of Louisiana School of Medicine at the site recently purchased on Tulane Avenue, New Orleans.

DR. EDWARDS A. PARK, Sterling professor of pediatrics at Yale University School of Medicine, has accepted the professorship of pediatrics and the position of pediatrician-in-chief of the Johns Hopkins Hospital, Baltimore, and will assume his new duties next September. Dr. Park succeeds Dr. John Howland, who died in London last June.

DR. J. EARL THOMAS, associate professor of physiology in the Medical School of St. Louis University, has been elected to the chair of physiology at Jefferson Medical College.

DR. H. E. ENDERS has been made head of the department of biology at Purdue University.

DR. D. R. DAVIS has been appointed assistant professor of mathematics at the University of Oregon.

H. L. BALDWIN has been appointed associate professor of engineering at the University of Utah in Salt Lake City.

DR. PIERRE MASSON, of the University of Strasbourg, Alsace-Lorraine, has accepted the professorship of pathology at the University of Montreal and the position of pathologist at Notre Dame Hospital. Dr. Masson was for many years at the Pasteur Institute, Paris.

DISCUSSION AND CORRESPONDENCE

THE FISH NEOSTETHUS IN SIAM

AMONG the most remarkable fishes brought to light during the present century, front rank, if not first place, must be assigned to three diminutive forms described by Mr. C. Tate Regan under the new generic names *Phallostethus* and *Neostethus*. *Phallostethus dunckeri*¹ was described from Johore, Malay Penin-

¹ "A Remarkable New Cyprinodont Fish from Johore." *Annals and Magazine of Natural History*, xii, 1913, pp. 548-555.