

Library of Congress; Herman H. Fussler, head of the laboratory of microphotography of the University of Chicago; Professor Douglas Waples, of the Graduate Library School of the University of Chicago; Miss Sabra M. Vought, librarian of the U. S. Office of Education, and Watson Davis, director of Science Service and chairman of the delegation.

The International Institute of Documentation, a union of documentation centers, was asked by the congress to become the International Federation of Organizations of Documentation and a permanent international committee to have charge of the organization of future congresses was considered. The next congress is to be held in Frankfurt, Germany, in 1940.

SCIENTIFIC NOTES AND NEWS

LORD RAYLEIGH has been elected president of the British Association for the Advancement of Science to succeed Sir Edward Poulton, whose presidential address before the Nottingham meeting was printed in the issue of SCIENCE for September 3. Lord Rayleigh's father, also distinguished for his work in physics, was president of the association when it met in Montreal in 1884. The next annual meeting of the association will be held at Cambridge in August, 1938.

DR. LEO HENDRIK BAEKELAND has been elected an honorary member of the French Society of Chemical Industry in recognition of the eminent services he has rendered to science and industry. The society observed its twentieth anniversary in Paris in conjunction with the Congress of Chemical Industry. Certificates of honorary membership were presented in the presence of the President of the French Republic.

THE medal committee of the American Section of the Society of Chemical Industry has awarded to Dr. E. J. Crane, the Ohio State University, editor of *Chemical Abstracts*, the Chemical Industry Medal for 1937. This medal is given annually for a valuable application of chemical research to industry. The medal will be presented on November 5 at a meeting to be held at The Chemists' Club, New York City.

DR. JOHN D. LONG, of the U. S. Public Health Service, has received the Order of Merit of the Government of Ecuador for leading the campaign of the Pan-American Sanitary Bureau against bubonic plague.

PROFESSOR S. LEFSCHETZ, of Princeton University, has been elected a corresponding member of the Reale Accademia di Scienze, Lettere ed Arti di Padova.

PROFESSOR GEORGE GRANT MACCURDY, of Yale University, director of the American School of Prehistoric Research, has been elected to honorary corresponding membership in the Prehistoric Society of Great Britain and in the British Speleological Association.

At the Chicago meeting of the Roentgen Ray Society, held in connection with the fifth International Congress of Radiology, Dr. B. R. Kirklin, of the Mayo Clinic, became president for the year, and Dr. John W. Pierson, of Baltimore, president-elect. Dr. E. For-

est Merrill, of New York City, was elected a second vice-president. It was voted to hold the next annual meeting in Atlantic City during the week of September 19, 1938.

DR. HARVEY AGNEW, of Toronto, was elected on September 16 to the presidency of the American Hospital Association at its thirty-ninth annual convention in Atlantic City. Dr. Agnew is secretary of the hospital service department of the Canadian Medical Association.

DR. J. HOLMES MARTIN, in charge of poultry husbandry at the Experiment Station of the University of Kentucky, has been made head of the department of genetics. W. G. Haig has been appointed curator of the Museum of Anthropology and Archeology.

DR. FRANK HAROLD SPEDDING, of Cornell University, has been appointed associate professor of physical chemistry at the Iowa State College. Dr. Spedding won the A. C. Langmuir award of the American Chemical Society in 1933 and has been the recipient of both National Research Council and Guggenheim fellowships.

NEIL RIGLER, of the Squibb laboratories, has been placed in charge of the research laboratory of the North Carolina Agricultural Experiment Station. He will work with Dr. Emerson R. Collins, who was formerly connected with the Cotton Root Rot Division of the U. S. Department of Agriculture in Austin, Texas.

DR. EDWARD MCCRADY, JR., associate of the Wistar Institute of Anatomy, Philadelphia, has been appointed chairman of the department of zoology at the University of the South, Sewanee, Tenn.

DR. ROGER D. REID, a member of the department of animal pathology at the University of Idaho, has joined the faculty of the Johns Hopkins University.

APPOINTMENTS at the School of Medicine of the University of Oklahoma include: Dr. Berry Campbell, national research fellow in comparative anatomy, to be assistant professor of anatomy; Albert J. Sheldon, the Johns Hopkins University School of Hygiene and Public Health, assistant professor of bacteriology *ad interim*; Francis C. Lawler, Emory Lab-

oratory of Cancer Research, St. Luke's and Children's Hospital, Philadelphia, assistant professor of bacteriology; Dr. Irvin S. Danielson, teaching fellow in biological chemistry, Harvard University Medical School, assistant professor of biochemistry; Dr. Arnold J. Lehman, instructor in pharmacology, Stanford University School of Medicine, assistant professor of pharmacology, and Dr. Onie Owen Williams, instructor in pathology, University of California Medical School, assistant professor of pathology.

