

Chicago April 15/88-

Dear Sir William

Your favor of the 6<sup>th</sup> inst  
including the specimens of Ohio shale duly at  
hand. Of course I do not wish to in any possible  
way interfere with the claims or wishes of so  
good and valued a friend as Edward Dutton (or  
with any one) as every worker is entitled to the full  
results of his labor. I sent these specimens to you  
as Prof. D. has in several of his previous sendings  
requested or suggested. that if after I had looked them  
over I thought that they would be of interest to you. to  
send them to you. Nearly all the Bedford and other  
Ohio shales were sent in this way.

As you are aware the first *Sporangia* observed  
here was in the washing of the clay of the first  
Lake Tunnel - some 65 ft below the surface of the Lake -  
when that tunnel was being constructed in 1865-7 -  
by Dr. H. A. Johnson himself. The City is now building a third  
tunnel, which will start on the Lake shore about  $1\frac{1}{2}$  miles  
further south of No 1 & 2, and at a depth of some 90 ft extend  
4 miles from the shore under the bed of the Lake.

When the shore shaft had reached a depth  
of 60 or 65 ft a large deposit of "Quick Sand" broke into  
it, partly filling it up and doing considerable damage -  
Large quantities of this quick sand was pumped out  
of the shaft into the Lake, when a heavy black scum  
in places an inch or over thick and that could have  
been collected by the barrel & that the Engineer thought was  
"Petroleum" covered the water. But the Microscope shows  
this large mass to be almost pure *Sporangia* *Neumanii*.

I enclose a small packet just as it was collected  
from the water by Dr. H. A. Johnson & Dr. Andrews, President  
of our Academy of Sciences.

Very Dear Yours

W. W. Shuman



Thomas

Mills

Chicago April 12/88

Dear Sir

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the specimens of the fossils which you have been good enough to send me. I have been very much interested in the study of the fossils which you have been good enough to send me. I have been very much interested in the study of the fossils which you have been good enough to send me.

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Yours truly