

members from various parts of the country, has nominated the following official ticket of candidates for the offices becoming vacant on August 1.

*For President*

J. Allen Johnson, chief electrical engineer, Buffalo, Niagara and Eastern Power Corporation, Buffalo, N. Y.

*For Vice-presidents*

**Northeastern District:**

W. H. Timbie, professor of electrical engineering and industrial practise, Massachusetts Institute of Technology.

**New York City District:**

R. H. Tapscott, vice-president, New York Edison Company, New York.

**Great Lakes District:**

G. G. Post, vice-president, Milwaukee Electric Railway and Light Company.

**Southwest District:**

F. J. Meyer, vice-president in charge of operation, Oklahoma Gas and Electric Company, Oklahoma City.

**Northwest District:**

F. O. McMillan, research professor of electrical engineering, Oregon State College, Corvallis.

*For Directors*

F. Malcolm Farmer, vice-president and chief engineer, Electrical Testing Laboratories, New York.

Nevin E. Funk, vice-president in charge of engineering, Philadelphia Electric Company, Philadelphia.

H. B. Gear, assistant to the vice-president, Commonwealth Edison Company, Chicago.

*For National Treasurer*

W. I. Slichter, professor of electrical engineering, Columbia University.

These official candidates, together with any independent nominees that may be proposed later in the manner specified by the constitution and by-laws, will be voted upon by the membership at the coming election in the spring of 1934.

## OFFICERS OF THE WASHINGTON ACADEMY OF SCIENCES

THE result of election of the officers for the Washington Academy of Sciences was announced at its annual meeting as follows:

*President*, L. B. Tuckerman.

*Non-resident Vice-presidents*, E. C. Andrews, E. T. Wherry.

*Corresponding Secretary*, Paul E. Howe.

*Recording Secretary*, Charles Thom.

*Treasurer*, H. G. Avers.

*Members of the Board of Managers* for the three year term ending January, 1937, William M. Corse, John E. Graf.

*Vice-presidents*, representing the various affiliated societies of the academy:

Anthropological Society, Matthew W. Stirling.

Archeological Society, Walter Hough.

Bacteriological Society, N. R. Smith.

Biological Society, Chas. E. Chambliss.

Botanical Society, Charlotte Elliott.

Chemical Society, D. B. Jones.

Engineers, Paul E. Whitney.

Columbia Historical Society, Allen C. Clark.

Electrical Engineers, E. C. Crittenden.

Entomological Society, Harold Morrison.

Geological Society, C. N. Fenner.

Helminthological Society, G. Steiner.

Mechanical Engineers, H. L. Whittemore.

Medical Society, H. C. Macatee.

Military Engineers, C. H. Birdseye.

National Geographic, F. V. Coville.

Philosophical Society, H. L. Dryden.

Radio Engineers, H. G. Dorsey.

Society of Foresters, T. S. Palmer.

## THE GEOLOGICAL SOCIETY OF AMERICA

THE forty-sixth annual meeting of The Geological Society of America was held at the University of Chicago on December 28, 29 and 30. More than five hundred persons were in attendance, and a total of more than one hundred scientific papers were presented at the various sessions.

The address of the retiring president, Professor C. K. Leith, on "The Pre-Cambrian," was delivered on the evening of December 28 in Mandel Hall, and was followed by a smoker held in the Reynolds Club. The annual dinner was held at the Shoreland Hotel on the evening of December 29, when the sixth award of the Penrose Medal of The Geological Society, for distinguished service and fundamental contribution to the advancement of geologic science, was announced, the recipient being Professor Waldemar Lindgren, of the Massachusetts Institute of Technology.

The council of the society authorized twenty-six additional research grants at this time, from the income of the bequest to the society under the will of the late Dr. R. A. F. Penrose, Jr. A total of sixty-six grants have now received support from this fund, involving prospective expenditure of \$72,000.

The newly elected officers of the society for the year 1934 are:

*President*, W. H. Collins, Ottawa, Canada.

*Past-president*, C. K. Leith, Madison, Wisconsin.

*Vice-presidents*, Arthur L. Day, Washington, D. C.;

Eliot Blackwelder, Stanford, California; Percy E.

Raymond, Cambridge; John E. Wolff, Pasadena,

California.

*Secretary*, Charles P. Berkey, New York.

*Treasurer*, Edward B. Mathews, Baltimore.

*Councilors*, George W. Stose, Washington, D. C.; Raymond C. Moore, Lawrence, Kansas; Joseph T. Singewald, Jr., Baltimore; Frank F. Grout, Minneapolis; W. O. Hotchkiss, Houghton, Michigan; Joseph Stanley-Brown, New York; F. W. De Wolf, Urbana, Illinois; Donald H. McLaughlin, Cambridge; Adolph Knopf, New Haven, Connecticut.

