Old Letters

I have put into the Logan box of specimen 2 spare copies of C. Bunbury on "Coal Plants of Cape Breton" which you may make some good use of if any one of your friends should be studying them –

20 May.

I have determined on further consideration to enclose your paper & the Podes in the Logan box as there is spare room. I will arrange with you perhaps in correspondence to take it back or anything you please from Halifax at end of July or when I travel at Halifax on my return. I have also put into the box 10 copies of our joint paper with Wyman & Owen on the Dendrerpeta. A genus can never give a definition in a name. Some of my friends wanted to call the shell "Arborispupa": half in joke no doubt but not having it month on had no generic characters. I shall send copies to Sir E. Head. Dr Rott. & Mr Chandler & to scientific friends in U.S. You can give one to R. Brown or any Nova Scotian geologist. Dr Harding? I have also sent another copy of my lecture on Coal. I did not forget the pebble bed of Glasgow Albion Mines, but this does not contradict the delta theory because any

hilly near the coast or a hilly island may give rise to rivers near the sea where a great river brings down only mud from a great continent.

C.L.

Philadelphia, September 14th 1853

Sir:

The Academy of Natural Sciences of Philadelphia,

has received as presents from you.

five specimens of Coal fossils from South Joggins, Nova Scotia, and also, a copy of Scientific Contributions towards the Improvement of Agriculture in Nova Scotia.

and directs me to express its sincere thanks for this token of regard.

With sentiments of high respect, I am.

Your most Obedient Servant,

John L. LeConte

Corresponding Secretary.

To J. W. Dawson Esq.
Pictou.

Philadelphia, September 14th 1865

Sir:

The Academy of Natural Sciences of Philadelphia,

has received as Publication from you the following Specimens of Coal Fossils from the Anthracite Coal Field, and desires to express its sincere Gratitude for the Generous Donation.

and directs me to express its sincere thanks for this token of regard.

With sentiments of high respect, I am

Your most Obedient Servant,

Isaac J. Wistar

Corresponding Secretary.

Gen. A. L. Pearson U.S.A.

Wilkes-Barre, Pa.

Letter
Ac Nat Sci
Phila
1883

Phil Nov 25 1846

My dear Sir

The small box of fossils minerals & shells I made up at Pictou has at length come to hand. & I shall soon submit some of the specimens to the Palaeontologists for their comparison with our own Silurian species. Will you convey my thanks to Mr. Brackett for his attention in forwarding the box? —

The Academy has recently received some large additions to its fossil collections as well as to the other departments. among the rest is a true fossil human bone — an os innominatum — from the clay beds of the State of Mississippi 100 feet below the surface & underlying bones of the Mastodon Milodon, megalonix, fossil horse and some new species of animals found in that region ~~and~~ directly above the human bone locality. The whole collection of these bones is now in our museum. Agassiz pronounces it the most interesting & novel collection he has seen for a long time.

Please make my regards to Mr Rose Mr. Bimson Mr. Poole & any other friends who may make inquiries — & say to them that my mind reverts with great pleasure to the time passed in your town & vicinity.

Very respectfully
Your obt Servant
Walter R Johnson

Steamer for Halifax

John W. Dawson Esq
Victoria
Nova Scotia

Boston Oct 7
Paid 25
1846

Offer All Boys
Wandlent
1832

Govt. Emigration Office
St. John 2d Aug. 1852

My Dear Sir

I had this morning the pleasure of receiving your letter as also the pamphlet on the Potato Rot, by the Secretary of Massachusetts. I heard of your valuable communication

John W. Dawson 52

S. G. Dawson Esq.

which recently at Boston, & of the well merited encomium it had received. A notice should be taken of it here.

I sent you last Monday a copy of the 2d. Edition of the Fishery Reports, which I trust you received in due course — you may be assured I did not forget you in the distribution.

Canada & Nova Scotia each asked for 500 copies of these Reports, and an edition of 2000 was ordered by the Govr. in Council; but now Newfd. has asked for

one thousand copies, and Maine has applied for 1000 copies, & as many more as can be spared. So a third edition will have to go on forthwith.

If the labours of we colonists are not always appreciated at home, they sometimes are abroad. Your article on the potato bot is a case in point.

The great scientific trial, Asphalt vs. Coal, has been going in the County of Albert for the last two weeks, & will probably be finished this week. The savans from the U. States, who have been examined as witnesses, left here this morning in the "Admiral" for Boston.

They were, Professor Silliman, Dr. C. T. Jackson, Dr. A. A. Hayes, Dr. Beck, Dr. Torrey, Dr. Elliott, and Mr. Feschemacher; these were all for Ether. Then there were Dr. Leidy of Philadelphia, Dr. Wetherill, & Dr. Antisell of New York, - who with Dr. Robb of Rensselaer, were for Asphalt. It is impossible to say how the Jury will decide, if decide at all. The Savans on both sides were diametrically opp[illegible] but it is rarely that scientific [illegible] have given each other such [illegible] contradictions.

With my best wishes
Believe me, Yours very [illegible]

W. H. Perkin

N. Let me hear for you at New York at all events & believe me ever faithfully yr Charlyell

11 Harley St. London
May 17. 1853

My dear Dawson

You may perhaps have seen in the newspapers that I am named one of the Commissioners for the New York Exhibition, a compliment to which I thought it right to respond. I shall only be 2 months (about) absent from England, from May 28 to end of July - & when I return I cannot set to work at our joint paper because I am

called upon either to abandon or to recast my Manual. This is unfortunate because my publisher had he only had the courage to throw off a larger & more profitable edition might have given me as I requested a respite for some years. But at all events now he shall do it. Meanwhile do not say anything about a new Edn. as we have some of the old to sell.

I have requested the Rect. of the Geol. Soc. to give an early reading to your paper on the S. Joggins Coal. I

now proposes to give up all property in it, merely trusting to your saying that in part of the section you were aided by me in the field & in discovering the theory of Coal. I hope you will return to the coast section & make it your own by continuing the survey & enlarging the paper.

I shall sail on 28th May viâ Halifax to Boston. I mean to pack up your papers & Mr Poole's & if I receive a note to that effect I will leave the papers in charge of any one you direct at Halifax.

For you may wish to have this
copy to add to. But if you do
not receive this in time or do not
wish to have it again I shall
bring it back & give it in as yours
to the Geol. Soc.

Or you may write to Mr. Yule P. Office
& give any directions to me about
it. It is well written & if I
had had time I should have
much augmented it. I am in hopes
that your box of fossils was
unpacked at the Geol Soc & that
the specimen of upright calamites & a
fish &c which are in the drawers
of the Museum may have come from
the box you sent to the Banking
as Secretary. If therefore you send
the Assistant Secr. Mr Rupert

Jones any queries he will try & answer them, if the specimens missing are in the drawers. I am going to the Canary Islands in the Winter, I hope, & therefore shall not have a moment to work at Logania & your book in reference to the S. Gossypium. But if you send plants with queries I will try & see if the Assist.ts Secty can answer them.

Flabellaria is a true palm as now restricted & no true palm are proved to be carbonif.s says Ad. Brongniart. Pocaites is a provincial name for many of the trees - like leaves you call flabellaria. But the subject is in great obscurity.

I told you of a suppose

Calamite with a head with seed-
fruit. C. Bunbury says it is a
a true calamite, there is no
at the joints & the fluting are
quite regular. but the general
aspect is very equisetum
like.

Some say it may
be coniferous.
We shall stop an
usual 2 or 3 days
at Halifax. I sent
with my plans a cheque
which you must accept.
you offer to go on with the Joggins
I will learn 10 copies of the paper
on the Reptile for you at Halifax.

Address G. F. Duncombe Esq
Clarendon Hotel
New York

New York. July 24th
1853

My dear Dawson

I am going to England
by the Arabia which sails on
the 27th July or the day after tomor-
row so I do not expect to receive
the Pr. Edwd I. Sawyer. If not
sent off you had better perhaps
keep it & negociate with Dr
Gould of Boston or Dr Leidy
of Philadelphia. I wrote to the
latter to invite him to make an
offer for the Philadelphia Muse-
um & to describe it himself. Dr.
Wyman is in Europe. I shall

I am sorry that the house where you receive this you had
to invite Dr Leidy, 114. North 4th Street, Philadelphia.—

Robert G. H. Kneeshaw to Philadelphia
Philadelphia
New York

New York, July 28th
1865

My dear Cousin

I am going to Europe
the Doctor thinks feels so
that I may be the only office for
me is to be with or near to receive
the Co. Sales & Commission. He said
that if you had better be there
that it would be a great relief to
Mrs. of Doctor & Mr Kneeshaw
& Philadelphia. I write to
you to write him to make an
offer for Mr. Philadelphia House
in a letter to himself. Mr.
Myers is in Europe. I will

like it to be described by a competent person on the side of the Atlantic if possible.

If the bone arrives here after I leave Mr Duncombe who is acting as Secretary to the Commission is to take charge of it. & if Leidy makes you a proper offer will on your writing to him (Duncombe) do with it whatever you request him to do.

The slowness of the Nova Scotia post makes it a tedious business & fear. Gould thought 25 or 30 dollars would probably be ample. I know nothing of the market value of such things. I have much to do here, & so must conclude wishing you success in searching for air breathers in carboniferous times

Yours very truly
Ch Lyell

Letter
Lil C Lyell
July 185

63

New York. June 17-
10.

My dear Dawson

I have just received t
no small astonishment from England a
letters of yours which yo sent t th
mont House Boston last autumn a
must have reach them after I le
England. But why they have only jus
sent t London from Boston I can
comprehend.

One of these letters is dated
Victoria Nov.

Another ——— — — —
A third Dec.

In one in th inclosd paper which
shld no doubt have used but
yo may now embody in your pap
th S. Gosse Coal. I hope yo

Letter

The box tak by Logan & Sp
that I sent from ~~Lerwick~~ Halifax, &
letter with the key. The box a
sent carriage paid

Yours
Charles

11 Harley St. London
March 25. 1853

Dear Dawson

When you see our short paper on the reptile & land shell, I feel you will I think perceive that I have had my share of work. Besides you must give me credit for having had to go over & recast Wyman's osteology, omit what after Owen's aid was to be omitted & modify other parts, select specimens for illust.n & get the artist, & also shew the shell & when Phillips of York suspected it to be a fisher tooth, get J. Quekett of Coll. of Surgeons to dissect it & make microscopic drawings of it.

The result of these is to shew it is a shell in Prof. Q.'s opinion, & a land shell but more sections are still to

Mr Maclea

Your paper on the Albert Mine was read at a full meeting & deservedly with the more zeal as a somewhat analogous case has turned up for litigation near Glasgow. One critic half praised your diagram in explanation saying it was only too ingenious & he would rather have believed some way of accounting for the shift & dislocation. That was not so very clear.

I gave Sir P. Egerton the fish from Albert Mine which Sir E. Head gave me & he put in his commonly authentic as a note or Appendix to your paper. New species, most like those in the Lower Coal of Europe

your paper will of course be printed.

Dr Hooker ~~has~~ saw some of the specimen of Flabellaria & told me to put the term Poacites for them. They are not flabellaria.

A specimen of Calamite with fructification has been found in the Lancash. Coal field & just sent to Dr Hooker. When the specimen reaches London I will write to you about it & hope to benefit before our joint paper appears. I have read most of said paper which you have done well & I long to have time to set to work at the plants

the drawing

&c. I have got your abstract of
which will do, but I have not
his box. I placed your Albert
specimens and my own on the table
the G. S.

On showing Dr Salter, my flat
Sigillaria from the Joggins, with
rootlets attached to it, he undertook
prove that they had adhered to the
inside of the hollow tree, before
was prostrated, and partially filled
with mud, which either got in afte
wards or was squeezed flat with the
tree. Dr Hooker is going to exam
the charcoal from the inside of the tree
for structure. I showed him your
drawings, which made him wish
examine it. He did not deny th
they might be rings of growth,

seems to say that Sigillaria could not show such, though Lepidodendron might do so.

Owen sees decided analogy between the cranial plates of our reptile, and Labyrinthodon. We have concocted the generic name for it of Dendrerpeton, or the tree-lizard, to which Owen would have appended Logellii, but I preferred Acadianum, as the commemoration of Nova Scotia as the locality of it will be more to the purpose. I trust some more specimens of the Pupa will turn up. For in consequence of the controversy about it's nature, it has made as much stir as the reptile. Whether Wyman's small dorsal vertebra be those of a distinct animal or the tail of Dendrerp. Acad. is still doubted here. I know not whether in two months

I shall be able to get to work on Joggins paper, then among other things Perry is to discuss with me, your chemical theory of discolouration before I commit myself.

What I saw of your Pictou & Glasgow conglomerate in glancing at the paper of yours & Mr Rock I was prepared for after our conversation together on that subject & I do not expect to feel any objection. It had better be read with the Joggins paper & I will then study it. I shall endeavour to throw into one paper some analogies between the delta & the Mississippi & the old Nova Scotia carbs referring delta. By the way in the delta of the Ganges they have found 8 feet under Calcutta a buried forest below the stumps & roots of one Joggins tree, buried in Ganges

seen at Sitt. This is still above the level of the sea, but similar strata occur in boring Artesian wells 350 ft below the sea level & the freshwater beds were not pierced when they left off 400? ft down

I may not have replied to all your queries but will write fully if I can once get my book out. I fear it will take 8 weeks more at least

Yours most truly yr

Chas Lyell

J. W. Dawson Esq

The Rt. Hon.ble Milner Gibson M.P. has borrowed your Nov. Scotia Education Journals for his Educ.l committee.

Letter
Sir C Lyell
Apl

St. Johns Nfd. May 21. 1850

Dear Sir

You were kind enough to say in your letter last autumn that you wd. report on any specimens I might send you from this Island - The enclosed is but a small bit of a specimen of several pounds wt. of what, in my ignorance, I fancy to be pure or native copper - The hurried departure of the bearer prevents me from sending you more, & indeed the tenacity of the metal has resisted my attempts to seperate a larger piece - It has just been handed to me by a

gentleman of research, but totally unacquainted with mineralogy - I know not the locality from whence it comes save that it is found in a cliff ~~form~~ as is shewn by the indentations of the rocks in the sides of the specimen which is of an unequal wedge like form - in some parts of a light ruddy colour in others of a gold like appearance (as shewn in the enclosed)

I could readily have believed it to be part of a quantity of manufactured copper, melted and run together - but for the authenticity of the statement of its being found at the base of a cliff from whence it

Strathbraich
1850

[illegible] in a heathenish
[illegible] language here as to
[illegible] clergy - and hush you
[illegible] gentle and enlightened - they
[illegible] aged and very have given
[illegible] little insight into our
[illegible] - [illegible] very feeble -
Should the whole case be of any
value, we are requested to ask
you to pay no attention to it,
until you hear further from
the parties at whose instance
I now write this very hurried
letter, which I pray you to
excuse, and am dear Sir
Most faithfully Yours
Ellen Archibald

I am authorized & shall be happy to
defray any professional charge
you may think proper to make.

Rev Charles Cowie
Tarbert
Loch Fyne

had been detached with adjacent
lock - shewing mine behind -
Being exposed to the air (I presume)
it is covered with verdigris - or
rather green dust — The gentleman
to whom the property belongs is
determined at all events to
make an outlay in excavating
more of it - and on his behalf
I have ventured to ask you
to analyse, the enclosed if
sufficiently large, and at
your earliest convenience - if
possible by return of Mail -
let me know the nature of it -
It is possible tin or other
mineral may be compounded
with it - or it may be worthless

N

December 29th 1852

My dear Sir

I write you to-day to state that the board you wrote for was had up by me, with a vote just after your letter came. I thought it had been forwarded. So my Submit I found the paper not sent, only yesterday. You must attribute this absent neglect to my late Sickness — for it would have affended

S. W. Dawson Esq

Letter
S. R. Gurney Esq
1852

A.

Government House
Fredericton
New Brunswick
Dec. 27/52

Dear Sir

I am much obliged to you for your pamphlet on the improvement of Agriculture, which I have received safely

Yours faithfully
[illegible] Stead

W. Dawson Esq.

Letter
E Head
1852

Mr Richd. Brown on
Cape Breton to Edinbg
begging yr to forward it
Saturday to Sydney –

11th Feby

I called at the Geol. Soc., they
seem to think they should find some
more recent papers (author's copies of)
of yours but doubted the "Metamorphic"
but will look.

The news of Logan's box
having reached London is just
come & I shall get it in
a few days, but shall not be
able to open it.

When one reputable paper
has read then Ca Bunbury

objected to the term "flakel
lance" as obsolete & I
said I would rather and
I said so —

Believe me
ever yours
Chas Lyell

I forget whether in any of
your letters or the paper you
~~have~~ sent which I have
only skimmed you have
mentioned the exact relation
of the bed containing Hardings
foot-prints to our S. Jos.

gives reply —

I presume Harding is in the lower beds of Horton bluff please send a note on the position & excuse if you have done so before —

Yours
Chas Lyell

J. W. Dawson Esq

1

11. Harley St. London
Augt. 12. 1862

My dear Sir

Mr Murray I find made up his mind not to go so far as to trouble you to send your M.S. to him on the ground simply that he & his advisers with one of whom I talked to day did not think that any book however well written on Nova Scotia would meet with a remunerative sale. Very possibly they are wrong, though I fear that the province is not as well known as its extent & the interesting character of its natural history & the view you could give of the physical geography geology & statistics entitled it to be.

