

Isolations known to produce penicillin are especially desired.

Individuals who wish to survey other fungi for penicillin activity can obtain directions for a standard technique from the U. S. Department of Agriculture Regional Laboratory at Peoria, Illinois.

ALBERT L. ELDER,  
*War Production Board*  
*Coordinator of Penicillin Program*

### THE NEW YORK BOTANICAL GARDEN

DR. WILLIAM J. ROBBINS, director of the New York Botanical Garden, speaking at the annual meeting of the garden in January, outlined the projects which had been approved by the City of New York shortly before the end of the year. The work to be done out of doors is in part necessitated by the widening of highways adjacent to the grounds of the garden.

Plans for rebuilding the Museum and Administration Building are being drawn under a contract awarded jointly to the firms of Aymar Embury II and of Skidmore, Owings and Merrill, architects. The remodeling of the building, erected forty-five years ago, is expected to cost \$900,000. When added to improvements on the grounds this will bring the total expenditures for alterations to be carried out immediately after the war to the sum of \$1,750,000.

The plans include the erection of a restaurant and comfort station north of the main conservatories, and complete re-landscaping of this area. Major Gilmore Clarke has been commissioned to prepare the final plans and specifications. His assignment also includes the re-designing of the system of roads and bridges through the grounds. His basic plan has already been approved by the Board of Managers. A new rose garden, the design of which was accepted at the annual meeting last year, will be established in the vicinity of the conservatories.

Preliminary plans for the reconstruction of the interior of the Museum and Administration Building call for a new main entrance which would lead visitors directly into a small museum on the ground floor. Most of the present museum exhibits will be stored for use as reference collections. The lecture hall, where many of the courses are given as well as the free lectures on Saturdays and occasional special conferences and programs, will be completely remodeled, with improved stage, seating, lighting, ventilation and projection equipment.

A self-service elevator is to be installed for the use of the staff. Increased space will be provided for the herbarium, which, with more than 2,000,000 specimens now on hand, is growing at the rate of nearly 40,000 specimens a year. The library of 50,000 bound volumes is increased each year by about 700 volumes and many thousands of periodicals, pamphlets, separates,

etc. Additional office and working space for members of the staff, classrooms for lectures and laboratory practice, are also planned. Laboratories for plant pathology, physiology and genetics, in addition to rooms for photography and photostating, as in the present building, will be provided. There will be a rare book room for the library, and arrangements will be made for fumigating all herbarium specimens.

### THE OPTICAL SOCIETY OF AMERICA

THE winter meeting of the Optical Society of America will be held at the Hotel Pennsylvania in New York City, on March 2, 3 and 4. The Inter-Society Color Council will meet on March 1, one day earlier, at the Hotel Pennsylvania. There will be a session for the discussion of Small Color Differences at 9:30 A.M., and an afternoon session at 2:30 P.M. for the discussion of other topics and the transaction of council business.

On Thursday, March 2, at 2 P.M. there will be a symposium of invited papers given before the Optical Society on the Ostwald Color System, and on Friday, March 3, at 10 A.M. a symposium of invited papers on "Infrared and Organic Chemistry." At 2 P.M. there will be a third symposium of "ten-minute" papers on "Infrared and Organic Chemistry."

On Friday evening an informal dinner is planned at which Dr. W. W. Coblentz, physicist of the National Bureau of Standards, will present some reminiscences. The dinner will be followed by an address by Dr. R. Bowling Barnes, director of the Division of Physics of the Stamford Research Laboratories of the American Cyanamid Company, who will speak on "Natural and Synthetic Rubber, Physical Methods of Analysis." There will be sessions for contributed papers on miscellaneous topics on Saturday.

The meeting will be open to non-members. Those who desire to receive the advance program or other information should address their requests to Dr. Arthur C. Hardy, Secretary, Optical Society of America, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.

### OFFICERS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

OFFICERS of the American Association for the Advancement of Science have been elected as follows:

#### *President:*

Anton J. Carlson.

#### *Vice-presidents:*

*Mathematics*, J. L. Walsh, Harvard University.

*Physics*, Albert W. Hull, General Electric Co., Schenectady.

*Chemistry*, Arthur J. Hill, Yale University.

*Astronomy*, Seth B. Nicholson, Mt. Wilson Observatory.

*Geology and Geography*, Howard A. Meyerhoff, Yale University.

*Zoology*, George T. Hargitt, Duke University.

*Botany*, R. E. Cleland, Indiana University.

*Anthropology*, J. Alden Mason, University of Pennsylvania.

