

As in the case of the first prize, the amount of the second prize is to be one thousand dollars, which is to be awarded to the author of a noteworthy contribution to science presented at the approaching fifth Washington meeting of the American Association and associated organizations. The prize is not competitive in the usual sense and no formal entry of papers will occur. Only papers that appear on the program of the Washington meeting will be considered. The programs of all the scientific societies meeting with the association at Washington will be considered, as well as those of the association itself. Since it is the aim of the association to further the advancement of American science and education in all feasible ways, it will not be necessary that the chosen contribution be by a member of the association.

The award will be made at the close of the meeting and it will probably be announced late on January 3, 1925, in time for the Sunday morning papers of January 4. It will be made by a committee of scientists to be named by the council early in the meetings. The committee on award will receive from the secretaries of the sections and societies meeting with the association at Washington suggestions of noteworthy contributions in the various fields of science.

The inauguration of the American Association prize, which occurred last year at the seventy-fifth anniversary, at Cincinnati, aroused interest to a marked degree. The recipient of the first prize was Professor L. E. Dickson, of the University of Chicago, for a great contribution to mathematical science. It is expected that the interest in the second prize to be manifested by those in attendance at Washington and by the intellectual public as well, will even surpass the interest shown last year. The American Association is particularly gratified to be able to continue awarding these thousand-dollar prizes. Through the great generosity and helpful spirit of one of the members of the association, arrangements have been made by which five annual prizes are now provided for, in addition to the prize awarded last year. It is planned that the prize will be awarded at each of the four annual meetings following the fifth Washington meeting. The third prize will be awarded at the Kansas City meeting, at the close of the year 1925; the fourth prize at the fifth Philadelphia meeting, at the close of 1926; the fifth prize at the meeting to occur at the close of 1927 (place of meeting as yet undecided); and the sixth prize at the fifth New York meeting, at the close of 1928.

BURTON E. LIVINGSTON,
Permanent Secretary

DINNER OF THE NEW YORK ALUMNI OF SIGMA XI

A DINNER for the alumni of Sigma Xi, of which

there are about one thousand members in New York City, has been arranged to take place on Monday evening, November 17, at 7:00 P. M., at the Fraternity Club, 245 Madison Ave., New York City.

The "New battle front of civilization" will be the topic of the principal address by Dr. Vernon Kellogg, secretary of the National Research Council and a member of the executive committee of Sigma Xi. Supplementary remarks on the same topic will be made by Dr. E. L. Thorndike, professor of psychology at Columbia; Dr. Edwin E. Slosson, director of Science Service; F. B. Jewett, vice-president in charge of research of the Western Electric Company; Dr. Francis Carter Wood, director of cancer research, Crocker Laboratory, and Dr. Michael Pupin, professor of electromechanics at Columbia University. President F. K. Richtmyer, of Cornell University, will be present to explain the broad program upon which Sigma Xi is embarking. Secretary Edward Ellery, of Union College, will act as toastmaster. Invitation cards may be obtained from C. E. Davies, chairman.

SCIENTIFIC NOTES AND NEWS

DR. GEORGE WILLIS RITCHIEY, of the Solar Observatory, California, has been awarded the Janssen gold medal by the Paris Academy of Sciences for his work in connection with the construction of the reflecting telescope.

DR. JOHN M. T. FINNEY, professor of clinical surgery at The Johns Hopkins University, has been elected foreign corresponding member of the Royal Academy of Medicine of Belgium.

THE French Government has conferred the decoration of chevalier de la Légion d'Honneur upon Dr. W. H. Hobbs, professor of geology; Dr. F. G. Novy, professor of bacteriology, and Dr. H. P. Thieme, professor of Romance languages, all of the University of Michigan.

A new portrait of President E. A. Birge, of the University of Wisconsin, by Merton Grenhagen, of Milwaukee, has been completed and will soon be hung in the Regents room of the university. A portrait of Professor R. L. Jones, of the College of Agriculture, has also just been completed by Mr. Grenhagen to be hung in agricultural hall.

THE University of Pennsylvania has announced that a further gift had been made by John C. Bell for the erection of statues in honor of two former provosts of the university, Dr. Charles C. Harrison and Dr. Edgar Fahs Smith. It is expected that the two statues will be completed in time for presentation to the university next commencement day. Dr. R. Tait McKenzie, director of physical education, is to be the

sculptor for the statue of Dr. Smith, while Lynn Jenkins, the English sculptor, is creating that of Dr. Harrison.

