

16 Hart Street Bloomsbury St

July 31. 1843

My dear Sir

I write now on my way from France to Ireland through London, to tell you news on two points which may be useful. 1st as to *Stigmaria*. I have been & talked much with Adolphe Brogniart at Paris. He is more & more persuaded in opposition to many good botanists that the *Stigmaria* are roots, some of them of *Sigillaria*. To the objection that roots have no pith he replies that those of the *Zamia* have. To the objection that the points of insertion are too regular he showed me that the *Pandanus* & other roots have radicles radiating in all directions as regular & uniform though not spirally arranged as in *Stigmaria*. Look at the roots of all upright trees in Nova Scotia that you can observe.

Next, W Logan has visited on his way to Canada Anherst, Minudie, & the Joggins, & he writes me word that the section there is as I represented it, but in addition he found a *Producta Syellii* in the gypsiferous limestone far under all the Joggins coal, so that he now clearly gives up his first opinions drawn from a hasty view of the Windsor District. I should be glad when you have leisure to have comments on my paper.

ever most truly yrs
Chadwell

J W Dawson Esq
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