

versity of Wisconsin; secretary, Professor F. N. Cole, 501 West 116th Street, New York City. Chicago, December 26, 27, secretary of Chicago meeting, Professor H. E. Slaughter, University of Chicago, Chicago, Ill.

The American Anthropological Association.—December 29–31. President, Professor Roland B. Dixon, Harvard University; secretary, Professor George Grant MacCurdy, Yale University, New Haven, Conn.

The American Folk-Lore Society.—December 31. President, John A. Lomax, University of Texas; secretary, Dr. Charles Peabody, 197 Brattle St., Cambridge, Mass.

PRINCETON

The Geological Society of America.—December 30–January 1. President, Professor Eugene A. Smith, University of Alabama; secretary, Dr. Edmund Otis Hovey, American Museum of Natural History, New York City.

The Association of American Geographers.—Probably meets at Princeton but official information has not been received.

The Paleontological Society.—December 31–January 1. President, Dr. Charles D. Walcott, Smithsonian Institution; secretary, Dr. R. S. Bassler, U. S. National Museum, Washington, D. C.

NEW HAVEN

The American Psychological Association.—December 30–January 1. President, Professor Howard C. Warren, Princeton University; secretary, W. Van Dyke Bingham, Dartmouth College, Hanover, N. H.

The American Philosophical Association.—December 29–31. President, Professor E. B. McGilvary, University of Wisconsin; secretary, Professor E. G. Spaulding, Princeton, N. J.

MINNEAPOLIS

The American Economic Association.—December 27–30. President, Professor David Kinley, University of Illinois; secretary, Professor T. N. Carver, Harvard University, Cambridge, Mass.

The American Sociological Society.—December 27–30. President, Professor Albion W. Small, University of Chicago; secretary, Scott E. W. Bedford, University of Chicago, Chicago, Ill.

WASHINGTON, D. C.

The American Association for Labor Legislation.—December 30–31. President, Professor W.

W. Willoughby, Princeton University; secretary, Dr. John B. Andrews, 131 East 23d St., New York City.

MONTREAL

The Society of American Bacteriologists.—December 31–January 2. President, Professor C. E. A. Winslow, College of the City of New York; secretary, Dr. A. Parker Hitchens, Glenolden, Pa.

SOCIETIES AND ACADEMIES

THE BOTANICAL SOCIETY OF WASHINGTON

THE thirteenth annual meeting of the Botanical Society of Washington was held in the committee room of the Bureau of Plant Industry on October 17, 1913, at 1:30 P.M., with seventeen members present. The customary reports were presented and approved and the following officers elected for the ensuing year: *President*, C. L. Shear; *Vice-president*, A. S. Hitchcock; *Recording Secretary*, C. E. Chambliss; *Corresponding Secretary*, P. L. Ricker; *Treasurer*, H. H. Bartlett. Mr. F. L. Lewton was nominated as Vice-president from the society for the Washington Academy of Sciences.

The ninetieth regular meeting of the Botanical Society of Washington was held in the assembly hall of the Cosmos Club on Monday, October 6, 1913, at 8 P.M., with forty-two members and seventeen guests present, including the following distinguished European botanists: Frau Dr. Brockmann-Jerosch, Zürich; Dr. Edward Rübel, Zürich; Professor Carl Schröter, Zürich; Professor C. von Tubeuf, München.

The program consisted of brief informal remarks, as follows:

An address of welcome to the guests of the society, by President Stockberger.

"Citrus Plants of the World and their Importance and Use in Connection with Citrus Cultures and Citrus Breeding," by Mr. Walter T. Swingle.

"A Brief Summary of the Results of Twenty Years' Work with Mistletoe," by Professor C. von Tubeuf.

Professor Carl Schröter of Zürich translated Professor Tubeuf's address into English.

"Plant Introduction Work of the Bureau of Plant Industry," by Mr. David Fairchild.

"Impressions Received during the American International Phytogeographic Excursions," by Professor Carl Schröter.

"Nodule Production and Nitrogen Fixation by Plants other than Leguminosæ," by Dr. Carl Kellerman.

