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**Meeting of the Biological Club.**

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ORTON HALL, October 6, 1913.

The first meeting of the year was called to order by the President, Mr. Stover, at 7:45 P. M.

In the absence of the Secretary, Blanche McAvoy was appointed Secretary pro tem. Reports of summer work were given.

Prof. Osborn spent the first part of the summer at Lake Lab. and the latter part collecting leaf hoppers in the State of Maine for economic purposes. He collected 125 new species for the State of Maine and extended the range for 30 species. Prof. Lazenby spoke of the effect of light on certain introduced species of trees, the Norway maple for instance. He also spoke of the scarcity of flies during the summer, due to the precautions used in the different neighborhoods.

Prof. Schaffner told of his observations at Cedar Point. Weeds and introduced species are more plentiful than they were a few years ago. Prof. Schaffner found many ecological variations of the sand bar willow, *Salix interior*. His state catalogue of vascular plants has been finished. There are 2,065 species of

which about 500 are introduced. Prof. Hine talked of the relation that ants bore to plant lice injury. He spoke of the work that Forbes, of Illinois, has done with corn root aphids.

Prof. Griggs spent his summer in Alaskan waters in a fifty-six foot boat. There were three scientists in the party besides the crew. They traveled by day. From Seattle to Cook's Inlet is entirely forested. Cook's Inlet is a meeting place for all kinds of plants. The expedition collected kelps for the government.

Mr. Sim found several specimens of *Lycopodium obscurum* in which there were leaves above the cones. Mr. Kostir found the box-elder bug in Sandusky County on August 28, 1913. This is its first appearance in the state. In September they were reported on the campus. Their means of distribution is unknown. Miss Detmers observed the succession of plant associations in the northern peninsula of Michigan, making St. Ignace her headquarters. The region is limestone and has many little lakes and bogs. Sphagnum grows in pools with chara contrary to its usual habit. Mr. Brown reported his work with the trees of Michigan. He was mapping, photographing and working up the ecology of Wayne County. He found two new species for the state. Mr. Stover told of his work with the leaf mold of tomato which he did at Wisconsin.

The Committee recommended Prof. Schaffner for editor and Prof. Hine for business manager of the *Naturalist* for the present year. A vote of thanks was given these two men for the efficient way in which they have run the paper during the past.

The appointment of a Committee to nominate officers was left to the President. The meeting then adjourned.

BLANCHE McAVOY,  
Secretary pro tem.