Announcement was made of the election of twenty-one fellows, bringing the total membership to 684.

Meeting with the Geological Society were the Paleontological Society, the Mineralogical Society of America and the Society of Economic Geologists.

The 1934 meeting of the society will be held at the University of Rochester in December, 1934.

## SCIENTIFIC NOTES AND NEWS

THE CATHERINE WOLFE BRUCE GOLD MEDAL of the Astronomical Society of the Pacific for the year 1934 has been awarded to Dr. Alfred Fowler, professor of astrophysics in the University of London, for "distinguished service in the field of astronomy."

THE COLWYN GOLD MEDAL of the British Institution of the Rubber Industry was recently awarded to Dr. O. de Vries, until 1930 director of the Rubber Station, Buitenzorg, for scientific work in connection with the production of raw rubber. The presentation was made by Sir George Beharrell, president of the institution, at the twelfth annual general meeting held on January 12.

DR. J. DUFRENOY, director of the Station for Plant Pathology, with headquarters at Bordeaux, who has been working for the past year in the laboratory of plant physiology of the Citrus Experiment Station of the University of California at Riverside, has been elected a corresponding member of the Biological Society of Paris.

A SPECIAL issue of the *American Journal of Pathology* has been dedicated to Dr. Frank Burr Mallory, who recently retired from the professorship of pathology in the Harvard Medical School, in commemoration of his seventieth birthday and of the opening of the Mallory Institute of Pathology of the Boston City Hospital. At a dinner in his honor speeches were made by F. C. Hood, Dr. Elliott C. Cutler, Dr. Hans Zinsser and Dr. James Ewing. Dr. Simeon Burt Wolbach was toastmaster. Dr. Mallory was presented with a complete moving picture outfit and a silver pitcher as tokens of the esteem of his former pupils and his friends on the occasion of his retirement and the dedication of the building.

A TESTIMONIAL dinner was given to Dr. Stuart McGuire by the faculty and board of visitors of the Medical College of Virginia, at Richmond, on January 15, in recognition and appreciation of his forty years' continuous service to the institution as professor, president and now chairman of the executive committee of the Board of Visitors. Addresses were made by a number of members of the board and faculty, one of them by Dr. J. Fulmer Bright, emeritus professor of anatomy, and now mayor of Richmond.

DR. CHARLES O. TOWNSEND, formerly chief of the Sugar Division of the U. S. Tariff Commission, retired from the Federal Service on January 16, after having completed more than ten years in the service of the commission and thirty-two years in the service of the United States Government. At a ceremony attended by his colleagues, Dr. Townsend was presented with a watch. Having reached the age of retirement on January 16, 1933, Dr. Townsend was continued in the service for another year by direction of the President, in order to continue work on which he was then engaged.

THE following are the officers of the New York Academy of Sciences for 1934: *President*, Dr. Marshall A. Howe; *Vice-presidents*, Dr. Paul F. Kerr, Nels C. Nelson, Professor Herbert Ruckes and Professor Carl J. Warden; *Recording Secretary*, Dr. Roy Waldo Miner; *Corresponding Secretary*, Professor Horace W. Stunkard; *Treasurer*, Dr. George H. Sherwood; *Librarian*, Dr. G. Kingsley Noble; *Editor*, Mr. Herbert F. Schwarz; *Councilors* (1934-1936), Dr. W. Reid Blair and Dr. Elmer D. Merrill; *Finance Committee*, Harold E. Anthony, Harry C. Raven and John D. Sherman, Jr.

DR. MILTON J. ROSENAU, of the Harvard Medical School, was elected president of the Society of American Bacteriologists at the annual session in Philadelphia on December 28. Dr. Karl F. Meyer, of the Hooper Foundation, San Francisco, was named vice-president, and Dr. James M. Sherman, professor of bacteriology and dairy industry at Cornell University, was reelected secretary. Dr. Ludwig Hektoen, who recently retired as chairman of the department of pathology, Division of Biological Sciences, University of Chicago, was elected an honorary member.

DR. F. W. M. LAMB, lecturer on pathology at the University of Birmingham, has been appointed professor of toxicology and medical jurisprudence on the medical faculty of the University of Cairo. He succeeds Dr. J. Glaister, Jr.

ROLAND L. REDMOND, lawyer of New York City, has been elected president of the American Geographical Society, to succeed Dr. John H. Finley, of the editorial department of *The New York Times*, who has retired after holding office for eight years. Mr. Red-