"The Chestnut Blight Disease," by Dr. Haven Metcalf.

"Photographs of Buckthorn Acacias," by Mr. W. E. Safford.

The ninety-first regular meeting of the Botanical Society of Washington was held in the assembly room of the Cosmos Club at 8 o'clock P.M., Tuesday, November 4, 1913, with forty-six members and five guests present.

Dr. Harry B. Humphreys and Messrs. G. C. Husmann and K. J. J. Lotsy were elected to membership.

The action of the retiring executive committee relative to giving a dinner in honor of the seventieth birthday of Dr. Edward L. Greene was called to the attention of the Society by the President, and a committee was appointed to arrange the details.

The following scientific program was presented:

Abbreviations used in the Citation of Botanical Literature: PROFESSOR A. S. HITCHCOCK.

Professor Hitchcock pointed out the different methods used for abbreviating citations, the extreme contraction on the one hand, such as "O B Z" (*Oesterreichische Botanische Zeitschrift*), and on the other the elaborate citations used by some authors in the *Pflanzenreich*. Abbreviations should be brief as possible consistent with clearness, but should follow a definite system. The speaker described the system followed in abbreviating citations used in the Contributions from the U. S. National Herbarium. The record of authorized abbreviations of authors and titles is indexed in a card catalogue. Authors consult this record when preparing manuscript for publication, thus aiding the editor in securing uniformity.

Non-parasitic Foliage Injury: MR. CARL P. HARTLEY.

Notes were given on the effects of drouth and storm on leaves of ornamental trees at Washington, D. C., for the past season. June and July were hot and dry, with but 35 per cent. of normal rainfall. Norway maple, especially in street planting, suffered most from drouth, the margins of leaves being killed; in the worst cases whole leaves except parts immediately adjoining the veins died. Most other trees, including *Acer rubrum*, escaped serious leaf injury. A northeast storm with hail and a 66-mile wind at the end of July injured many species, especially sugar maple and American basswood. The storm injury to maple resulted in the death of large parts of leaves at the margins and between the veins, with-

out laceration or other external indication of mechanical injury. These storm-injured maple leaves could be distinguished from those hurt by drouth only by their limitation to parts of trees especially exposed to the northeast storm.

Pitfalls in Plant Pathology: DR. H. W. WOLLENWEBER (with lantern).

A revision of the hundreds of species of *Fusarium* in literature has led the writer to believe that the genus *Fusarium* contains only 30 to 50 different forms. To convince himself of this fact he intends to compare his pure culture strains with species of the important exsiccata collections of the old world.

A sharp criticism was given to mycologists who send unreliable specimens to the international "Pilzcentrale" in Amsterdam. Many errors are caused by the earlier opinion that *Fusaria*, as a rule, are adapted to one particular host.¹

Sections of a Fossil Wood from Asphalt Lake near Los Angeles, Cal. (specimens): DR. ALBERT MANN.

Thin sections of the petrified wood were exhibited under a microscope which showed fungus hyphae. Brief notes were given as to the apparent method of the growth of the fungus and the possible identification of the tree was discussed.

P. L. RICKER,
Corresponding Secretary

THE PHILOSOPHICAL SOCIETY, UNIVERSITY OF VIRGINIA, MATHEMATICAL AND SCIENTIFIC SECTION

THE first meeting of the session of 1913-14 of the Mathematical and Scientific Section was held October 20.

The following officers were elected to serve for the session: *Chairman*, Professor W. S. Rodman; *Secretary*, Professor L. G. Hoxton; *Publication Committee*, Professor W. H. Echols, Professor Thos. L. Watson, Professor Wm. A. Kepner.

Professor W. H. Echols read a paper "On the Expansion of a Function in Terms of Rational Functions."

Professor S. A. Mitchell presented a report of work done on an eclipse expedition to Spain.

L. G. HOXTON,
Secretary

UNIVERSITY OF VIRGINIA

¹ Lantern slides were shown to illustrate the difficulties the taxonomist meets, and these were explained and discussed.