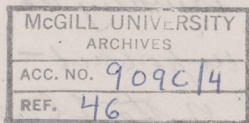


9 m D  
Lussuel. B.C.  
Aug 21. 75.



Dear Father

Now date us you will observe from Lussuel, where I have rather unexpectedly come. On arriving at Soda Creek I found Mr. Glassey the Agent of the C.P.R.C. had made arrangements to let me get off at once, but had not succeeded in obtaining a second indian, & was also minus one horse ~~man~~ of the complement. The trail begins on the side of the Fraser opposite Soda Creek, & the crossing of the animals can only be effected by the steamer which plies between Soda Cr. & Lussuel. Now as we arrived at Soda Cr. on Wednesday night after dark, & the steamer started next morning at daylight it was either necessary to cross on

Thursday morning or wait till the  
return of the boat on Sunday evening.  
Thinking the loss of four days less  
important than the arrangements  
of the start being properly perfected,  
I decided on the latter course, & as  
Soda Cr. did not seem to offer much  
of interest, came up here on the  
steamer, & shall return with her  
tomorrow. This place is about  
60 miles north of Soda Cr. & in  
coming here I had a chance of  
seeing sections of the lignite bearing  
rocks in the river banks, & also  
those exposed about here. The  
lignite here though occurring in  
quantity is not in thick seams, &  
is mixed with shale &c as though  
it had been drifted together, & had  
not grown on the spot.

The general aspect of the lignite bearing rocks is very much like that of the Tertiary Tertiary of the plains, but the resemblance may of course be ~~the~~ only one of similarity of conditions of deposit. I think you examined specimens of plants collected here some years ago by Mr Richardson. I have only been able to find one thin plant-bearing bed, which contains a few leaves in very good preservation. I found in the same bed however, which is exceedingly fine grained, the remains of a dipterous insect - not unlike a common fly but smaller. I worked away at the bed all this afternoon, & in addition to a good many leaves, more or less perfect, have got

fragments of at least two dipterous  
insects, one coleoptero, & perhaps  
one or two others. There will be  
interesting, but I cannot find a  
trace of a mollusc, which would  
be more satisfactory as a test  
of age.

In journeying up the Fraser by the  
stage I have got a glimpse of  
what of the formations which Mr  
Selwyn has provisionally designated  
in his first report, & in going westward  
to the Cascades I shall cut across  
them again on another line if  
they are continuous northward &  
southward, as most things  
seem to be here.

Please excuse this short note  
& return me your appreciation.  
Yours  
G. J. G. G.