DR. P. B. BERLOTY, director of the Ksara Observatory in Syria, has been elected a corresponding member of the French Academy of Sciences in the section of geography and navigation, in the place of P. Colin.

THE Budapest Veterinary Academy has conferred the degree of doctor of veterinary sciences, *honoris causa*, on Sir John McFadyean, principal of the Royal Veterinary College, England.

THE Beal medal of the American Gas Association, awarded annually for the best technical paper presented at previous meetings of the association, has been awarded to A. W. Warner, of Chester, Pa., for his paper entitled "The study of physical laws governing carbonization of coal."

DR. GEORGE C. WHIPPLE, Gordon McKay professor of sanitary engineering at Harvard University, has been commissioned in the Reserve of the United States Public Health Service as directing sanitary engineer with the grade of assistant surgeon general.

AT the Storrs Agricultural Experiment Station Dr. Walter Landauer, formerly of the Zoological Institute, Heidelberg University, has joined the staff as fellow in genetics (poultry investigations). Miss Margaret Schneider has been granted leave of absence for the first semester and is studying in the department of zoology, Columbia University.

W. TAYLOR THOM, JR., has been appointed geologist in charge of the newly formed section of geology of fuels in the Division of Geology, United States Geological Survey.

ALDEN H. MOODY, recently with the Union Carbide and Carbon Research Laboratories, has joined the chemical staff of the Brooklyn Polytechnic Institute.

J. J. MARRIS, nitrogen chemist of the Mississippi Department of Agriculture, has been appointed to the staff of Law & Co., consulting and analytical chemists at their Wilmington, N. C., laboratories.

NEIL HOTCHKISS, a graduate of Syracuse University, has been appointed assistant in agrostology (junior botanist) in the United States Bureau of Plant Industry.

PROFESSOR S. LEFSCHETZ, of the University of Kansas, has been appointed visiting professor of mathematics at Princeton University for the year 1924-25.

DR. HENRY MCE. KNOWER is spending this winter as visiting professor of anatomy, in charge of the

courses in histology and neurology at the medical college of the University of Georgia, Augusta.

DR. C. B. HUTCHINSON, director of the branch of the College of Agriculture of the University of California at Davis, has left for Europe to join Dean A. R. Mann, of the College of Agriculture at Cornell University, at the International Institute of Agriculture in Rome. They will study conditions of agriculture and engage in the promotion of agricultural research and instruction and do not expect to return for two years.

PROFESSOR GEORGE G. MACCUDY, of the Peabody Museum, Yale University, recently returned from France, bringing over relics of men and animals of the pre-historic age. Since last spring he has been excavating at Sergeac, near Bordeaux, and at Solutre, near Lyons.

DR. HAVEN EMERSON, professor of public health administration in the Columbia University College of Physicians and Surgeons, New York, will make a survey of health conditions in Cincinnati beginning about November 10.

MR. AND MRS. VISSER, whose first expedition to the Karakorum Mountains, a spur of the Himalayas, in 1922 met with insurmountable obstacles, intend to start a second expedition in 1925.

MRS. AGNES CHASE, assistant agrostologist of the United States Bureau of Plant Industry, sailed for Brazil on October 18, where she will remain about six months studying and collecting grasses.

DR. HERBERT E. IVES lectured before the Western Society of Engineers, in Chicago, on October 20, on "The transmission of photographs over telephone lines," describing the system recently developed by engineers of the Bell system.

DR. C. B. BAZZONI, professor of experimental physics in the University of Pennsylvania, delivered a lecture on "The atomic nucleus" before the Swarthmore chapter of Sigma Xi on October 28.

DR. THORWALD MADSEN, director of the Serological Institute, Copenhagen, Denmark, delivered the Wesley M. Carpenter lecture, of the New York Academy of Medicine, on October 16.

DR. OTTO OLDENBERG, of the University of Göttingen, Germany, gave a lecture on October 29 at the Massachusetts Institute of Technology entitled "Phosphorescence and fluorescence phenomena."

PROFESSOR E. C. C. BALY, of the University of Liverpool, addressed the New York section of the American Chemical Society on November 3 on the subject "Photosynthesis."

DR. H. J. PAGE, of Harpenden, England, gave a lecture at Cornell University, October 1, on "The work of the Rothamsted Experimental Station."