ACCORDING to a cable dispatch to the newspapers Professor Gustave Roussy, dean of the School of Medicine of the University of Paris, known for his work on cancer and nervous diseases, has been elected rector to succeed M. Sébastien Charléty.

PROFESSOR A. W. FALCONER, professor of medicine at the University of Capetown, will succeed Sir Carruthers Beattie as principal and vice-chancellor of the university. Sir Carruthers retires at the end of the year.

PROFESSOR LUCIEN CORNIL, head of the department of pathology in the medical school of the University of Marseille, has been elected dean of the faculty to succeed Professor Imbert.

DR. WINFRED OVERHOLSER, commissioner of the Massachusetts State Department of Mental Diseases, has been appointed by President Roosevelt superintendent of St. Elizabeth's Hospital at Washington. He succeeds the late Dr. William Alanson White, who was superintendent of the hospital from 1903 until his death in March, 1937. Since then Dr. Roscoe W. Hall, senior physician on the staff of the institution, has been acting as superintendent.

DR. JOHN H. TRUESDAIL, recently a fellow of the Rockefeller Foundation, working with Dr. Roger J. Williams at Oregon State College, has become associated with Truesdail Laboratories, Inc., in Los Angeles. Dr. Truesdail received his degree in organic chemistry at the University of Michigan in 1934. Truesdail Laboratories, Inc., was founded and is directed by his brother, Dr. Roger W. Truesdail.

Nature reports that J. D. Griffith Davies, an administrative assistant in the Higher Education Department at Leeds, has been appointed assistant secretary of the Royal Society as from September 1, in succession to R. Winckworth, who at his own request has reverted to his previous position in charge of the publications of the society.

PROFESSOR WALTER KUBIENA, of the Agricultural Institute, Vienna, will extend his stay at the Iowa State College as visiting professor of soils through the autumn quarter of 1937.

PROFESSOR ERNST ESCH, head of the Institute of Motor Transport Science at the University of Cologne, has arrived in New York City with twenty-one university students to study transportation and traffic problems. He will speak on October 14 at the meeting of the metropolitan section of the Society of Automotive Engineers, on motorization in Germany and the competition between motor and rail transport.

DR. ROBERT K. ENDERS, of Swarthmore College, has returned to Philadelphia with several thousand natural history specimens, collected on Volcan de Chiriqui in Panama for the Academy of Natural Sciences. The expedition, sponsored by the academy, the American Philosophical Society and Swarthmore College, centered its work on the 11,500 foot extinct volcano, which is the highest peak of Panama. Isolated from the surrounding mountain ranges, this peak is said to be of special interest in the study and collection of animal and plant life, as the forms living on it have not been in general contact with the surrounding country. David Bishop, of the University of Pennsylvania; Dr. C. Brooke Worth, Samuel Cresson and Oliver Pearson, of Swarthmore College, accompanied Dr. Enders.

UNDER the U. S. Geological Survey field examinations of the Green River and associated formations in the fossil syncline, southwestern Wyoming, including study of the quality and distribution of oil shale beds, have been completed by W. H. Bradley. The field work also included an extended study of the beds which have furnished the museums of the world with the finest known specimens of fossil fish. Field studies and mapping of the coal resources and oil and gas prospects of the area surrounding the Little Rocky Mountains, Mont., have been completed by M. M. Knechtel. A geological and geophysical survey of the Austin mining district, Nevada, using magnetometer and resistivity methods, is being made by C. P. Ross and E. L. Stephenson. S. R. Capps, who has been engaged for the past three months in field work on the placer deposits of central Idaho, in the vicinity of Grangeville, has completed his season's work and has returned to Washington.

PROFESSOR MAURICE SOURDILLE, of the School of Medicine at Nantes, will deliver an illustrated lecture on "New Technics in the Surgical Treatment of Deafness from Otosclerosis" before the section of otolaryngology of the New York Academy of Medicine at a special meeting on October 6. The lecture will be given in English.

