

Method for Mounting dry Coccidæ for Permanent Preservation.'

J. L. PHILLIPS, Blacksburg, Va.: 'Notes on *Melanoplus femoratus*.'

A. L. QUAINANCE, College Park, Md.: (1) 'Further Notes on the Lime, Sulfur and Salt Wash in Maryland'; (2) 'Entomological Notes from Maryland.'

F. WM. RANE, Durham, N. H.: 'Plant Environment and Insect Depredation.'

C. B. SIMPSON, Washington, D. C.: 'Observations on the Life History of the Codling Moth.'

J. B. SMITH, New Brunswick, N. J.: (1) 'Distribution of Broods of the Periodical Cicada in New Jersey'; (2) 'Notes on Experiments with Mosquito Larvicides'; (3) 'Notes on *Culex sollicitans*, its Habits and Distribution.'

T. B. SYMONS, College Park, Md.: 'On the Position of the Setæ of the San José Scale in the Tissues of Infested Plants.'

F. L. WASHBURN, St. Anthony Park, Minn.: (1) 'Distribution of the Chinch Bug in Minnesota'; (2) 'A Criticism Upon Certain Codling Moth Investigations.'

F. M. WEBSTER, Urbana, Ill.: 'A Partial Insect Fauna of *Elymus Canadensis*.'

CLARENCE M. WEED, Durham, N. H.: 'Notes from New Hampshire.'

The following officers were elected for the ensuing year:

President—Professor M. V. Slingerland, Ithaca, N. Y.

Vice-President—Professor C. M. Weed, Durham, N. H.

Second Vice-President—Dr. Henry Skinner, Philadelphia, Pa.

Secretary and Treasurer—Professor A. F. Burgess, Columbus, Ohio.

A. L. QUAINANCE,
Secretary.

THE BOTANICAL SOCIETY OF AMERICA.

THE Botanical Society of America held its ninth annual meeting at Washington, D. C., December 30, 1902, to January 1, 1903, under the presidency of Dr. B. T. Galloway.

The address of the past president, Dr. J. C. Arthur, 'Problems in the Study of the Plant Rusts,' was given in the medical building, Columbian University, December 31, 1902. This address has been printed

in the *Bulletin of the Torrey Botanical Club* for January, and reprinted as publication 22 of the society. The program of scientific papers was presented on December 31, 1902, and January 1, 1903.

L. M. UNDERWOOD and M. A. HOWE: 'The Distribution of the Genus *Riella*, with Descriptions of New Species from North America and the Canary Islands.'

F. S. EARLE: 'Types of the Linnæan Genera of Fungi.'

L. R. JONES: 'Pressure and Flow of Sap in the Sugar Maple.'

B. M. DUGGAR: 'The Nutrition of Certain Edible Basidiomycetes.' (Illustrated.)

H. DE VRIES: 'Atavistic Variations in *Onagra cruciata* (Nutt.) Small.' (By invitation.)

J. M. COULTER and C. J. CHAMBERLAIN: 'The Embryo of *Zania*.'

K. GOEBEL: 'Regeneration in Plants.' (By invitation.)

W. A. KELLERMAN: 'Uredinous Infection: Suggestions and Experiments.'

F. M. ANDREWS: 'Contribution to the Physiology of the Cell.' (By invitation.)

W. A. MURRILL: 'North American Species of the Genus *Mison*.' (By invitation.)

W. A. MURRILL: 'The Genera of Polyporaceæ.' (By invitation.)

J. C. ARTHUR: 'Cultures of Uredinæ in 1902.'

F. E. CLEMENTS: 'Herbaria Illustrating Plant-formations.'

H. C. COWLES: 'The Relative Importance of Edaphic and Climatic Factors in Determining the Vegetation of Mountains, with Especial Reference to Mt. Katahdin.' (Illustrated.)

H. C. COWLES: 'Two Distinct Types of Rivers from the Point of View of Physiographic Ecology.'

D. M. MOTTIER: '*Podophyllum peltatum* as an Anomalous Dicotyledonous Plant.'

C. MACMILLAN: 'The Fenestration of *Martenisia*.'

D. S. JOHNSON: 'The Development of the Embryo-sac in the Genera of the Saururaceæ.'

A. D. SELBY: 'The Etiolation of Seedlings of *Persea gratissima*.'

ARTHUR HOLLICK: 'A Fossil Petal of *Magnolia* from the Dakota Group of Kansas.'

