

A Moiety of the Lyell Geological Fund.—William Quarrier Kennedy, D.Sc., for his petrological work, especially in connection with the Tertiary complexes of the Hebrides and the metamorphic rocks of the Western Highlands.

A Second Moiety of the Lyell Fund.—Arthur Raistrick, Ph.D., M.Sc., for his researches on the minute structure and constitution of coal and on the past floras of Britain, as revealed by the study of peats.

SCIENTIFIC NOTES AND NEWS

At a dinner of the Board of Directors of the Research Corporation of New York, held on February 2 at the Faculty Club, Columbia University, awards of \$2,500 each for distinguished scientific achievement were made to Dr. Vannevar Bush, president of the Carnegie Institution of Washington, and to Professor Hugh S. Taylor, head of the department of chemistry of Princeton University. The award to Dr. Bush was in recognition of his invention of mathematical computing machines, and that to Dr. Taylor was in recognition of his research in the field of catalysis. The presentations were made by Dean J. W. Barker, of the School of Engineering of Columbia University. Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, introduced Dr. Bush, and Professor Harold C. Urey presented Dr. Taylor.

THE 1939 William Freeman Snow Medal of the American Social Hygiene Association has been awarded to Dr. Thomas Parran, surgeon general of the U. S. Public Health Service, "for his great contribution to the health and happiness of the American people through his persistent efforts against syphilis and the conditions which favor its spread." Presentation of the medal was made by Dr. Livingston Farrand as part of the National Social Hygiene Day program at the Hotel Mayflower, Washington, D. C., on February 1. Mrs. Franklin D. Roosevelt and Dr. Parran were the principal speakers.

MISS ALICE EASTWOOD, curator of botany in the California Academy of Sciences since 1892, was guest of honor at a luncheon at the Fairmont Hotel, San Francisco, on the occasion of her eightieth birthday on January 19. A correspondent writes: "The luncheon, attended by more than four hundred persons, partook of the nature of a civic event, and represented a spontaneous expression of admiration and esteem seldom accorded a scientific worker during his lifetime. Felicitations were read from scientific institutions and individual scientists in various parts of the world. Special recognition was given Miss Eastwood's historic action in rescuing the plant types and the records of the academy from the San Francisco disaster of 1906 (*cf.* SCIENCE, n.s., vol. 23, p. 834) and her subsequent energetic rebuilding of the herbarium to its present size of over 275,000 specimens. Miss Eastwood engages extensively in field collecting in addition to laboratory and administrative work, and it was pointed out at the luncheon that the growth of the herbarium

during 1938, the forty-seventh year of her curatorship, has been the greatest in the history of the academy."

THE gold medal of the Royal Astronomical Society, London, has been awarded to M. Bernard Lyot, of the Meudon Observatory, France, for his observations and photography of the solar corona in the absence of a total eclipse.

DR. F. M. BURNET, of the Walter and Eliza Hall Institute of Research in Pathology and Medicine, Melbourne, has been awarded the Walter Burfitt Prize, 1938, by the council of the Royal Society of New South Wales, for his work on virus diseases in man and animals.

THE Academy of Sciences of the U.S.S.R. has awarded the I. P. Pavlov Prize for 1938 to "Honored Worker in Science" I. S. Beritashvili, professor of physiology at Tbilisi University. Professor Beritashvili is the author of works on the physiology of the central nervous system, published in Russian and in other languages.

A RAMAN JUBILEE VOLUME has been published by the Indian Academy of Sciences to commemorate the fiftieth birthday of Sir C. V. Raman, president of the academy, and the completion of ten years of research on the Raman Effect. The volume contains thirty-eight original papers by distinguished men of science from many countries.

THE honorary degree of doctor of engineering was conferred on former President Herbert Hoover at the thirty-sixth annual dinner of the alumni of Stevens Institute of Technology, which was held at the Hotel Astor on February 3.

PROFESSOR GRIFFITH C. EVANS, of the department of mathematics of the University of California, was elected president of the American Mathematical Society at the recent annual meeting at Williamsburg, Va.

PROFESSOR WALTER MULFORD, head of the department of forestry of the College of Agriculture of the University of California, has been elected a fellow of the Society of American Foresters. There are only eighteen fellows of the society, which has a membership of 4,500.

