



Matthew  
Meyer

Dear Sir

I have read with much pleasure, and instruction as well, the two papers you kindly sent me, treating of the Rock Formations and the Superficial Geology of British Columbia. The latter as a sequel to your former papers on the surface deposits of that region, contains numerous important suggestions on a subject which occupied my thoughts a good deal in former years -

but in connection with another  
region - vizt. New Brunswick &

The Cretaceous period  
seems to have left very marked  
proof of its passage in B.  
Columbia, and helped to build  
up the mountain mass of that  
region. 13,000 feet is a great  
bulk of deposits for that for-  
mation and rivals the Carbon-  
iferous of the Joggins which  
your Fatten has so well  
portrayed

The gradual passage  
from Boulder clays into fine  
clays with marine fossils  
on Graham Island  
is analagous to the passage

we see from Boulder clay through  
gravel into Leda clay - about  
Saint John - only the change you  
note is horizontal, and vertical

I have lately been studying  
lake deposits about here and find  
the connection between the  
Leda clay and Recent marls  
very interesting and instructive.  
Being thus occupied I have  
not as yet had time to touch  
Primordial - but - if not too  
inconvenient - would you kindly  
tell Principal Dawson that I  
have not forgotten his request  
for a Paradipides from Saint John,  
and as soon as I can get at the  
slates will get one for him, and

send it up.

You might also say  
that our Natural History  
Society, of which he is the only  
surviving Honorary Member, is  
flourishing, and doing good  
work in Local Natural History;  
at least in the line of awakening  
an interest in Natural Science.

Again thanking you  
for the pamphlet you have sent  
Demetri

yours very truly  
J. Matthews.