

ers of prominence will discuss the broader aspects of the subjects for the lay public. There will also be prepared a comprehensive exhibit—scientific, educational, technical and commercial.

Members of the executive committee are: Fred L. Adair, Chicago, *general chairman*; Robert D. Mussey, Rochester, Minnesota, *vice-chairman*; Sara B. Place, Chicago, *secretary*; Rudolph W. Holmes, Chicago, *treasurer*, and Frederick H. Falls, Chicago, *assistant treasurer*.

National, sectional and local specialist societies have approved the congress and have made contributions for its support. It is desired that a wider representation be secured through the medium of contributing memberships, the cost of which has been placed at five dollars. Application may be made at the office of the congress at 650 Rush Street, Chicago, Illinois.

#### SYMPOSIUM TO COMMEMORATE THE CENTENARY OF THE CELL THEORY

It has been decided to hold a symposium at the Richmond meeting of the American Association for the Advancement of Science, Sections L, G and F collaborating, to commemorate the centenary of the cell theory. The major lines of this symposium have been determined as follows:

a. Four to six papers are to be presented by men of sound judgment and thorough knowledge of the facts, so

that the symposium may represent an outstanding contribution to the history of the subject.

b. Biographical accounts are to be limited though not omitted; a broader base than the work of Schleiden and Schwann alone will be looked for in developing the foundations of the theory (by including the work of such a man as Purkinje); and stress will be laid upon what the cell theory is to-day.

The program for this symposium is in process of being developed by the chairmen and secretaries of sections F, G and L and by other officers of the association. At the same time, it has seemed desirable to appeal through the pages of *SCIENCE* to all scholars who may be interested in the symposium for further suggestions, particularly for the names of outstanding men who might be invited to participate.

The Mexican Society of Natural History is offering awards for the best scientific papers celebrating the centenary of the foundation of the cellular theory and will publish a commemorative volume. Papers presented in the symposium of the American Association for the Advancement of Science in Richmond can presumably be submitted for these awards also, and for a place in the commemorative volume, if that seems desired.

Please send suggestions either to the permanent secretary of the association or to the undersigned, Dr. Joseph Mayer, Secretary of Section L, Library of Congress, Washington, D. C.

JOSEPH MAYER

### SCIENTIFIC NOTES AND NEWS

SIR ALBERT SEWARD, from 1906 to 1936 professor of botany at the University of Cambridge, was elected president of the British Association for the Advancement of Science at the Cambridge meeting. Sir Albert was master of Downing College, Cambridge, from 1915 to 1936, and was vice-chancellor of the university from 1924 to 1926. Two members of the council were elected, Dr. Charles E. Spearman, emeritus professor of psychology at the University of London, and Dr. C. R. Fay, reader in economic history at the University of Cambridge. The meeting in 1939 will be held at Dundee. The places of meeting for 1940, 1941 and 1942 will be Newcastle, Belfast and Birmingham.

DR. MAJOR GREENWOOD, professor of epidemiology and vital statistics at the School of Hygiene and Tropical Medicine of the University of London, has been awarded the Bisset Hawkins Gold Medal of the Royal College of Physicians for his researches in statistics.

*Nature* reports that the joint committee of representatives of the Royal Society of Edinburgh, the Royal Physical Society and the Royal Scottish Geographical Society has awarded the Bruce Memorial Prize (1938) to Alexander R. Glen for his work in Spitsbergen, in-

cluding survey in New Friesland and the completion of the map of North East Land. The council of the Royal Society of Edinburgh has awarded the David Anderson-Berry Prize (1938) to Miss Mary A. C. Cowell, of the Holt Radium Institute, Manchester, for her essay entitled "An Investigation into some of the Factors affecting the Response of Human Skin and Human Skin Tumours to Radiation."

At the annual dinner on August 31 of the San Francisco meeting of the American Society of Bacteriologists Dr. Jerome T. Syvertson, assistant professor of bacteriology at the University of Rochester, in recognition of his work on filterable viruses, was presented with the prize of \$1,000 and a medal, founded by Eli Lilly and Company. The award is given annually to an investigator under thirty-one years of age who has made outstanding contributions to knowledge in the fields of bacteriology and immunology.

DR. WALLACE E. HERRELL, of the Mayo Foundation, has received the first award of the Foundation Prize of the Association of Obstetricians, Gynecologists and Abdominal Surgeons. His paper, entitled "Studies of

the endometrium in association with the normal menstrual cycle, with ovarian dysfunctions and with cancer of the uterus," will be presented on September 24 at the fifty-first annual meeting of the society at White Sulphur Springs, W. Va.

