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## INSPECTION OF THE CONGO MINE.

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One of the most profitable and enjoyable events of the year was the visit of the Institute to the Congo Mine January 19th. For this excursion the Institute is indebted to H. D. Turney & Co. The party consisted of 180 persons including members of the Ohio Institute of Mining Engineers, Professors and students of the Ohio State University, ladies and friends. The town of about 200 houses, situated on two parallel ridges connected by a bridge, first claimed the attention of the party; then, after a bountiful lunch provided by the generosity of the company, the inspection of the mine was begun, the party being divided into three sections. The members had been prepared for what they were now to see by the paper of Mr. Frank A. Ray read the night before, from which the following facts, having reference to the mine, are taken :

The mine covers about 800 acres and is located about two miles from town. The vein is about thirteen feet high with nearly three feet of slate, refuse, etc., leaving ten feet of pure coal. It is strictly a machine mine, there never having been shipped a pound of picked coal from the vein. Water is supplied to the mine (and to the town as well) from a large reservoir on the hill, affording an ample supply for use in the mine and town and good fire protection, the pressure at the mine being 200 feet.

The visitors found the mine one of the best equipped in the State, having an output of 1500 tons of lump coal per day, the vein being the thickest in the state, and the coal so hard that the machines used had to be especially prepared for the heavy strain to which they are subjected. The tippie is regarded as a model and attracted much attention and favorable comment.

Prof. Orton, being called upon by President Lord to express the sentiments of the Institute after the inspection of the mine said: "When Ohio wanted a specimen of coal for the Philadelphia Centennial, she sent down to this town and sunk a shaft and took out a piece thirteen feet thick, which displayed our products then, and again last year she did the same thing and took out a piece fifteen feet and three inches thick from this mine, and we have seen for ourselves the place from where it was taken for the Chicago fair, at which Ohio made as fine a showing as any.

What pleases us most was to see this fine body of coal, the best known, worked with the modern tools and survey it for ourselves. We feel ourselves under great obligations for the entertainment.

Prof. Orton then offered the following resolutions which were adopted with enthusiasm as expressing cordial appreciation of the generosity and public spirit of those named, and the delightful character of the visit :

Whereas our visit to the Congo Mines has been exceptionally profitable and pleasant to the members of the Institute, it is hereby resolved.

1. That we cordially appreciate the generosity and public spirit of H. D. Turney & Co. in providing this excursion and in making such ample and acceptable arrangements for our comfort and convenience.

2. That we tender to Messrs. Ferguson, Guthrie, Ray, Conkle, Taylor, Nevine and Chilson, and to Mr. D. N. Osyor, of the Jeffrey Mnfg. Co., our hearty thanks for their zealous and untiring efforts to make our visit successful in all respects.

3. That we view with equal interest and admiration the great increase in efficiency and economy that the applications of science are bringing to the miner's art and that we put on record our great satisfaction in seeing so fine a body of coal and so complete and modern an equipment united in a single mine.

At this point of the programme, Captain J. L. Morris, Poet Laureate of the Institute furnished a fitting conclusion to the pleasures of the day by reading the following verses :

We started from Columbus at 7:35  
Over the C. S. & H. to Congo all alive.  
To see the Great Electric plant in Congo's town I say :  
The property of Turney and his friends, and there we spent the day.

The lunch was quite delicious to this I must admit,  
And Mr. Guthrie he was there to see there's nothing missed,  
And every one was in the room, enjoyed the glorious meal,  
While coming out they all proclaimed how happy they did feel.

To view the town and tipples, the tracks, the cars, the cove,  
After looking over those, we went down the hole,  
To see the wonders underground, in Congo's noted mine.  
It was a treat to every one while traveling all in line,

In our party we had men, of a scientific turn,  
Such as Hon. R. M. Haseltine, Prof. Orton and his son,  
Proff N. W. Lord and staff, and Ray the Engineer,  
Who showed us all around the works from the front unto the rear.

Prof. Spear he was there and others of his kind,  
Who is a fearless Teacher of an Electric turn of mind  
And all the Mine Inspectors were also in the crowd,  
Some of them were very nice, but others very loud.

Hon. Andrew Roy was there, whose locks are getting gray,  
But just as scientific and looking very gay.  
Mr. Marble came from Cleveland, and Hornsey from that town,  
Who had two wheels and axle, that will beat the world around.

F. C. Keighley he was there from Uniontown, Pa.,  
Who came to attend the Institute and spend a happy day.  
The paper that he read for us, was very fine indeed,  
He told us of the fire-damp and the ventilation that we need.

Mrs. Haseltine, Mrs. Lord and Mrs. Doe you see,  
And Mrs. Osyor she was there, with her daughter bright and free,  
And Mrs. Orton with the rest, was happy bright and gay,  
And I believe they all enjoyed a blythe and happy day.