PROFESSOR THE. SVEDBERG, of the University of Upsala, will be the guest of honor at the dedication on October 15 and 16 of the new building for chemistry at the University of Delaware. The building was

made possible by a gift of \$300,000 from an unknown donor.

THE hundredth anniversary of the Division of Science and of the State Museum at Albany will be observed on October 15 at the annual convocation of the University of the State of New York. Scientific men and interpreters of the relation of science to the state and to society will take part in the two sessions to be held in the State Education Building. The speakers at the first session will be Dr. John C. Merriam, president of the Carnegie Institution of Washington; Dr. C. Stuart Gager, director of the Brooklyn Botanic Garden, and Lewis Mumford, writer, of New York City. Dr. Arthur E. Morgan, chairman of the Tennessee Valley Authority, and Waldemar B. Kaempffert, science editor of *The New York Times*, will speak at the evening session. Dr. Morgan's subject will be "The Relation of Electricity to Social Policy." Mr. Kaempffert will discuss "Science and Democracy."

SECTION I (Psychology) of the American Association for the Advancement of Science will meet in Indianapolis from Monday, December 27, to Wednesday, December 29. In addition to the usual program of contributed papers, there will be on December 28 a symposium on "The Endocrines as Related to Behavior," under the chairmanship of Dr. Calvin P. Stone, of Stanford University. All fellows and members of the section who wish to read papers should submit abstracts in duplicate (not more than 300 words in length) of the papers which they wish to present, giving the time required for presentation up to a limit of 15 minutes. Abstracts should reach the Section Secretary, Dr. Leonard Carmichael, Department of Psychology, University of Rochester, Rochester, New York, not later than November 6.

THE seventeenth annual meeting of the Highway Research Board of the National Research Council will be held in Washington, D. C., from Tuesday, November 30, to Friday, December 3. Papers and committee reports relating to highway finance, economics, design, materials and construction, maintenance, soils, roadside development and safety will be presented. This year the formal meeting of the board will be interspersed with open departmental meetings for informal discussion.

ACCORDING to *The Museum News*, the South African Museums Association has held its first annual general meeting at Kingwilliamstown, Cape Province, with seventeen representatives of institutional members present. The retiring president, C. J. Swiestra, reported that twenty-four of the museums of South Africa and Rhodesia had joined the association during the year since the inaugural meeting, leaving only a very few not yet affiliated with the association. For the year 1937-38, E. L. Gill, South African Museum, Capetown, was elected president; E. C. Chubb, Durban Museum and Art Gallery, was reelected secretary-treasurer, and G. Arnold, Rhodesian Museum, Bulawayo, John Hewitt, Albany Museum, Grahamstown, G. C. Shortridge, Kaffrarian Museum, Williamstown, and C. J. Swiestra, Transvaal Museum, Pretoria, councilors. The association voted to hold the next meeting immediately following Easter, 1938, at Durban in the Province of Natal.

By the will of Miss Amelia Marburg, who died on September 9, the Johns Hopkins University and the Johns Hopkins Hospital each receive the sum of \$50,000.

THE *Journal* of the American Medical Association reports that a trust fund of a million dollars has been given by Miss Emily Renziehausen to the Children's Hospital for "perpetual research in the causes, treatment and cure of diabetes in the youth of the Pittsburgh area." The first income of the fund will be used to build an addition to the hospital to be known as the Renziehausen Memorial Ward and Clinic. In addition Miss Renziehausen has given an eleven-acre farm as a site for a home for convalescent children. The fund agreement provides that income not needed for work on diabetes may be devoted to other research work and to hospital service. Drs. Frederick E. Kredel, Richard A. Kredel and Thomas T. Sheppard were named a committee to supervise the fund, of which the Union Trust Company is trustee.

Nature reports that the library of the Radcliffe Observatory, Oxford, is about to be transferred to its new quarters in South Africa, and publications intended for it should now be addressed to "The Radcliffe Observatory, Pretoria, South Africa," instead of to Oxford.

DISCUSSION

ANAPHYLAXIS

RICHET and associates¹ introduced the term "anaphylaxis" to describe the condition of diminished tolerance toward a mildly poisonous material unexpectedly

encountered by them in experimental animals at a certain time after previous injection of the same material. Richet had expected to produce by his inoculations an *increased* tolerance or immunity (and indeed he did so eventually), but when his animals were re-injected at a certain time interval they were not more,

¹ P. Portier and Ch. Richet, *Compt. rend. Soc. de Biol.*, 54: 170, 1902.