

"Correlations between the Binet Tests and other Mental and Physical Tests," by Edward K. Strong, Jr.

"Norms of Negro Mentality," by W. H. Pyle.

"The Standardization of Knox's Cube and Feature Profile Tests," by Rudolf Pintner.

"On the Memory for Musical Sequences," by Kate Gordon.

"Effects of Practise on the Singing and Discrimination of Tones," by E. H. Cameron.

"The Vowel Character of Fork Tones," by A. P. Weiss.

"The Influence of Expectation on Sound Localization," by L. R. Geissler.

"Individual Differences in Fluctuations of the Attention," by Henry C. McComas.

"Awareness and Partial Awareness as Factors in Efficiency," by G. F. Arps.

"The Acquisition of Skill in Archery," by K. S. Lashley.

"A New Method of Studying Ideational and Allied Forms of Behavior in Man and other Animals," by R. M. Yerkes.

"A Preliminary Report on Number Reactions in the Dog," by A. H. Sutherland.

"The Visual Difference-Threshold for Size in the Monkey and the Domestic Chick," by H. M. Johnson.

"Two Cases of Criminal Imbecility," by Henry H. Goddard.

"The Value of Anthropometric Measurements in the Diagnosis of Feeble-mindedness," by E. A. Doll.

"The Influence of Improvement in one Simple Mental Process upon Other Related Processes," by A. T. Poffenberger, Jr.

"A Revision of Imageless Thought," address of the president, by Robert Sessions Woodworth.

"The Introspective Method, with Demonstrations," by J. W. Baird.

"A Preliminary Report of an Introspective Study of the Process of Comparing," by Samuel W. Fernberger.

"An Experimental Investigation of the Process of Recognizing at Different Stages of its Mechanism," by Elizabeth L. Woods.

"An Experimental Study of Generalizing, Abstraction and the General Concept," by S. Carolyn Fisher.

"Determination of the Psychologically Unitary Color Sensations," by Christine Ladd-Franklin.

"External Localization in Memorizing Verbal Material," by Eleanor A. McC. Gamble.

"Affective Factors of Recall," by Garry C. Myers.

"An Experiment on Choice Reaction," by Prentice Reeves.

"The Function and Test of Definition and Method in Psychology," address of the retiring Vice-president of Section H, by Walter Bowers Pillsbury.

"Report of the Committee on the Academic Status of Psychology," by Howard C. Warren.

R. M. OGDEN,
Secretary

THE ILLINOIS ACADEMY OF SCIENCE

THE eighth annual meeting of the Illinois Academy of Science was held at the State Museum, Springfield, February 19 and 20. The Friday afternoon program consisted of four addresses: "The Chemistry of Colloids," Dr. D. A. MacInnes, University of Illinois; "Colloids in Physiology," Dr. William Crocker, University of Chicago; "Colloids in Commerce" (read by title), Dr. L. I. Shaw, Northwestern University; "Recent Developments in Surgery," Dr. Don W. Deal, Springfield.

In the evening the members of the academy were the guests of the Springfield Commercial Association at a banquet served at the Leland Hotel. Ex-Governor Northcott acted as toastmaster, and short addresses were made by Senator Kelly and Professor John M. Coulter.

The evening lecture was delivered by Dr. Day, director of the Carnegie Geophysical Laboratory, Washington, D. C., on "Volcanic Emanations."

The Saturday morning program included the following papers:

Section of Botany, Bacteriology and Chemistry

"Character of Water Used on Railway Trains," by Dr. Edward Bartow, University of Illinois.

"Comparison of Rocky Mountain Grassland with the Prairie of Illinois," by Dr. George D. Fuller.

"Studies in *Phyllosticta* and *Cercospora*," by Miss Esther Young.

"The Arsenic Content of Filter Alum Used in Illinois Water Purification Plants," by Mr. A. N. Bennett.

"Method of Determining the Life Duration of Seeds," by Mr. James F. Groves.

"Studies on *Schizophyllum alneum* in Respect to Cultures and Inoculations," by Mr. Alvah Peterson, University of Illinois.

"The Longevity of *B. Coli* and *B. Typhosus* in Water," by Mr. M. E. Hinds.