DR. CHARLES EDWIN PERKINS, clinical professor of otology in Bellevue Hospital Medical College, died on October 23, at the age of fifty-seven years.

DR. JOHN VAN DENBURGH, physician and head of the department of herpetology of the California Academy of Sciences, has died by suicide.

EDWARD LOTHROP RAND, corresponding secretary of the New England Botanical Club from 1895 until 1921, died at his home in Cambridge, Mass., October 9, 1924. A correspondent writes: Mr. Rand was born in Dedham, Mass., on August 22, 1859. He was graduated from Harvard College in 1881 and from the Harvard Law School in 1884. He practiced law in Boston for many years, but devoted much attention to botany. In collaboration with the late John H. Redfield, of the Philadelphia Academy of Natural Sciences, he prepared and in 1894 published a detailed Flora of Mount Desert Island, Maine, which at the time was one of the most complete works of its nature that had appeared in any part of America. He was among the founders of the New England Botanical Club and was a member of the publication committee of its journal, *Rhodora*, from 1898 until his death. He gave to the club in 1914 his extensive herbarium of Mount Desert plants.

THE president-elect of Mexico, General Calles, and a group of Mexican physicians and public men visited the Pasteur Institute, Paris, on Wednesday, October 8, 1924. They were received by Dr. Roux, the director, and members of the staff of the institute. In a few words of welcome Dr. Roux expressed his pleasure at the interest of the president in medical research and measures to promote public health. General Calles was invited to sign the Golden Book of the institute and, as a souvenir of the occasion, was presented with a portrait of Pasteur. The party was then shown the apartments of Pasteur and the permanent exhibit of his apparatus and mementos, and afterwards the various laboratories of the institute and the magnificent tomb of Pasteur.

THE joint program of Section G, of the American Association for the Advancement of Science with the Botanical Society of America, the American Phytopathological Society and other botanical organizations, will be held on Tuesday afternoon, December 30. This program, which occupies the afternoon of the first full day of the Washington meeting, will be opened by an address on "The origin of the cycads," by the retiring vice-president of Section G, Dr. C. J. Chamberlain. This address will be illustrated. The

following invitation papers will then be presented: "Root studies," by Dr. J. E. Weaver, of the University of Nebraska. "Soil nutrients," by Dr. E. J. Kraus, of the University of Wisconsin. "Mosaic and related diseases," by Dr. L. O. Kunkel, of the Thompson Institute for Plant Research. Correspondence should be addressed to the secretary, Dr. Robert B. Wylie.

THE American Society of Naturalists will meet in Washington, D. C., on Thursday, January 1, 1925. Headquarters of the society will be the Hotel Raleigh, Pennsylvania Avenue and 12th Street, N. W. The rates are \$3.00 to \$10.00. The morning program will be devoted to an address by Dr. John C. Merriam. In the afternoon a symposium on growth will be participated in by Drs. Alexis Carrel, Charles R. Stockard, Lafayette B. Mendel and D. T. MacDougal. The evening will be occupied with the annual dinner and the address of the president, Professor W. H. Howell. No preliminary notice of the meeting will be mailed to members this year.

THE fifteenth annual meeting of the American Association for the Advancement of Agricultural Teaching will be held at the Willard Hotel in Washington on November 11.

THE annual meeting of the American Society of Agronomy will be held in Washington, D. C., on November 10 and 11, under the presidency of M. F. Miller. There will be symposia on the following subjects: Economic relationships of agronomy, agronomic observations in foreign lands, soil colloids, nitrogen fixation, the legume problem and plant physiology and agronomic science.

AT the Madrid meeting of the International Geodetic and Geophysical Union, held from October 1 to 10, it was decided to hold the next congress in Prague in 1927.

AT the regular meeting of the New Jersey Chemical Society held in Newark on October 14, David Wesson, consulting chemist, Southern Cotton Oil Co., delivered his presidential address on "Some chemical problems and responsibilities." Dr. Jerome Alexander, consulting chemist, New York City, gave an address entitled "Bridging the gap between masses and molecules."