But as the intrinsic merit of the subject & mode of dealing with it have often led to do them fashion with the sale, what of course is all a publisher has to consider, I despair of altering his fixed opinion - Other booksellers might take quite a different view of the matter -

Murray is often over cautious what is very natural because his father is said to have made & lost three fortunes by being rash. He never to my knowledge undertook any book of any one but an established author whereas his father ventured on my first book at once, so I by no means think his veto even had he seen the M.S. is any serious discouragement

It is certainly provoking to be asked as I am when I lecture on the Joggins whether Nova Scotia is one of the United States - There is no tide of emigration going there - as Mr Duncan has not yet discovered a gold field. When we meet we may talk over the matter if you can give me a day or two which I dare say you may find difficult with your business. I wish Mr Brown could meet us or me - If not too late could you ~~give~~ send him word - I will write to him at Sydney by this post, but he may be in Nova Scotia instead of Cape Breton in which case you might perhaps send him word if my wish to visit the Joggins will hinder or gene. I had the pleasure of seeing him

when he was in London. Pray let me
have a letter at Mr Cunard's Office
Halifax.

believe me
my dear Sir
ever sincerely yours
Chas Lyell

J. W. Dawson Esq

Mr Lyell
1852

11 Harley St. Lond.
Feby 17. 1859.

My dear Sir

I have received Mr Logan's book but having as I said when we were together in Nova Scotia a gt. Cdn. of the Principle that ppr. to correct & print before I can look at its contents it must remain for some time unstudied. I have acknowledged it & thanked for it & pronounced if I can to cite him fully.

He tells me I have his report of a trial there are other copies in London, on

having his S. Joggins section —

I am provoked with myself I still more with the officers of the Practical Geology Museum for they positively told me the section was never published meaning that they had never printed it in any of their reports I had forgotten all about it.

Could you not make an short abstract as preliminary to our paper & then explain, the small chapter of it, which alone I refer to —

The Geol. Soc. w. not publish any thing which has been already printed but w. might recapitulate briefly, say that the section is not generally acceptable –

You note about the copy Mr Logan lent yr was duly received. I expect the Albert Mine paper to be read on Wedy next, 23 Feby, when I shall attend to explain.

Ever yrs

Cha Lyell

I have not yet received any author's copies

Jno H. G.S. as yet

J. W. Dawson

Letter
of Sir Colpoe
Feb 1853

Government House.
Fredericton
New Brunswick
Nov. 22/52.

Dear Sir.

I am very much obliged to you for the copy of your little book on Nova Scotia – I wish we had somebody who did as much for us –

Accept my congratulations on the Reputation you – justly enjoy

Believe me

Yours

W. Dawson Esq

Letter
Sir E Head
Nov
1852

My

intere

Coal

Spe

necess

for

We

pits

wh

pit

wh

tup

su

th

H Poole. Esq 1853

Athol Mines N

22 Febry 1853

My dear Sir

I have read with much interest your Report upon this Coal field, and which I now return I presume that you have the necessary information in Pictou for filling up the Blanks — We made the dip in the old pits near the river N 42 E while it stands in the Dalhousie pits N 45 E I do not know which you will use in your report. We have found a small seam of coal underlying the McGregor seam about

90 yards

90 yards which I should be
to include in the section if
it were not scant away we
after the frost goes so that
we might prove its thickness
dip &c —

I hope you have been
successful in the cause of
education

Yours truly
Henry Poole

J. W. Dawson Esq.
Pictou

with some notes by Owen already drawn up!

H. Harley M.
London
Dec. 17. 1852

Dear Dawson

Finding from Sir H. De la Beche that Mr Logan never published his section & that the inclosed wheel of course you have read before in the last communication of Logan to our Proceedings I have written by this post to Montreal

to beg Logan without
delay to send off to you
her M. S. sections & then
to let me send them in
with our paper to Mr G. S.
giving him of course pre-
cedence. I have also
suggested that this was
very desirable because
in 1842 he appears
still in advocating the
higher & unconformable

position of the gypsiferous
beds. If I can learn
any thing before closing
this about our Goggins fossils
I will add the news.
We had a 10 1/2
pleasant mild voyage from
N. Y. to Liverpool, neither
of us ill for a moment —
believe me
ever sincerely yours
Cha Lyell

Logan address is
W. E. Logan
Geological Survey
Montreal

Owen confirms Wyman's results
of the reptilian & probable

5th
1853

to

batrachian characters of the
Joggin bones & Dechaye
now in town has seen
the shell & says it is
a left handed (sinistre)
land shell allied to Pupa
or Bulimus or Cristellaria
&c. Is not this capital
What discoveries you will
make in Nova Scotia
before three years are
over!

CL—

I hope to get the paper
read 3d week of Jany—

Halifax January 5th 1853

My dear Sir

I have to convey to you my thanks for your last letter & enclosing the report from your good lady of her & Sam my boy; & feel deeply obliged to her for the trouble she took to pay them a visit. I refer to her from them about her by the enclosed boat — for at the time they made their last letter they looked for her with

I. M. Dawson Esq

patriarchal character

some merely. So there is
a distinct it is always
agreeable to meet persons with
whom we are on friendly
terms at home. Your good
lady behind my answer
relative to the ~~[illegible]~~ person
with whom George had
been attached, & seen
glad to hear he had
proved so easily thought
the attack. I have
not time to-day but
shall drop Mr Dunsier
a note by next post,
say all that is necessary
for myself. Iam sorry

to hear from Major Anderson
of the accident & discomfort of the voyage
and hope for Capt McClungie's sake, & your good
lady's, he may have fair to him,
that he is free of the
responsibility. Whom we to
blame they have a heavy
load of sin to answer
for - I am of a hard age
not of them, but the
report may have been
exaggerated & I am well &
be thankfully -
have not been sure not
yet well - My regards to
your mother & sister
Your faithfully
R. Jones
Did you get my letter about the book.

Let
G. R. Young
Young 1853

Walker &c.

Letter Packet

St. John 25 June 1852

J. W. Dawson Esq

Dear Sir

Having recently received a letter from the Rev. Mr. Young of Montreal whilst in one that Mr. Logan the Canadian Geologist has discovered one Coal. Mr. Coal. I have written to ask him to meet some other scientific gentlemen at the Mission during the early part of the ensuing month. And should you other important avocations allow you to participate in meeting there, it would afford me much pleasure. ~~[illegible]~~

You are aware that this question has created some controversy. And I regret that legal proceedings, these we are desirous should be settled as early as possible. And it is with the view of bringing together gentlemen who are well known in the Colonies. And abilities appreciated, that I hope to satisfy over Dr. Gesner kindly that he is in error.

Dr. Robb and Mr. Taylor. Say that Mr. Mill from the Albert Mines is not a Coal. against there I have the testimony of very many of the most eminent scientific men in Nova

with several from Europe -
Judge Ritchie in the late trial in Halifax decided that it was not material to the existence of Gentian, whether the substance was or was not Coal - as under the more general term of "Mineral" it was equally covered by the Charter. - as he must remember has been said on this subject in Dispute he must glad if there gentlemen best qualified Nanaimo - will be asking the Geological position and all other features that may guide them to a correct judgement in determining this question. -
Should you have opportunity lies me to visit the Mines during the Early part of July. please let me know from you - as I should wish to arrange so that I might meet you there. also that you might meet the Scientific gentlemen to whom I have alluded. -
I depend to pay all the gentlemen duly employed in the Survey. and all other expenses cognizant thereto. -
Yes our trial against our Company in Albert is not take place at the next term - May 20th proximo. -
I am later in the recent Article or Paper in Coal and etc. for an article about the order of the "Gold Seekers" in the Annapolis Valley - This will however appear be time

time expended faithfully in this very
Copper certainly does exist in the range
of Mountains on the South side of Bay Rondy
especially toward its Western extremity from
which I have seen several pieces
broken up some miles apart. of very
pure Native Copper. some veined with
Silver. and very similar in appearance
to the Copper of Lake Superior. but whether
these can be found in place or in sufficient quantity to give them a value
remains to be discovered.

I am Yours very truly
Edward Allen

P.S. I expect Mr Logan at Albert. but am
not certain that he can come at present
time —

Except – would be glad to go especially if to
Fort McLogan have not seen for some time
pressed deserters could go in Army
Have sent part of the trial Indent of Quartermaster
Home made stuff Cannon
Spent a week on Cannon in the Army
under the other Commissary – not done yet –
Will be to spend only
A Accomodate

Letter
Lt Williams
1862

Lynn. Boston
July 8. 1853

Myden Dawson

The conifers swamp tree is worth the transportation of Logan here & London & back. You may feel confidence in your fossil botany after Williamson's confirmation of your views about Sternbergia.

What a grand discovery is this Thecodont for such it appears to be. My friend Agassiz has too much in

hand & Wyman is travelling
in Europe. I could not
send it out of the U.S.
but let Lady describe
it. They ought to buy
it fossil & probably would
do so at Philadelphia.
I will do my best
if you will send it off
to me at "Clarendon Hotel
New York." If you
could say that it should
not go for less than a

certain ~~form~~ sum it might be

well. 30 or 50 dollars – I am unable to price such specimen having never bought –

I shall be at N.Y. by the 12th

or 13th at latest –

I am somewhat relieved

by the idea that the fir trees

were not drifted from adjoi-

ning high lands, for then other

upland plants & animals

ought to have come down –

Yours

very truly

Ch. Lyell

Letter
Sir C Lyell
& Murner
July 1833

11 Harley St. Lond.
Nov. 9. 1853

My dear Sir

I bespoke the first evening of the Session which was well attended for the reading of your paper, claiming this privilege, as the M.S. was in their hands last year. I made no alteration as I preferred its going to press in your own words & I explained the discussion the points of the case. The assistant Secy told me he should insert one or two references to our Journal paper & I transported two of your

preliminary or introductory sentences
putting that first in which you
state that the paper was based
partly on our joint observations
& partly on others made near
Lyme 1853 by yourself separ-
ately — This passage was follow
by that in which you advert
to the importance & interest of
the Joggins section. None of
the words required alteration
in consequence of the transposition.

Mr Duckett says that the
second paper corresponds to the

Letter C Lyell Nov 1853

Letter C. L. 1853

first & confirm the view previously taken of its being a land shell.

The Albion Mine paper & the old gravel or shingle bank afforded a good subject of debate but elicited I think nothing worth of reporting — It seems to me a very probable hypothesis — to say the least of it.

Dr J. Hooker says that the large pitts, the continuous medullary rays & the number of the ⊙ dotted discs of the carboniferous conifers beyond the number of those in living Araucaria implies that the

old conifers may have diffe
as much from our pines as does
the deciduous Cypress differ in
aspect from any European fo
tree –

Unfortunately Hooker was a
present nor any good botanist
at the discussion of your pa
per – I rather hope to
start in a month for
deira & the Canaries
The quarantine regulation
Spain about cholera le
us in great uncertainty
believe me
ever most
Charles

The paper was well
read by Mr Hamilton in
full, & so produced a
good effect –

W Dawson Esq –

Sydney Mines
27 Dec 1853

My dear Sir

I sought long since to have acknowledged your favors dated 2 & 9 Oct. as far back as October & also the receipt of William Christie's Paper safe to hand — I am happy to find you have been so busily engaged upon the Joggins section and have collected such a mass of interesting materials — I shall look forward with great pleasure to the

any work that may assist you in carrying out your valuable researches — Have you seen the "Memoirs of the Geol. Survey of Great Britain" — I have the 2 pistol vols — There is an excellent article on Lepidodendron strobi by Dr. Hooker — and a long paper by De la Beche on the Coal Measures of South Wales &c.

Wishing Mrs Dawson & yourself the compts of the season, I remain

My dear Sir
Yours very truly
R. Brown

their appearance in the Lear. Geological Journal. I have not had leisure during the past season to devote a single day to Geological pursuits - which I regret the more as there is a fine field in this vicinity lying quite neglected. The erect fossil trees would I am sure yield a rich harvest to any one who had time & skill to examine them.

I observe by the Athenaeum that your paper on the Albion Coal Measures has been read -

If I have any Geological Books which you do not happen to have that will be useful to you pray do not hesitate a moment in asking for them - Nothing would afford me greater satisfaction at any time than to put into your hands

Copy to Leech
Pope
1883

Chan Oct 7/53

Rich T. Leech
Dear Sir.

I have received to day yours of Sept 24. I wrote to him about two weeks ago, enclosing Mr McLeod's answer to the proposal in your former letter. Let you have received it, I now repeat it con=tents.

He is not satisfied with the price which I stated as a mini=mum but asks $40 and refuses to

allow the specimen to be
sent to Phila, unless
you promise to pay $10
for permission to exhibit
it to the Academy, in
event of its not being
purchased.

If you agree to this,
you can have the fossil
at once by remitting the
amount to Mr D. R. McKay,
130 Commercial st Boston, who
now has the specimen,
with instructions to forward
it to you on the above
terms, or otherwise to return
it to the owner.

Lamed very that Mr Best
makes no mention of Psi-
cultophone. The specimen
had he not set so
high a price on it,
I should have purc-
hased it myself and
given the use of it
freely to any competent
anatomist who would
have undertaken the
description of it. He had
formerly been offered $20
for it before I saw it,
and expected much more;
though I supposed until
his last letter that
$30 would have

Satisfied that I do
think never yet
yet giving $40 pr
as in addition to
interest in this ref
it is quite unique
likely to be.

Yours very tru

G W Dawes

J. W. Dawson, Esq. Pictou.

Dear Sir,

I take the liberty of enclosing this circular to you in the hope you may be able to assist me in my present investigations, which I intend to extend to the British possessions in America, in order to circumscribe them within natural limits. Any thing you feel

Dear Sir,—

Having been engaged for several years in the preparation of a *Natural History of the Fishes of the United States*, I wish, before beginning the printing of my work, to collect as extensive materials as possible, respecting the geographical distribution of these animals. It has occurred to me that by means of a circular containing directions for collecting fishes I might obtain the information required. I should, indeed, like to secure separate collections of our fishes from every stream, river, creek, lake, and pond in the whole country, and am satisfied that such collections would furnish invaluable information respecting the geographical distribution of our fresh-water animals. The same principle has already been applied in collecting the marine fishes from Maine to the Gulf of Mexico, the shores of Delaware, Maryland, and Virginia, and parts of North Carolina excepted, from which I have obtained comparatively little. In extending this plan to our fresh waters, I hope to obtain equally valuable results, and would thank you for any assistance and contribution you can furnish from your quarter of the country. I should like to include the crawfishes and fresh-water shells in this investigation.

L. AGASSIZ,
Professor of Zoölogy and Geology in the Lawrence Scientific School, at
Cambridge, Mass.

DIRECTIONS FOR COLLECTING FISHES.

The present condition of our science requires collections made in a very different spirit from those gathered in former years. The naturalist must not only know all the different kinds inhabiting our waters; he must also become acquainted with the changes they undergo while growing, and with their geographical range in different watercourses. To arrive at this knowledge, it is necessary to obtain, separately, complete collections from every distinct water-basin, to select a number of specimens of every kind, if possible so as to include the young, as well as the adults, males and females.* The number and diversity of species found in our waters is much greater than is usually supposed by accidental observers. A variety of little fishes, sometimes belonging even to different families, are almost everywhere used for bait by fishermen, and frequently mistaken under one common name, Minnows, or supposed to be simply the young of larger kinds. Among these, most valuable discoveries may be made. There are still districts in our country where a naturalist may fish half a dozen new species and more of these small nondescripts, in a single creek, within a few hours.† Again, scores of fishes are indiscriminately called Bass, Sunfishes, Suckers, &c., in different parts of the country, which, when compared side by side, prove as different from one another as a robin and a crow. It is, therefore, a matter of great importance for the naturalist to get every species of fishes from every water-basin, that he may have an opportunity of ascertaining for himself how far they agree, and how far they differ, in different watercourses. Anglers and professional fishermen generally know the fishes of their own fishing-grounds much better than naturalists, and from them most valuable information may be obtained respecting the species inhabiting their neighborhood. There is, on that account, no difficulty in ascertaining from them whether a complete collection of all the fishes of any given locality has been obtained. But the difficulty begins when it is attempted to identify the fishes of distant places, relying upon their names for comparison. Such is the confusion of these names in different sections of the country, arising from the use of the same names for different objects, and of different names for the same objects, that nothing short of complete collections obtained *separately* from every important locality will prevent the naturalist from making gross mistakes in his identification of species from remote localities. Few men not trained in the study of Natural History are prepared to believe that even the fishes living in the head-waters of a river may differ entirely from those living in its lower course, and that it may therefore be necessary to make separate collections in different parts of one and the same water-basin. This is still more important respecting distinct water systems. But a complete survey ought to cover the whole ground as soon as possible.

The preservation of fishes requires but little care and attention. Any vessel, jar, can, keg, or barrel, fit to hold alcohol, is also fit for collecting fishes, which may be heaped up in it like herrings in salt. The alcohol used must be of about the

* There are many species of our fishes in which the sexes differ sufficiently to be recognized by their external appearances.

