

Amherst 4<sup>th</sup> June 1845

My Dear Sir

I have rec<sup>d</sup> your letter of the 1<sup>st</sup> Inst<sup>o</sup>, and shall  
feel obliged if you will have the kindness to forward the  
one you have for me from Canada to the Care of Henry  
B. Allison Esq New Castle Miramichi. I shall be  
then in the Course of a week, but I am not certain of my  
whereabouts in the mean time.

I am on the point of paying a visit to the Loffins  
I shall probably spend two or three days then in the  
examination of the Coast.

Your evidence of the Carboniferous age of the  
Gypsum is, it appears to me, very strong. The fossils which  
I carried to Britain with me two years ago, were either  
too scanty or perhaps (a more likely case) they were  
examined too carelessly by Mr Lonsdale, Sec<sup>y</sup> of the Geological  
Society, to lead to a correct conclusion. I wish  
I had trusted more to myself.

Yr<sup>o</sup> Servant (the gentleman who has examin<sup>d</sup>)

Sydes Collection) had a sight of mine, & pronounced the fossils to be Permian, & Murchison has called them so in his last address to the Geological Society. But there are so many Carboniferous forms in Sydes Collection that the deposit must be such a step lower.

Among the specimens which I carried from Norton Bluff, one proves to be of very high interest. It exhibits the foot prints of some reptilian animal. Owen has no doubt of the tracks being genuine foot prints. The Rocks of Norton Bluff are below the Gypsum of that neighbourhood. So that the specimens in question (if Sydes' view be correct) come from the very bottom of the Coal series, or at any rate very low down in it. It demonstrates the existence of reptiles at an earlier epoch than has hitherto been determined, none having been previously found below the Magnesian Limestone, or, to give it Murchison's new name, the Permian Era.

It is not likely I shall be in Picton for some time. My course is directed to Gaspe. I wish to examine the superposition of the Rocks in that neighbourhood from the coal downward, (there is said to be Coal on the North Shore of Bay Chaleur) that I may the better know

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what I am likely to find in the parts of  
Canada, of which I am about to make a  
general geological investigation. It is to be  
hoped that good sections will be exposed on  
the shore of the Gulf of St. Lawrence

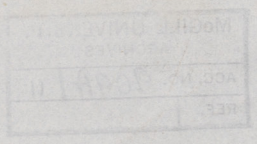
Believe me my dear Sir

Very truly yours

J. E. Logan



I remember that you supposed there was nothing interrupted  
between the Moore Frasers Coal & the Limestone below. I  
found the Stigmaria Beds interrupted, & very strongly  
marked, both on a fine clay, & the seal of the usual  
fossil.



Letter  
W E Logan  
June 1843

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N.S.

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J G Dawson Esq  
Pictou

Logan  
June 1843  
Cuth Nephtes  
Esq

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