

L. quadrilaterum. Aub.


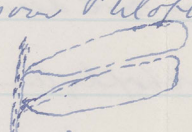


Manchester N. July 30. 79.

Principal J. W. Dawson M.D.  
McGill University, Montreal, Can.

My dear Sir;

I have just rec<sup>d</sup> your "Notes on Scottish  
Dev. Plants," for which accept many thanks. I have  
not seen it before. I find I have from the lower  
<sup>of this</sup> Waverly, a fragment closely corresponding to your Ptilo-  
lophyton Thompsoni. I did not know what to do  
with it & was holding <sup>it</sup> in waiting for additional light.  
I remember Pres. Mark Hopkins once said that a patient  
waiting was the best attribute, & tried for a week or after months.

But I think the group I wrote you off is probably  
different from your Ptilophyton. They pass from the  
 fine feathery form to the  
 large leafy form. Indeed it was M. H. Querry's first  
impression that they were all one species, but of this I have  
some doubt. They are however all together in the same  
+ all have the same markings on the leaf stalk  
concretion. I have several hundred of fragments & I have  
seen nothing circinate in a single leaf. I find in the concree-  
tion <sup>very</sup> small seeds with the tri-partite structure (D) of the seeds

of hypophylls, but the seeds may not have belonged to these plants although no other plants have been found with them. I have never seen specimens of the R. Vanuxemi nor of (from Mo. & not from Ohio as you Notley say), Chumant & T. gracili, but from the figures I should incline to the belief that <sup>they</sup> belong to my group rather than to your Psilophyton, if the P. Thompsoni is the type.

What Lesquerens will make of the matter I do not know as I have not seen him lately. I will call his attention to your Notley & to your new genus Psilophyton. It strikes me now that we have in Ohio your Psilophyton & at the same time another genus (roughly shown on opposite page)

The latter will include a species with minute leaves (200 feathery) but the generic character will be better read in the larger forms. I have not seen the specimens in which Lesquerens found his Trochophyllum (See Atlas) but he says they are very fragmentary & will more properly belong to my group & the term Trochophyllum will not now apply.

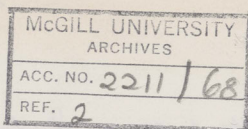
I have given Mr Lesquerens permission to make such use of my specimens as he sees fit - but it is possible that there may be further need of a little monograph on the subject with careful drawings. If so I will supply it.

In that case I shall want to exchange some specimens with you - at least I should like to see the your P. vanuxemi and P. plumula.

Thanks for your letter with courtesy. I am puzzled about the Lepidodendron Wiltheimianum. I have a specimen from the Jackson Coal (Ohio) which Lesquerens calls that species - but it is entirely unlike his figured form (see Atlas) & unlike Schimper's description.

Your remarks about the species is a sort of rebuff to me. Since the publication of the paper of mine on the Rushville plants in Vol II I have obtained distinct & beautiful impressions of the Lepidodendron Rushvillense, which show clearly that it is a new species & that so far as I know it. I have another fine new Lepidodendron from near the base of our C. Measury, of which I send a not very good engraving. Lesquerens agrees with me that it is new. It is a rectangular affair - with a curved line in it. It is striated (if that be a proper word) as in the engraving. Have you found anything just like it?

Andrews  
July 179  
Phytophyta



Please let me know about the volume  
you Ohio have - whether you have it,  
& also what I shall send you for in  
exchange for his valuable Report?

With many regards.

Very truly yours

E. P. Andrews