† It has actually happened to me last winter, at Mobile, Ala., and at St. Louis, Mo., to discover six and even eight new species of fishes in a single day.

strength of that of .88 specific gravity* for most fishes; for suckers and brook-trouts, however, it ought to be stronger, their flesh being either soft or very fat, and more readily decomposed. In summer or in warm climates it is advisable to use always strong alcohol to obviate the effects of evaporation. Suppose it is intended to make a complete collection of one of the larger tributaries of some of our great rivers. All that is wanted will be a few jars, such as are used to keep preserves, a barrel of about fifteen or twenty gallons, and a supply of whiskey and alcohol. These may be kept in a cool place, a cellar, or a sheltered recess, ready to receive the fishes. The smallest fishes are best kept by themselves in the jars, and the larger ones in the barrel. The barrel ought to be put upon one head, the other being removed and used as a cover. It will be well to see that the fishes are placed in it in as natural a position as possible, that is to say, stretched out with the fins closed against the body, or at least not unnaturally bent. It is equally desirable to exclude specimens the fins of which are bruised, and the scales rubbed off, unless they be rare species. When the fishes are too long to be stretched across the barrel, they may be gently bent upon their flatter side, and if too stiff to allow this, put in, head foremost, in an upright or slanting position, and then slightly bent against the sides of the barrel. It is useless at first to pour more alcohol over the fishes than is necessary to cover them. Of the smaller kinds of fishes at least a dozen of each would be required for a full and satisfactory examination. Where they may easily be caught, more would be very acceptable. Of those of medium size, about half that number; and of the larger ones, as may be most convenient, one, two, or three. It will secure a better state of preservation, and afford fuller means of study, if a cut is made into the belly of the larger fishes to allow the alcohol to penetrate the intestines. At all events, these ought never to be removed. The knowledge of the local names is very desirable. To rectify the errors of nomenclature now spread over the whole country, the simplest way of recording the name of a fish is to write it with a black hard pencil upon a piece of stiff paper, and to place it under the gill cover of the specimen to which it belongs. Specimens too small to receive such a label may be rolled up with it in a piece of cotton cloth, or any rag. Delicate fishes, with very deciduous scales, would keep better if they were all wrapped up singly in this way in cloth. Any other notice respecting the habits, uses, &c. of such specimens may be preserved in the same manner, or referred to a No. attached to the label of the fish. Should any collector be sufficiently familiar with painting to draw colored figures of any of these fishes, or so situated as to have some of them drawn by an artist, it would be an invaluable contribution to Natural History.

When collections have to travel over great distances, or to be for many months on a journey, it is desirable that every specimen should be wrapped up singly in a piece of cloth; but this is not necessary, generally speaking, for collections which are likely to be taken care of after a short journey.

Those unaccustomed to making collections may occasionally suppose from their smell that they are spoiling, the mixture of alcohol with dead animal matter being rather disagreeable, but unless there is actual putrefaction, no apprehension need be had respecting the safety of a collection, and the removal of decayed specimens is all that is required for the preservation of the remainder, provided the alcohol has the necessary strength of at least twenty-eight degrees of Beaumé, or .88 specific gravity. To avoid losses, it is prudent never to use kegs of more than twenty to twenty-five gallons, save in exceptional cases, where very large and highly valuable specimens are to be preserved. As a general rule, a twenty-five-gallon keg will contain any desirable specimen collected even in our largest rivers, there being always an opportunity now and then to obtain a moderately large specimen of our largest fishes, which when full grown are at any rate too bulky to be preserved in alcohol. Upon small watercourses, or small ponds, an ordinary jar may be sufficient to contain complete separate collections of all their natural productions.

This method of collecting may apply to almost all animals, it being now very desirable to obtain specimens of quadrupeds and birds in alcohol, for the sake of making anatomical preparations. Such specimens require, however, to be injected with alcohol through the mouth and anus, and also into the abdominal cavity. Reptiles may be treated like fishes, as also most of the lower animals. I may say here, that crawfishes and insects, and all brittle objects of Natural History, especially when small, must be treated like the smallest, delicate fishes, in separate jars; whilst shell-fishes, protected as they are by their solid envelopes, need no special care.

As soon as a collection is supposed to be complete, it is best to send it off at once, that it may be taken care of properly, and examined whilst the specimens are in the best state of preservation. Not to multiply the packages, it is desirable to put every thing in one barrel; but to secure their perfect preservation, under such circumstances, a few precautions are required. In the first place, assort somewhat the specimens, in tubs, before packing them, so that the larger ones may be placed side by side and not crush the more delicate ones. After selecting an appropriate keg, placing it upon one

* Common whiskey of .90 to .92 specific gravity may be used by adding strong alcohol, in the proportion of one gallon of alcohol to one gallon of whiskey. Highly rectified whiskey, as it is prepared in some parts of the country, may occasionally do by itself, especially if it has nearly the specific gravity of .88. It is, however, always safer to err by using too strong than too weak spirits. Specimens may be contracted by too strong alcohol, and lose to some extent their form; they will certainly spoil entirely in too weak a mixture.

head, the other being removed, or taking, for packing, the barrel used for collecting, the larger specimens are first put in, in the manner described above; smaller tough ones, such as perches, being placed in the empty intervals, and so on, until all the larger and coarser specimens are disposed of, and covered with alcohol, which is poured in gradually. Upon these, a layer of rags or soft paper is placed, to protect the next layer of smaller fishes, between each of which a layer of rags is to be added to prevent the too close contact of such a bulk of flesh. In this way, a whole barrel of fishes may be packed with perfect safety, like sardines, and travel for thousands of miles, with a comparatively small quantity of alcohol between them. Finally, the smallest specimens, already packed by themselves in small jars, in the same manner as the larger ones in the barrel, may be also packed in the barrel, being wrapped up in rags, and in that condition placed among the larger specimens, or the small jars containing the small fishes may be packed in a box by themselves. Before closing up the barrel, it is necessary to see that no empty space is left; otherwise, even when full of alcohol, the solid contents may move; and for their preservation nothing is more important than to prevent the specimens from jarring when travelling. However, before heading the barrel, it is necessary to draw, through the bung-hole, so much of the alcohol as may be necessary to allow the head to be secured without losing any liquid. After heading the barrel, it is to be completely filled with alcohol. The liquor used in collecting may be used again in packing, provided it be strengthened by some additional alcohol that may give it at least the strength required, as stated above.

After having mentioned all the preparations necessary to obtain perfect collections, I may add, that any rough gathering of a few specimens, taken up accidentally, may be also quite welcome, and highly valuable as a first indication of what might be obtained from a locality the natural productions of which have not yet been studied. A mere catalogue of all the fishes known to the anglers and fishermen of your vicinity, giving their vernacular names, would be very acceptable.

CAMBRIDGE, 1853.

inclined to do, to foster this survey shall be gratefully acknowledged.

Respectfully Yours

Cambridge 20th 7th 1853.

L. Agassiz

d, the other being removed, or taking, for packing, the barrel used for collecting, the larger specimens are first put
in the manner described above; smaller tough ones, such as perches, being placed in the empty intervals, and so on,
il all the larger and coarser specimens are disposed of, and covered with alcohol, which is poured in gradually. Upon
e, a layer of rags or soft paper is placed, to protect the next layer of smaller fishes, between each of which a layer of
is to be added to prevent the too close contact of such a bulk of flesh. In this way, a whole barrel of fishes may be
ed with perfect safety, like sardines, and travel for thousands of miles, with a comparatively small quantity of alcohol
ween them. Finally, the smallest specimens, already packed by themselves in small jars, in the same manner as the
r ones in the barrel, may be also packed in the barrel, being wrapped up in rags, and in that condition placed among
larger specimens, or the small jars containing the small fishes may be packed in a box by themselves. Before closing
he barrel, it is necessary to see that no empty space is left; otherwise, even when full of alcohol, the solid contents
move; and for their preservation nothing is more important than to prevent the specimens from jarring when travel-
However, before heading the barrel, it is necessary to draw, through the bung-hole, so much of the alcohol as may
ecessary to allow the head to be secured without losing any liquid. After heading the barrel, it is to be completely
with alcohol. The liquor used in collecting may be used again in packing, provided it be strengthened by some
ional alcohol that may give it at least the strength required, as stated above.

After having mentioned all the preparations necessary to obtain perfect collections, I may add, that any rough gather-
f a few specimens, taken up accidentally, may be also quite welcome, and highly valuable as a first indication of
ight be obtained from a locality the natural productions of which have not yet been studied. A mere catalogue of
e fishes known to the anglers and fishermen of your vicinity, giving their vernacular names, would be very ac-
ble.

Sandrance, 1853.

Sir, I hope this course shall be gratefully received,

Respectfully yours

[illegible] 20, 1853.

[illegible]

Putnam Sept. 19th 1853

Dr. J. Leidy

Dear Sir

I have just received an answer from Mr McLeod which I enclose. I prefer $40, or $10 for the view of it: Name his terms, will not suit you, as he seems inclined to rise in his demands. Should the Academy be willing to accept his proposal, the specimen

where fast as I can get up here to the Geological society of London, or to your Academy. JWD

Col. Leidy Sept 1853

will be forwarded to you on your writing to Mr D. R. McKay 130 Commercial St Boston, to that effect.

Mr McKay is here at present, and will leave in about ten days. I shall direct him if he does not hear from you soon after his arrival in Boston, to return the specimen by first opportunity. Not case if you should desire to have the specimen here, it will be best to treat directly with the owner, Mr D McLeod, French River, New London, P.E.I.

Yours very truly

J W Dawson

P.S. That the thing may not be quite lost to science, if the specimen is returned I shall send such

Pictou, July 20, 1853

My dear Sir

I presume that Sir C Lyell has informed you that he has sent you box of fossils & me time to have it opened and examined after its long and singular migrations. I have looked over all the specimens and find little that is different from what we collected last summer except a new bivalve shell different from the common modiola of the bituminous shales and limestones. I have however got one fact from a piece of fossil wood which Sir Charles says is worth carrying the box at least twice across the Atlantic. It is a portion of an erect Cordaites over the ~~principal~~

Coal seam No 7 of your section the present Main coal. I had taken specimens of this the last summer but after making many slices could find no structure. A piece of the same tree in your box has in one part well-preserved structure which is decidedly Coniferous, so that here we have an erect pine not felled with saw but converted into a coaly pillar. The structure much resembles that of the prostrate coniferous trunk of which I sent good slices, (prepared I suppose in London) in your box.

I find some difficulty with the specimens in consequence of the reference in your list to the page of your section. I copied

a part from the report you were so kind as to send but did not mark the pages. I returned the report in April and trust you received it. If you have it or any other copy I should be thankful for the loan of it again, more especially as I hope to revisit the Riffins this summer and extend the observations of last year. With your section in my hand I could pass over the less interesting parts without ex-meaning and work at the rich parts alone.

I presume it will be desirable to send again to London those parts of your collection which are of importance to illustrate the part of the section we have examined on material

Copy & Log July 1863

points connected with it.
but I shall be guided in
this as well as in the
mode of forwarding to you
the box itself by your
instructions. Please write
to me on the subject. There
are in the box many in-
teresting remains of pottery
which it will be useless
to send to Britain unless
some one can be induced
to examine and describe
them.

Picton Oct 7/53

Prof Leidy

Dear Sir

I wrote two or three weeks ago enclosing Mr McLeod's answer to your proposal respecting the P.E.I fossil. I have just received your letter of Sept 24 and lest my former letter has miscarried now repeat its contents.

Mr McLeod it appears is not satisfied with what I stated as the minimum price for the fossil, and is unwilling to have it ex-

habited in Philadel
without some guarant
that he will be un

was imparted appeared to me perfect. I shall not attempt to describe it – it could only be fully credited and appreciated when seen. I trust circumstances will allow you to visit Canada West before long & Toronto when you will judge for yourself – I have met few persons whom I esteemed more highly or whose character & talents I more admired than Dr Ryerson. However I must reserve remarks of this kind for our next meeting which I hope will be either this ensuing winter or next summer.

You will perceive from Gray's silence who wrote to have communicated with you before this – that something has gone wrong – in short he has been fighting that manfully for his political existence, but in vain. The old Executive Council has ceased to be – a new Government has taken the reins in their hands and are now driving the State Coach some people say Crab-like that is backwards – but they call it progress.

However you will shortly hear from Gray who will send you the report for your concurrence – but as he is Chairman I will not anticipate

Hon J Saunders
Nov 16th 1860

his course of proceeding - which will be exactly in accordance with your own wishes -

My excursion to Canada was one of the most instructive & interesting that I have made for a very long time. I could however have wished that it had not prevented my being present at your Provincial Exhibition at Halifax - I missed too a great Agricultural show in Canada West which I wished to have been present at.

I wish to have your "Hand-Book of the Geography & Natural History of Nova Scotia" & the Maps Coloured - I enclose 5/. Will you send them by Post - directed to George Botsford Esqr Clerk of the Legislative Council. Fredericton New Brunswick.

Yours faithfully
John Saunders

Fredericton
2d November 1860

My dear Mr Dawson,

I cannot express to you how sincerely I regret that you were not with Dr Ryerson Mr Gray & myself when we proceeded on to the States & Canada - Among the places we visited were Harvard College & Brown University in the States at both of which places we missed you exceedingly - but where I could have wished you most have been, beyond all the institutions we visited, was at the Normal & Model Schools at Toronto - Nothing could exceed the admirable proficiency of the scholars both male & female & the system by which instruction

J. W Dawson Esqr

Letter
A Fuller
Aug/54

Halifax N.S.
26th Aug. 1854

My Dear Sir I should have answered your last kind letter before this time. had I felt myself in a position to say, whenever the formal offer is made I am prepared to accept. I have however now fully weighed all the circumstances of this case and have received the counsel of those in whom I confide & feel it my duty to inform you that I have now come to my decision and am persuaded

from his reasons stated
in your last as well
as others that it is needless
to enumerate, the sooner
the appointment is made
the better —

I have written as much
to Mr. Cleveland, but of
course the Government must
be left to its own judgment
in any interior steps they
may feel it incumbent
on them to take. From
what I have heard they
seem rather inclined to
defer ~~[illegible]~~ his office
till the return of Mr.
Young about the beginning
of October. Perhaps the
simplest and the best
way would be for the

Government to tender the office and get my reply without any formal public announcement till within two months or so of my entering upon the duties of the office — This would greatly relieve my mind and put us in a legitimate position for concerting our mutual plans — It is my earnest hope that the Government are entirely necessary to provide for our friend Mr. Thompson in connection with the Normal Institute. Notwithstanding the many excellencies of our friend and his claims he has upon them I do think it would be much better

of the whole matter of the
appointment, appears
were left open for some
months, that the Principal
and the Commissioners
might have ample time
for deliberation and
determining on the qualifica-
tions necessary for the
teachers to be selected
from amongst those on the
Promise. I should be very
much inclined to defer
entirely to your judgment
on the matter, as you have
had opportunities of judging
of their qualifications beyond
any other —

Mr. Mandale cannot accompany
me to Preston at the time
I proposed, and so our
visit must be postponed
till after the Exhibition.

I shall be
Dear Sir
Yours
A. Fonblanque

Note Mr. Mandale explains

Halifax
7 Sept. 1834

My Dear Sir

It is proposed to have a series of eight public Lectures during the time that the Industrial Exhibition is being held. I write to inform you that you have been nominated as one of the Lecturers. I do trust it may be in your power to comply with the request

of the Committee
the subject of
Lecture is left
entirely to yourself

I am
Gentlemen yrs
Alex Forrester
Chm. of Executive

J W D left for S B
advised Mr T to
Corr directly with
himself at Midnight Mn

A. Tweedie
Sept/64

Albion Mines
22nd July 1854.

My dear Sir,

Mr McKay duly handed me your Letter of Thursday accompanied with the assays of Coals from the Albion "Deep Seam" for which I feel extremely obliged -

With regard to the best bands of this Seam, I quite agree with you, could they be kept separate & distinguished by a name from the other Seam with bring a higer price for domestic purposes but under present arrangements it is hardly practicable to do it. Have you any idea of the prospects for Coal in the neighbourhood of the Landing ground?

Yours
My Dear Sir
J. D. Scott

J. W. Dawson Esq.

Without a particular and detailed being given
the one account of the battle and the grounds
as seen about beyond Murfreesboro at
first three miles of since was
of an in deep in mud & no
Bruce seems of the Yankees the to the
of the other hours — the said was
in the and received on its left flank as
that the he number succeeds the first up
not unless and — the other hour is an
receptive cause — although mayor is for
as fell hair — the near of battery of the
to left the more force and that fortunes
Bens are in the Rebels and battle the it
battery be of some see and of the being and
left behind the that fell a mass

Letter
from Scott
July 1854

Albion Mines
18th July 1854

My dear Sir,

I have much pleasure in acknowledging the receipt of your kind letter of yesterday with abstract of Assays on the Albion "Main" Seam

I have every reason to believe in their accuracy & the consequent valuable information they affords -

If it is not giving you too much trouble I should indeed be glad to receive your results relative to the "Deep Seam" also as I don't find copies here -

I am,
My dear Sir,
Yours very truly
James Cox

J. W. Dawson, Esq.

I would willingly purchase it myself if I could afford to do so; but our members I am satisfied would not feel disposed to buy what they have not seen. Please inform the professor, and upon his granting permission to send it to Philadelphia direct it Dr. Joseph Leidy, but not the number you put on your letter, for this went to another Dr. of the same name.

