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THE OHIO MINING JOURNAL.

FEBRUARY 15, 1884.

PROCEEDINGS OF THE OHIO INSTITUTE OF MINING ENGINEERS.

ANNUAL MEETING, AT COLUMBUS, JANUARY, 1884.

WEDNESDAY, JANUARY 9.

The fourth annual meeting of the Ohio Institute of Mining Engineers was held in the office of the Inspector of Mines, on the 9th and 10th inst. Despite the two days' storm preceding the meeting, there was a large attendance of members and visitors. The sessions were unusually interesting and profitable.

The Institute convened on Wednesday evening, at 7 o'clock, President Andrew Roy in the chair. The following order of business was observed:

1. Opening Remarks by the President.
2. Roll Call.
3. Report of Secretary and Treasurer.
4. Reading and Discussion of Papers.
5. Election of new members.
6. Election of officers for 1884.
7. Recess till Thursday.
8. Reading and Discussion of Papers.
9. Miscellaneous Business.
10. Adjournment.

The minutes of the meeting held in Youngstown, May 11th and 12th, were read and adopted.

The Treasurer's Report was adopted.

The "Lower Limestone Group Coal Series of Northeastern Ohio." a paper by Col. Charles Whittlesey, the veteran geologist, was read.

The President stated that owing to the advanced age of Col. Whittlesey he had never been present at any of the meetings of the Institute. He was now bordering on eighty years of age—ten years more than the three score and ten of the Scriptures—but his mind was still clear, and he took a deep interest in the proceedings of our Society. Col. Whittlesey had been engaged in the first geological survey of Ohio nearly fifty years ago, and had ever since been a keen student of Ohio geology. He could not, in the course of nature, be expected to remain many years longer with us. His papers, therefore, no less by his practical intelligence as a geologist than by the advanced age of the writer, were valued by the Institute. This paper on the linear measures of northeastern Ohio, the President added, was one of great interest, and he would request Prof. Orton, the State Geologist, to read it. Prof. Orton then read Col. Whittlesey's paper, and discussed some of its facts briefly.

The second paper read—"Metals and their Properties"—was prepared by Archibald McKillop, Mining Engineer for the Ohio Central Coal Company. Owing to professional engagements, Mr. McKillop was not present, and W. M. Day, Esq., editor of the *Iron Trade Review*, of Cleveland, was requested to read it. After the reading of this paper, remarks were made by Prof. Orton, Andrew Roy, and Edward Orton, Jr.

The third paper, "On the Social Possibilities of the Miner," was read by J. G. Chamberlain, Mining Engineer of the Cherry Valley Iron Company. This paper attracted marked attention, and elicited considerable discussion—J. S. Doe, Prof. Orton and Andrew Roy giving their views at length on the matters discussed and the merits of the paper.

Mr. R. S. Weitzel, Mining Engineer, Logan, exhibited two maps of mines in the Hocking Valley, and explained the manner of mining in practice, and the necessity of periodical surveys of the mines being made and preserved.

Edward Orton, Jr., read a paper on the "Bedford Cannel Coal," containing the result of observations made in this coal field during a professional visit. The paper was discussed by J. G. Chamberlain, Prof. Orton, and others.

The following persons were elected to membership: E. McMillen, Supt. Columbus Gas Company; Rev. P. J. Buehl, of Massillon; W. D. Chapman, Mining Engineer, Columbus and Hocking Coal and Iron Company; J. A. Hanlon, Civil and Mining Engineer, Massillon; W. B. Hanlon, Civil and Mining Engineer, Bridgeport; Oliver H. Hoover, Civil and Mining Engineer, New Philadelphia; Hiram Cowell, Mining Operator, Zanesville; Michael Fox, Mining Engineer, New Straitsville.

The following officers were elected for the ensuing year:

President.....	ANDREW ROY.
Vice President.....	E. D. SHREEVE.
Secretary.....	EDWARD ORTON, Jr.
Treasurer.....	W. H. JENNINGS.

The Institute then took a recess, to meet Thursday forenoon, at 9 o'clock.

THURSDAY, JANUARY 10, 1884.

The Institute met in the office of the Inspector of Mines at 9 A. M., pursuant to adjournment, President Andrew Roy in the chair.

"A Glossary of Technical Mining Terms," for the use of mining engineers and mining operators in Ohio, prepared by Andrew Roy, was read and discussed by article.

Prof. Orton read a paper on "The Chemical Composition of Ohio Coals," which was discussed by J. G. Chamberlain, E. McMillen, Edward Orton, Jr., Andrew Roy, and others.

A paper, prepared by William Smurthwaite, Superintendent of Steubenville Coal and Mining Company, was read by Andrew Roy. Mr. Roy stated that this paper was prepared by a member who took a warm interest in the meetings of the Institute, but that owing to professional duty he had never been able to attend any of their meetings. He, however, more than made up by his pen for his enforced absence.

After the reading of the above papers, R. S. Paul moved as follows:

That the paper on the glossary of technical mining terms be printed, and the Secretary be instructed to mail a copy thereof to

each member of the Institute, with the request that he examine the same and make such suggestions pertinent thereto as he may think proper, and return the same to the Secretary before the next meeting of the Institute. Carried.

That the Secretary be instructed to procure a register in which members and visitors, at each subsequent meeting of the Institute, may register their names, residence, and occupation. Carried.

The committee on Constitution asked for an extension of time, not being ready to report. Granted.

Mr. R. S. Paul then moved:

That the Society procure a supply of blanks for application of membership to the Institute, and other necessary stationery.

Carried.

Prof. Orton invited the Institute to visit the State University in the afternoon, to listen to an address by Prof. Mendenhall on Standard Weights and Measures, which was accepted by many members.

An interchange of views was had as to the place for holding the next meeting of the Institute, and Cleveland seemed to find favor. Although outside of the coal fields of the State, the opportunity which a session in Cleveland would afford of visiting and examining the extensive coal and ore docks, the large model blast furnaces, and the many other manufacturing establishments for which the Forest City of Ohio has become famed, recommended itself strongly to every member present.

The President stated that he would call the next meeting the latter part of June, or forepart of July, for Cleveland.

The Institute expressed itself under many obligations to Wilson M. Day, Esq., editor of the *Iron Trade Review*, of Cleveland, who took copious notes of the discussions, and otherwise interested himself in the success of the session.

The Institute then adjourned to meet at the call of the President.