

This invitation was submitted to the members of the International Committee and the committee has resolved to accept the invitation with sincere thanks.

The exact date for the holding of the congress will be decided upon later. In 1937 there will be arranged in Moscow an All-Union Agricultural Exhibition, which undoubtedly will prove of interest to many members of the Genetics Congress.

OTTO L. MOHR

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THE AWARD OF THE MEDALS OF THE ROYAL SOCIETY AND THE ELECTION OF OFFICERS

THE following awards of medals have been made by the president and council of the Royal Society:

A Royal medal to Professor C. G. Darwin, F.R.S., for his researches in mathematical physics, especially in the quantum mechanics of the electron and in optics.

A Royal medal to Dr. A. Harker, F.R.S., in recognition of his distinguished work and influence as a petrologist.

The Copley medal to Professor C. T. R. Wilson, F.R.S.,

for his work on the use of clouds in advancing our knowledge of atoms and their properties.

The Davy medal to Professor A. Harden, F.R.S., for his distinguished work in biochemistry and especially for his fundamental discoveries in the chemistry of alcoholic fermentation.

The Hughes medal to Dr. C. J. Davisson for research resulting in the discovery of the physical existence of electron waves through long-continued investigations on the reflection of electrons from the crystal planes of nickel and other metals.

The following is a list of those recommended by the president and council for election to the council of the Royal Society at the anniversary meeting:

Sir William Bragg, president; Sir Henry Lyons, treasurer; Sir Frank Smith and Professor A. V. Hill, secretaries; Professor A. C. Seward, foreign secretary.

Other members of council:—Professor E. D. Adrian, D. L. Chapman, Professor A. W. Conway, Dr. W. H. Eccles, Professor A. S. Eve, Professor L. N. G. Filon, Dr. J. Gray, Sir Daniel Hall, Dr. S. W. Kemp, Sir Patrick Laidlaw, Sir Gerald Lenox-Conyngham, Dr. G. T. Morgan, Professor R. Robison, Dr. B. Smith, Professor W. Stiles and W. Trotter.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM F. DURAND, professor emeritus of mechanical engineering at Stanford University, was presented with the John Fritz Medal on December 4 at the annual meeting in New York City of the American Society of Mechanical Engineers. The award was made to Dr. Durand as an "authority in hydrodynamic and aerodynamic science, and its practical application" and as "an outstanding leader in research and in engineering education." Other awards were made as follows: Charles T. Main, of Boston, past president of the society, the society's medal; Stephen Timoshenko, professor of mechanical engineering at the University of Michigan, the Worcester Reed Warner Medal; Oscar R. Wikander, of Pittsburgh, the Melville Medal; Stanley J. Mikina, of East Pittsburgh, the junior award; G. Lowell Williams, a graduate of Lafayette College last year, the Charles T. Main award, and Charles P. Bacha, of last year's graduating class at Rutgers University, the student award.

DR. F. G. DONNAN, professor of chemistry in the University of London and director of the Chemical Laboratories at University College, has been elected a foreign member of the Division for Chemistry of the Royal Physiographical Society of Lund.

THE Buckston Browne Prize for 1935, of the Harveian Society of London, has been awarded to William Robert Fearon, of Trinity College, Dublin, for his essay on "Nutritional Factors in Disease."

PROFESSOR ALBRECHT PENCK, of the University of Berlin, has been elected an honorary member of the Geographical Association of Sofia.

At the recent annual convention in Washington of the Association of Land Grant Colleges and Universities, Dr. A. R. Mann, provost of Cornell University, was elected chairman of the executive committee. Dr. Mann succeeds Dr. Raymond A. Pearson, formerly president of the University of Maryland and previously president of the Iowa State College, who has been for the past twenty years a member of the committee, during the last seventeen years its chairman. The association adopted resolutions recognizing Dr. Pearson's distinguished services to the Land Grant Colleges covering a period of thirty-five years. A testimonial breakfast was tendered to him by the presidents of the Land Grant Colleges in attendance at the convention.

DR. O. M. DICKERSON, of the Colorado State Teachers College at Greeley, was elected president of the Colorado-Wyoming Academy of Science at the ninth annual convention, held at Colorado College on November 29. Dr. Dickerson succeeds Dr. E. B. Renaud, of the University of Denver. Other officers elected were: B. E. Cohn, of the University of Denver, *vice-president*; H. B. Van Valkenburgh, of the University of Colorado, *secretary*; C. T. Hurst, Western State College, Gunnison, *treasurer*; W. D. Robertson, Colo-

rado State College, and W. E. Roloff, Colorado School of Mines, members of the executive committee.

