

MEETING OF THE BIOLOGICAL CLUB.

The Biological Club met in Zoological lecture room December 3, 1900. Prof. Herbert Osborn presided, twenty-six members present. The following papers were presented:

"Notes on the Saw Brier, and a *Rhamnus* new to Ohio."

"The Waverly Series of Ohio."

In the first paper Prof. Kellerman spoke of the distribution of the Saw-Brier, *Smilax glauca*, in the southern part of the State, and exhibited specimens showing its striking variations in form of leaves.

The southern buckthorne, *Rhamnus caroliniana*, was observed commonly in Adams County. It also occurs in Brown County. This is the first record for this species in Ohio. Specimens in fruit were exhibited.

A hackberry was found unlike any form hitherto reported from Ohio. Specimens are in the hands of Rev. E. J. Hill for study and determination.

Prof. Ball reported leaf variation as occurring commonly in Colorado, and that various leaf forms could be observed in climbing a single hill.

Prof. Prosser, in the second paper, reviewed the literature that has been published on the Waverly Series of Ohio, and as a summing up gave a list of names with authorities to be used in future in speaking of the formations of this series. These are as follows:

Beginning above the Huron Shale. 1. Bedford Shale (Newb.) 85 feet. 2. Berea Grit (Newb.) 40 feet. 3. Sunbury Shale (Hicks) 10-15 feet. 4. Cuyahoga Shale (Newb.) 275-300 feet. 5. Black Hand Conglomerate (Hicks) 40-100 feet. 6. Logan Sandstone (Andrews) 115 feet.

Under the head of personal observations, Prof. Schaffner gave a list of trees and shrubs which he and F. J. Tyler had found cutting off (self-pruning) their own branches.

Prof. Kellerman remarked upon the abundance of the red-seeded dandelion in various parts of the state.

Walter Metz, J. A. Beer, H. A. Clark, Charles I. Meade, Miss Elizabeth Sessions, Miss L. D. Wilson, W. P. Simpson, Mrs. J. H. Schaffner, B. B. Wells, Mrs. E. D. Ball, J. N. Frank, A. G. McCall, Miss Carrie R. Weick, A. C. Whitmore, Miss Caroline Meade and Miss Maud Flynn were elected to membership.

Professors Prosser, Landacre and Mr. Griggs were appointed a committee to locate board and lodging for members of the Ohio Academy of Science. Adjourned. JAS. S. HINE, Secretary.