With respects,

Joseph Leidy.

I would willingly purchase it myself if I could afford to do so; but our members I am satisfied would not feel disposed to buy what they have not seen. Please inform the professor, and upon his granting permission to send it to Philadelphia direct it Dr. Joseph Leidy, but not the number you put on your letter, for this went to another Dr. of the same name.

With respect,

Joseph Leidy.

Philadelphia
August 20, 1853

J. W. Dawson Esqr

Dear Sir,

I have just received yours of Aug. 8; and thank you for your trouble. I would like very well to describe the interesting Saurian fragment, and feel satisfied that the Academy of Natural Sciences of Philada would purchase it for $30., but I would like to exhibit it first to the members. Sir Chas. Lyell wrote to me about it, but said he had not seen it.

Nova Scotia Railway Office.

Halifax May 16, 1854.

Dear Sir

I have shewn your letter to the Commissioners. At a later season when we have determined in what directions East and West to lines are to go, a geological survey will be valuable. At present nothing has been decided beyond the head of the Basin. I will communicate with you as soon as the

J. W. Dawson

Board deem it prudent to recommend such a step, but the Mineral Treasures along the portion we are beating cannot be very great

Yours truly

Joseph Howe.

Letter
J. Brown
May 1854

My dear Dawson

I fear the new Superintendents will be no great hands at selecting Books. Send me a list along for 1857 and catalogue

Yours &c

27 Jan[illegible] Joe Henry

Letter
J Howe
July 1855

Letter
Eichstadt
1843

J. John Henfrey

Nov. 30. 1843

My dear Sir,

Mr Bennett has handed me a specimen of mineral which he has discovered lately, & requested me to forward it to you, presuming on your kindness on former occasions, & the expression of your desire to have further samples from hence – A small portion of this was sent to Messrs Taylor & Sons, London, who

pronounce it silicate of
copper with native silver,
& as a rough estimate
pronounce it to contain
4 per Ct. of silver — Mr Bennett
says he sent a piece some
time since to Mr Rushworth
who handed to you, but
has never learnt that it
reached you — The red spots
appear to be oxides of silver —
If you have any means
of testing the proportion
of silver it contains, Mr
Bennett will feel really
obliged by your informing
him, or through me, the

result of your investigation, and at as early a period as you can conveniently examine it –

You are perhaps aware that Mr B. had a practical miner out from England last Summer inspecting his lead and copper lodes – which, however, the Engineer pronounced to be in such hard crystalline rock as to make their working most expensive, & unadvisable ——— The present specimen is from a rare Cornish locality, and is

reputed to be in curio-
dicable abundance —

I still cherish the hope
that we may, at no
distant day, have the
benefit of your valuable
services in making a
mineralogical survey
of this Island — in which
I am confident there
abundance of most
valuable minerals.

I remain Believe me
My dear Sir
Faithfully Yours
W. Dawson Esq. E. M. Ames

Philad. Sept 24, 1853

Mr Dawson,

My dear Sir,

I have heard nothing further in relation to the saurian fossil of which you wrote to me. I hope it has not been sold to go out of America. Can it not be sent to Philadelphia? I can assure the professor of the price asked for it, thirty dollars, although I could not have obtained the amount from the Academy without having first exhibited the specimen. If he does not feel disposed to part with

it without first receiving the money, when I hear from you I will advance the amount; or as you proposed you may draw on me for it.

With respect,

Joseph Leidy.

P.S. I would have written before, but left town for some time; and on my return expected to see the specimen –

L.

Direct,

Prof. Joseph Leidy
Ac. Nat. Sciences.
Philadelphia.

Letter
J Leeds
1883

Halifax 9th Jan.y 1874.

Dear Sir,

I take the liberty of soliciting your opinion and advice relative to a matter connected with the public service.

I propose recom=
=mending to Government the propriety of giving each of the county surveyors a small

salary

salary in addition to their pay for surveying — to enable them to devote a portion of their time in aquiring information relative to the general physical, Geographical & geological character of their counties.

You will perhaps laugh at me for supposing that county surveyors, are all at once to be converted into botanists or geologists; I do not mean that they

1 What rocks appear at the surface, or in cliffs &c. The quarrymen & solid rock not & loose proper speak. Mark the localities on the map and send ~~specimens~~ small pieces as specimens.

2 Spots where one kind of rock ceases and another begins or no more is seen. As for example where granite ends and slate begins or where slate ends and limestone begins. This very important towards such places as coasts or river lines. Mark it thus Slate | Granite

3 Places where beds of limestone gypsum, coal, freestone, granite or other useful minerals are seen in such quantity that it could be mined or quarried. Specimens should be sent. Beds that are now quarried or mined should be marked thus +

4 Any vein or bed of iron ore or any mineral or crystals send specimens marked Nos 1 &c.

with the place where found also marked
on the map.

can — yet some of them
may be stimulated in
that way — I am of
opinion however, that
many valuable facts
may be accumulated;
particularly regarding
the rocks &c. that compose
the soil and subsoil, that
in the hands of a —
scientific man would
~~enable him to~~ be useful
and enable him to a
certain extent to know
its value and use

I

I therefore beg to solicit your assistance and advice in this matter as regards the extent and kind of information it would be wise under the circumstances to request, provided the idea could be accomplished.

I am
Sir
Your Obed.t Serv.t
W. A. Hen[illegible]

Albion Mines
13 March 1854

J. W. Dawson Esq.
Dear Sir

I was down in the Dalhousie pits last week to examine the old Fall coal
At the face of No 19 or the Crop Bord we had pierced up above the present working of J. 3 high, and found the Bituminous Shale 2.6 thick; the fall coal above it only 2.6 thick and a general dip 24 degrees.
In No 14 Bord a piece of soft duffy coal crosses the Bord in a North and South direction, four feet in width nearly vertical; a common blow with a pick would penetrate into it from 4 to 6 inches – the coal on either side is hard, and the seam appears a little higher on the west side.
In No 9 Bord from whence the samples were forwarded to you, the Bituminous Shale is 1.6 thick, then Coal 1.0 dip 24 degrees, then shaly stone 4 In; then roof coal 1.9 or total 4.7 above the J. 3 Coal. The J. 3 coal has now turned harder to the north west of this point, and looks worse than the samples sent to you.
In No 1 Bord at the face the Bituminous
Shale

Shale dips 28 degrees and is only 1.3 thick
and the fall coal above good for only 9 inches
a foot: Averill will give me a correct meas-
ment as soon as he gets the plan squared
This looks as if we were not going to get
much more good coal to the North west; a
the inferior coal comes into the workings
nearly dip and cap direction, while we
hoped that it would have at any rate no
changed until it passed under the
Sandstone

I remain
Your's truly
Henry Poole
Agents

Albion Mines
16 Feby 1854

J. W. Dawson Esqr

Dear Sir

I have your note of the 14th
d when you have examined the specimens of
e I shall be glad to receive your Report.
ow send you five samples taken at one foot
istances from the coal worked 9.3 high at the
e of the Leading Bord in the Dalhousie pits
which overlies the samples sent in the
cutting: Gorrie thought this coal was too
for shipping; which caused us to attempt
work the underlying part of the seam

Yours very truly
Henry Poole
Agent

Albion Mines

28 January 1834

J. W. Dawson Esqr

My dear Sir

I have received your's of the 27th and was sorry to hear of the death of Mrs Dawson, I had not previously heard of her being unwell. I hope Mr Dawson is pretty well. Has he heard any thing from the Insurance office respecting the Powder damaged in the Catherine? The Board have credited these Mines with the full value of the Powder, and therefore the proceeds of the sale at New Glasgow £ paid to me by Mr Dawson are transferred in our books to his credit; and I suppose the best way to close the account will be for me to send your father a cheque for the amount.

I send you another package of samples of the Coal containing at 1 foot distances down the seam below the samples previously sent; but taken in the cross section of the Board No 1 most in advance to the North West, and under the Sandstone; and about 80 Yards to the dip of the strike of Nos 8 and 9 Boards.

I remain My dear Sir

Your's very truly

Henry Poole

Agent.

Albion Mines
26 January 1854

J. W. Dawson Esqr

My dear Sir

I send you part of the Samples which the Board wish you to examine and report upon.

The accompanying Journal of Section of Coal seam shews the position; and represents the part worked and coal sold during the past season. There is the 3 ft. Dall coal above the Shale No 1 not worked, and No 1 represents about 3 ft. in thickness: the samples of the continuation of the seam shall be sent by next opportunity; as well as samples of the "Deep seam"

No 1	Shale	in No 9 Board roof		
2	Coal at	1 ft.	below roof	
3	do	2 "	in No 8 Bord	
4	do	3 "	"	
5	do	4 "	"	
6	do	5 "	"	
7	do	6 "	"	
8	do	7 "	"	
9	do	8 "	"	
10	do	9 "	"	

Remain
My dear Sir
Yours very truly
Henry Poole
Agent

Albion Mines
28 February 1834

J. W. Dawson Esqr
My dear Sir

I have received your letter of the 27th inst. enclosing your voluminous assay of specimens of Coal taken from the Main seam of the Dalhousie pits; which I trust will be satisfactory to the Association and also assist us in the advantageous working of those pits. Unfortunately the Shale No 11 makes a very bad roof (it is about three feet in thickness) so that we cannot work the coal close up to it. I hope we may be able to devise some plan of working the coal in sections so that we may be able to obtain a greater proportion of the seam than we do at present.

I do not think your charge unreasonable and will settle it the first time that I am in Pictou.

I now enclose samples from the Deep seam taken near the bagpit; we are working 10.2 ft. in from the pavement in height, and rejecting about 20 inches at 3½ ft. from the pavement. I fear this coal is not as good as from the main seam

I remain
Yours truly
Henry Poole
Agent

Letter
H. Poole
Esq 1/53

J. W. Lawson Esq
Preston

with a Parcel

Sydney Mines 4 Jan
1855

My dear Sir

I duly received your favor of the 27th and immediately wrote as you requested to Sir C. Lyell. I state he rejoiced to hear of your success although at the same time I cannot but regret your departure from the Province. Believe me nothing could gratify me more

them to be of use in
forwarding your views
in this matter.

I shall be very glad to
give you any information
I possess in completing
your Map of Cape Breton
- When you send it
please mark your own
observations thereon -
I have a list of fossil
plants of the Coal formation
here - probably nearly
100 identified species -
if it is worth publishing
in your work it is

quite at your service.
I have several other
Plants which I have
not been able to make
out yet –
I have got four
Subscribers for your
Canadian Geology and
expecting for more –
The Box of Gas Coal
from Lingan has been
waiting some time for
an opportunity to send
it having unfortunately
missed the Steamer to

to Halifax -

Jemima Dean has

given very trifling

R. Brown

R. Brown

Jany/55

Letter
A Fowler
1835 Halifax
N. S.

My Dear Sir

I was some
longer in the Post Office
than I intend you
last communication
date on Tuesday - It
was too late to
forward your testimonials
by Packet - I wonder
have asked you yes-
terday and to-day to
let me know when
you wrote me to send
Mr Edmond but
the letters are not in

operation – I thought
the best person I knew
to forward it to the
proper quarter was
Mr Chambers, so I
sent it to his care
feeling it was its proper
destination to be of
some service – Almost
all my old scientific
friends in Edin. are now
no more, but by the
kindness of Mr Wrightson
& a few as well as
two or three who
may have some influence
with the Town Council

I have written Prof.
Sheldon of the
Moral Philosophy Chair
an old College Com-
panion of my own
and if I am not
mistaken, he will
attach some weight
to a certificate from
me on such a subject.
I have also written
my highly esteemed friend
Dr. Greville with whom
I used to be
Potential Ex-cursions.
I know Principal Lee
and also Dr. Mott. Lee
of the University of

Edin. but I could
not possibly find
him to write them
if my story is made
by him smaller
would be forwarded
your views but
now —
Then a boy in the
Post Office and
letter by steam
dept. so before
get it — this held
cudgel annoy
to me — Open letter
Anderson that I could
possibly write him
night Dear — Yours by
Alex. Fom

Rev A Fenetz
Jany 1835

Halifax
20 Jany, 1835

My Dear Sir

I am returning the Academy Documents you send enclose you two dbs —

By last Mail I wrote Principal Lee of the University of Edin. on your behalf — I don't know Dr. Robt Lee by intimately and I wrote by Brother-in-law, a great friend,

and asked him to speak
a kind word for you —
I also wrote Sir John
Shelstaggert Member
for the Bagtown Burghs —
and Cousin of Mrs G — and
a great friend and
supporter of Lord John
Russell — requesting him
to support Sir Charles
Lyell's application on
your behalf — but unfor-
tunately his letter did
not go — It shall be
forwarded by next Mail
but a stone should be
left untouched — "In great

attempts to glorious
even to fail." And
should you be unsuc-
cessful now, your
applications may be
of great service on
some future occasion
So I am at last
engaged — May the
Lord prosper the
appointment! Should
I keep my health I
hope some hope of
being able to do some
thing for the promotion
of the cause of education
in the land of my

Adoption - I should
like to have some
conversation with you
on several points - do
you see any prospect
of your being in Hartford
within a month? - If
the weather be favorable
I shall come once
more to his town
a fortnight - I presume
the legislature will do
as little as it possibly
can in the cause of education
this session, and perhaps
it may just be as well
but I must be off to
my preparations for 6 -
Yours truly
H. Barnard

Sydney Mines 31 Aug
1855

My dear Sir

I duly received your Note of the 3d and subsequently the 10 Copies of your Acadian Geology which I have distributed amongst the Subscribers and now enclose the amt. of your Bill £4.0.0 Cy – The book is just what I expected from your able pen – it will be both instructive & useful to those who are fortunate enough to possess it – You have given me credit for more assistance than I

can lay claim to –

I hope it is true as reported that you have obtained the Presidency of McGill College – It is I presume an office quite suitable to your taste although perhaps not so lucrative as the Edinburgh Professorship

I remain Dear Sir
Yours very truly
R. Brown

Please acknowledge the receipt of the money enclosed –
Four 20/. notes –

Acknowledged
J. L.

Letter
R Brown

Toronto Dec. 12, 1884

My dear Ki,

I have to apologize for not having answered your esteemed favor & enclosed you the amount due you at an earlier period.

But

But a somewhat protracted journey to Quebec & confinement to my house for some days by cold, have prevented me until today from resuming my duties in the office.

I regret that the Clerk, acting upon the letter of your instructions, has debited 10/ from your account for the Jour. Ed., for which I intended to make

no charge. But I hope to be able to compensate you in some other way.

I have not yet opened the box of Specimens, &c; but I have say they are all right.

I trust ~~the~~ my Draft of our Report has before this been endorsed to you & I hope I have, for the most part, anticipated the practical suggestions of your letter. It is to be hoped that the recent change in the

N. B. administration
of Govt. will not affect
the results of our
deliberations.

I regret being unable to
write any thing more
than this hasty note.

I shall be gratified
to hear from you, &
still more gratified to
see & entertain you
at Toronto.

Yours very truly

E Ryerson

J. W. Dawson Esq
Pictou
N. S.

Sydney Mines 15 Jan 1855

J. W. Dawson Esqr.

Dear Sir

I have received your favor of the 11th and will return you the Map of C. B. with all the information I possess as soon as possible –

I have sent up by the Osprey to Halifax today a small box of Lingan Gas Coal and requested Messrs Cunard to send it on to you by the Stage – The three layers or beds are separated – the whole seam is about 8 feet divided by two thin partings of black shale into nearly three equal beds – The Halifax Gas Co. have used 40 chs. and approve of it, having got more Gas from it than was obtained by Dr. Chilton whose assay I think I sent you.

They say the Gas is superior in quality and the Coke good and would prefer it to Picton, although it is not so good for fuel, requiring about 2 Cwt extra for each Furnace every 24 hours - It also requires more Lime for purifying -

I will send you a list of Sydney Coal Plants very shortly I remain

Very truly yours

R. Brown

Letter
R Brown
Jany/55
Sugar cane

quantity
nace ex
ane Lim
d gne

J. W. Dawson Esq.
Pictou
N. S.

at Toronto
July 155
9

Truro
9th July
1895.