THE American Society of Tropical Medicine met on November 20, 21 and 22 in St. Louis, Mo. The society held its regular meeting and programs, and in addition had joint sessions with the American Academy of Tropical Medicine and the Southern Medical Association. The society had as its guest Dr. N. Hamilton Fairley, of the London School of Hygiene and Tropical Medicine, who spoke on "Recent Advances and Hiatuses in our Knowledge of Tropical Sprue." The following officers were elected: *President*, Dr. Henry E. Meleney; *President-elect*, Dr. Herbert C. Clark; *Vice-president*, Dr. Alfred C. Reed; *Secretary-treasurer*, Dr. N. Paul Hudson; *Editor-Reelected*, Dr. Charles F. Craig; *Newly Elected Councilors*, Dr. Thomas T. Mackie, Dr. M. H. Soules and George W. Bachman.

A "PACIFIC NORTHWEST SOCIETY OF PATHOLOGISTS" has recently been organized. The membership is confined to members of the medical profession, limiting their activities principally to pathology and the allied sciences. Members must have qualifications equal to those required by the American Society of Clinical Pathologists and the American Society of Pathologists and Bacteriologists. The present officers are Dr. F. R. Menne, *president*; Dr. O. H. Nickson, *vice-president*; Dr. Thomas D. Robertson, *secretary-treasurer*.

Nature states that the second local section of the Institute of Physics to be formed in Great Britain was inaugurated at a meeting held at the University of Birmingham on November 15. Professor S. W. J. Smith was elected chairman, and Dr. J. H. Mitchell, of the British Thomson-Houston Research Laboratory, local honorary secretary. The inaugural lecture was given by Dr. J. D. Cockcroft, of the Cavendish Laboratory, Cambridge, who took as his subject "Recent Work on Nuclear Transmutations."

DR. N. PAUL HUDSON, recently professor of bacteriology at the University of Chicago, is now professor and chairman of the department of bacteriology at the Ohio State University. He succeeds Dr. C. B. Morrey, who retired with the title of professor emeritus at the end of the academic year. Dr. Jorgen M. Birkeland, Dr. Floyd S. Markham, Dr. Grant L. Stahly and Dr. Oram C. Woolpert have been appointed assistant professors.

DR. FRED W. MORSE, research professor of chemistry at Massachusetts State College since 1910, retired on December 7, having reached the mandatory retirement age set for state employees.

THE resignation of Jesse D. Figgins, director of the Colorado Museum of Natural History, has been announced.

FRANK KIERNAN, formerly executive secretary of the Massachusetts Tuberculosis League, has been elected director of the New York Tuberculosis and Health Association. Mr. Kiernan succeeds to the position left vacant by Harry L. Hopkins, who resigned two years ago to become Federal Emergency Relief Administrator in Washington. During the interim Godias J. Drolet, statistician of the association, has been the acting director. The staff of the organization gave a dinner on December 6 at the Hotel Pennsylvania in honor of Mr. Kiernan's association since 1915 with the anti-tuberculosis movement.

DR. S. S. GOLDWATER, commissioner of hospitals, has announced that, in accordance with a recommendation from the New York Academy of Medicine, the formerly part-time position of director of psychiatry, left vacant in June, 1934, by the resignation of Dr. Menas S. Gregory, has been placed upon a full-time basis. Dr. Karl Murdock Bowman, chief medical officer of the Boston Psychopathic Hospital, has been appointed to the position at a salary of \$9,000 a year. Dr. Gregory has accepted the position of consultant psychiatrist to the department.

PROFESSOR EJNAR HERTZSPRUNG, professor of astrophysics in the University of Leyden, and assistant director of the Leyden Observatory, has been appointed director of the observatory to succeed the late Professor Willem de Sitter.

THE Cutter lecture on preventive medicine was recently given at the Harvard Medical School by Dr. Milton J. Rosenau, Charles Wilder professor of preventive medicine and hygiene, *emeritus*. He spoke on "Epidemics."

THE Western Reserve University Chapter of the Society of the Sigma Xi has inaugurated its 1935-36 program with a series of biological studies. On October 14 Dr. F. H. Herrick, professor emeritus of biology at Western Reserve University, spoke on "Instinct." On November 1 H. H. Newman, professor of zoology at the University of Chicago, spoke on "A Study of Identical Twins Reared Apart." On December 2 Morris Steggerda, investigator in the department of genetics at the Carnegie Institution, spoke on "Some Biological Aspects of the Maya Indians of the Yucatan Peninsula."

PROFESSOR F. RASETTI, of the University of Rome, spoke on November 29, before the weekly colloquium of the department of physics of Cornell University, on "Recent Investigations with Slow Neutrons."

DR. C. E. KENNETH MEES, vice-president in charge of research and development in the Eastman Kodak Company, will deliver six Christmas lectures on "Photography" at the Royal Institution, London, beginning on December 28.

