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EMBRACING THE PROCEEDINGS FOR THE YEAR 1894.

WHOLE NUMBER 23.

THE
Ohio Mining Journal.

Proceedings
OF THE
WINTER MEETING,
HELD AT
Columbus, Ohio, January 17-18-19, 1894.

COMPILED AND PUBLISHED BY
R. M. HASELTINE, *Secretary-Treasurer.*

OFFICIAL DIRECTORY

Of the Ohio Institute of Mining Engineers for

1894.

PRESIDENT,
PROF. N. W. LORD,

O. S. U., COLUMBUS, OHIO.

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CANAL DOVER, OHIO.

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R. M. HASELTINE,

COLUMBUS, OHIO.

EXECUTIVE COMMITTEE.

PROF. F. W. SPERR.

WILLIAM DALRYMPLE.

E. B. WILLARD.

WINTER MEETING, 1894.

PROGRAMME.

ARRANGED ACCORDING TO STANDARD TIME.

Wednesday, January 17th—7 P. M.

ADDRESS OF THE PRESIDENT, N. W. LORD, Columbus, Ohio.

REPORT OF SECRETARY AND TREASURER,

HON. R. M. HASELTINE, Columbus, Ohio.

PAPER—Some Notes on the Work of the United States Coast Survey, in South-east Alaska; illustrated by Stereoptican views.

PROF. HENRY C. LORD, O, S. U.

PAPER—What I Saw in the Connellsville Coke Region,

CAPT. J. L. MORRIS, Canal Dover, Ohio.

MISCELLANEOUS BUSINESS.

ELECTION OF OFFICERS.

Thursday, January 18th—9.30 A. M.

PAPER—By WILLIAM HIBBS, Akron, Ohio.

PAPER—The Mining and Ventilation of the Mononga Mines in Marion County, West Virginia.

THOS. MIDDLETON, MONONGA, W. Va.

PAPER—Experience with Mines which Generate Fire Damp in the Connellsville Coke Regions.

HON. FREDERICK C. KEIGHLEY, Uniontown, Pa.

PAPER—The Mine Foreman and his Duties,

WILLIAM HIBBS, Scio, Ohio:

PAPER—Compressed Air and the Economy in its use as a Power,

J. L. MITCHELL, Cape Breton, N. S.

ELECTION OF MEMBERS.

Thursday, January 18th—1.30 P. M.

PAPER—On Baker's Self-acting Tipple; illustrated by the aid of a Model,

HENRY N. MORRISON, Cleveland, Ohio.

PAPER—The Clays of Ohio and their Manufacture,

EDWARD ORTON, JR., Columbus, Ohio.

PAPER—The Recent Development of No. 2 Coal in Jackson County, O.,

J. A. EDE, Jackson, Ohio.

PAPER—The Grouping of the Coal Strata,

E. B. WILLARD, Hanging Rock, Ohio.

Discussion of Mr. Willard's paper by PROF. ORTON, State Geologist.

Thursday, January 18th—7 P. M.

PAPER—An Approximate Determination of the Coal Resources, based on the recent maps of the Geological Survey,

PROF. EDWARD ORTON, Columbus, Ohio.

PAPER—Co-efficient of Friction as Found from the Measurements in Leisenring Mine, No. 3.

PROF. F. W. SPERR, Columbus, Ohio.

PAPER—The Development and Equipment of the Congo Mine in Perry County, Ohio.

FRANK A. RAY, Congo, Ohio

Friday, January 18th.

EXCURSION TO CONGO IN PERRY COUNTY, OHIO.

Through the courtesy of H. D. Turney & Co., the members of the Institute will be given a free excursion to their mines where the new and improved machinery and equipment will be of the greatest interest to all engineers. The hour of leaving will be announced at the Thursday's session of the Institute.

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