PROFESSOR ALFRED REHDER, of the Arnold Arboretum, Harvard University, celebrated his seventy-fifth birthday on September 4. In appreciation of his conspicuous services over a period of forty years to horticulture, dendrology, systematic botany and botanical bibliography, the staff tendered a dinner to him and to Mrs. Rehder on the evening of September 1. During the course of the dinner, Professor Rehder was presented with a substantial purse provided by members of the committee appointed by the Corporation of Harvard University to visit the Arnold Arboretum and by his associates.

DR. WALTER ANDREW BLOEDORN, assistant dean of the School of Medicine of the George Washington University and medical director of the university hospital, has been appointed acting dean of the School of Medicine.

DR. CHARLES E. PALM, assistant professor of entomology at Cornell University, has been appointed head of the department of entomology to succeed Professor O. A. Johannsen, who retired on July 1.

THE REV. DR. HILARY JURICA, professor of biology at St. Procopius College, Lisle, Ill., has been appointed head of the department of biology at DePaul University, Chicago, beginning in June, 1939. Until then he will be consulting head *in absentia*, and Professor F. A. Varrelman will be acting head of the department.

DR. EARLE B. PERKINS, professor of zoology and Antarctic explorer, has been appointed head of a newly established department of biophotography at Rutgers University. The department will continue on an enlarged scale the photographic research of the late Norman McClintock, photo-naturalist, who died early this year. The directional functions of the University Committee on Photographic Research in Biology will be taken over by Dr. Perkins. The department will undertake the production of instructional motion pictures of college grade in the field of biology and related subjects (botany, surgery, medicine, veterinary science and psychology), and the use of the motion picture camera as a research tool in the analysis of biological problems.

DR. CHILTON A. WRIGHT, of Washington, D. C., has been appointed professor of sanitary and hydraulic engineering at the Polytechnic Institute, Brooklyn, N. Y.

DR. RUSSELL H. LYDDANE has been appointed assistant professor of physics in the University of North

Carolina. He will take the place of Professor Otto Stuhlman, Jr., while the latter is on sabbatical leave. Dr. J. B. Fisk has been appointed associate professor.

DR. ROMAN KENK, extraordinary professor of zoology at the University of Ljubljana, Yugoslavia, has been appointed associate professor at the department of biology of the University of Puerto Rico.

THE Paris correspondent of the *Journal* of the American Medical Association reports that Professor Fernand Bezançon, phthysiologist, and Professor Marion, urologist, of the University of Paris, retired at the close of the academic year. In their case the law which now requires the retirement of university professors at the age of sixty-five years was modified so that they would not be obliged to retire until they had reached the age of seventy years.

THE Buhl Foundation grant for research in biochemistry has been renewed for the college year 1938-39 for studies on vitamin C, tissue respiration and molecular structure in the department of chemistry of the University of Pittsburgh. The following are the appointees under the renewed grant: Research fellows: Max O. Schultze, Ph.D., Wisconsin, animal nutrition and tissue respiration; Rade R. Musulin, Ph.D., Pittsburgh, animal nutrition, and Herbert E. Longenecker, Ph.D., Pennsylvania State College, the molecular structure of fats. Research assistants: Carter J. Harrer, B.S., Pittsburgh, tissue respiration; Theodore H. Clarke, B.S. Chem., Pittsburgh, the molecular structure of fats and sugars; Mary L. Dodds, B.S. Chem. and M.S., Pittsburgh, tissue respiration. The work on heats of combustion in relation to molecular structure will be under the supervision of Dr. Gebhard Stegeman, professor of physical chemistry. Dr. Charles Glen King, professor of biological chemistry, is director of the general project.

PROFESSOR H. J. CHANNON, professor of biochemistry at the University of Liverpool, has been appointed by the British Secretary of State for the Colonies member of a commission to visit the Malay Straits to survey existing arrangements for higher education, general and professional.

DR. MALCOLM H. SOULE, professor of bacteriology and director of the Laboratory of Hygiene of the University of Michigan, secretary of the Section of the Medical Sciences of the American Association for the Advancement of Science, has been appointed a delegate from the association to the Malaria Congress to be held in Amsterdam from September 23 to October 1.

PROFESSOR W. K. GREGORY, curator of comparative anatomy at the American Museum of Natural History and professor of paleontology at Columbia Uni-

versity, accompanied by Dr. Milo Hellman, professor of dentistry at the university, arrived in New York from South Africa on September 3. The visit was made at the request of Dr. Robert Broom, curator of anthropology at the Pretoria Museum, and Professor Raymond Dart, of Witwatersrand University, Johannesburg. Studies were made of the fossil skulls of anthropoid apes found in South Africa.

