

Saint John N.B.  
30 Oct. 1879

My dear Sir,

I am much indebted to you for your kindness in sending a piece of Cozoon, which I know will be appreciated by my Belgian friend.

My work in the field last season has not brought me in the way of collecting anything worth speaking of in the Caribbee; but it has enabled me to extend my observations on Surface Geology, and to verify the wide extension in N.B. of a set of beds at the base of the Leda clay, of which I had very clear demonstration the existence of strata three years ago in the Douglas Valley, but did not return

about them till I had further proof of  
their extension. From the way in which  
they project above the Leda clays they have  
I think generally been supposed to be of  
later origin. The deposits are usually  
stratified gravels and boulder beds -  
sometimes in the form of horsebacks, <sup>rounded</sup>  
gravel mounds, but often very moraine-  
like in the outline of their surfaces.

I think this set of beds can be  
recognized all along the Atlantic  
Coast, and hope to get time this  
winter to examine the subject more  
carefully, and arrange the facts around.

1 Nov. - Opportunities for collecting  
post-pleiocene fossils have not come  
in my way, but I have learned  
a good deal ~~of~~ about the circumstan-  
ces attending the deposition of the covering  
(Surface) formation in this part of NB &  
the existence of the beds above  
the depth of the Leda  
A. intus

I enclose a photograph, with a request  
that you will favor me by putting me in possession  
of one of yourself. I should like to have one for  
my friends who only know Dr. Owen by reputation.  
 Hoping that you will not consider me bur-  
dening in inquiring about a request.

I remain very truly yours,

W. P. Atcham

Matthew  
Copp

I had further proof of  
from the way in which  
the less deep they have  
I think generally been supposed to be of  
later origin. The reports are necessarily  
stratified gravel and boulder bed -  
sometimes in the form of horizontal layers  
ground moraine, but often very massive  
like in the bottom of their surfaces.  
I think the gravel bed can be  
recognized all along the bottom of the  
Coast, and have to get time this  
writer to examine the subject more  
carefully, and arrange the facts  
I Mr. - Oppositum for collecting  
botanic fossils have not come  
in my way, but I have learned  
a good deal about the position  
on attending the discussion of the  
in the last part of the  
of the bed above mentioned

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