At the forty-first annual meeting of the Washington Academy of Sciences on January 19, the election of the following officers for 1939 was announced: *President*,

Charles E. Chambliss, Bureau of Plant Industry; *Corresponding Secretary*, Nathan R. Smith, Bureau of Plant Industry; *Recording Secretary*, Oscar S. Adams, Coast and Geodetic Survey; *Treasurer*, Henry G. Avers, Coast and Geodetic Survey; *Non-Resident Vice-presidents*, H. S. Graves, Yale School of Forestry, and R. B. Sosman, U. S. Steel Corporation; *Members of the Board of Managers for three years*, J. H. Hibben, Geophysical Laboratory, and G. Steiner, Bureau of Plant Industry; *Member of the Board to fill vacancy for two years*, H. C. Fuller, consulting chemist. *Resident Vice-presidents to represent each Affiliated Society* were elected as follows: Philosophical, F. G. Brickwedde; Anthropological, Henry B. Collins, Jr.; Biological, W. B. Bell; Chemical, B. H. Nicolet; Entomological, Austin H. Clark; National Geographic, Alexander Wetmore; Geological, H. D. Miser; Medical, Fred O. Coe; Historical, Allen C. Clark; Botanical, G. F. Gravatt; Archeological, Aleš Hrdlička; Foresters, W. A. Dayton; Washington Engineers, P. C. Whitney; Electrical Engineers, H. L. Curtis; Mechanical Engineers, H. L. Whittemore; Helminthological, E. W. Price; Bacteriological, L. A. Rogers, Military Engineers, William Bowie; Radio Engineers, J. H. Delinger.

At the annual meeting of the Harvey Society, New York City, the following officers were elected for the year 1939-40: *President*, Philip E. Smith; *Vice-president*, Herbert S. Gasser; *Treasurer*, Kenneth Goodner; *Secretary*, Thomas Francis, Jr.; *Council*, Hans T. Clarke, William S. Tillett and N. Chandler Foot.

DR. MOYER SPRINGER FLEISHER, professor of bacteriology and hygiene in the School of Medicine of St. Louis University, has been dismissed from the chair which he has held since 1915. The Rev. Harry B. Crimmins, S.J., president of the university, has stated that Dr. Fleisher had been dismissed because of his sponsorship with others of a lecture on the Spanish war by a Loyalist speaker described as an "unfroked" priest.

DR. HIPPOLYTE GRUENER, professor of chemistry at Flora Stone Mather College of Western Reserve University, with which he has been connected for forty-three years, retired on February 4.

DR. GEORGE E. UHLENBECK, professor of theoretical physics at the University of Utrecht, who is this year visiting professor of theoretical physics at Columbia University, will return to the University of Michigan as professor of physics, the appointment to take effect at the beginning of the next academic year. Professor Uhlenbeck was a member of the faculty of the University of Michigan from 1927 to 1935.

DR. E. G. PRINGSHEIM, professor of botany at the German University of Prague, has joined the depart-

ment of botany at Queen Mary College of the University of London. Dr. Pringsheim hopes to transfer to London his collection of pure cultures of algae.

DR. FRED L. MOORE, health officer in Tennessee, has been appointed associate professor in the department of preventive medicine and community health of the Long Island College of Medicine.

AN exchange of professorships for 1939-40 has been arranged between the University of Michigan and the University of Puerto Rico by which Assistant Professor William C. Steere, of the department of botany, will lecture at Puerto Rico and Professor Francisco M. Pagan will lecture at Ann Arbor.

DR. G. D. OSBORNE, of the University of Sydney, has been appointed a research associate at Harvard University. He has left for Cambridge, England, and later will proceed to Harvard to carry out experimental work in structural geology.

At the annual meeting of the board of trustees of the Field Museum of Natural History, Chicago, Stanley Field was reelected president. He has held the office continually since 1909.

DR. RILEY H. GUTHRIE, chief executive officer of the Boston Psychopathic Hospital, has been appointed first assistant physician at Saint Elizabeths Hospital, Washington, D. C.

DR. RICHARD P. STRONG, professor of tropical medicine emeritus of Harvard University, delivered the Theobald Smith Memorial lecture before the New York Society of Tropical Medicine, which met at Cornell University Medical College, New York City, on January 20. He spoke on "Malarial Diseases in the Western Hemisphere."

DR. EDWARDS A. PARK, professor of pediatrics at the Johns Hopkins University School of Medicine, will deliver the fifth Harvey Society Lecture of the current series at the New York Academy of Medicine on February 16. He will speak on "The Pathology of Rickets with Particular Reference to the Changes at the Cartilage Shaft Junctions of the Growing Bones."

MAJOR GENERAL MERRITT W. IRELAND, U.S.A., retired, who was surgeon general of the Army during the world war, will deliver the annual William Potter Memorial Lecture at Jefferson Medical College at 8:30 on the evening of Thursday, February 23. The subject of his address will be "Medicine's Debt to the U. S. Army."

DR. P. W. ZIMMERMAN, of the Boyce Thompson Institute, Yonkers, N. Y., gave an illustrated lecture on February 9 before the Lancaster Branch of the American Association for the Advancement of Science entitled "Chemical Secrets in Plant Growth."

