

Porters Lake, Wetland

July 15, 1881.

Dear Father,

I enclose a letter addressed to George which may perhaps interest you before you forward it. We have returned here last night from our expedition in tracing the limits of the granite country, and to-day have been following up another set of lakes, which we were unable to reach before for want of a boat. It is a small row-boat about 10 feet long, of the form known here as a dory, which two men can carry comfortably for half a mile or more if necessary. We will only use it for the smaller lakes, as on any larger sheet of water, we can always get a boat without using our own.

At first I had some difficulty in de-

termining the limit of the granite regions. The whole surface of the country for two or three miles from the edge of the granite is thickly covered with boulders, and on hill sides where there happens to be only bushes and scrub growing among them, it often appears much like the solid. Then where the granite does ~~appear~~ occur it is often so much shattered that the whole side of a hill may consist of a pile of immense blocks with rounded corners, filled in with boulders & bushes, & leaving hardly it quite doubtful whether any of it is really in place. The actual limit is thus sometimes uncertain within a few hundred feet, if there happens also to be a swamp at the foot of a hill such as I describe, extending to the shore of a lake. On the other hand, the limit is sometimes much more definite, & can be established within twenty-feet with precision; although this is perhaps unusual.

I have just received your letter of the

The 10th inst. & also one from another from
three others. I am glad to learn that your
trickly work is getting on so well. The only German
book I remember on reptiles was the one with
the plates at the back. This, I believe, I
bears returned to you some time before I left,
quite before the library was cleaned, I think.

I make a sketch map on the back
con- that you may see where I am at present.

Your affectionate son

William.



Part in ink already surveyed.

Line of Lewis Weeks & Brown's lakes along granite boundary. Surveyed July 12-14.

At A two lakes found to-day which we intend to survey tomorrow.

We then intend to follow up the line of lakes from Smelt Cove, and then go on toward Lawrence town.