DR. WILBUR A. SAWYER, director of the International Health Division of the Rockefeller Foundation, left on September 2 for Bogota, Colombia, where he represented the United States and the Rockefeller Foundation at the Pan-American Sanitary Conference, which opened on September 4. Dr. Sawyer made the entire trip by air.

DR. WALTMAN WALTERS, professor of surgery at the Mayo Foundation, left Rochester, Minn., for a visit to Europe on September 4. He plans to read a paper before the meeting of the International Society of Surgery, which will be held in Brussels from September 19 to 22. He will also speak at the meeting of the French Urological Congress in Paris, which is being held from October 6 to 8. Later Dr. Walters will spend about three weeks in Great Britain, returning to the Mayo Clinic on November 7.

DR. ELLIOTT P. JOSLIN, emeritus professor of clinical medicine at the Harvard Medical School, delivered the two Malthus lectures and conducted a clinic in Oslo on September 5, 6 and 7; he will participate in a symposium on protamine insulin with Dr. H. C. Hagedorn, of Copenhagen, and Dr. Wilhelm Falta, of Vienna, before the Gesellschaft für Verdauungs- und Stoffwechsel-Krankheiten in Stuttgart on September 23.

*The Collecting Net* reports that Dr. Gregory Clarke, of Harvard University and the Woods Hole Oceanographic Institution, has leave of absence from the institution for three months to study the techniques used in fresh water lakes with a view to determining their application to marine conditions. Dr. Clark is now with Dr. Juday, who is director of the Trout Lake Limnological Laboratory in Wisconsin.

THE Australian and New Zealand Association for the Advancement of Science announces that H. G. Wells; Sir John Flett, until his retirement in 1935 director of the Geological Survey of Great Britain and of the Museum of Practical Geology, London; F. T. Brooks, professor of botany at the University of Cambridge, and Dr. Nevil Vincent Sidgwick, professor of chemistry at the University of Oxford, have accepted invitations to attend the meeting in Canberra next January.

DR. H. W. GILLETT, metallurgist at the Battelle

Memorial Institute, Columbus, Ohio, will deliver the 1939 Howe Memorial Lecture of the American Institute of Mining and Metallurgical Engineers.

ACCORDING to *Nature* the Polish journal *Acta Astronomica*, in its July issue, states that the following members of the staff of the Pulkovo Observatory have been imprisoned: I. A. Balanovsky, N. I. Dneprovsky, B. P. Gerasimovič (director), P. I. Iaschnoff, B. W. Noumeroff (director of the Astronomical Institute at Leningrad, who is believed to have been shot) and N. W. Zimmermann.

EXAMINATIONS are announced by the U. S. Civil Service Commission for vacancies in the various government departments in the field of physics. Examples of positions known to exist at the present time are: Principal physicist (high voltage therapeutic equipment), National Institute of Health, Treasury Department; associate physicist (electro-acoustics), Bureau of Mines, Department of the Interior, College Park, Md; and associate biochemist (radiation), Division of Industrial Hygiene, National Institute of Health, Treasury Department, Washington, D. C. There is a vacancy in the Bureau of Mines at Pittsburgh in the position of mineral economist. The salaries attached to these positions are as follows: Principal physicist, \$5,600 a year; senior physicist, \$4,600; physicist, \$3,800; associate physicist, \$3,200; assistant physicist, \$2,600; junior physicist, \$2,000; mineral economist (non-ferrous secondary metals), \$3,800.

THE annual meeting of the American Society of Zoologists will be held in Richmond, Va., on December 28, 29 and 30. All sessions for the reading of papers and for demonstrations will be held at the Medical College of Virginia, which is centrally located in Richmond. Members of the society, who wish to present papers at the Richmond meeting, should send titles and abstracts to E. G. Butler, secretary, Princeton University, on or before November 1.

THE twenty-sixth annual meeting of the American Association of Cereal Chemists will be held in Kansas City, Mo., from May 15 to 19, 1939. The association, which was organized in Kansas City in 1914, last met there in 1929. It is composed of chemists in the milling, baking, brewing and allied industries. The president for the current year is Dr. W. F. Geddes, of the Canadian Grain Research Laboratory, Winnipeg.

THE summer meeting of the Plant Taxonomists of the Indiana Academy of Science opened at Bass Lake, Indiana, on September 2 and lasted for four days. Field trips were made to various lakes and other points of interest to botanists in the northwest part of the state. The plant taxonomists of the Michigan Academy of Science were invited guests at the meeting.