SIR JOHN AMBROSE FLEMING, who is now in his nine-

tieth year, on January 10 addressed the Physical Society, London, on "Physics and Physicists of the Eighteen-seventies." Part of the address was broadcast.

THE fourth International Congress of Comparative Pathology will be held in Rome in May, and will consist of three sections devoted respectively to human, veterinary and plant pathology. The subjects for discussion will be ultra-viruses, heredity in pathology, the function of combined antigens and retrogressive processes in plants. The proceedings will open with a reception on May 14 at Hotel Ambasciatori, and will end on May 20. The membership subscription of 250 lire covers the cost of all excursions and entertainments during the congress. The Compagnia Italiana Turismo (C.I.T.), 77, Regent Street, London, W.1, have been appointed travel agents, and will supply full information.

THE Council of the British Medical Association will call a national conference on nutrition in relation to national, including agricultural, policy. The dates provisionally selected for the conference are April 27, 28 and 29. In addition to the medical profession the conference will be representative of agricultural producers, home and overseas, as well as of industry and education.

THE October meeting of the Physics Club, Chicago, was opened by Professor R. A. Sawyer, who spoke on "The Spectrograph in the Iron and Steel Industry." In November the club acted as host to the American Physical Society, and the joint meeting, attended by about 350 members and guests, was addressed by Bertrand Russell on "Determinism in Physics." On December 20 Dr. Thomas C. Poulter addressed the club on "Extreme Pressures and the Investigation of Engineering Problems," and on January 17 Professor J. W. Beams, of the University of Virginia, spoke on "High Speed Centrifuging and Some of its Applications." The officers for the 1938-39 term are: *President*, Professor B. J. Spence, of Northwestern University; *Vice-president*, Professor J. S. Thompson, of Armour Institute of Technology; *Treasurer*, A. J. Klapperich, Peoples Gas Light and Coke Company; *Secretary*, B. J. Barmaek, of the Commonwealth Edison Company. Professor W. S. Huxford, of Northwestern University, is chairman of the Program Committee. The club was organized in 1931 by Professor Arthur H. Compton and Dean H. G. Gale, of the University of Chicago. It has 24 members, mainly teachers, engineers and patent lawyers.

It is announced that requests to the National Research Council Committee for Research in Problems of Sex for aid during the fiscal year beginning July 1, in the study of fundamental problems of sex and reproduction, must be received before April 1. They may be addressed to the chairman, Dr. Robert M.

Yerkes, Yale School of Medicine, New Haven, Conn. In addition to a statement of the problem, research plan or program, the committee desires information about the proposed method of attack, the auspices of investigation and the uses to be made of the sum requested. Preference, in accordance with present committee policy, is given to proposals for the study of neurological, psychobiological and behavioral problems.

THE University of Maryland has begun the erection of a new building for the medical school at Lombard and Greene Streets. The new building is being constructed with funds left to the university by the late Dr. Frank C. Bressler, an alumnus of the school, and money from the Federal Government. The structure will be known as the Frank C. Bressler Research Laboratory. Each of the five floors of the new building will occupy about 11,000 sq. ft. in addition to a sixth floor which will house the animals for the preclinical and clinical departments of the medical school. The first floor will be devoted to instruction and research in gross anatomy. In addition the Bressler Memorial Room on this floor will be used as a student's lounge. The second floor will house the department of histology and embryology in addition to a large lecture hall. The third floor will be occupied by the department of pharmacology. The fourth floor will be devoted to physiology and the fifth to research in clinical medicine and surgery. The respective departments will contain spacious teaching laboratories and many single, dual and triple research units. Occupancy of the new quarters is anticipated in the winter of 1939.

DR. S. S. GOLDWATER, Commissioner of Hospitals, has announced the withdrawal of the Cornell University Medical College from its affiliation with Welfare Hospital. The plan for the organization of the medical staff of Welfare Hospital is essentially unchanged, but instead of three college divisions covering the entire service, there will be two college divisions, to which all nominations will be made by Columbia University College of Physicians and Surgeons and the New York University College of Medicine, respectively, and an Open Division, to which members of the profession generally will be eligible. Dr. Goldwater has appointed Dr. Thomas A. McGoldrick, of Brooklyn, attending physician and director of the Medical Service on the Open Division, and Dr. Condit W. Cutler, of Manhattan, attending surgeon and director of the surgical service on the same division. Dr. McGoldrick is connected with St. Peter's Hospital; Dr. Cutler is a member of the surgical staff of Roosevelt Hospital. On the opening of Welfare Hospital, the Neurological Hospital on Welfare Island will be discontinued, but it is expected that many of the members of the Neurological Hospital staff will be invited to join the staff of Welfare Hospital.