My Dear Sir

I should have written you some time ago, but I have been so thoroughly occupied getting rid of the Convenership of some half dozen Committees & Presbyteries &c. While

as preparing for
my town by besides
than that I have
not had a moment
to spare — I presume
Mr. Mulholland
has apprized you
that I have intimated
to him my intention
of recommending him
to his Governor
in Council, as
Mathematical
Teacher in Normal
School — I am sick

undecided in reference
to the Secretaryship of
the Congressional de-
partment — Our
friend Thompson
has refused — I
am just now
corresponding with
Mr Randall on
the subject. All
things considered
he is perhaps the
best I can get
but we shall
talk over matters

When I am at
Piston next week
your Edinburgh
Journals have been
forwarded to Montre-
al, and, I under-
stand, as soon as
it is seen that you
are not, thereon for
the Chair in Edin-
burgh University, his offer
will be made —
Meanwhile his Governor
written you in reference
to your book &
with best regards to
Mrs D — and yours &c
Yours very
A. Fom

Syra
22nd July 55

My Dear Sir

I have just rec.d your letter in Re Scholarships and return you the Scale wh you have forwarded to Dr R. And wh. he sent me. The other I sent the last to Rupert. – As an additional Scale suggested by you

It would be well
Thompson - You should
forward it to me
be such a way as you
deem it best with your
friends - And I
will thank you to take
Dean Swift and
substitute - I will
take care of your
Copies - when the
Report is published

Mr. Spencer et wife
are doubtful after spe-
aking of Doran

Very truly yours
and much thanks

F. A. Gray

The Legislature
Meets on 1st Monday

1881
Ky Leg 1886

53 Harley St. London
July 20 - 1855

My dear Dawson

Your telegraphic message arrived I think a week before the steamer which was three days after her time owing to head winds & the day I got the news of your standing she sent me word to Mr Black (ex provost of Edinburgh) as a person who was active in the matter to let him know that you were a candidate. To all other matters, the sending the letters to Sir J. Richardson (a friend of mine) &c &c all attention will be paid - I cannot help hoping that the steps

you have so promptly & judiciously taken may be of use to you in some way even if not successful now when it is evident that some half dozen of eminent men almost of European reputation & dozens more of respectable candidates are doomed to disappointment.

I believe there never was known such a competition. But for this I should before have urged you to come here but I did not feel justified when so many men such as Owen & J. Phillips were mooted & I could not for a time learn whether they would decline & when I heard every day of some formidable rival really standing.

There has been a great curiosity & suspense to learn whether

again would respond to the invitation sent to him by some Edinb. friends & admirers. I was assured by scientific authorities at the last meeting of the G. Soc. that the same mail which brought us your letter conveyed to Scotland a formal response from him. Still I feel by no means sure that this is true – Meanwhile some of those who are in their field or their Edinb. friends have been most industrious in spreading the rumor of H's want of orthodoxy on the there having been more than one Adam & Eve. But tho' such insinuations of the narrow minded in the north might tell there I could fain hope they will have no effect on the Government here.

Sir R. Murchison has exerted himself for Prof. Nicol & the party who are strongly against this move go I am told for Huxley – Some are for Dr. Fleming

Sons for Hugh Miller &c. Dr
Johnston is one of the latest highly
qualified naturalists who has come
forward. I could give you a long
list & when I tell you that Sir
W. Jardine a Baronet of large
landed property & orthodoxist &
a peer Lord Teignmouth, an
author on Scottish scenery, are
candidates you may imagine the
crowd between them & the most
known, that have started –

I have so much to do to
day that I may not be able to say
more but that you certificates are
very good & that the drawback of
not being personally known to me
here could only be got over by a very
& that under the circumstances of such an
extraordinary competition will be scarcely pos-
sible. I will let you know if any
turn of affairs occurs. One spin pic
in the Sutherland forest was very well
& discussed at the Geol. Soc. I have

expected to be in Berlin long before this but shall not get away from town for some weeks. Tho' before I can get an answer to this which however requires none — When you first started Huxley, Fleming, Nicol & H. Miller were I think alone in the field, now their name is legion — owing partly I think to the accident of two elections coming on so close the one after the other —

I have written to Sir J. Richardson — about you.

My address is 53 Harley St. not <u>Upper</u> Harley St.

With best wishes ever

Yours truly
W. Chadwell

Mr Young's & other testimonials are excellent I only

Lyell Jany 20

half regret it is for so
different a goal, though I
really should be at a loss
what horse to bet on,
as they say on the turf; I
found so many people quite
sure about their own favourite
& many of them, names I have not
alluded to —

C L —

Montreal Canada March 13th 1847

Dear Sir,

I received from you in November last a note requesting me to send a copy of my Pal. N.Y. 2nd vol — which by the way does not include any Devonian fossils — I sent the volume about the middle of the same month, but leaving home at that time your letter was left unanswered and it has escaped my notice till recently.

I hope the volume may be of some use to you in comparing your fossils — If I can aid you in anyway in this respect I shall be happy to do so —

I am now here assisting Mr. Logan in the arrangement and naming of the fossils of the Canadian Geological Survey.

I believe I am still delinquent in the matter of the names of those fossils you sent me sometime since – I recollect aught they were some rocks higher than I had investigated and therefore felt some hesitancy in giving them names before a more critical examination and comparison. –

I hope the book may have reached you long before this time.

I shall return to Albany in a few days.

I am with much respect

Very truly yours &c

James Hall

4. 9
10
47. 6

7. 6

2. 7. 6

Jas Hall
March 1[illegible]

Fauna

16. 8
16. 8
6. 3
39. 7

2 M

Dr Ryerson
Jany 1/55

Toronto,
Dec. 28, 1854

My dear Sir,

Your valued favour of the 9th inst. came to hand yesterday; & I am glad to see you concur in the Draft of Report.

I have endorsed to Mr Gray your varied Programme of

W. Dawson Esq.
Pictou

Scholarships, expressing my concurrence in it. But the annual value of all the Scholarships is £450, instead of £250, as you will perceive by recalculating that the Scholarships of the 1st & 2d years of the General Course, & those of the 1st year of the Special Course, will be filled up annually by the new competitors, the same as the ~~other~~ Scholar=ships included in the

columns which you have added up.

I shall be happy to add your forthcoming work to our list of Library books; & shall be glad to learn at what price you will furnish it per copy, when not less than 50 copies are purchased at a time.

I hope you have ere this received my letter in reply to yours, & ~~my~~ the Cheque for the Specimens.

J

I am most anxious
to see you in London.
I desire to present to you
most cordially the
compliments of the
Season; & believe
me, My dear Sir,

Yours very faithfully

E Ryerson

Saint John
May 15th 1855

My Dear Sir

Thanks for your note of the 8th. I have been so much occupied with the Court and legal business since the rising of the House - that I have barely had time to read several of the letters I have received

Much

Much less reply to them
Nothing could have made
a more favorable recep-
tion with the public than
our Report - And I
feel an abiding confi-
dence, that tho' we
decline upon just now
it will lay the founda-
tion in a short time
of an Excellent System
of Education for this
Province - Next Lun-
— tes

-ter - it will probably
be taken up by our
Legislature - & I endea-
-vour to explain
our policy - as simply
and as plainly as I
could - entirely abstain
-ing from any attempt
to dilate or expand
or become enthusias-
-tic on such a subject
as our bill might -
I had but just seen
the report of my speech

the day I got J. Allen -
and it rather puzzles
him to know how you
got it - I can't say
that it is very faithfully
reported - for that the
language is such as I
would desire - but with
some exceptions - the
substance of my remarks
is there - and perhaps
for practical use in
the Rural districts it
is quite as well as
if it abounded in

them finished sentences
or even polished pe-
riods & the subject is
one of such importance
to the whole Colonies in-
deed - if our Report did
be carried out - I think
it might be adopted
as a model any where
Dr Maryland's letter
is very beautifully wri-
ten - and with much
feeling - and I thought
that there would be
Yours

at the Battle
I can only pray
this to clear hands
of your success in
the Contest for the Chair
at Edenburgh — but
perhaps you are asking
may yet be to benefit
your Country and
Government —
I hope he may yet

Again has an
opportunity of fur-
thering the wonderful
cause in some great
Cause having for its
object the amelioration
of our people and
the advancement of
our Country —
I shall always feel
proud of such a
Coadjutor —

Peter

P H Gray

Dear Mr Adams

Very faithfully

Yrs

J. H. Gray

W. Adams Esq

Porter

Halifax 25 April
My dear Sir 1855

I am obliged by your late favor & have waited with some anxiety for the issue of your application. Whether it succeeds or not it is always honorable to have made such

L W Dawson Esq

an effort to have been
so sustained. The poet
Ve Vinou said boast-
ing of his here "machin
excidit auris."

You may rely on all
Friends have my
cordial support to that
of the Govt. if it retain
power in his educational
movement. Respect
much from his activity

great & thus a Cara-
field before him. The
College question in
N. Brunswick. Thought
seems to have done the
Govt. no good. It is
said to be rather shaky.

You will have
heard of course that
the Elections are to
come off on the 22 May.
In Yorn our County I

fear you are bent on
destroying yourselves.
Could not Geo McKenzie
or yourself unite the
scattered elements of the
Liberal party & form
a body wanting to complete
the division that the
Picton Liberals should be
found supporting Hyde &
the Gerrymandering Association.
But this for my stamping
will not avail. Believe
me Yours Truly W Young

Richmond
April 7th

My Dear Sir

We have had the College Report up two or three times. No man has ventured to assail the system — but nothing will be done this year —

Yours

Hon Gov T. Am not
Exactly a great and
will do nothing
this session —
I am sorry for it
but next year —
Write down to
Hon — Julian &
the publication should
take the name in

Lack of preparation
and urging them
at present —

I sent you in
great haste.

I mailed you the
other day some Reports
it greatly is hoped
I shall hear of
your success at
Edinburgh.

Yrs. truly

J. P. Gray

Letter
Old Gra
Ap 1[illegible]

Sir C Lyell
Feby 1835

Dover. Feby 24th 1835

My dear Dawson

I think I told you in my last that I was sure Ld Palmerston would never read a single certificate & that I had at last found out that he referred it another last time to the Lord Advocate of Scotland, Sir J. Macneill whom I know. I accordingly wrote to him (Sir James) to ask him to see me & called on him but he was not in town & had not returned from Scotland when I left yesterday — I have written two letters to him & begged him to look over your certificate & two of your letters to me — I also talked with the Duke

of Argyll who has taken much
interest in the matter & was I be-
lieve in favour of Mr Huckley
until he retired.

In the midst of all this a minis-
terial crisis caused Ld Palmerston
to exchange the Home Office
for the Treasury & Sir George
Grey with whom I am al-
ready acquainted became Sec. of State
in Ld P's place. I immediately
sent to him (whom I could
trust) Sir E. Heath's certificate
& a copy of Atty Genl Grey &
the printed list of your works
all of which he read & re-
turned at me an answer pro-
mising to pay due attention to
your case & claims amongst all the

other — I was to have had a meeting with him the day before yesterday when lo! another ministerial crisis, Gladstone & other guy out! Sir G. Grey was at a cabinet Council & I could only take him to Scotland Sir Robert Bruce — But he went into the case — Now the question is whether Grey will turn out of the Home Office —

Hearing from Sir H. Dale Bruce that certificates are often lost in the Home Office I got him Sir Henry to take charge of all the certificates & diplomas in my absence (for 6 weeks) & referred the Secy of State the Ld. Advocate & Other to Sir Henry — I took a copy of Sir E. Heath's letter having sent the original to Sir G. Grey

& put the copy with the other
documents ~~with~~ in the parcel
left in charge of his Sol.
Declaration -

Possibly when I return
to London I shall find the
chair not filled up. If Mr
Horner had not been so old
I know he might have taken
charge of the certificates but
Sir Henry is much more acceptable
in Germany St, & an official
man. Had you been personally
known to Sir Henry it wd have
removed many natural & unavoidable difficulties -

The Scottish Rep. seems
hasty but written a warm and
hole in your favour preceded
by an illbred attack on Lord Derby
has well suited I fear to the

Prejudices of most of the Edinburgh Politicians

Somerset House

Dec. 18/54

My dear Sir

Yours of the 5th has just reached me enclosing the signed obligation. –

The other documents we will forward to Liverpool as you desire –

With regard to the fragment of bone & the famous scales from the Stonesfield slate, Prof. Owen says that if you have an opportunity of sending them to England he will

examine them with pleasure.
They might possibly be of service.
Your note on the finding of the
skull was read Nov. 1. & will
be printed – with a note by
Prof. Owen about the teeth &c.
He has not however yet fully
examined them.

You can at any time apply
to the Council of the Society for
permission to use the wood blocks
you refer to, or to have casts

often, as may be most convenient to all parties. You should send the list of the cuts (with full reference to the vol. & page of the Journal) - and I have no doubt you will find your request granted - with the injunction that due acknowledgment of the source of the cuts be made.

The paper on the submerged forest was to have been read last Wednesday evening - But it was postponed for want of time. Probably it will be read on Jany 3/55 -

wishing you a Happy new

I remain

Yours Truly

T. R. Jones

Capt. & Asst. Sec. of

To Wm. Dawson Esq

Ft. Smith Ark

Dec 1864

53 Harley St. Lond.
Dec 29. 1854.

My dear Dawson.

The post is to go to day & I write to say that the number of competitors in the field increases in number rather than in quality. It seems pretty clear that the Chair will not be divided, & many say that Dr Fleming is the fittest man as having given ville credit of courses, as free-kirk Prof, in Edinbg, covering the same ground, whereas Mr Hugh Miller is not strong enough in Zoology Proper. Others object to Dr Fleming because they wish a young man & say that Huxley is a good zoologist & might become a geologist. Some are for Prof. Nicol. Professr Owen, Dr Carpenter

& Prof. Phillips have all declared, I am assured on good authority, that they would not accept it.

When I was talking to Sir Henry DeLa Beche about you he said Dawson would do more good in the field on our Scotch Government Survey, if he could afford to take it. I have had so many of my best men bribed away to India Australia & ~~Canada~~ & now I have just lost Wiley who is to have £1000 a year at the Cape. I replied "But you could only give £250 a year to Dawson for some years & he has a wife & family. otherwise field work will

your corps to work with & your Museum & the power of publishing original observations at the expense of the nation, with illustrations & even his speculations. & all under his own name and he for his education & better than a the chair at Edinburgh" —

"Certainly, said he, for that chair in the present state of science is a false position for any man however accomplished". but before you write to Dawson I must enquire how far the new Treasury minute affects my new appointments, for I fear I cannot begin with £200 a year even (exclusive of travelling expenses)

A few days afterwards Sir Henry told me that the new regulations gave me £1 seven shillings a day for 365 days in the year for 1st year, 8s for 2d year & so on for 4 months after several years to

Lyell Dec 27/59

£250. So that except as a va[illegible]
ground from whence after it lost
possible scientific education a man
might afford other fools
it could not be thought
Satisfy by a young man who had
Form independence.

Sir H. has the reputation of
never choosing badly & he told
me he shd. require no certificates
etc from you — I suppose I
could not yet have heard from you
since my first letter
Sir Fleming estimates the
value of the Edinbg-chair as
under £900 a year & the
medical school diminishing annually
to other rival good one rising
Sir Henry is afraid that
Huxley may get the chair but
I doubt it must this be
a great lottery — He wd be
top of the Geology corps in London
century

Yr Cha Lyell

Halifax 5 Jany 1855

My dear Sir

On Friday & Saty I was engaged all day in Court & having anticipated your wishes respecting Sir Gardiner Lady promise of his certificate which I could not obtain however in time to send with my over ur in time for you

to receive & return it
for the mail of Thursday
night. I telegraphed Dyson
therefore on the 2nd to
whom shall enclose
Sir Gaspard's further
letter "was disappointed
in having no answer yes-
terday morning. I thought
at the time of inclosing
it yesterday to Sir Chas
Lyell explaining the
circumstances but
doubted the wisdom of
taking this upon myself

as you had not stated
what Chair you were
aiming at thro' Lady
your idea on that head.
As it is I can only
enclose you Sir Gaskoin's
recommendation now
I hope it may serve
you by next steamer –
I have not yet done I
handed him this morning
The English boat arrived
yesterday during the night.
Weather fine good
bye & believe me
Yours always
W. Young

to receive & return it
for the mail of Thursday
night. I telegraphed Dyson
therefore on the 2nd to
whom shall enclose
Sir Gaspard's further
letter "was disappointed
in having no answer yes-
terday morning. I thought
at the time of inclosing
it yesterday to Sir Chas
Lyell explaining the
circumstances but
doubted the wisdom of
taking this upon myself

as you had not stated
what Chair you were
aiming at thro' I had my
own idea on the head.
As it is I can only
inclose you Sir Gaskoin's
recommendation now
I hope it may serve
you best Steamer -
The note will arrive I
handed him this morning.
The Euchist boat arrived
overturned during the night.
Best wishes to your good
Lady & believe me
Yours always
W. Young

Wms 1888

Sir C Lyell
Dec 18

53 Harley Street
London Dec 18. 1854

My dear Dawson

Since I last wrote to you the number of candidates who have entered the field for the Edinburgh Chair or who have been talked of or started by their friends without their consent or written to & advised to stand is quite unprecedented in the history of this or any other chair vacant in Great Britain: the fact is that the éclat given even during 6 months by Prof. Forbes to this Professorship & the promise or almost certainty that in his hands it was going to be worth £1600 a year has made the Edinbg people ambitious & persuaded very erroneously I suspect that their chair of Natl. Hist'y is one of the most profitable

if not actually the most valuable in Europe. So some have written to Agassiz others to Professr Owen & others to every other man of note, among others Professr J. Phillips son of Oxford proposing to them to try for the El Dorado. Phillips has positively & finally declined. There has been no time for an answer from Agassiz, tho' I can scarce doubt it will be in the negative. & Owen I am told has complained of the Journals saying he has started. But whether he has or has any idea of it I cannot say. At any rate he may wait to see whether the Report be true. The there is some thought on the part of the Government here & the Editors of

both of dividing the chair –

I hardly expect there is any real chance of such a division for there would be no endowment for the Geology Mineralogy & Palaeontology – The medical students who have compulsory lectures course already could only be forced to go to the Zoology & the Rocks & Minerals would be deserted – They who are for dividing the chair have proposed on the Government Hugh Miller for the Geology & Huxley (the successor of E. Forbes in the Gov.t School of Mines) for the Zoology &c. The claims of Dr Fleming for the undivided chair are great as his range of knowledge is very considerable. I can say the Lord Palmerston declared last term that he would

hear of no one who was 70 years
old, what I believe was age
Dr Traill aged 75 & not age
Fleming aged 68. but where
think might weigh against the
At all events many would incl
t a younger man -- I see no rea
in all this why you should
persevere - Many have proposed
Carpenter & others deputed
he is a Unitarian a reason
I hope would not weigh a
a man of irreproachable chara
& high moral worth - But in
age of theological bigotry a man
better believe nothing than believe
unpopular sect if he wants to
in taking to account in the ma
High Mullen's Free-Kirkism
an obstacle will soon - The Gov
ment it is said are resolved not

to be in a hurry –

If you have any idea of having an English or Irish or Scotch Nat. Hist'y Professr. at any period it could do you no harm getting testimonials now. No one candidate at this moment is talked of as likely to be the man –

The question of dividing the chair makes every one feel at sea –

Sir William Jardine Bart – of considerable landed property has entered the

(3)

field in good earnest.
I have not heard that
he is thought to have
any great chance —

Yours in
confidence
confidently yr
C. Lyell

I happened to be in the chair
at the G. S. last Wedy. the 2nd
when V.P. & I prevented
your paper on submarine
forests from coming on as
No. 5. late in the evening
when all were tired, so
I suppose it will
be read next time.

