

On Friday evening addresses will be made by Dumas Malone, director of the Harvard University Press, on "The Scholar and the Public," and by Donald P. Bean, director of the University of Chicago Press, on "The Riddle in Research." The addresses will be followed by a reception.

On Saturday morning, February 19, there will be an executive session for members of the society, with Roland S. Morris, president, presiding. At 10:30 an open session will be held to discuss the publication program of the American Philosophical Society and proposals for its improvement as follows:

Class I—Mathematical and Physical Sciences: Hugh S. Taylor, professor of physical chemistry and chairman of the department of chemistry, Princeton University.

Class II—Geological and Biological Sciences: Albert F. Blakeslee, director of the department of genetics, Carnegie Institution of Washington, Cold Spring Harbor.

Class III—Social Sciences: Ernest M. Patterson, professor of economics, University of Pennsylvania.

Class IV—Humanities: Waldo G. Leland, permanent secretary, American Council of Learned Societies.

In the program announcing the meeting, the problems to be considered are stated as follows:

The problem of scholarly publication is in large part a financial one. A careful study made by the director of the University of Chicago Press some years ago brought out the fact that we incur an annual national deficit of \$1,700,000 in publishing works that are hereafter to be of value in the various fields of learning. Of this deficit, approximately \$500,000 is incurred on account of the publication of scientific and learned journals, and \$1,200,000 on account of the publication of books. . . .

In the conference of February 18 it is proposed to discuss the possibilities of reducing the cost of publication. It is suggested that the discussion shall first deal with possibilities of reducing the cost of manufacturing periodicals and books by conventional printing-press methods which involve type setting. In the second part of the conference it is suggested that the discussion should be devoted to possible reductions of cost by the use of auxiliary methods, mostly photographic, such as the photo-litho offset process, the use of the ditto or hectograph, the use of the microfilm. There will be an exhibit of apparatus used in these newer methods of publishing.

SCIENTIFIC NOTES AND NEWS

DR. ROSS G. HARRISON, Sterling professor of biology at Yale University, has been elected chairman of the National Research Council, to succeed Dr. Ludvig Hektoen, who has become executive director of the National Advisory Cancer Council of the Public Health Service. Dr. Harrison takes office at once.

DR. LIBERTY HYDE BAILEY, emeritus professor of agriculture and formerly dean of the New York State College of Agriculture, was given recently the ruby award of Epsilon Sigma Phi, national honorary extension fraternity. This award is the highest offered by the fraternity and was given to Dr. Bailey for his achievements as one of the "leading rural statesmen of the world."

RICHARD WELLINGTON, professor of pomology and chief in research at the Experiment Station, Geneva, N. Y., has been awarded a gold medal by the Massachusetts Horticultural Society for his work in fruit breeding.

THE Hillebrand Prize of the Chemical Society of Washington (the Washington Section of the American Chemical Society) for 1937 has been awarded to Dr. Sterling Brown Hendricks, of the Fertilizer Research Laboratories of the Bureau of Chemistry and Soils, U. S. Department of Agriculture, for his contributions on "The Relation of Crystal Optics to Crystal Structure" and "The Determinations of Molecular Structures by X-ray and Electron Diffraction."

EDWARD W. KELLOGG, of the Radio Corporation of

America, formerly a member of the department of electrical engineering of the University of Missouri, was awarded a medal for "outstanding achievement in motion picture technology" at the recent meeting of the Society of Motion Picture Engineers of New York City.

PROFESSOR I. M. KOLTHOFF, of the School of Chemistry of the University of Minnesota, has been elected to foreign membership in the Royal Society of Letters and Sciences of Bohemia in consideration of his services to science.

THE Faraday Medal of the British Institution of Electrical Engineers has been awarded to Sir John Snell, chairman of the Electricity Commission. The medal is awarded annually for "notable scientific or industrial achievement in electrical engineering or for conspicuous service rendered to the advancement of electrical science, without restriction as regards nationality, country of residence or membership of the institution."

HONORARY doctorates have been conferred by the University of Basel on Dr. Paul Karrer, professor of chemistry at the university, and on Dr. Leopold Ruzicka, professor of chemistry at the Zurich Polytechnic.

NEWLY elected officers of the Sullivant Moss Society are: Dr. G. E. Nichols, *president*; Dr. H. S. Conard, *vice-president*, and Dr. R. A. Studhalter, *reelected secretary treasurer*. Dr. O. E. Jennings has resigned

as editor-in-chief of *The Bryologist*. He has been succeeded by W. C. Steere.

