

Dear Sir,

Having, as I mentioned in my last letter, devoted most of my spare time to the Gypsiferous formation, I have drawn out the results in the enclosed paper, which you can give to the Geological Society, if you think it worthy of their attention. I have I think succeeded in ascertaining the relative situation of the different parts of the Gps formation, and in collecting a great many additional facts to confirm your views of its position, of the truth of which as you will see, by the paper, I am fully convinced.

I am sorry that I had no opportunity of visiting Oblemidon and Horton this summer. I see by your last letter, that you are uncertain of the age of the trap at the former place. I have not examined it there, but am certain that the trap of Cape Sharp, Passage Island and other places on the opposite side of the Bay, has been erupted through the coal measures, which have been very much altered by them.

The Permian rocks of Murckison have a very strong resemblance in mineral character (judging from his description) to our Gps. formation, but must be of very different age, if our views be correct.

I have been able to collect but few fossil plants of the Gps form, but send a few, (in the parcel, which I hope will reach about the same time with this letter) Among them is one which I suppose is the *Epidolodendron* mentioned in one of your letters. I have found one new shell a *Enomphalus* I suppose, which I send, along with a specimen of the *R. Coral*, which I think you did not mention in your paper.

I have seen Mr Brown and gave him your paper to read. He is collecting sections, which, from what he tells me, will agree very nearly with mine.

I should very much like to know what is thought of the Tracks, specimens of which are sent. I shall endeavour next summer to have a search for more. I am very much obliged by your information.

And hints respecting fossil plants, and shall lose no opportunity of col-
lecting facts respecting them.

McGILL UNIVERSITY
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