CL —

Sir C Lyell
Feb 2/55

53 Harley St London
2d Febr 1855

My dear Dawson

Mr Brown's letter has reached me but Logan's not yet — The certificates are ample & you need be satisfied. Of course I have not given Sir E. Head's to L.d Palmerston. It is open but with a large seal to be fixed when I deliver it. L.d P. is said to have been obliged to have 20 large extra boxes made for unanswered or unopened letters on Home Office matters even before the ministerial crisis & when Mr Horner went to complain that three letters on urgent official business remained as many months unanswered the under Secy said the

his chief (L. P.) had just dived into
the box & found a letter written
two months before begging for a Home
Office order to a clergyman to bury a
corpse which he refused to do because
the man had never been baptized!

But I learnt 2 days ago
that last time L. P. went chiefly
by the advice of the Ld. Advocate of
Scotland & as I know him per-
sonally I shall keep the letters
& certificates for him—

I am corresponding with
Prof. J. Forbes & am glad you wrote
to him— It seems that a letter
came from Agassiz declining but
that his proposers do not give him
up— whether they are willing to do
so or whether there was any dis-
tinct in his answer I cannot as yet
learn—

Huxley has been bribed by the Government here not to go to Edinburgh & I thought he had the best chance. Now I hear much of Johnston a good zoologist & of a Dublin anatomist - Allman whom the medical people wish for or many of them -

Your greatest danger is that the medical party will go too much for zoological attainments in their view of the branch - I do not see any danger of an immediate decision - They are very much puzzled - If I think your coming here justifiable I will write. To come on probation would be very well if you could give lectures as candidates for a kirk give sermons to show how they can preach - But I do not see myself much

gain in your case unless I thought there
was a very great chance – & there
is really more than any one can
now say of any one of the many
& respectable candidates –

As Mr Thompson has got the
Barnet prize & some one close
2d. prize.

Agassiz has been denying
the existence of reptiles in the
Coal! On this point at
twenty yrs end lead the
better than he at dull [illegible]

Believe me
Ever yrs
Chas Lyell

Redn

Feby 21st 1855

My Dear Sir

I have ordered
50 Copies of the Report
of the Commrs to be
forwarded to you and
believed be very
glad if you would
find time to address

Revised in some of
your papers of it. —
It takes Enormous
well — but I am
afraid the new
Govt will hold
off. — We shall probably
go into Committee on
the Sum day next
week — The debates

so.
am ridiculously expensive
– let that be moved
or useless sending
them to you – but
I will let you
know the result –
In the mean time
let me know
whether you remain
at Poughkeepsie
In great haste
Yours truly
J. H. Gray

G W Gray
1885

Dear Sir,

I enclose a few cards of introduction, regretting deeply to be prevented from bringing them myself. With this note you will also receive the pamphlet on Nat. Hist in Schools.

Please present my regards to Mrs. Dawson

Yours very truly

Cambridge 25 May 1850.

L Agassiz

J. W. Dawson, Esq.
Boston

Jewel
Free Study 23 st Corner Lex Avenue

1 Copies

J. W. Dawson 1 43.

Care the Revd.

Dodson

Edinburgh 27th April 185

My dear Sir

I have to acknowledge receipt of your letter of the 10th inst and do not require to answer it in detail. By this time you have received a proof of certificates, and by the following mail I sent two perfect copies, from which you will see that I got all the certificates and in good time. Up to this date the Chair remains vacant, Dr Paull having agreed to deliver the Summer course at the request of the Town Council. I have not been able to learn that the Government have done anything towards filling it up, but perhaps you people in Chatham may know what is going on and if so, he will certainly write to you. It was with much surprise and regret I observed in the Scotsman a notice of the death of Mr. Dela Beche. I had sent him 2 copies of your certificates only a very short time before, - and presume his decease must have been sudden

I have learned from Mr Greig that he had the first notice of any paper in Edinburgh of Sir H. De la Beche's death – and I observe he very neatly dovetailed your Sir C. Lyell's name into the paragraph regarding Sir H. The Scotsman copied the fact, but studiously avoided a word contained in the article. Mr Greig sent you a copy of the paper. I send today a copy of the Scottish Press, from which you will see that Sir Rod^k Murchison has been nominated as Sir Henry's successor.

As Sir Rod^k is a very warm friend of Nicol's he will doubtless use all his influence in his favour. Nicol's is a crown appointment, and in the event of his getting the Edinburgh Chair surely you might succeed in obtaining the Aberdeen Chair. This would bring you within a few hours distance of us, and would prove a step in the right direction, to borrow an almost hackneyed phrase.

Do not concern yourself about any trouble that has been taken by your friends here in the matter of the Natural History Chair it has been a pleasure to do what we could to forward your views, whether successful or not.

With respect to the question of your coming over to this country, I could not venture to advise; unless Sir Chas Lyell encourages the prospect I would be afraid that you would incur much expense, and in all probability reap disappointment.

Had it been an expence of ten or even twenty pounds I would not have hesitated, for the chance of success, but it would only be a source of mortification were you to find after coming the trouble & expense thrown away.

But, should Nicol or Allman be elected for the Edin. District, then you should be prepared for an energetic attack on the Govt for one or other of Professorships as the case may be. The earliest intelligence I can get I shall communicate to you. Please say to Mrs Dawson, for Jane, that she too is cleaning the house — changing both servants on 15 May — that they have a dressmaker in, and been some time also have Mr Matthew as a visitor for the last week, Miss McBartney from Lesmahago; also, we expect Jane on Sabbath first to stay a fortnight and all this put together, Jane cannot even write a few words this time. We are all well however and hope

you all continue so too.

You both will require to exercise patience and trust that Providence will direct you aright and give efficacy to the means if consistent with the designs respecting you. Nothing has been left undone that I am aware of in the matter and we may rest assured all will be for the best. With kindest regards to all I remain Yours very sincerely

Peter Clerk

Edinburgh 15th April 1[illegible]

My dear Sir

Your letter of the 27th March came duly to hand on the 9th inst, and I am glad to say I had anticipated all your wishes regarding the distribution of the Certificates.

I reckoned upon the number likely to be required and ordered 150 copies, which I got out of the hands of the printer on the 4th current — had 80 of them put into envelopes which I had lying ready addressed, and dispatched them by a faithful messenger to each of the Professors, and of the Town Council, and posted those at a distance. I sent also a copy to each of the Noblemen & Gentlemen named in your letter excepting Mr Whitbread who I had not previously heard, but have now posted one for him. Besides these I sent a copy to the following J. B. Macaulay M.P. Charles Cornwall, Sir John McTaggart, The Solicitor General for Scotland, Leonard Horner Esq, & Charles Lyell who is still (or was when I sent) at the Charles M'Laren Esq Adam Black Esq, Rob Chambers

Alex. Bryson Esq., Dr Lordan, Lord Murray, George Combe Esq & a few other friends. Sent also last week 20 copies to Sir H. De la Beche with a note respectfully requesting him to have them put in circulation as early as might be convenient.

To several of the Professors I delivered the certificates personally and had repeated conversations with Profs Syme, Profr Gregory, Profs Goodsir & Miller, Balfour, & a few words with Christison. I have had lengthened conversations with some members of the Town Council, one of a very satisfactory nature with Thomas Murray Esq L.L.D. one of the Councillors for the third district; he highly appreciates your Testimonials, and, indeed, one and all whom I have seen express themselves very much pleased with them. One thing is certain, that whereas you were not known even by name to many in Edinburgh three months ago, your name ~~is now~~ and qualifications are now extensively known and not only to those who have immediately received copies of the Testimonials but through them to very many others as the Natural History

chair is the great subject of talk among all persons who take an interest in the subject.

Now with regard to your prospects, Mr Lyme may very frankly when I called on him and put a copy of your certificate in his hand, and told me that he with four or five of the Professors had sent a recommendation of Allman of Dublin. He admitted it did not follow that the Government would elect him but laid much stress on his being an eminent Zoologist and also being at present Prof of Natural History in Dublin. However, I called again on Mr Lyme after receiving your last letter and read one or two passages of it to him, and did the same with Professor Goodsir — I especially called their attention to the passage in which you speak of your knowledge of Zoology. Professors Lyme, Gregory, Balfour & Goodsir, noted, that if you were not successful in obtaining the Edin Chair, and were Allman elected for Edin, you would very likely get Dublin if that would be an object to you. Prof Greg dwelt upon it at some length and I replied to him that certainly you were desirous of getting a settlement in this country and that it might be a step if you were not successful in Edin. The Dublin chair is a Government appointment also.

Rumours are plentiful that the Government contem-
a division of the Chair — i.e. to appoint a Professor of Natural
History, with whom Zoology would be the prominent depart-
and a Lectureship of Geology &c with a moderate en-
-ment, but whether this is seriously contemplated is
quite uncertain — at all events Professor Traill will be
expected to deliver the summer course of Lectures, and
this will give the Government more time to consider
the claims of the Candidates. It seems to me that
your duty will be to push Sir Charles Lyell and
any other friends you have in London, to bore the Gov-
-ernment, and not leave a stone unturned in this
geological question until it be finally disposed
of. I shall continue to see Members of Council
and Professors as I can find them (for they are not
always to be got at) and press your claims on their
attention.

Baillie George of Primrose has been exerting
himself with the Lord Advocate through some
of his personal supporters in Leith, and an inter-
-view was proposed to be had with his Lordship
on the subject of your application, by a Deputa-
-tion of gentlemen who have influence with the

Lord Advocate, when Mr Primerose received a note from Mr Moncreiff's Secretary (by the way he is not "Sir James" but has the courtesy title of "the Right Honble the Lord Advocate of Scotland) but remember this is strictly confidential it is as follows –

"My dear Sir

The Lord Advocate bids me say that there is no necessity for any meeting to satisfy him of the great qualifications of Mr Dawson. That he received the highest recommendations in my favour from Sir Charles Lyell and has no doubt of Mr Dawson's being eminently qualified for the office –"

However I am not disposed to make too much account of this as indicating any certainty that you will be the successful competitor – it may turn out to be a very good ruse to avoid being committed in any way if the Lord Advocate felt that he had it not in his power to give any positive assurance on the subject. But, at all events this step is sure to produce something, if not all that we desire, and we

shall just go on doing all we can and as everything depended on our exertions.

I have sent two copies of the Certificate to you by this Mail and have about 10 copies left which I shall take care of in case there may be a request for a copy from some other quarters.

I have had no time during this correspondence with you to keep copies of my letters, although I have taken care to keep copies of any letters sent to Sir Charles Lyell Sir Henry De la Beche Leonard Horner Esq or any other persons who I thought to be very particular with in my correspondence.

One thing I had nearly forgot which I promised to do. Professor Ivey very expressed an earnest desire that you were in this country or rather that you had come over two months ago. I told him you had offered to come but Sir Charles Lyell did not advise you

to undertake the trouble and expence con-
-sidering that your chance of success was
not such in his opinion as to justify him
in recommending thy cause — but as
Prof. Gregory requested me to state his opinion
I have done so. I consulted our mutual
friend Mr Greig on the subject, but he agreed
with me in thinking that it would not be ex
-pedient in present circumstances for you to
undertake the journey.

Jane is extremely busy with a variety
of household matters and amongst them in
rubbing preparations for Harry's departure
so that the camel unless by thy mail, but
some of the Jaffna people promised to be
her substitute. I must close thy
rambling and discursive epistle subscribing
myself ever truly yours

Peter Bell

LIVERPOOL
NOV 13
N.S.

APR 13 ★ 1853

PICTOU
APR 25
N.S.

PAID

J. W. Dawson Esq
Pictou
Nova Scotia

Office 1853

My all join in wishing you all the Compliments of the season

Edinburgh 20 Dec 1855

11 Gilmore Place

My dear Sir,

I have now to acknowledge receipt of your kind letter of the 17th Nov which I could not find time to answer till now, and also the Montreal paper with your inaugural address which I read with much interest. The copies in pamphlet form have now arrived and I have been distributing them – I gave one to Mr A Bryson who expressed himself much gratified. Today I gave a copy to Prof George Wilson (Technology) and he too was much pleased – he expressed great regret that he had not been introduced to you at the Glasgow meeting, and further stated his conviction that if you had been in this country last spring you would have been put in the Edin Chair. As he said "it went a begging" I told him we had done all we could in the matter, but that it was not for want of information that the Medical Faculty recommended

We all join in wishing you all the compliments of the season and we hope you are well. We had a letter from Goldsmith a few days ago – we are anxiously expecting a letter from you

Allman but because they were determined to have a Zoologist and they were afraid of getting any one into the Chair who was more of a Geologist than a Zoologist. I farther told him I believed you to be quite as good a Zoologist as Allman. Prof. M. told me his brother (who is I believe in Canada) was offered the Principalship of McGill College but it did not suit with his other arrangements and he declined it.

I have arranged to send you the Scottish Press commencing 1st Jany 56 - it will cost you 24/8 a year including postage; and being published on Tuesday & Friday you will get one paper the one week, and two the other.

I am requested me to acknowledge Mrs Dawson's letter, and as she wrote lately will not do so again at this time. We are very glad to hear that you have got into some order and that your house is so pleasantly situated and trust you will all enjoy good health. We have had a packet of letters from George this week and he desires to be affectionately remembered to you all.

His letters were dated 30th Oct at which time he was in good health and quite comfortable.

He is disappointed with the expense of living, his food alone costs him 40/- a week; But he is among kind and good friends and feels quite at home as far as it is possible to be so.

We are all well here and I may say the same of all our friends in this quarter.

This letter is written in great haste and is not what I would have wished but I could not think of missing another post.

The only exceptions to good news respecting our friends are — first that Mr David Irvine eldest son of Mr R Irvine who went to New York last summer is past dying — the last letter received presented his state as quite hopeless and his end apparently approaching. It is a great source of grief to his parents his being so far from them but there is no remedy now. The is among kind friends however who will do all in their power to make up for the want of the presence of his parents. He is now fully aware of his situation and I trust is

in a proper state of mind. The other case
that of Miss Ann Finch who has had a se
attack of bronchitis accompanied with
fever and other serious symptoms, and
remains in a very precarious state.

We heard from James a few days ago
was well excepting a cold in common wi
most every body around him.

We have had a very keen frost, being the
second time that the waters have been frozen
this season and skating is going on
mentioned having had a fall of snow
kind of weather have you had, and
you likely to have a severe winter

We have no snow this time but a hard
frost as it is called.

Jane unites with me in affe
regards to you and Mrs Dawson and
children also to George

Margaret Anne requests me to say very kind
she has read ~~your~~ the book you gave her when here, and is much delighted with it.
in great distress this afternoon with toothache.