DR. B. A. KEEN, assistant director of the Rothamsted Experimental Station, Harpenden, has been elected president of the Royal Meteorological Society, London.

DR. PERCY HODGE, professor of physics and head of the department at the Stevens Institute of Technology, has been appointed professor emeritus. Dr. Hodge has been a member of the faculty since 1911.

PROFESSOR C. E. GORDON, head of the division of physical and biological sciences at the Massachusetts State College, has been appointed professor of geology and mineralogy. He will be at the head of the newly established department of geology and mineralogy. Dr. Gordon, who has been in charge of zoology and geology since 1910, has, at his request, been relieved from the further direction of the work in zoology, which has been combined with entomology as a department under the direction of Dr. C. P. Alexander.

AT Vassar College Dr. Lyle H. Lanier, of Vanderbilt University, has been appointed professor of psychology to succeed Dr. Margaret Floy Washburn, professor emeritus, who retired in June. Dr. Boris G. Karpov, of the University of Minnesota, has been appointed instructor in astronomy. Dr. Elizabeth J. Magers has been promoted to an associate professorship of physiology, and Dr. Elizabeth Butler and Dr. Madelene Pierce to assistant professorships of zoology.

DR. GERALD M. COVER, of the National Steel Corporation at Steubenville, Ohio, has been appointed associate professor of metallurgy at the Case School of Applied Science, Cleveland.

DR. EUGENE FEENBERG, of the Institute for Advanced Study, Princeton, has been appointed a member of the faculty of the department of physics at the Washington Square College of New York University.

DR. WILLIAM H. BROWN, formerly director of the Bureau of Science at Manila, has arrived in Baltimore to take up his work as lecturer in botany at the Johns Hopkins University.

DR. H. L. A. TARR, of the Rothamsted Experimental Station, has been appointed to the Sir William Dunn Institute of Pathology, University of Oxford, where he will carry out research on the chemistry of the bacteria responsible for certain human diseases.

DR. N. H. DARTON, long geologist in the U. S. Geological Survey, has been elected an honorary member of the American Association of Petroleum Geologists. Since his retirement from the survey at the end of 1936 Dr. Darton has continued field work in the Atlantic Coastal Plain region.

DR. ALLEN KANE, medical superintendent of the Municipal Sanatorium at Otisville, N. Y., has been appointed director of the newly created Division of Tuberculosis in the Department of Hospitals, New York City.

DR. THORNE DEUEL has been appointed chief of the Illinois State Museum to succeed Arthur S. Coggeshall, who resigned recently to become director of the Santa Barbara Museum of Natural History.

DR. MARVIN L. FAIR, professor of transportation and public utilities at Temple University, Philadelphia, has leave of absence to enable him to become research director for a survey under the Federal Communications Commission of radio and safety requirements on the great lakes and inland waters. He took active charge as research director on February 1.

RICHARD E. SCAMMON, professor and dean of the graduate faculty of the Medical School, University of Minnesota, has been appointed chairman of a Minnesota drainage basin committee which will work on a national plan for the prevention and control of floods and the development of a water and soil conservation program.

PROFESSOR C. REGAUD has retired from his position as director of the Radium Institute of Paris and has been succeeded by Dr. Antoine Lacassagne.

THE Archbishop of York (Dr. William Temple), has been elected president of the British Society for the Protection of Science and Learning, formerly the Academic Assistance Council, in succession to the late Lord Rutherford.

DR. HARLAN T. STETSON, of the Massachusetts Institute of Technology, will deliver the seventh Arthur lecture under the auspices of the Smithsonian Institution at the U. S. National Museum on February 24. His subject will be "The Sun and the Atmosphere."

DR. H. H. WHETZEL, professor of plant pathology at Cornell University, delivered a series of lectures at the Iowa State College from January 31 to February 3. His subject was "The Teaching of Plant Sciences and Recent Advances in Plant Pathology Research."

THE Illinois State Museum recently initiated a series of popular science lectures for February and March. On February 3, Dr. Carey Croneis, associate professor of geology at the University of Chicago, spoke on the origin and development of life on the earth. On February 25, Professor Fay-Cooper Cole, chairman of the department of anthropology of the University of Chicago, will speak on the Philippines. Dr. M. M. Leighton, of the State Geological Survey, will discuss the coal and oil resources of Illinois on March 16.

