

Matthew
Saint John N.B.

14 June '69

My dear Sir

I am in receipt of your letter of the 4th relating to the position of the Perry plant beds. I went to the localities last summer in company with Mr Brown prepared to find them in the older series, but those which he pointed out to me were in a series which had the characteristics of what we have always regarded at the east, ^{ie. St John} as Lower Carbonif. I think the characters of the two groups are set forth

somewhat at length in ^{our mss.} the report.

If you have access to it you ^{may} obtain a clearer idea of the result at which we arrived after carefully tracing the Devonian led westward from Dr. John, than I can communicate by letter.

So far as we could make out from the relations of the rocks about Passamaquoddy Bay and their contained fossils, the metamorphic slates and sandstones of that district are Upper Devonian and Upper Silurian (the fossils having been determined by Mr. Billings) The bright red soft sandstones and conglomerate of Perry Magadavic (St. Andrews, examined by Bailey) rest unconformably on these and are filled with fragments of the older series -

prob. I will endeavour to give
a creek ^{or trip} this summer to a
more careful examination of
some points bearing on the
question -

Dr Hunt has written
to say that he intends to spend
some weeks on the ground that
we joint over last summer,
and expects to be here toward
the end of the month; so that
this point among others will I
suppose receive his attention.

Hoping that he may find
a satisfactory explanation of
the difficulty, believe me
very sincerely yours

G. Matthews

P.S. May not the resemblance
between the John Devoan

plants and those of the
coal measures be due to
similar conditions of growth
and entombment; the St John
flora being evidently an estuary
and marsh-deposit of a large
river — On the contrary ^{change}
from coarse to fine ^{the Perry beds}
and view were in short distances

P.P.S. I don't recollect whether
I asked for 50 copies of the paper
on Plants of Acadia, If not
please reserve that number for
our Society and have the manu-
script returned with them to the
Nat. Hist. Soc. here