*Psychology*, Edward C. Tolman, University of California.

*Social and Economic Sciences*, Stanley D. Dodge, University of Michigan.

*History and Philological Sciences*, E. B. Krumbhaar, University of Pennsylvania.

*Engineering*, I. Melville Stein, Leeds and Northrup, Philadelphia.

*Medical Sciences*, Oswald T. Avery, Rockefeller Institute for Medical Research, New York.

*Agriculture*, R. J. Garber, U. S. Regional Laboratory, State College, Pa.

*Education*, Harold F. Clark, Columbia University.

*Permanent Secretary*, F. R. Moulton.

*General Secretary*, Otis W. Caldwell.

*Treasurer*, W. E. Wrather.

*Director of Publications*, F. L. Campbell.

*Assistant Secretary*, Sam Woodley.

*Executive Committee*: Burton E. Livingston, the Johns Hopkins University, *Chairman*; Roger Adams, the University of Illinois; Joseph W. Barker, Columbia University; Otis W. Caldwell, Boyce Thompson Institute for Plant Research; Walter B. Cannon, Harvard Medical School; Anton B. Carlson and Arthur H. Compton, University of Chicago; Kirtley F. Mather, Harvard University; F. R. Moulton, Elvin C. Stakman, University of Minnesota, and W. E. Wrather, U. S. Geological Survey.

## SCIENTIFIC NOTES AND NEWS

DR. GEORGE HOWARD PARKER, professor of zoology emeritus of Harvard University, in recognition of his work for the advancement of zoology, has been elected a foreign member of the Zoological Society of London.

THREE of the four Charles Mayer fellowships of the New York Academy of Medicine, each of the value of \$2,000, for "the study of the relationship between precancerous lesions of the mouth, hepatic insufficiency and gastrointestinal disorders," have been awarded to Dr. Harry Goldblatt, professor of experimental pathology at the School of Medicine of Western Reserve University; to the Cancer Research Laboratory of the Mount Sinai Hospital, New York, and to Dr. John R. Murlin, professor of physiology at the University of Rochester. Further applications should be sent to Dr. Mahlon Ashford, secretary of the committee, 2 East 103rd Street, New York, not later than April 1.

THE Institute of the Aeronautical Sciences has, as already announced, elected Major R. H. Fleet, of San Diego, president. Vice-presidents elected are Wellwood E. Beall, vice-president of the Boeing Aircraft Company; William K. Ebel, vice-president of Glenn L. Martin Company; Elmer A. Sperry, Jr., vice-president of the Sperry Products, Inc.; and G. M. Williams, vice-president of the Curtiss-Wright Corporation. Bennett H. Horschler has been made executive vice-president; Charles H. Colvin, director of the Daniel Guggenheim School of Aeronautics of New York University, treasurer; Robert R. Dexter, secretary, and Lester D. Gardner, chairman of the council and president of the Aeronautical Archives.

DR. GERTRUDE RAND, of the Institute of Ophthalmology of the Presbyterian Hospital, New York City,

was the guest of honor on February 7 at a tea meeting at the Hotel Ritz-Carlton, New York City, of the Residence Lighting Forum of the New York Section of the American Illuminating Engineering Society. Dr. Rand spoke on her work on artificial lighting and its relation to the practical study of lighting and vision. George Ainsworth, architect, designer and illuminating engineer, spoke on the practical application of these researches to the lighting of interiors.

THE following have been elected officers for 1944 of the Mineralogical Society of America: *President*, R. C. Emmons, University of Wisconsin; *Vice-president*, Harry Berman, Harvard University; *Editor*, Walter F. Hunt, University of Michigan; *Treasurer*, Earl Ingerson, Geophysical Laboratory, Washington, D. C.; *Secretary*, Paul F. Kerr, Columbia University, and *Councilor, 1944-47*, S. J. Shand, Columbia University.

JOHN H. MONTGOMERY, of Fritzsche Bros., Inc., was elected at the annual meeting on January 15 president of the Essential Oil Association of the United States of America.

R. W. MARSH, of the Long Ashton Research Station, has been elected president for 1944 of the British Mycological Society.

DR. G. WATTS CUNNINGHAM, Susan Linn Sage professor of philosophy at Cornell University, has been appointed dean of the Graduate School. He succeeds Professor G. H. Sabine, now vice-president of the university. Dr. Cunningham has been professor of philosophy at the university since 1927. Dr. Philip A. Munz, dean of the faculty of Pomona College, has been appointed, effective on July 1, professor of botany and horticulture in the Bailey Hortorium.