



William

THE OWENS COLLEGE,
MANCHESTER,

Oct 20/75

My Dear Friend

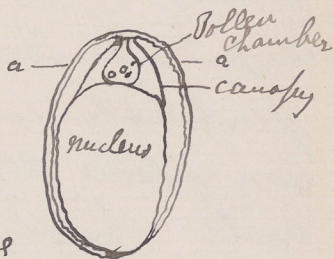
The receipt of your admirable address reminds me how long it is since I either wrote to - or heard from you. During the last two months, unfortunately, serious illness amongst my children has kept me in a state of racking anxiety; and though I trust that the cloud is passing away, I do not yet feel in the pure sunshine of perfect confidence respecting my second daughter. However we now see much

Reason for hoping the best,
and trust that, by the good
Providence of God, she will be
restored to us, one week, in
perfect health:

I am working away as hard
as ever - especially, though not
exclusively, amongst the fossil
seeds of the coalmeasures
Some of these are most re-
markable having, as Brongniart
has recently shown in the case
of the French Seeds, - a large
"Pollen chamber" within the testa -
but my examples are even
more remarkable than any
of his. One form to which I
propose to give the name of

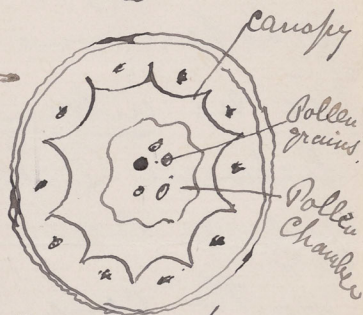
Lagostoma, has a large flask shaped cavity, canopied over by a fluted tent, between the exostome and the nucleus.

A section made from a to a intersects these



structures thus

I have also got
equite illustrations




of the structure of *Cardiocarpon* of
which I have got at least
four distinct species -

will not you supposed embryos,
in your *Trigonocarpon Hookeri*,
really be ~~the~~ structure of the
same kind as our *Pollen chamber*.

Re-examine your specimens in
the light of our new facts and
see if they ^{latter} throw any fresh light

upon the former.

I have also got some further & exquisite illustrations of the correctness of my views on Calamites and Lepidodendra. These I shall publish as soon as I have completed the memoir on hand which will chiefly relate to true gymnaspermous stems & fruits. There is no internal distinction whatever between Diplocydon and Lepidodendron. What I have already demonstrated in the case of the Buxitoid plants I am now in a position to do in that of our Lancashire Lepidodendra. whilst of Calamites I can show you an unbroken series from  where we have nothing more than a ring of canals enclosed in a bark, up to a stem with a vascular core two inches thick and a bark equally thick! - Let me hear soon with as long and explicit a letter as this -
I am ever sincerely yours
W. C. Williamson