

Boston Nov. 9. 1876

Dear Mr. Dawson

I have yours of the 7<sup>th</sup> and  
am glad you approved of the circular which  
I have sent out in large numbers. I am  
interested to hear of your discovery of new  
republics in N. Scotia. The American  
Ready so-called is situated here & its procs  
are published in Octavo form. but do not  
amount to much. The memoirs are in 4<sup>to</sup>  
I receive them or at least am entitled to  
them. Is there any particular paper which  
you need? If so I can get it for you I  
think. I will propose you a fellow  
i.e. correspondent. and am surprised  
to think you are not one already. If  
there is a vacancy your election would be  
sure. In the next I will require proofs  
of both volumes of Procs. & Memoirs  
I shall be glad to know if there is any spe-  
cial paper which you desire.  
As to Logan Bohemians. I know no-

They see the name, which I suspect I saw  
in Wright's Catalogue. Do I understand you  
that its organic character is doubtful? I put  
some of Hauer's specimens of *Stromatopora*  
into the hands of Shaler, who with Powell  
has looked at them. They think they are  
not *Stromatopora*, and when I read New  
york note which they had not seen said  
you had said just what they would here  
themselves say about them. I have  
the note about Tschek's rocks in the  
*Primitivus* hands - I will send you some.

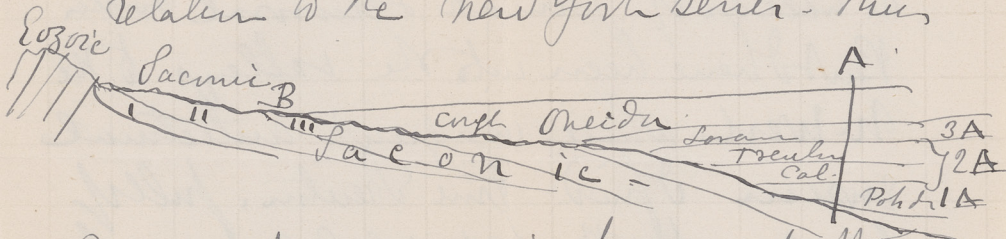
I am sorry I have not more satisfac-  
tory answers to some of your questions.  
and now creep on. Is the flora  
which the Germans call Culm. de-  
scribed in some Carboniferous or does it  
take in all the Coal Measures? I have  
vague notions that this L.C. but see  
it used as synonymous with the whole  
Carbonif. by some authors. I am work-  
ing up a summary of Powell's, Powell's  
& Gilbert's & King's work in the west which  
is the most important in its rela-

to our knowledge. My sketches  
appear ready in Warpers Year Book  
edited by Baird, and cover much geology.

My report for Lesley by his request  
will give a concise statement of my  
knowledge of the Eozic and the  
pal. rocks up to the true Silurian.

I find in Penn. that the so-called Mat-  
rial roofing slate, is unequivocally over-  
laid by the Shawangunk grit along the  
great Appal. valley, and the latter has  
pebbles of the slate in its conglomerates  
as well as of Pennal & Huron rocks.  
But there been into the valleys to the  
N. West, where in a great anticlinal  
mass I find true Trenton, full of  
fossils - with the typical Califerma be-  
low, and above Lorraine shales full of  
fossils, culminated with & completely  
overlaid by Shawangunk - (Onondaga & Medina)  
now this from these western valleys that  
Rogers described his Material & Huron  
fossils, and what he calls by the same names,

Elsewhere are without fossils, lithologically  
 very unlike the fossiliferous strata, and were  
 uplifted & disturbed before the Shawangunk  
 was laid down. As we have no fossiliferous  
 material below this in the great valley the  
 case is perplexing. In N. New York we  
 have by an ascending sea successively  
 Potsdam, Calif. Trenton & Lorraine  
 resting on Laurentian. It looks as if  
 the old Lacomic (Potsdam, Ansonia &  
 material of the great valley, but not the  
 Calif. Trenton & Lorraine of the western  
 valleys) had sustained a similar  
 relation to the New York series. Thus



Concern at A an axis bringing up the  
 Calif. on an eroded anticlinal zone  
 hence the conditions of Murray I describe  
 with passage from Lorraine to Oreida  
 without break, while at B. the Oreida  
 holds pebbles of the slate III supposed to be  
 the equal of the Lorraine according to Rogers

This is the way the matter looks to me -  
 very much as if Emmer was right -  
 The S.S. I has a scolithus wholly unlike  
 the famous Bohdan as Billings long  
 since noticed. The L.S. II holds an ob-  
 scure lingulid shell + casts of Murchisonia  
tenis (Sowell), while 2A + 3A are full of  
 characteristic fossils and wholly unlike II + III.  
III is a soap slate, without fossils -

But I shall hope in days to see you in  
 Annual order up all these matters - please  
 tell me what locality you here consult  
 the in serpentine whether they are in the  
 conglomerate serpentine of Melbourne

Excuse this crude sketch, drawn only  
 in haste & at night. Drawn by  
 dear Dr. Dawson

Very faithfully yours

Henry De la Beche

Murchison Dawson & Co

A Hunt  
Nov 76

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