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THE  
**Ohio Mining Journal.**

OFFICIAL ORGAN OF THE OHIO INSTITUTE  
OF MINING ENGINEERS.

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No. 26 Embraces the Proceedings for the Year 1897.

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PUBLISHED BY R. M. HASELTINE,

*Secretary and Treasurer.*

MRS. B. G. KALB,

*Stenographer.*

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1899.

# OFFICIAL DIRECTORY

Of the Ohio Institute of Mining Engineers for  
1897.

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The headquarters of the Institute are at Columbus, Ohio.

Two meetings are held annually.

The Winter Meeting is held at Columbus during the month of January.

The Summer Meeting is held in June.

The dates of both are determined by the Executive Committee.

# WINTER MEETING, 1897.

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## PROGRAMME

ARRANGED ACCORDING TO STANDARD TIME.

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### Wednesday, January 20, 7:00 P. M.

*Address of the President,* . . . . . PROF. F. A. RAY, Columbus, Ohio.

*Report of Secretary-Treasurer,* . . . R. M. HASELTINE, Columbus, Ohio.

*Paper—Compressed Air Locomotives,* . . . E. P. LORD, Pittsburgh, Pa.

*Paper—The Guyandott. West Va. Coal Fields,*  
HON. ANDREW ROY, Glen Roy, Ohio.

*Paper—Mine Fires and the Mode of Extinguishing them,*  
JOHN STOBS, Waukegan, Ill.

### Thursday, January 21, 9:30 A. M.

*Paper—Mine Maps,* . . . . . C. V. MARTIN, Zanesville, Ohio.

*Paper—Fan versus Furnace Ventilation,*  
WM. CLIFFORD, M. E., Grand View Ave., Pittsburgh, Pa.

*Paper—The Jumbo Auger,* . . . . . F. W. FOWLER, Blue Rapids, Kansas.

MISCELLANEOUS BUSINESS.

ELECTION OF OFFICERS.

ELECTION OF MEMBERS.

### Thursday, January 21, 1:30 P. M.

*Paper—Adaption of Multi-Phase Alternating Current System of  
Power Transmission to Mining Apparatus,* . . . . . C. R. THOMAS.

*Paper—A Tramp's Visit to Southwestern Colorado and North-  
western New Mexico with Durango as a Starting Point,*  
JACOB G. CHAMBERLAIN, Los Angeles, Cal.

*Paper—Wastage of Coal,*

W. H. JENNINGS, Chief Engr., H. V. & L. E. R. R., Columbus, Ohio.

*Paper—Notes on the Wastage of Coal,*

W. B. HANLON, Chief Engineer, C. L. & W. Ry., Cleveland, Ohio.

*Paper—Extravagant Mining,*

JAMES P. DAVIS, Mine Superintendent, Dell Roy, Ohio.

*Paper—The Wastage of Our Coal Fields,*

DR. EDWARD ORTON, Columbus, Ohio.

**Thursday, January 21, 7:00 P. M.**

*Paper—Snap Shots Taken In and About the Mines of England and  
South Wales,*

EDWIN D. HASELTINE, C. & M. Engr., Youngstown, O.

Mr. Haseltine spent several months during the past summer abroad, and the above paper will be illustrated by many interesting stereoptican views of objects of interest in the mines which he visited.

*Paper—Long Wall Advancing, Its Application to Mines in Ohio,*

EDWARD JONES, Ogelesby, Ill.

*Paper—The Certified Mine Boss,*

HON. FRED. C. KEIGHLEY, Uniontown, Pa.

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Owing to the uncertainty of the coal trade, arrangements for an excursion have not been fully completed, but the matter is under consideration, and it is hoped that when the session is over the officers will be able to give the members who are in attendance a one day's trip to some interesting portion of the coal fields of the state.

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