

OHIO GEOLOGICAL SURVEY,

Columbus, O., August 7th 1882.

Dr. Dawson,

Dear Sir,

I find that I did my sample
of slate some injustice in the questions that I
appended to them.

The alga-like form, no. 1, is dif-
fused through and through the shale, becoming easily
recognizable on weathered surfaces only. I find it
covering sporangia and the pits they occupy alike.

The brown stems - some of them, certainly bear
the sporangia, as specimens in my hands show. I
doubt whether you will be satisfied with from what
I sent you, but I shall hope to show you others
at the meeting of the Association that will leave
no doubt in your mind.

The branching threads of no. 1 now
seem to be one of the chief sources of the bituminous matter
of the shales.

With great respect -

Very truly yours,

Edward Orton.

OHIO GEOLOGICAL SURVEY.

Columbus, O., August 7th 1882.

Dear Sir,

I find that I did not send

of state some information in the questions that I

appended to them.

The alpha-like form, No. 1, is of

found through our study the shells becoming easily

recognizable on weathered surfaces only. I find it

covering sponges and the fact they occupy alike.

The brown stems - some of them, certainly bear

the sponges, as specimens in my hands show. I

doubt whether you will be satisfied with form what

I sent you, but I shall hope to show you others

at the meeting of the Association that will bear

no doubt in your mind.

The branching threads of No. 1 are

seen to be one of the chief sources of the botryoid nature

of the shells.

With great respect

Very truly yours,

Samuel D. Hildreth.

Order

Chas. H. Hildreth