"Peculiar Examples of Plant Distribution," by Dr. H. S. Pepoon.

"Manganese in Illinois Water Supplies," by Mr. H. P. Corson.

"Some Features in the Classification of *Sep-toria* and *Parodiella*," by Mr. Philip Garman.

"Comparison of Methods of Determining Dissolved Oxygen in Water and Sewage," by Mr. F. W. Mohlman.

"The Grasses of Illinois," by Miss Edna Mosher.

"A Florida Smut in Illinois," by Miss Margaret Mehlkof.

"The Violets of Illinois," by Mr. Rufus Crane. *Section of Zoology, Entomology and Geology*

"What California is Doing in the Control of Injurious Insects," by Miss Gertrude A. Bacon.

"The Labium of the Nymphs of Zygoptera," by Mr. Philip Garman.

"The Comparative Morphology of Some Carabid Larvæ," by Mr. Clyde C. Hamilton.

"The Loess in Illinois: Its Age and Origin," by Dr. T. E. Savage.

"Recent Crustal Movements in the Great Lakes Region," by Professor Charles E. Decker.

"A Restudy of Worthen's Type Section of the 'Productive Coal Measures' for Central and Western Illinois," by Dr. T. E. Savage.

"The Prothonotary Warbler," by Dr. W. S. Strode.

"Some Adaptations for Respiration in Aquatic Hemiptera," by Miss Anna G. Newell.

"Mouth Parts of the Blow-fly," by Mr. Alvah Peterson.

"Collecting Snail Shells," by Mr. James H. Ferris.

"The Morphology of Certain Sphinx Pupæ," by Miss Edna Mosher.

On Saturday afternoon addresses were delivered by Ex-Governor Northcott, and the retiring president, Dr. A. R. Crook, on "The Relation of Academies of Science to the State."

The officers elected for the coming year are:

President—Dr. U. S. Grant, Northwestern University, Evanston.

Vice-president—Dr. E. W. Washburn, University of Illinois, Urbana.

Secretary—Dr. A. R. Crook, State Museum, Springfield.

Treasurer—Dr. H. S. Pepoon, Lake View High School, Chicago.

The 1916 meeting will be held at the University of Illinois.

E. N. TRANSEAU,

Secretary

SOCIETIES AND ACADEMIES

THE BOTANICAL SOCIETY OF WASHINGTON

THE one hundred and second regular meeting of the Botanical Society of Washington was held in the Assembly Hall of the Cosmos Club at 8 P.M., on Tuesday, February 2, 1915. Fifty-two members and six guests were present. Dr. P. A. Yoder and Messrs. Stephen Anthony and James M. Shull were elected to membership. The following scientific program was presented:

Bamboo Possibilities in America: MR. S. C. STUNTZ.

After a brief introductory statement outlining the past history of bamboo introduction into the United States, and sketching the present condition of bamboo planting in this country, attention was directed to the possible future uses for bamboo. Furniture, basketry, especially for parcel post shipments, Venetian blinds and barrel hoops were suggested as probable industries in which bamboo would find use, while the development for ornamental planting and as a possible stock for paper was especially emphasized. Lantern slides of bamboo plantations and uses abroad and in the United States were shown, together with a considerable exhibit of manufactured bamboo articles.

Botany of Cacao and Patashte: MR. O. F. COOK.

The patashte tree is a relative of the cacao, known to botanists under the name *Theobroma bicolor* Humboldt and Bonpland. It has dimorphic branches like cacao, the lateral branches being formed in whorls at the ends of the upright shoots, but only 3 laterals in a whorl, instead of 5 or 6, as in cacao. Many other differences in leaves, inflorescences and flowers were shown. The inflorescences of patashte are confined to new growth at the ends of the lateral branches, while cacao is caulocarpous, with all of the flowers produced from the old wood on the trunk and larger limbs of the tree. The various features were explained with lantern-slide illustrations, and the paper was followed by a brief discussion of the question whether trees with such numerous and definite differences should be classified in the same genus.

Rediscovery of Lignum nephriticum: MR. W. E. SAFFORD.

Lignum nephriticum is a remarkable Mexican wood which was celebrated throughout Europe in the sixteenth, seventeenth and the early part of the eighteenth centuries, not only for its reputed