
MEETINGS OF THE BIOLOGICAL CLUB.

ORTON HALL, Nov. 7th, 1910.

The meeting was called to order by the President, Mr. W. C. Morse. The minutes of the preceding meeting were read and approved. Prof. J. C. Hambleton read the report of the Committee on Nominations of Officers for the ensuing year, which was as follows: Dr. A. Dachnowski for President, Mr. Clell L. Metcalf for Vice-President, B. W. Wells for Secretary-Treasurer. On motion by Prof. Landacre these persons were unanimously elected. Mr. W. J. Koster was elected a member of the Society.

After the short business session, Prof. Hambleton introduced Mr. Morse the retiring President, who gave an illustrated address on the Maxville limestone. The paper treated of the stratigraphy, correlation, economic geology, and paleontology of this

formation. Especial emphasis was placed on the distribution of the stratum, for this formation only appears in isolated areas. These isolated areas were formerly supposed to be the result of original deposition in separate basins, but the speaker was able to show that the isolation is due to the fact that the Maxville was originally a continuous deposit, which after being raised to a land surface was swept away in most places; the scattered remnants later being submerged to receive the Pottsville.

In the northern part of the area of exposures it was shown that the formation consisted of a massive lower half separated from a medium bedded upper half by a nodular shale zone.

The researches of the speaker resulted in increasing the fauna by 50% and the new forms clearly show the Maxville to have as its closest equivalent the Spergen Hill (Salem formation) fauna of Indiana. It was stated further that Ulrich has shown this Spergen Hill fauna to recur in the Ste. Genevieve and Tribune limestones and hence it is difficult to say with which of these the Maxville is equivalent. In the opinion of the speaker, after considering all available evidence, the nearest equivalent would be the upper member (Ohara) of the Ste. Genevieve limestone.

The society adjourned immediately after the address.

BERTRAM W. WELLS, *Secretary.*

ORTON HALL, December 5th, 1910.

The meeting was called to order by the President, Dr. Dachnowski. The minutes of the previous meeting were read and approved. The President then introduced Dr. Joseph A. Leighton who gave an interesting and stimulating address on "Some Contributions of Biology to Philosophy." Prof. Leighton pointed out the indebtedness of philosophy to biology showing in a number of instances how biological conceptions have invaded and modified philosophical thought. Succeeding the address an interesting discussion was engaged in by the faculty members present.

The latter part of the evening was taken up by reports of the Ohio Academy of Science meeting held at Akron during the Thanksgiving recess. Profs. Landacre, Osborn and Schaffner gave accounts of the papers presented and the work of the academy.

A short business meeting ensued. Mr. W. G. Stover, Mr. C. H. Goetz, Miss Rose Gormly and Miss Mary B. Linnell were elected to membership. The society then adjourned.

BERTRAM W. WELLS, *Secretary.*