AT a symposium at the Pittsburgh, Pa., station of the U. S. Bureau of Mines, dealing with the subject of the importance of chemistry in food product development, October 16, the following speakers gave addresses: John C. Fetterman, director, National Certification Laboratory, "The chemist in the dairy industry"; H. N. Riles, director of research, H. J. Heinz Co., "The chemist in the packed food industry"; T. B. Downey, senior industrial fellow, Mellon Institute, "The chemist in the edible gelatin industry,"

and E. S. Stateler, technologist, Hershey Brothers, "The chemist in the confectionery industry."

THE will of the late Elizabeth Blee Frascch directs that her estate of over \$5,000,000 be held in trust by the United States Trust Company and the income be used for "research in the field of agricultural chemistry, with the hope of attaining results which shall be of practical benefit to the agricultural development of the United States." It is provided that the trustee after advising with the American Chemical Company select one or more incorporated institutions in the United States and pay the income to them upon the condition that they agree that the money will be devoted to research in agricultural chemistry.

THE will of the late Henry R. Towne, engineer and head of the Yale and Towne Manufacturing Company, disposes of an estate estimated at several millions and gives the bulk of it as a residuary bequest after the death of his son, to establish museums of peaceful arts, or industrial museums for the people of the City of New York. He gave \$50,000 for "a campaign of education, news and publicity designed to bring prominently to public notice essential facts concerning the great industrial museums of Europe." If it is deemed inexpedient by the executors and trustees, by unanimous judgment, to expend funds for peace museums, the residuary estate is to be divided into two equal parts for the benefit of the Metropolitan Museum of Art and the American Museum of Natural History. Other bequests include \$10,000 for the Franklin Institute of Philadelphia to be held in trust as a fund in memory of Mr. Towne's father, the late John Henry Towne, who was actively connected with the institute; \$50,000 fund, to be known as the "Henry R. Towne Engineering Fund," to the United Engineering Society of New York, and \$10,000 to New York University for its endowment fund.

THE residue of the estate of the late Mrs. Gordon Dexter, of Boston, estimated at several hundred thousand dollars, is left to Harvard University for research in bacteriology and for the purchase of books for the library.

NEW YORK may acquire a community forest, or plant one, by recommendation of Professor Hugh Findlay, of Columbia University, who is directing work along the lines of reforestation and tree conservation for university extension students. Central Park and the New York Botanical Gardens will be used by his students as laboratories in experimental work. A special investigation will be made of the importance of birds to forest and home trees, and of the use of trees in industry.

UNIVERSITY AND EDUCATIONAL NOTES

THE University of Chicago has set aside a tract of nine acres, the two blocks west of Ellis Avenue facing the midway, to be devoted wholly to the new medical school. The buildings now on this tract will be removed in time, and the university will immediately spend \$4,000,000 for hospitals, laboratories and teaching quarters, and eventually not less than \$3,000,000 more. To endow the work to be housed in these buildings will call for \$5,000,000 in the near future.

THE Worcester Polytechnic Institute is planning a new mechanical engineering building to cost approximately \$350,000.

YALE UNIVERSITY and the New York Nursery and Child's Hospital are named residuary legatees in the will of the late Mrs. Lucie A. Bliss. The fund for Yale is to be used for increases in salaries of professors.

PROFESSOR JOHN BARLOW, for 21 years head of the department of zoology in Rhode Island State College, has been appointed dean of the general science course in that college.

FOLLOWING the recent resignation of Dr. Henry Page, a committee has been appointed by the board of directors of the University of Cincinnati to administer the work of the college of medicine. The members are: Dr. Arthur C. Bachmeyer, superintendent, Cincinnati General Hospital; Dr. Alfred Friedlander and Dr. Nathan C. Foot. Dr. Bachmeyer, as chairman of the committee, will be the acting dean.

DR. EDWIN G. BORING, associate professor of psychology at Harvard University, has been appointed director of the psychological laboratory.

AT Harvard University, Dr. Robert B. Osgood has been appointed John B. and Buckminster Brown professor of orthopedic surgery to succeed the late Professor Robert W. Lovett and Dr. William L. Moss has been appointed assistant professor of bacteriology.

E. M. SPIEKER has been granted leave of absence from the United States Geological Survey to give a course of instruction in geology at Ohio State University.

H. W. WRIGHT has accepted a position as professor and head of the department of chemistry in Union College, Kentucky.

DR. E. FITERRE, who has been studying in Paris on the Albarran fellowship for two years, has been appointed associate professor of physiology at the University of Havana.

DR. CARL F. SCHMIDT has been appointed assistant professor of pharmacology at the University of Pennsylvania.