

vascular Juices of Plants,' by Erwin F. Smith.

'Continuation of Experiments upon the Relation between the fertile and sterile Lerves of *Onoclea*,' by George F. Atkinson.

'A Hybrid between an Egg Plant and Tomato Plant,' by P. H. Rolfs.

'A Method of using Formalin Gelatine as a Mounting Medium,' by A. F. Woods.

The committee appointed to nominate officers submitted the following names and they were unanimously elected:

*President*, Frederick V. Coville, Washington, D. C.

*Vice-President*, Conway McMillan, Minneapolis, Minn.

*Secretary and Treasurer*, J. F. Cowell, Buffalo, N. Y.

The Secretary was requested to append to the minutes for future reference a list of persons who have been officers of the Club since its formation.

The Club then adjourned to meet as usual during the meeting of the Association in 1896.

Fifty-three botanists were registered during the different sessions.

H. L. BOLLEY,

*Secretary pro tem.*

#### THE BOTANICAL SOCIETY OF AMERICA.

THE first annual meeting of the Botanical Society of America was held in Springfield, Mass., August 27 and 28, 1895. The Council, having all members present, met in the afternoon of the 27th. The consideration of names proposed for membership, the canvassing of ballots cast for officers and transaction of other business engrossed the attention of the Council for an hour and a half.

The Society was then called to order by the President, Wm. Trelease, of St. Louis. The first day's session and a portion of those of the second day were devoted to business.

Four new members were elected: Mr. M.

S. Bebb, of Rockford, Ill.; Prof. W. R. Dudley, of Leland Stanford University; Prof. D. P. Penhallow, of McGill University, and Dr. W. A. Setchell, of Yale University.

The following officers were elected for 1896: President, Prof. C. E. Bessey, of the University of Nebraska; Vice-President, Prof. W. P. Wilson, of the University of Pennsylvania; Treasurer, Prof. Arthur Hollick, of Columbia College; Secretary, Prof. Charles R. Barnes, of the University of Wisconsin. Councillors, Dr. B. L. Robinson, of Harvard University, and Prof. G. F. Atkinson, of Cornell University.

Dr. A. W. Chapman, of Apalachicola, Fla., was elected unanimously an honorary member of the Society. Dr. Chapman, the well-known author of a 'Flora of the Southern United States,' is the first honorary member to be elected. His advanced age, precluding active membership, and his pioneer services in making known the vegetation of the Southern States, were felt to be sufficient warrant for this action.

Contributions of books having already been received by the Society, it was ordered that such be deposited in the library of the Missouri Botanical Garden, subject to the order of the Council, and the Secretary be directed to report to the Society the annual additions.

The Treasurer's report showed a cash balance of \$354.

The following resolution was presented by Prof. L. H. Bailey at a session subsequent to the reading of Dr. Britton's paper on 'The New York Botanical Garden,' and was unanimously adopted:

*Resolved*, That the Botanical Society of America express its thanks to Dr. N. L. Britton for his account of the condition and progress of the movement for a botanical garden in the city of New York, and congratulate the people of that city on the prospect of its rapid development; and, furthermore, that the Society commend the

Board of Managers of the garden and its Board of Scientific Directors for their wisdom in securing a broad foundation and an assurance of liberal management.

The following papers were read before the Society:

Some notes on a revision of the genus *Mnium*, illustrated with specimens and photographs of types: ELIZABETH G. BRITTON.

The New York Botanical Garden: N. L. BRITTON.

A contribution to a knowledge of North American phycophilous fungi: GEO F. ATKINSON.

The genus *Liriodendropsis*: ARTHUR HOLICK.

The Laboulbeniaceæ: ROLAND THAXTER.

Notes on aquatic fungi: ROLAND THAXTER.

A synopsis of North American rushes: FREDERICK V. COVILLE.

Summary of a revision of the genus *Dicranum*: CHARLES R. BARNES and RODNEY H. TRUE.

Corrections in the description of *Coscino-don Rauei* and *O. Renauldi*, and a comparison of these species: ELIZABETH G. BRITTON

CHARLES R. BARNES.

UNIVERSITY OF WISCONSIN.

#### SCIENTIFIC NOTES AND NEWS.

##### A NEW JURASSIC PLESIOSAUR FROM WYOMING.

THE writer has recently been fortunate in finding in the Bapstanodon Beds of the Upper Jurassic of Wyoming the remains of a large Plesiosaur, the first of the group from the Jurassic found in America. The horizon is below that of the large Dinosaurs. The precise generic location of the specimen is at present difficult, until more of the specimen has been detached from the hard matrix. It is, therefore, placed provisionally in the genus *Cimoliosaurus*, to which the ascertained characters seem to refer it. The species may be known as *C. rex*.

A centrum of a dorsal vertebra measures

108 mm. in length by 130 mm. in transverse diameter. An anterior cervical centrum is deeply cupped on one end and nearly flat on the other, and measures 65 mm. in length by 80 mm. in width. The arch is united by suture, and the ribs have a single attachment. The femur is about 1200 mm. in length (a portion of the shaft is missing), 375 mm. in width at the distal end, and 300 mm. at the head. A basal phalange is 105 mm. in length, 65 mm. in width at either end and 37 mm. through the shaft.

A full description of the remains found will be shortly given by Professor Williston and the writer. W. C. KNIGHT.

##### THE EARLIEST NAME FOR STELLER'S SEA COW AND DUGONG.

IN 1811, Illiger published a number of new genera,\* proposing among others, *Rytina* for the sea cow of Bering Island and *Halicore* for the dugong of the Indian Ocean. Nearly all recent writers on mammals have adopted these genera, apparently overlooking the fact that both animals had been named before 1811. As early as 1794 Retzius described the sea cow in the 'Handlingar' of the Stockholm Academy of Science, placing it in a new genus which he called *Hydrodamalis*,† and the species, based on the *Vacca marina* of Steller, *Hydrodamalis stelleri*. The generic description is sufficient to identify the animal even if the species and the vernacular name used by Steller had not been given. As *Hydrodamalis* has 17 years priority over *Rytina* it should be adopted as the generic name of the northern sea cow. The earliest specific name is that given by Zimmermann in 1780, and the species should stand *Hydrodamalis gigas* (Zimm.). The abandonment of *Rytina* necessitates a change in the name of the family (*Rytinidae*), which

\* *Prodromus Syst. Mamm. et Avium*.

† Kongl. Vetensk. Acad. nya Handlingar, Stockholm, XV., Oct.-Dec., 1794, p. 292.