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Ithaca, N. Y., Feb. 2<sup>d</sup>

1881

Dr. S. M. Dawson:

Dear Sir:

I have pushed a little box of fossil plants to send you, the most of them from a stratum lying between the Portage and Chemung formations just <sup>infer</sup> before the characteristic sandy shales and fossils of the Chemung gap appear. One specimen is from the Hamilton under the Tully limestone, and two or three only are doubtful as to exact horizon but probably from the same stratum as those scratched Vt., this being a station in which lycosporites is found in fine preservation.

The specimens marked 1 to 12, you may keep. The others are from my private collection and I thought they might be of interest for study. If so keep them as long as may please you but when you have finished with them please return at my expense - I send also

2 bit of the specimen is well.  
The granitic specimen, is a fine specimen  
with kernel which I hope may get  
you enjoy. One of my students found  
it, and had broken up the old before  
I saw it or that I was obliged to work  
it in detail piece and put it together.  
The structure is beautifully preserved.  
The specimens of lycopodium I have  
collected especially for study of structure  
It seems to me the arrangement are such  
as to favor the plant theory of its nature  
I would be glad to know the result  
of your own comparative consideration of the  
question.  
I have sent a fine fragment of  
wood, for study of structure. one  
of them marked 12 is from a large  
fragment 3 inches or so wide, and  
the structure when seen last preserved,  
is from the inner surface against a  
ponderosa core, showing the stem to have  
been hollow originally. and I have seen  
a fragment of *Pithecolobium* in  
the end of this volume on the specimen



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marked (12) is from a compact arenaceous sandstone stratum a hundred feet or so above the base of the Chemung Grp. (i.e. after the Portage grp.) at Ithaca.

The specimens marked 437 + 437<sup>a</sup> show the impression both sides of what appears at first sight like a wing of beetle, but I am indubitable as to what it is: may it be seed of plant?

209, I never have seen figured, and think it may be related to the graptolites. Are not the minute coiled shells on slab marked 428, + 429, Spirorbis?

I will be greatly obliged if you will label such specimens as you may be familiar with before returning them. I hope the specimens may reach you safely and be of some interest.

Respectfully yours,  
Henry S. Williams.

William  
Sep 87

Williams  
Sep 87  
Chas Jones  
Leaves



1  
List of fossils sent J. W. Dawson Montreal  
Feb 81 - From H. S. Williams Ithaca N.Y.

1, 2, 3, 5, 6, 7, 8, 8<sup>a</sup>, 9, 10. Fragment of  
Plant remains from fine shales between  
Characteristic Portage, and Chemung  
shales Ithaca N.Y. (station VI of H.S.W.)

4. Specimen from a little higher up  
in same shales, Ithaca (station XVI, H.S.W.)

11. *Lycopodites* from Boulder south of  
village of Ithaca N.Y. The rock like  
the Chemung rock, of the neighborhood  
The fossil showing the Chemung character  
of the species

12 - Fragment of fossil wood, showing  
annular structure, from the internal  
surface against the sand-core of the  
original specimen in Cab. of H.S.W. -  
from Ithaca, N.Y., 100 ft above clearly marked

Chemung fossils. Earl Hill, Ithaca  
(Station V. H.S.W.)  
Keep also 433a

216, 426, 208, 206, 427, 209, 434, 207 are  
from H.S.W. Station VI. Ithaca, N.Y. see  
above for definition

205, 432, 430, 433, 427, 428, 429 are from  
the same shales but the precise station  
in which they were found I am not  
certain, but it is safe to say all are  
from passage beds between Portage and  
Chemung gaps. -

431, from Montville, Cayuga Co., N.Y. in  
Hamilton shales under the tully limestone

437, 437a Fossil wing of *P. Beeth* or *P. fruit*  
from shale (arenaceous) 200 to 300 ft above  
base of Chemung group. Ithaca N.Y. (H.S.W. station  
IX)

The first part of the letter

is very interesting and

shows the progress of the

work in the various departments

of the institution

and the results of the

investigation into the

causes of the disease

and the measures taken

to prevent its recurrence

and the progress of the

work in the various

departments of the

institution

and the results of the

investigation into the