Peter Bell

Letter P Bell 1855

J. W. Dawson Esq. in a/c with P. Bell

Dr					
1855			1855		
Mar 9	Copies of Scottish Press & Slips per acct	£ 1 5	Mar 13	By cash enclosed in letter	£ 1
	Cage of Parcel from London containing Certificates &c	3	" 30	" do do do	1
	Hugh Paton's account for 150 copies Certificates	3 3	May 11	" do per Messrs Oliver & Boyd	5
May 17	Do. Colquhoun's acct	3 8			
" 18	Jas Grant Jun. do	1 11		By Balance	3 11 10
	Postage of Certificates, Porterage – Envelopes Mark &c to date	1 1 10			
		£ 10 11 10			£ 10 11 10
To Balance brd down		£ 3 11 10			

Remitted July 2 = £2

Edin 25 May 1855

My dear Sir

I received your letter of the 8th & 9th inst together, and now send you a note of account formerly requested. Since I last wrote to you nothing has transpired regarding the Natural History Chair that can be relied on. The only item of news on the subject is (what I learned from Dr Simpson's assistant Dr Priestly, within these few days) that the Duke of Argyll in writing to Dr S. lately stated to him that Allman is very strongly recommended by Owen and Forbes, Allman being in Edin a few weeks ago seemed to produce a favourable impression on the Professors, at

least so thinks Dr Priestley. He mentioned in particular that Loddiges was much pleased with him, but I have not seen that gentleman lately as he has been in the country for a few days. I do not think however that I could elicit anything from him. Before closing this I shall endeavour to see Mr Greig to know if he has heard anything definite on the subject. I sent a copy of the Certificates to the Rev. Dr Geo Johnston, and sent all your endorsers immediately an receipt for. I have four copies of Certificate remaining, which I shall forward to day to Sir Charles Lyell, and request him to send one of them to Sir R. Murchison as I have not his address.

I am not aware of anything else that can be done in the matter now. It is of no use to try anything farther with the Town Council. While finishing this last sentence, Professor Bennett (Institutes of Medicine) came into my room to ask a question respecting a regulation of the Hospital and I took the opportunity of asking him if anything was doing about the Chair. He replied "I do not know but I fear there is some jobbing going on — still a table of Appointing the Chair to make places for Dr Muller & Fleming."

This is an old story revived but I must say it seems some cabal from the dilly dallying of the Town — who should have less difficulty in making a proper appointment than

in cooking up certain queer materials for the purpose.

I mentioned the Chairs of Dublin or Aberdeen either of which might become vacant, not that I expected you to take any step regarding them while Eclin being remained unsettled, but that you might turn the matter in your mind "forewarned is forearmed" and if you were to think of them at all I wished to give you early notice of what might occur. I perfectly agree with you that neither would be the least like Eclin in vacancy recently.

It is quite our post time and I have not yet found Mr Craig but if I see him shall add a postscript. Remaining

Yours very sincerely
Peter Bell

O Bell
May 1 1855

April 20. 1855.

Dear Dawson

Mr Bell printed the certificates with my letter & I think so far as I have had time to look at them they are not open any of them to the objection which I made to the newspaper advocacy of you & which has drawn my attention.

Poor Sir H. Delabeche is gone a great loss! I had taken pains to assure him that the running down of Agassiz & the representation of you as an "out-&-out Presbyterian" & one who

would introduce reference
to the Bible when fitting
occasions presented them
in your Nat. Hist. lectures
selves, & other appeals of
the like kind were not to
be charged against you —

There never was the least
probability of Agassiz being
persuaded to take the chair
& I think nothing so calcula-
ted to cool the courage
of some men most likely
to join us in your sup-
port as an apprehen-

seem that you or your friends built on sectarian influence or on Scriptural views of Geology –

Hugh Miller has not I think gained by taking it him last mentioned, with some who may influence the choice of a Professor –

The Scotsman in an article which I have not seen (by Ch. Maclaren) has I hear given a set down to the attacks on

Letters Lyell

Of Geology as an unorthodox
man.

You are not an
for the injudicious
friends & their acti
zeal at least have
I could not advise
coming here – On my retu
I had to prepare a
for the Royal Inst.
D. Brewster seems t
matters are in state
no immediate apprehen
I am very glad you hav
property of geol. execu
which you allude. If
encourage you to hear the
mann B. Von Meyer has
from the Trieves Coal fi
mens belonging to no less
individuals of 2 species
saurus! All the 4. extrem
now known. He has al
Labyrinthodon from the Co
believe me
most truly
Ch Lyell

Edinburgh 11 May 1855

My dear Sir

Your kind letter of the 24th April is duly received.

The Natural History Chair is not yet filled up, I cannot learn anything definite respecting it, nor can any one of the friends here who have interested themselves in your behalf enlighten me on the subject in the least degree. I hope that before this time Sir Charles Lyell has returned to England, and has put himself in communication with the Government. If you have not heard from Sir Charles lately, I think you should write to him immediately to know what is doing in

Clothes

the matter. You will see in the Scottish Press which I send you, a reference to the chair by the Lord Provost in the report of Town Council proceedings on Tuesday last, the only thing of moment in it being that ~~that~~ it is likely to be filled up soon.

I have received the sum of £5 from Oliver & Boyd, and will apply it as directed and render an account of the whole by next Mail.

George is grateful to his Aunt for her kind letter and as soon as he can will acknowledge it himself. His time

of leaving is fixed for 1 June by the ship "Hussler" (Liverpool) 500 tons burden, and it is said everything will be comfortable.

James is here at present, having obtained his holidays this month instead of November by exchanging with another young man.

This leaves us all in good health. We had Mr Crow staying a few days with us on her way to Errol, and she may perhaps stay some days on her return.

I need scarcely apologise for Jane's delaying to write, she has had so many things to do and a succession of visitors

for the last month, two
even three at a time. When
George is gone she will have
more leisure.

I send 4 copies of your
Certificate, leaving only
of the change of law regarding
postage from Colonies; which will
prove a great boon.

Nothing else particular
to communicate. I will write
again by next Mail especially if
I hear anything about the Pro-
fessorship.

With kindest regards to
Mrs Pearson and Gov. Talbot,
I remain very sincerely
Yours

Peter Bell

Truro 24th May
1856

My Dear Sir

We all arrived here last night in safety — I returned from my educational tour last Saturday and started for the main scene of labour yesterday morning — I enjoyed my tour much and I hope also derived some profit from it — I spent about a fortnight in the New England States — Since you were in Boston a Normal Seminary has been set agoing for the purpose of providing teachers for the city alone; and it seems to be the general impression that it is the most efficient in the State I devote a good deal of my time to it

Sel Lincoln
1856

examination and thoroughly inspected
its most minute detail & operation. There is also been
recently appointed a Superintendent
for the city schools, with whom
I had much profitable intercourse. Mr Bishop is perhaps
the most intelligent and judicious
educationist I met among the
whole of my tour. The State Normal
School at Newton has been
moved to Framingham & I
heard the sermon there and
Mr. Dr Stowe's lecture from how
I saw its practical working
Heaven made myself master, as
I thought of the connection of education
in Shaf. I proceeded to Cont.
Unfortunately at the time I reached
Hartford, it was the vacation
between two terms and few of the
schools were at work; and what
was to me a greater disappoint
ment your friend Mr Beecher
had just left for New York
an hour or two before my

arrival in the city - Nevertheless I visited the Normal and High Schools of Hartford and from the Hon. Henry Barnard, Commissioner of the State of Education in that State. I received a very kind letter from Mr. Barnard, has sent me copies of his last two publications on Education. I deeply regret not having seen Mr. Barnard; he seems from his letter a Enthusiast - He sent for you the two publications which I shall henceforth forward - From Hartford I went to New Haven where I spent the greater part of a day with Prof. Dana of Yale College - He was very kindly affectionate and forwarded to you a copy of a pamphlet he had recently published - This pamphlet is amongst a package of Books which I sent home from New York, but it has not yet arrived. As soon as it does I shall send it - Dana is one of the most enlightened and elevated naturalists I have met

I spent about a fortnight
in New York and visited the
leading Educational Institution
there – The coach has just
arrived from Hagersty and
I must be brief – From
New York I went to Albany
where I remained two days
the Normal School there is
in good order – I then
bade adieu to the State
and took my departure for
Canada where I continued
another fortnight, visiting
Toronto, Hamilton and other
places. The Normal School
at Toronto is in its early
nascent arrangements, the finest
in the world – But I need
not particularize to you what
most each, as the meeting
of the Trustees must take
place in the most important
I do trust all the members

will make an effort to be present — I feel the utmost gratification in informing you that in a few weeks you are to offer the Presidentship of McGill College Montreal, to my great a more important position than the Chemistry Lectureship in Edinburgh — The Emoluments are £600 and splendid house — I send you an account of the present condition of the ~~establishment~~ — Yours to the Ed. Heads Money. But I must close with best regards

W. Fowler

J. F. Dillon
Esq

November 9th 1855

Dear Sir

I was glad to learn by your letter of Nov. 3d - just received that you were not only in Montreal but that you were willing to enter into a correspondence having for its object the furtherance of the Science of Natural History in our common country. I shall be greatly indebted to you for an opportunity to examine the smaller rodents of Nova Scotia, and if you will let me have the series of which you speak. I will return it very soon, and add to it some from more southern localities. Let me have your commonest species: Arvicola, Meriones, Perperomys or Mus, Sorex, Scirus, Putorius and anything in the small mammal line. The Arvicolae herein are what I want to see now.

You can find a good deal of interest about Montreal, and I would suggest immediate action in regard to the collecting of the smaller rodents and shrews

Nauvoo Feb 9, 1855

Dear Sir

I was glad to learn by your letter of Nov. 3. that notwithstanding you were not only gone that day but that you were in Mexico, yet a letter would find you. Perhaps you will be surprised that I should be addressing you for a copy of the Natural History of the Province of Sonora. I am a member of the Nauvoo Lyceum, and it is partly in consequence of this, that I am obliged to you for an opportunity to become the possessor of the Naturalist's Nauvoo during the time the president did not see fit to open a post office. I shall be glad when you return home, and will return the book. Our Lyceum is but one year old, and is doing well. We have a good library, and the Lecturers of Illinois, Iowa, and Missouri have been here. Nauvoo, the beginning of our government, the beginning of Mormonism, flourishes on three. Farmers. The small manufacturing is the business of Nauvoo. We have a good deal of natural school material, and I would desire communicate with you in regard to the collecting of the smaller Indiana and Illinois

I find that a reward of a few cents per head will bring in such things very freely. You will get several arvicolae now but cant be procurable before next fall. You cant get too many specimens of even the commonest species. I have several hundred each of a dozen kinds, and dont consider the number at all sufficient.

Have you seen Gapper's article on Mammals of Canada in Zoological Journal. He describes a Cricetus myoides from near Lake Simcoe, which should be looked up. Not that I believe it to have been Cricetus.

When sending your specimens please call at the rooms of the Natural History Society on Little St. James St. and ask him to give you that white footed mouse he has for me, and waiting an opportunity to be forwarded. Any parcel can be sent by express addressed

Smithsonian Inst. Washington

You had better make a formal application to Professor Henry, Secretary S.I. in behalf of McGill College. Stating your strong desire to have a set of our volumes: and giving him any statistics of its claims &c. you please. Refer to the readiness to send parliamentary publications. The books you ask for, or a considerable portion at least, I will send. But will wait the result of your application in behalf of the College, so that if granted, all can go together.

The little volume of Nova Scotia came safely and will be highly prized. A full set of the reports of the Canada Geological Survey, and their continuation, would be dwell as an exchange with the S.I. on the part of McGill College.

Pennsylvania and Northwestern
Mail. Northwestern Mail
a formal application to be
your Alumni Secretary S.J. in
behalf of the Gill College. Re-
turning the Alumni Cards to have
a half for our returns: and
giving him any information of
which he may need. Hoping
he will be our representative
in our Northwestern Pennsylvania.
We look for out for a hearty,
generous letter in a least,
with hand, but with work
with the result of affiliation of
the Alumni of the College, as that
of the Gill College, all carry together
of greater, all carry together.
The Irish Nations of
Have their own society on
with is highly proud of Gill
that the right of the Cara-
de Gaelgeal Alumni, and the
their returns, would be
well in an exchange with
the S.J. in the Year of
the Gill College.

Can you get two Lawyers
and other Small Men
Well for Judge Hardin? I
would like to have a consider-
able number. Can you meet
the Business Today Postponing
the Memorial Case, let
and go ahead a Business is
Business & Davis Judge Ma-
shall for the Conference
Thursd. his Judge Hardin

Very Truly Yours
Gideon J. Pillow

Hon. Abe. L.

J. M. Brooks Esq
Springfield Ill
Illinois

Can you get more ani
and other small mam
mals from Nova Scotia? I
would like to have a conside
rable number. Can you ren
the Hudsons Bay Possess
in the mammal line. C
dont you start a Museum
Montreal to derive large ma
terials from the company
through Sir George Simpson

Very truly Yours
Spencer F. Baird
Asst. Sec. S.I.

J. W. Dawson Esq
Principal McGill Colleg
Montreal

Dr
S. F. Baird

Cambridge Dec 18 1855

Dear Sir

I have today received your note of the 12th. I am not aware that Amia has been found in the St Lawrence. It is found in Lake Champlain, where it goes under the name of "Mud fish" — "Bow fin", "Scaled Sling", but most commonly, "Bow fin". The species found in Lake Champlain is the Amia calva of Richardson. It has a black spot on the tail — The following are the references to descriptions.

Richardson Fauna Bor. Am. Vol III p 236.

Under Amia occidentalis it is described in Dekays Zoological Report of N. York with figures.

Specimens of both species have been sent from Lake Champlain to the Museum of Comparative Zoology at Cambridge.

by Kirtland in Boston Jour. Nat. Hist.
Vol III p 479 (from Lake Erie)
& in Thompson's Vermont & in the
Appendix to the same — with a figure
Thompson thinks ~~the~~ the species from
Lake Champlain & Lake Erie are the
same in other words Amia ocellicauda
Richardson, Amia occidentalis Dekay
& Amia calva Kirtland are all
one species. This is perhaps doubtful.
See also Storer's Synopsis of
the fishes of N. America, from which
I have quoted the statement of Thompson.
By reference I see Thompson does not repeat this in his Appendix.
As the one which I sent to
Hugh Miller was from the James
River in Virginia I can hardly
believe the identity in species of
two fishes from such different

geographical regions as the James & St Lawrence Rivers. & it will certainly be worth looking into. The above references comprise all the descriptions known to me, though there is however old books & Files of S. Carolina which I have not examined, & which probably contains a description of some Anura for there is one found in that state.

If you succeed in finding some specimens I should be very much indebted to you indeed if you could send me two or three for skeletons & anatomy generally. They would be very acceptable. I gave Lycale the last one I had for Hough Miller.

Letter J Wyman

I am indebted to you for your
encouraging address which I have read
with great interest, & sympathize
with you in your views. I have
long thought that the old, middle age
scholastic system had influenced
colleges & universities long enough
& the sooner we are out of the bondage
the better.

I am very glad to learn
that your chair in Natural History is
long, one, it certainly is an
encouraging circumstance —

If I should learn anything
further with regard to Annie I will
let you know — I have no doubt
Agassiz would be glad of specimens
with him tomorrow. Truly yours
J Wyman.

P.S. I have seen Agassiz this morning. An Amia in the St Lawrence is new to him, ~~though~~ It is not unlikely to be the same as the one in Lake Champlain. He thinks that there are about three species in the U. States — but that there is some confusion in the descriptions — The spot on the tail is of but little specific value. So you will find it important to examine the one from the St Lawrence not only on account of the locality, but of the probability of the species being new.

Have you any Gar pike
from the St Lawrence — if so can
be easily procured — I should
very glad of some for anatomical
purposes —

J. W.

6 Minto St. Edin.

April 20th 1855

My Dear Sir

I received a note from you some weeks ago intimating your wish to be = come a boarder at our house of Mr at Hestry on = cant by the lamented death of the admirable Forbes.

At that time every thing was in such uncertainty regarding the matter, and the appointment being in the hands of the Govern = ment I felt that I could do very little indeed. But a little farther reflection

and enquiry have shewn me
that considerable influence
in determining the choice
of a Professor will be exerted
by our Town Council it
occurred to me that I might
do you some good in that
quarter, and I now write
to say that you may com-
mand my influence such
as it is, if you will only
point out to me the
way in which it can
be exerted in your behalf.
I will feel obliged by
your writing me on receipt
of this stating what you
have already done in
regard to the Chair and
in what way you think

I can help you in the
arrangement of that third
by the removal or person
at call upon our business
callers or both.

Of your qualifications
I have no doubt and we
be delighted to see you
in such a position.

I had lately a very sad
and powerful memorial from
our friend George Dawson
in the shape of his discovery
preached on the death of his
child who seems to have
been a very interesting
child indeed. Mrs Schuster
unites with me in kindest
regards to you and Mrs
Dawson. We are home
quite alone. Mary

William is ordained on
Wednesday and we are
to. The house is still
crowded to however by
many students

I am my dear Sir
Yours very truly
Geo J Pentz

Rev
G. Atkinson
Jr.
1835

Fredericton
6th July 1855.

My dear Sir,

You will think me very remiss in not answering your letter and acknowledging the receipt of the subscribing list of your work on the Geology of Acadia &c but I was absent for some time after it was delivered – I am rejoiced to find that you are publishing on so interesting a subject & one with which you are so conversant. and I think it quite a privilege

J. W. Dawson Esqr
Pictou

to subscribe to it. I have got the Governor's name down & one or two of my friends & expect a few more when I will return the list to you. I had the paper sent round to most of our big wigs & liberals but I think none of them inserted their names.

