

181 AND CITY  
HILLS

Prof. J. W. Dawson  
Montreal Canada

Dear Sir:

Not until now have I had the time to thank you as I desired to do for your very kind letter explaining the characters of *Sigillaria* and for the fragment of *S. Loooyana* you sent me.

For some time I have been comparing forms of *S. terrellata* Brongt. with other species in preparation for another paper. And your figure and description of *S. Loooyana* seemed very similar to specimens in my collection. My collection is unfortunately now in Peru, and I have with me only a few drawings of which I send you tracings; except a little fragment which by accident came with me. This is represented in tracing 4. I am very glad to have this now as it shows with perfect

distinctness the vascular scars precisely like your Lowayana. The vascular scars were the features which troubled me most. I think I can prove the identity of the forms which I send you. Tracing 4 is from the cortex and the line between the leaf-scars is a sharp furrow. There is the faintest line separating the rows.

I do not confidently claim that your Lowayana is included in these forms or is probable tessellata. But I now think so, I have never seen any fruit-scars upon these forms. I have the greatest regard for your judgment. And I thought I would be frank and tell you what I am doing, and my ideas.

Before I found access to Schimper's work I expected to unite several forms with S. tessellata Brongt. but he had anticipated me, and so greatly that I deferred that matter.

I have just completed the manuscript

of a short paper on S. lepidodendrifolia Brongt.  
which I think identical with S. Burckii and  
several other forms. The fruit-seeds of these  
are similar to those of S. Looneyana, except  
they are elevated instead of being depressed.  
I hope to send you this paper in a couple  
weeks.

It would be a pleasure to me to have  
your opinion upon the figures which I send  
you. At your leisure.

Most respectfully  
A. L. Fairchild

6 E. 42 St. New York

March 30, 1878.

McGILL UNIVERSITY  
ARCHIVES  
ACC. NO. 2211/60  
REF. 47

Fairchild  
Apr 78

---