THE twenty-second annual meeting of the Pacific Division, American Association for the Advancement of Science and its affiliated societies, will be held at San Diego, Calif., from June 20 to 25. Seventeen societies propose to participate in the meeting by the organization of sessions for the presentation of papers by members and guests. A preliminary announcement descriptive of the meeting will be mailed to members of the division during the latter part of March. The titles of contributed papers should be sent to the secretaries or program chairmen of the participating societies not later than April 20.

THE fourth International Congress for the Unity of Science will be held at Girton College, Cambridge, England, from July 14 to 19. The subject of the conference will be "Scientific Language."

THE eleventh International Congress of the History of Medicine will meet from September 3 to 11 in Yugoslavia, at Zagreb, Belgrade, Sarajevo and Ragusa. Subjects for discussion include botany and zoology in medicine; minerals in medicine; medicine in poetry; mysticism and magic in medicine; psychological disorders and psychotherapy in medicine. Dr. Lujo Thaller is president of the congress, and the secretary-general is Dr. Vladimir Bazala. Communications should be addressed to Dr. Bazala, Vlaska ulica 95, Zagreb, Yugoslavia.

THE University of Rochester chapter of Sigma Xi will hold its seventh annual Sigma Xi day on February 22 under the presidency of Dr. Benjamin H. Willier. Plans are being made for lecture-demonstrations which will be of interest to the general public as well as to professional men of science. As in previous years, a lecture-demonstration will be held for science students in local high schools. This year Dr. Lee A. DuBridge, Harris professor of physics at the university, will lecture on the nature and uses of electricity. The evening lecture will be given by Dr. Karl S. Lashley, of the Laboratory of Physiological Psychology, Harvard University. All meetings will be free to the public.

THE annual meeting of the Wildlife Society was held at Baltimore during the week beginning February 13, when the council met at the Lord Baltimore Hotel at 2 P. M. on February 13; the regular meeting was opened at 7:30 P. M. on February 14 at the Alcazar Hotel, and a social gathering of the society was held at the hotel on February 15.

A SHORT course on broadcast engineering, said to be the first of its kind, was given from February 7 to 18 by the department of electrical engineering of the Ohio State University. Its purpose, as outlined by Professor W. L. Everitt, conference director, is

"to bring together leaders in the industry and practicing engineers from all parts of the United States and Canada in a discussion of some of the most important technical problems." A limited enrolment was announced "so that all attending may benefit from the round-table discussion." Taking up three subjects a day, the program provided for one hour of formal lecture followed by an hour's discussion. Speakers included Harold H. Beverage, chief research engineer, R.C.A. Communications, Inc.; George M. Nixon, development engineer, National Broadcasting Company; George H. Brown, of Godley and Brown, consulting radio engineers; William H. Doherty, of the radio development department of the Bell Telephone Laboratories; Harold L. Oleson, of the Weston Electrical Instrument Corporation; John F. Byrne, engineer for the Collins Radio Company, formerly of the Ohio State University; John H. Dellinger, chief of the radio section, National Bureau of Standards; Herbert M. Huckle, chief communications engineer for the United Airlines Transport Corporation; Peter C. Sandretto, United Airlines communication engineer; Arthur E. Thiessen, commercial engineering manager for General Radio Company, and Professor Everitt, of the Ohio State University.

THE Harold H. Brittingham Memorial Library was dedicated at the City Hospital, Cleveland, Ohio, on the evening of January 25. Dr. Howard T. Karsner, professor of pathology at Western Reserve University, and Fred W. Ramsey, director of public health and welfare, gave the principal addresses. About 200 people were present. Dr. Brittingham had been a member of the medical staff of City Hospital since 1923. He became secretary of the staff and also a member of the executive committee in 1935 and had been assistant head of the department of medicine since July, 1935. Shortly after his death in January, 1937, a corporation was formed to establish a medical library and donations were received amounting to nearly \$7,000. A membership plan to continue support is in operation. In pursuance of the action of the council the city has agreed to furnish suitable library space and a librarian.

