

MEETING OF THE BIOLOGICAL CLUB.

ORTON HALL, October, 7 1912.

The meeting was called to order by President Barrows. The secretary being absent Professor Schaffner was appointed secretary pro tem. No minutes of the previous meeting being at hand, this order was omitted.

The papers of the evening consisted of reports of the past summer's work and observations.

Prof. F. L. Landacre gave a report of neurological work done at the University of Chicago. The type studied was *Rana vipiens*.

Prof. J. H. Schaffner gave some observations on various forms of *Amaranthus retroflexus*. A number of striking leaf-patterns were found in Ohio and Kansas. Seeds were collected and will be planted in order to determine the status of these forms. He also spoke of the nature and distribution of trees in the prairie regions of Kansas.

Prof. C. H. Goetz spent some time in Northeastern Nebraska and in Florida. In Nebraska the bluffs and hills facing the northeast are wooded while those facing the opposite direction are without trees. In Florida, forest conditions are not very favorable. Eucalyptus trees do not grow well and the soil seems unsuitable in many places for vigorous tree growth.

Prof. A. Dachnowski studied the question of absorption and wilting point of plants and also the relation of root systems to each other and to the substratum in order to determine the amount of antagonism or correlation present. The latter observations were made on plants at Buckeye Lake. He regarded the mutual relation as being a physical rather than a chemical or biological one.

Prof. W. M. Barrows reported on making an accurate map of Cedar Point. The topographic maps were found to be incorrect in some particulars.

After the president was given authority to appoint a committee to nominate officers, the society adjourned.

JOHN H. SCHAFFNER, *Secretary pro tem.*

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