DR. EDWARD MELLANBY, secretary of the British Medical Research Council, is delivering a series of lectures entitled "A Survey of Modern Views of Nutrition" at the Royal Institution, London.

The Toronto Telegram reports that in connection with a proposal to establish a botanic garden in Toronto, Dr. H. T. Güssow, the Dominion botanist in Ottawa, gave an illustrated address before the Royal Canadian Institute on November 30, on "Botanic Gardens for Canada." Sir Robert Falconer is chairman of the committee in charge of the garden project in Toronto. A ravine area in which development of native flora as well as plants from abroad could be effected is favored by the committee.

A LIMITED number of post-doctorate fellowships in the fields of the physical sciences and chemistry, the medical sciences and the biological sciences, including anthropology and psychology, will be available through the National Research Council for the academic year 1936-37. These fellowships carry stipends from \$1,600 upward with certain allowances for dependents and are open to citizens (men and women) of the United States and Canada under the age of thirty-five years, for study in the United States or, under special conditions, abroad. Applications for appointment to these fellowships should be filed with the secretary of the appropriate board as follows: The National Research Fellowship Board in Physics, Chemistry and Mathematics, before March 1, 1936; the Medical Fellowship Board, before January 1, 1936, and the Board of National Research Fellowships in the Biological Sciences, before February 1, 1936.

THE Committee on Scientific Research of the American Medical Association invites applications for grants of money to aid in research on problems bearing more or less directly on clinical medicine. Preference is given to requests for moderate amounts to meet specific needs. For application forms, please address the Committee at 535 North Dearborn Street, Chicago, Illinois.

THE eastern première of the University of Chicago's talking motion pictures in geology was held in the Connecting Wing Auditorium in Washington on October 30, and the first western showings were held concurrently in Mandel Hall and International House, University of Chicago, on November 11. Nearly 4,000 persons attended these premières of the six reels which are entitled: *The Work of Running Water*, *The Work of Ground Water*, *The Work of Ice*, *The Work of the Atmosphere*, *Mountain Building*, *Volcanoes in Action*. The pictures were prepared under the direction of Dr. Carey Croneis, of the University of Chicago, with the cooperation of James Brill and Dr. Melvin Brodshaug,

of the Erpi Picture Consultants, New York, and Dr. H. C. Bryant and Earl Trager, of the National Parks Service. These films, designed for college instruction, are also being used in the CCC camps.

THE American Science Teachers Association will meet at the Statler Hotel, St. Louis, on January 2. The chairman of the association is Harry A. Carpenter, specialist in science of the Rochester schools. The conference will be held in conjunction with the American Association for the Advancement of Science. Addresses will be made in the morning by Dr. George T. Moore, director of the Missouri Botanical Garden; Dr. Russell M. Wilder, professor and chief of the department of medicine, Mayo Foundation for Medical Education and Research, University of Minnesota, Rochester, and Dr. Orestes H. Caldwell, editor of *Radio To-day*, New York City. There will be a luncheon at twelve o'clock presided over by Dr. Otis W. Caldwell, chairman of the Committee on the Place of Science in Education of the American Association for the Advancement of Science and general secretary of the association. Following the luncheon Dr. Karl T. Compton will make an address. In the afternoon there will be a series of special papers. An exhibition of pupil work in science has been arranged.

THE twenty-second annual meeting of the National Council of Geography Teachers will be held in the Hotel Chase, St. Louis, on December 27 and 28. There will be five sessions and a dinner. For Sunday, December 29, a field trip around St. Louis is scheduled. A national broadcast over the Columbia Broadcasting network will occur. Speakers and discussion leaders from various sections of the country will consider (1) The Content of Geography for Beginners, (2) Geography in the Senior High School, (3) Advertising Geography, (4) Professionalized Subject Matter in Geography, (5) Geography in World Relationships. Requests for programs and further information concerning the annual meeting may be addressed to Erna Grassmuck, chairman, Educational Relations Committee, State Teachers College, Indiana, Pennsylvania. The officers of the National Council are: *President*, C. E. Cooper, Ohio University, Athens, Ohio; *First vice-president*, Alison E. Aitchison, Iowa State Teachers College, Cedar Falls; *Second vice-president*, Floyd F. Cunningham, State Teachers College, Florence, Ala.; *Secretary*, William J. Berry, State Teachers College, Kalamazoo, Mich.; *Treasurer*, H. Harrison Russell, State Teachers College, Bloomsburg, Penna.

GOVERNOR HERBERT H. LEHMAN'S Commission for the Study of the Educational Problems of Penal Institutions for Youth has received an additional grant of \$12,500 from the Carnegie Corporation of New York.