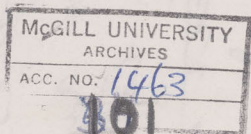



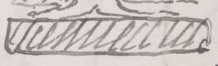
William



THE OWENS COLLEGE,  
MANCHESTER.

June 7<sup>th</sup> 1885

My Dear Friend

Apropos of the Carboniferous stems, I have failed, in my last letter, to make clear to you the point in debate between me and my German friends. I agree thoroughly with your ideas so far as the vast majority of the stems are concerned; but the question was, have no stems been found with roots below a coal and the stems projected into or through a coal? However rare, I have such examples here. The other point was, have any Stigmarium roots been found passing downwards through a coal into the Fireclay below. I have such an example. I have one example where two coals existed, one above another with a thin fireclay between.  with a thin fireclay between. and a stem had its roots  in the Fireclay and the stem rising through the coal

above. Such extreme examples  
as these wholly bowl over the  
men who doubt even such  
simple examples as those which  
you and others have described.

But now for your question.  
I fear I have no information  
about the sea-bed of the  
Atlantic beyond what was  
obtained during the earlier  
explorations of the ~~Challenger~~  
Porcupine & the other vessels employ-  
ed by Thompson - Jeffers & Car-  
penter; followed of course by  
those of the Challenger men -  
all these you have. - But  
I can now send you a memoir  
of mine which preceded not only  
all these, but <sup>also</sup> the explorations  
of Parrottales on the Florida  
Coast, - when first printed I  
had only a few copies of it.  
By an accident I have just  
obtained a number of spare



Copies of the same memoir;—asking you will  
do me the favor to forward things for which others  
in later years claimed credit.—I know the  
first to announce the existence of <sup>Beant</sup> dead fish  
made up of organized atoms; and it was also  
the first to explain the disappearance of  
the calcareous fossils of those organisms  
through the action of Carbonic acid upon  
them. The memoir will be of no use to  
you for your present object, but I am  
glad to be able to send you a copy of such  
an authentic source. It has some small  
historical value — when I wrote to you

last, had Grand Eury con-  
ceded the fact that all my  
British Calamites (Arthropites)  
are really the woody zones of  
True Calamites? He has done  
so both, in the Comptes Rendus  
and in a private letter to  
myself. I knew that the  
Frenchmen must come to it.  
Bouquet's <sup>or Enault's</sup> figures of Sicilian  
Spinulosia & Elegans turn out to  
be inaccurate. I shewed this to  
Don Palmes the other day; and I  
have just received a letter from  
Weiss who is just going to publish  
a notice of the fact which he also  
has discovered for himself. He  
agrees with me as to the  
Cryptogamic character of even  
these two forms, upon which Esener  
& Pappe rely for their Gymnospermous  
types. You know that your two  
dear ones will be with us ~~Wednesday~~  
on Tuesday. Don't you ever wish  
Dear affectionately, Don't  
W. C. Williamson