THE expenditure of \$4,000,000 for research in order to find new uses for farm products is authorized in the conference committee report on the A.A.A. act of 1938. It is proposed to establish four special laboratories in the principal farming regions of the United States. It is planned "to conduct researches into and to develop new scientific, chemical and technical uses and new and extended markets and outlets for farm commodities and products and by-products thereof. Such research and development shall be devoted primarily to those farm commodities in which there are regular or sea-

sonal surpluses, and their products and by-products." Acceptance and utilization of donations and volunteer services from non-official sources is also authorized.

A GIFT in excess of \$100,000 has been made to Northwestern University for the establishment of a Milton S. Florsheim Heart Institute to conduct research on diseases of the heart. The gift was made by Mrs. Florsheim in memory of her husband, the late Milton S. Florsheim, founder and president of the Florsheim Shoe Company. The agreement with the university provides that the income of the gift shall be expended "in the employment of technical and research personnel for studies in heart diseases, in the purchase of equipment and supplies for such studies, and in the publication of the results thereof."

FARM properties, with equipment and stock, valued at approximately \$1,000,000, have been given by Charles E. McManus, poultry dealer, to the University of Maryland for experimental work in agriculture. It consists of 276 acres known as the Spring Hills Farms, about eighteen miles north of Baltimore. The only condition made by Mr. McManus is that the property shall be utilized solely for the benefit of agriculture.

THE Carnegie Corporation of New York has granted to the Rochester Athenaeum and Mechanics Institute the sum of \$15,000 for further investigation and development of the anecdotal record in relation to the problems on mental hygiene.

DR. GEORGE D. FULLER, professor emeritus of plant ecology at the University of Chicago, has been authorized to establish in the Illinois State Museum at Springfield a herbarium of about five hundred of the more common plants of Illinois.

THE Maryland State Conservation Commission plans to build a new dormitory at the Chesapeake Biological Laboratory at Solomon's Island at a cost of \$25,000. Plans for the building have been completed and the commission is prepared to purchase land on which it will be built. The legislature appropriated funds for the building in 1937.

THE Iowa State College Agricultural Foundation has been established through an anonymous gift to the Iowa State College. The foundation has received a gift of nine farms in various counties of Iowa, on which various aspects of farm operation will be intensively studied, as well as funds for the work. The articles of incorporation provide for: (1) developing practical, economical and profitable methods of cultivation and management of ordinary or family-sized farms; (2) determining the crops best adapted and most profitable to be grown in the various sections of Iowa; (3) determining the types, breeds and classes of live stock to be produced and used on the farms of the various sections of the state, including care, breeding and feeding; (4) conserving and building up the soil and natural resources of such farms; (5) developing the social, educational and religious environment of those engaged in agriculture in the localities where such farms may be located; (6) improving the conditions of social and family life; (7) publishing and disseminating the information and the results obtained. The board of trustees of the foundation consists of President Charles E. Friley; George W. Godfrey, secretary of the board; Dean H. H. Kildee; Extension Director R. K. Bliss, all of Iowa State College; and Deane W. Trick, of Des Moines; C. R. Musser, of Muscatine, and J. H. Anderson, of Thompson.

DISCUSSION

THE LOG OF PALMER'S DISCOVERY OF ANTARCTICA¹

ANTARCTICA, fifth in size among the seven continents, both Australia and Europe being smaller, was discovered on Saturday, November 18, 1820, by Captain Nathaniel Brown Palmer, of Stonington, Conn. The hour was 4 A.M.

This is proved by the logbook of the sloop *Hero*, now in the Library of Congress, and from 1820 to 1927 continuously in the possession of its author, his brother (Captain A. S. Palmer), his niece (Mrs. Richard Fanning Loper) and his great-nephew (Mr. A. P. Loper), all residents of Stonington.

Acknowledged since 1821 throughout the world, the

fact of Captain Palmer's discovery is now known to rest upon first-hand evidence—the logbook itself—rather than upon secondary sources.

Recognition of this great achievement by explorers, by governments and by scientific associations includes those of (a) the Russian Admiral Bellingshausen, who bestowed the name *Palmer Land* in or soon after 1821; (b) the British Admiralty, which published the name in 1822; (c) the French government, which published the name in 1824; (d) the United States government, which made the name obligatory in 1912 on all appropriate federal maps, charts and other official publications; (e) the American Geographical Society of New York, which unveiled a bronze plaque

¹ Abstract of a paper read before the American Philosophical Society at Philadelphia, on November 26, 1937.

The full paper will appear in the *Proceedings* of the society.