W. J. GIES: 'Alkaverdin, a Hitherto Unknown Pigment Found in Leaves of *Sarracenia purpurea*.' (By invitation.)

W. J. GIES: 'The Digestive Action Ensuing in the Pitchers of *Sarracenia purpurea*.' (By invitation.)

H. N. WHITFORD: 'Some Studies in Forest Ecology in Northwestern Montana.' (By invitation.)

W. A. CANNON: 'The Cytological Basis of the Mendelian Theory of Hybrids.' (By invitation.)

H. M. RICHARDS: 'The Effect of Wounds on Turgidity.'

R. H. TRUE and W. J. GIES: 'The Physiological Action of Heavy Metals in Mixed Solutions.'

W. J. BEAL: 'What is a Bud and How Long May it Survive?'

F. E. CLEMENTS: 'The Limits of Ecology.'

G. F. ATKINSON: 'The Life-history of *Hypocrea alutacea*.'

B. M. DAVIS: 'The Origin of the Archegonium.'

E. C. JEFFREY: 'Studies on the Cyperaceæ.'

F. S. EARLE: 'Systematic Relations of the Genera of the Agaricaceæ.'

A. M. VAIL: 'A New Species of *Vincetoxicum* from Alabama.' (By invitation.)

A. M. VAIL: 'Notes on the Genus *Rouliniella*.' (By invitation.)

D. T. MACDOUGAL: 'Growth as Affected by Light and Darkness.'

D. T. MACDOUGAL: 'Effect of Etiolation on the Cortex and Periderm of Trees.'

D. T. MACDOUGAL and W. A. CANNON: 'Aerial Propagative Roots of *Globba*.'

B. C. GRUENBERG and W. J. GIES: 'Chemical Studies of Trade Varieties of Logwood.' (By invitation.)

N. L. BRITTON: 'Recent Botanical Explorations in Bolivia.'

A. S. HITCHCOCK: 'Type Specimens of North American Species of *Agrostis*.'

The following associates were elected members: Dr. Charles Joseph Chamberlain, University of Chicago, Chicago, Ill.; Dr. Alexander William Evans, Yale University, New Haven, Conn.; Dr. Duncan Starr Johnson, Johns Hopkins University, Baltimore, Md.

The society now consists of 39 members, 16 associates and 1 patron.

The treasurer's report showed the total assets of the society to be \$3,240, and grants were made as below:

To Dr. Arthur Hollick, \$150, to be used in the prosecution of a study of the fossil flora of the Atlantic coastal plain.

To Dr. J. C. Arthur, \$90, to be used in

defraying expenses extending his researches upon the plant rusts.

To Dr. D. S. Johnson, \$200, to enable him to extend the study of the endosperm and seed in the Piperaceæ and Chloranthaceæ, by means of material to be collected in Central America and the West Indies.

The officers for the ensuing year are:

President—Charles Reid Barnes, University of Chicago, Chicago, Ill.

Vice-President—Joseph Nelson Rose, U. S. National Museum, Washington, D. C.

Treasurer—Arthur Hollick, New York Botanical Garden, New York City.

Secretary—Daniel Trembly MacDougal, New York Botanical Garden, New York City.

Councilors—William Trelease, Missouri Botanical Garden, and Benjamin Lincoln Robinson, Gray Herbarium, Harvard University, Cambridge, Mass.

The above officers, with past president B. T. Galloway, constitute the Council of the Society.

Arthur Hollick and H. M. Richards were chosen to represent the society in the council of the American Association for the Advancement of Science.

This meeting was a most notable one in the history of the society, in the matter of attendance of the members, the number and character of papers presented and in the showing of the general financial strength of the organization. The award of grants as above, constituted the first series given under the newly declared policy of the society.

D. T. MACDOUGAL,
Secretary.

THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

ELECTION OF FELLOWS.

The following members were elected fellows at the sessions of the Council on December 31, 1902, and January 1, 1903:

Adams, C. C.

Adler, Isaac P., Physician.