



Amo

GEOLOGICAL & NATURAL HISTORY SURVEY.

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MUSEUM & OFFICE, SUSSEX ST. OTTAWA.

April 14<sup>th</sup> 1883

My dear Dr. Dawson.

You will pardon me if, during this very busy season of yours, I call upon you for a hint or two. Having undertaken to arrange our Post-Triassic fossils, and being desirous of attaining as much accuracy as possible would like to ask a question or two in reference to <sup>the</sup> species the majority of which you yourself have collected for us. It would be useful to have ~~an~~ a systematic (knowledgical) arrangement of these. Now as merely the general localities are indicated

on the Specimens here, the  
 precise horizon i.e. whether  
 the species come from the  
 Leda clay, the Champlain  
 clay, or from the Saxicava  
 Sand, cannot be ascer-  
 tained by others save those  
 who have been on the spot.  
 Then 1871; - Shall we put the  
Riviere du Loup fossils as  
 "Leda clay" or "Saxicava  
 Sand?" - The Montreal  
 are "the Saxicava Sand,"  
 are they not? And the  
 Cacouma specimens, as also  
 the Labrador & St John, N. Br.  
 specimens &c. I keep a dupli-  
 -cate list of localities  
 as below - which you will  
 kindly correct if you please: -

Leda clay	Saxicava sand.
Riviere du Loup.	Montreal
Madousac	Labrador
Cacouma	Portland.
Dutch Cove } N. Br.	
St. John } N. Br.	



we have specimens from  
the above localities as before  
stated collected & identified  
yourself.

They are very interesting depo-  
sits and hope to be able to  
make a much better show  
than before. Dr. G. M. Dawson's  
Peb. Pliocene <sup>fossils</sup> from British  
Columbia & the Islands are  
also exhibited, comparing very  
favourably with the Eastern  
fauna of those deposits.

I must say that our series  
of plants from Green's Creek  
is not very good but hope to  
go out & do some collecting.

I still long to re-tackle  
those graptolites. We are  
hard pressed for work.  
The museum requires much  
care yet. Another session's work  
will soon be over and

hope that in the year's rest  
which you have most  
judiciously taken your strength  
will be renewed to me. I beg  
you again to pardon  
me for calling on you so.

Being assured of your willing-  
ness and readiness to  
do all in your power to  
assist your ex-pupil  
I have asked this of you.

My kind regards to Mrs.  
Dawson and believe  
me Sir to be  
Your affectionate  
ex-pupil

Henry McArthur,  
