

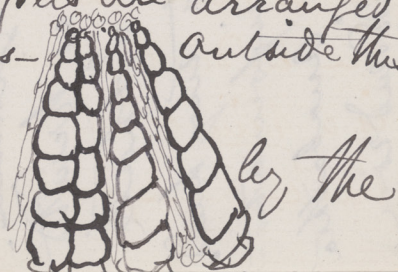
Fallowfield Sept. 11/71

My Dear Sir

Your last kind note has  
fructified. 1st Mr Grievie sent me  
specimens. I found your plant to be  
so like a Dictyozylon that I described it  
at Edinburgh as *D. Grievii*. I also visited  
Pettycur Bay & got other specimens. It  
is a remarkable plant. The medullary  
axis is made up of beautiful cellular  
tissue (in perfect specimens) through which  
are scattered bundles of large reticulated  
vessels between which the cellular  
tissue forms meandering  
lines as in some recent  
Lycopods - . But outside

this is a perfect exogenous layer  
in which the vessels are arranged  
in radiating lines. outside this

is a thin cellular  
bark-layer, enclosed



by the

Thicker <sup>than in vertical sections</sup> are in which are very  
dense bands. This is enclosed in  
another parenchymatous layer  
from which the bands are  
absent, and this, in turn, by  
a dense proscyma - in which  
radiating bands of a dark hue  
alternate with light coloured ones  
in the transverse section. Very

Remarkable vascular bundles  
are given off - and I believe  
that the exterior has been  
clothed with appendages -  
but whether leaves or roots  
I am, as yet, unable to  
determine. I am struck with  
its many points of affinity  
with *Dictyosylon* - but it

has some distinctive features. I am now  
working at my third Memoir for the R. S. of  
which Dirtyopson will be the subject. The  
Calcutta Memoir is going through the press. I  
now expect see that the Lepidoptera - Ichneumon  
Memoir is in their hands at the Royal. I can  
find nothing in England like your *Discilana*.  
The *Volucellina* Dawsoni Memoir is printed  
but I have not yet got my copy - I shall  
send it as soon as it comes into my hands.  
I have got an immense amount of information  
together, slipping into me since <sup>last year</sup> Anabattha  
Binney's *Sigillana* *Dorsularia* *Carsinthus* *Delphodendron*

Delavainoides, Brownia, Sigillaria  
Elymus & Cordia Diplopoda  
Cycadoides. They constitute  
one grand series. Cordia has been  
as also has Brownia - because  
neither of them knew that these  
plants possessed a medullary axis of  
barred cells as well as barred vessels  
and that these barred cells were  
prolonged into medullary rays - where  
being barred, they were not distin-  
guished from the true vessels  
which accompany them only in  
the larger rays. I think I have  
now cleared up all that con-  
fusion - I wish I had  
you here now to see the  
treasures accumulated since  
you were here. About ten  
times the number of sections that  
you saw - when you visit  
me -

me - however I hope someday  
to repeat the pleasure. -  
I am longing to send you a  
few sermons - but some have  
or other new game is per-  
petually turning up & tempting  
me to chase it - I know  
that if I delay my work will  
be snatched out of my hands  
by others who will do it ~~more~~  
perfectly, - I am convinced it  
is almost impossible for any  
one to do any good at this  
business who does not grind &  
cut his own sermons. You  
can form no idea of the  
multitude I have sometimes had  
to prepare before I could be  
sure of my ground in reading

a point. — I have got the  
casts of the bark of the ma-  
ture stems of my *Dictyosylon*  
*Oldhamium*. It grew into a  
large tree. The bark had a  
honey-combed surface — but  
with oblong or lenticular  
instead of hexagonal depressions.  
Casts of these depressions have  
been described by Corda as  
part of his *Sagenaria*, <sup>(asiformis, fig. 4)</sup> and  
by Goulier under the name  
of *Lyginodendron Landsburgii*.  
Corda's plant, however, never  
belonged to his *Sagenaria* &  
Goulier was merely an inor-  
ganic cast of the surface.

Can't then still insist that I refuse to see any  
Medullary rays - or any exogenous structures  
in Stony of these plants - it is really becoming  
too absurd to be credited - As Dickinson says  
these Portulaca hairs to other like bees  
but I ost equal - I will treat them all  
as the parent before I change them with  
it. - Now after this prolonged series  
of Epstein's Pray follow my examples &  
let me hear what you are saying  
Believe from over the water and

Williamson

Sept 1881

always warmly welcomed.

Mrs Williamson is away,  
just now as she would  
have liked to have been  
kindly remembered to you.  
She retains most pleasant  
Reminiscences of your  
visit.

I am ever My dear Sir

Sincerely yours

W. Williamson