I leave Fredericton this evening to attend the Circuit in Kings County — then or to Albert & Westmorland when I get back I will enclose the list to you.

You were so kind last year as to give me a copy of your work

Practical hints on the management of live stock. I gave it away to a person who was very anxious to have it & to whom I think it will be of service. If you have a spare copy I should feel greatly obliged to you to let me have another.

Any little service that I can render respecting the "Acadian Geology" will be a pleasure to me. therefore don't hesitate to call on me in any way that I can be useful.

Yours very faithfully

John S Saunders

G. Saunders
July 1/65

alifax 26 March 1855.

dear Sir

I am afraid you
l consider me my
tory in courtesy in having
your letter so long unan-
swered - The truth is I
spent the greater part
the winter in Paris, and
Charles Lyell did not
w where to address me -
consequence was that
I received your note
w days before leaving
England.

Dawson Esq F.G.S.

I did not meet Sir Charles after but I saw Lord Lyall & when I assure you you have a warm friend and zealous advocate –

It would indeed give me great pleasure to see you occupying the Chair after late lamented Professor Dobie; and there is nothing in my power that I would not gladly do to secure your Election. You will of course have heard more than I can tell you of the fate of your application, which I regret not having had an opportunity of sustaining.

I am now engaged in forming a powerful Company for working the Iron mines east and west; and the assembly has passed a very favorable act of Incorporation. In the course of my I perceive to have a thorough examination of the mineral District in Colchester and Moosepelis and as I will be accompanied by several scientific and practical men from the United States I should be glad if you could join us - I believe you are not much acquainted

with the Western in
field, which on my
return in – I think Mr
Dunster will join my hands.

I beg to be kind of you enough
to Mrs Dawson remember me
Lemon

My best fam

C. D. Cockell

C. D. Cockell
Ala 1833-

Alvaston near Derby
2 February 1855

My dear Sir

I did not get your's of the 2nd ult: until the day for forwarding the American mail so had not time to write then. I now enclose a copy of a letter that I sent to Sir Charles Lyell and which I hope is such a one as he wished me to give; and can only add that I wish you all success. I was glad to see by the papers that you have been made a Member of the Geological Society — When at

Liverpool I gave Sir Charles, the fossil Bone from the Albion Coal and some other specimens; but I have not heard if they have decided to what animal it belonged; there was a difference of opinion between Sir P. Egerton and Professor Owen – I also read my paper on the Climate of Nova Scotia, and handed in the Table to accompany it. I have not heard whether it would be published in the general Report. I have been running so much about that I have not attempted any thing of the kind here. I expect to be settled at Chesterfield in a short time, and therefore I headed

my letter from
heard a diff
a hole which
drying fit. My
be expect, and
to me wherever
I hope all are
and that the
will do much
I paid for the
up to the end
trouble you
that I do n
With kind

C. W. Darwin
P.

my letter from that place, but have had a difficulty in getting a house which has delayed my doing so. My old address will be safest, and sure to be forwarded to me wherever I may be.

I hope all are prospering at Pictou and that the Reciprocity Treaty will do much good to the Province.

I paid for the Eastern Chronicle up to the end of last year - may I trouble you to tell Mr Donald that I do not wish it continued.

With kind regards to all friends

I remain

Your's truly

Henry Poole

S. W. Dawson Esq

Pictou

H Poole
18

Sydney Mines 12 Feb
1855

Dear Sir

I have your favor of the 31 Jan^y - The Picton Coal you have lately assayed beats our Lingan Coal - if the Seam is good it will be a great discovery and drive us out of the market. I send you a rough copy of your Map with the Carboniferous & Igneous Rocks coloured so far as I know - I have not much knowledge of these Igneous Rocks but I am inclined to think your views respecting them are perfectly correct - I

question if there is any true granite in the Island - all the specimens I have which I called granite have upon examination to be Syenites - I have marked the Coast from Cheticamp to Cape St. Lawrence Syenite upon the authority of Mr. Chas. Darington who examined it & brought me samples of the Rocks -

I think it very probable from information I have received that the Carboniferous System occupies the valley of the Mirray River and

unites with the St. Peters Rocks of the Lower age — These Rocks occupy a very large portion of Cape Breton — I have often thought that the whole of the Bras d'or Lakes was once Marls Gypsum &c which have ~~been~~ wasted away

I examined a thin seam of Coal last Summer almost in contact with Syenite at Great Bras d'or — the Strata had been doubled back by the protrusion of the Syenite, the underclay containing Stigmaria being upon the Coal —

I wish I could have given

Halifax next week
and has promised to
take the Parcel of Coal
in gun -

I remain Dear Sir
Very truly yours
R. Brown

Halifax Apr 17.
1856

Prof. J. W. Dawson

My Dear Sir

If you have been so unfortunate as to loose your Minerals by the fire - Please let me know, and I will see what I can do to supply you with our trap Rock minerals - I will not promise the largest and best Specimens but if you will send me a list of all wanted I will act to the best of my ability

and the nature of the case — and will ask no exchange — but send to the care of any person you may direct

I shall visit the Isle Haut in June where I found last summer some beautiful Apophalite almost an inch square on a ground of Stilbite

We have reason to suppose the House of Assembly will be relieved from their labours tomorrow (15 Apr) — The Session has been long

owing to the illness of the Speaker

If you saved your Minerals, there will be no necessity to answer this - as I know your time must be wholly occupied

I am My Dear Sir
Yours truly
W. B. Webster

P.S. If you find time & necessity to write Please address me at Kentville.

W. B. W.

Letter
D. Webster
1851

Hartford 31 March 56

Dear Sir —

I am just in receipt of your letter of the 27th inclosing the subscription for my Journal for 1856, & giving the assurance of a communication for a subsequent do. I shall be happy to receive a communication on the subject named by you at your earliest convenience.

If you think well of the plan of such a Journal, American and Catholic in its scope — I wish you would interest the Editor of one of your leading Journals to notice it [illegible] will gladly forward the [illegible] published to a General [illegible] all take interest enough to notice its contents. The enterprise is a large one, & needs help to get into position of usefulness.

I wish you would interest some

one to give me an account
of the System & Means of Education
in Lower Canada – like that
drawn up for Upper Canada
by Mr Hodgins. Is Judge Mondelet
living? Possibly he will do so.

I have not heard anything
recently from Nova Scotia – Who
will draw up an account of
what has been or is doing
there. If you can stir up
anyone to help me or do
yourself you will greatly oblige me.

Truly Yours

Henry Barnard –

I send No 2, which you say has not been received by Jon.

Letter Bonnet
1836

Montreal March 10th 1836

Sir

I have the honor to inform you that at a Meeting of the "Botanical Soc.y of Montreal" held on the fourth day of March inst. you were unanimously elected President of that Soc.y for the present year

I have the honor to be
Sir Your mo.st ob.d Serv.t

John Bourston
Sec. B. S. M.

J. W. Dawson Esq.r
Princ.l M.c Gill College

Election
Presidential Vote
1856

Provincial Secretary's Office,

Halifax, May 29th 1855.

Sir—

With reference to your letter of the 25th instant, to the Lieutenant Governor, relating to the publication of a new Edition of your work on Live Stock as authorized by the Legislature,— I am commanded by His Excellency to state that he has much satisfaction in approving your proposal to give increased value

To William Dawson Esq

to that very useful work by the addition of matter of practical value designed to render it a complete Treatise on the Agriculture of this Province —

I am desired to add that His Excellency is highly sensible of the disinterested and creditable spirit in which these additions are freely tendered by you to the Public for the purpose of increasing the utility and reputation of the work —

I have the honor to be

Sir,

Your obedient Servant

William H Keating

Deputy Secretary

May 13

Albion Mines,
20th January, 1855.

J. W. Dawson Esq.

Dear Sir!

I have your Note this morning enclosing a piece of coal said to be taken from the seam underlaying the "Deep" seam of these Mines, to which your report of its properties attaches considerable importance. The Seam, it appears, is known here by the name of "Hunting Tom" arising, I suppose, from ~~to~~ some sulphureousness which it emits whilst burning.

I regret the opening from whence your specimen was taken is now closed up but I will have it reopened & will forward you as early

early as possible, sufficient of it to make a trial on the scale you name.

I will thank you to enter my name for a copy of your work, also that of the Company's, for two copies.

I send you herewith a few sections of my own, of the Coal Measures around Newcastle on Tyne, England, which perhaps you may find not uninteresting, particularly the Basaltic & large sections of Faults, copies of which, or in fact any of them, you are welcome to take.

Enclosed is the amount of your small account which please to acknowledge.

Yours very truly
(in haste)
James Scott

P.S.

– You will, no doubt, be a little amused at the nomenclature used in the Sections but such is generally in the North of England owing to its ready application to practice

P.S.

Letter
J. Sutt
Jan 1/55

Saint Louis Dec. 15. 1856

Dear Sir

I take the liberty of writing to request of you to inform me how I can procure a copy of your "Acadian Geology", I wrote to my book agent in New York for it some months since, but thus far I have not been able to procure a copy. I will cheerfully pay the price of it, or if preferred will send in exchange other publications on Western Geology.

With great respect,
Yours Truly
B. F. Shumard.

Prof. J. W. Dawson

Letter
Thomas

Zurich, October 5, 1856.

Prof. Dawson.

My Dear Sir — I have received your letter, dated, may 12, with the greatest pleasure, and being on the point of publishing an English edition of my Geological map of North America, I beg you to send me any corrections or observations that you think proper to make upon my last french edition. I have the greatest confidence in your opinion on american geology and I will do my best to make use of any of your suggestions.

Vous avez fait votre communication sur le Parallelisme des roches stratifiés de Nova Scotia avec celles des U. S.; du moins c'est ce qu'il me semble avoir lu dans les Newspapers qui ont rendus compte du Meeting de l'American association at Albany; je lirai ce travail avec le plus grand plaisir aussitôt que le volume paraîtra, mais je vous serai fort obligé dès à présent

si vous voulez bien me communiquer les résultats principaux de ce parallélisme.

J'ai vu que dans ce même Meeting, un Mr. Blake a lu un mémoire sur ma Carte; je ne doute pas que ce ne soit une critique très violente contre ce petit travail; car ce Blake n'est ici que le prête nom de Hall. Vous avez habité assez longtemps les U. S. pour savoir que Hall a la prétention de monopoliser la géologie d'amérique, et que réuni avec Dana, Whitney, Foster, Hunt et Blake, ces Messieurs donnent leurs opinions comme des lois auxquelles tous les autres géologues doivent se soumettre. Comme vous le pensez bien je ne me soumets pas et Tudè iro, et bien plus j'ai une pauvre opinion du talent géologique de ces Messieurs; aussi mes faibles travaux leur donnent le cauchemar et ils me tirent dessus à boulets rouges dans toutes les occasions. Mais je me moque de leur criailleries, je dis ce que je pense être la vérité, sans m'inquiéter de ce qu'en pense James Hall et ses aides-de-camps.

Je vous serai obligé de me procurer les Reports of Progress of the Geological Survey of Canada for the year 1852-53 and the following years. J'ai toute la série

jusqu'à celui de 1851 à 52. Si vous trouviez difficile de les obtenir, veuillez vous adresser de ma part à mon ami l'honorable chef Justice Sir Lafontaine qui m'a déjà donné tous les rapports précédents; ou bien au brave Colonel Caché qui se rappelle très probablement de moi. Lorsque vous aurez ces rapports, veuillez les envoyer à Andrew E. Belknap Esq. 54 Chernut street, Boston; ou Dr. Charles T. Jackson, Boston; ces Messieurs m'envoient des caisses de livres tous les deux ou trois mois.

Je ne dis pas que je n'irai pas vous dire bonjour à Montréal; j'espère encore revoir l'Amérique d'ici à peu d'années, car ma santé fortement compromise par mon dernier voyage en Californie, commence à devenir meilleure et avec elle la passion des voyages me reprend.

Inutile de vous dire que je vous ferai parvenir au printemps l'édition anglaise de ma Carte avec un volume de voyage dans les Rocky Mountains.

Very truly yours Jules Marcou

Letter
Mar
18

Montreal Oct. 12th 1876.

My dear Sir,

I have at last got together a few specimens of soils for you. 10 of these which have been analyzed. (I am sorry not to make the collection more complete and 10 of other characteristic soils not yet examined but with a word of explanation accompanying them. There with the empty bottles await your order.

I leave to-morrow for a few weeks in the States. On my return I hope to have a little leisure to look over with you the Collection of the

Prof. J. W. Dawson.

Dr. Holmes - in the meantime
believe me my dear Sir,
Ever devotedly Yours
H. Sterry-Burch

J S Hunt
Oct 15

Sydney Mines 16 Septr 1856

My dear Sir

I have sent to your address to the care of Mr. Henry McKay Two Boxes of Fossil Plants by the Canadian Steamer "Queen Victoria" which I hope you will receive safe - The Captain of the Steamer (McKay) says he is an old schoolfellow of yours and has promised to take good care of them - I should have sent you a better selection but fossils are very rare just now in our Mines the rock being chiefly Sandstone -

I write to Dr. Bryant Smith of New York some time ago requesting

him to forward to you per Rail, the fossils in his care which I had sent up to the Exhibition – I hope you have received them long before this – there were amongst them some fine specimens of Sigillaria, Lepidodendra & Rain Drops – in fact the finest I had in my Cabinet –

I will continue to look out for more and send them as opportunities offer but I fear I cannot promise much this season – With kind regards to Mrs Dawson, I remain

My dear Sir

Yours very truly

R. Brown

Private

Toronto
Sept. 18/86.

My dear Sir

I shall probably be at Montreal on the evening of the 6th October & remain there till the 9th. Any time which does not interfere with the instruction of the Volunteers will be at the disposal of the

Respectfully Yours

Governors of McGill
College if I can be
of service there —
Major Coffin will
be able to say that I am
still probably be occupied
in Military matters

Yours very
faithfully

Robert Shaw

Letter
Sir E Head
1856

Bureau of Agric. & Stat.s Toronto
Sept.r 10th 1856

J. W. Dawson Esq.re
Principal
&c &c
McGill College
Montreal

Dear Sir,

Your letter to Hon.ble P. M. Van-Koughnet touching additional Grant to McGill College & also your Report with regard to its claims has been duly rec.d by this Dep.t & will be submitted to Hon.ble Mr V. on his return home. He is at present at Ottawa or somewhere in the Rideau District. We do not expect him back (except for a day or two) before the 28th of Sept.r

Yrs with respect
William Hutton

Cambridge Aug. 6. 1856

My Dear Mr. Dawson

Let me introduce to you my old friend and fellow-botanist, Dr. Geo. Engelmann of St. Louis, who, with his family is paying a flying visit to Montreal & Quebec. Do kindly put them in the way of seeing what is of scientific interest in your region, and you will oblige thereby one of our best naturalists and best men, as well as confer a personal favor on

Yours very faithfully

Asa Gray

Monday

Prof J W Dawson

My Dear Sir

Upon consideration I have come to the conclusion that I cannot undertake the editing of another volume of the Naturalist and you need not therefore see the Bookseller

I am very sorry indeed that I have given you so much trouble about the matter but I thought that the Natural History Society would undertake it without requiring anything more from me than occasional contributions. Should the Society still devise some plan of establishing a magazine I ~~should~~

would be glad to render every assistance in my power and besides subscribe for a number of copies. But I could not undertake the conduct ~~of~~ a journal as I have on hand so many new fossils to be examined that for the next two or three years I should be pretty hard pressed for time.

Yours very truly

E. Billings

the
istome
and
ilee
of
ulot
the
mmol
and
fossil
that
on
shell
pressed

E Billings
Oct 1886

Tuesday

My dear Sir

I was over at the Island of St Helena yesterday and caught a small reptile in the water which I take to be Menobranchus ~~lat~~ maculatus. It shows the tufted gills and also the double rows of teeth in the jaws. As I thought you might fancy it I have brought it over and will leave it for you

Yours
very sincerely
E Willis Jr.

On looking at bet
I think this mu
be M Lotardis
the Bowired prote
The block must
thoroughly dry
is well glaze
in the openi

CB

Battery
Oct 1/82

Hartford Ct
20 Oct 1856

My dear Sir

I rec^d your letter yesterday, & the Paper containing the Speeches at the Dedication of Barnard Hall — which I shall give extracts in my chamber talks

I hope to get an article from you soon —

If you hear any Educational movement in L. Camden, please to keep me informed.

Your subscription was duly rec^d & the books are made all right now —

Truly Yours
H. Barnard

Rev. Sawyer
n —

H Barnard
Oct 1/56

Kentville N. S. Oct 10th
1856

My Dear Sir

I received your kind letter of 7th ult. with much pleasure on the 20th. — Four days ago I left home for Dalhousie — went by Aylesford and turned in by the first road leading south beyond the Caverabou bog — crossed the plane about a mile — and came to the foot of the mountain the first rock I found was, slate nearly perpendicular or 90°. — 2nd. Greywake, this came out in different spots for ¼ or ⅓ of mile — 3rd Slate again on its edge — beautifully marked with large furrows as if ~~some~~ great force had made these marks from south to north, I could see the way the force was applied or directed by the burr or fracture being largest in the same direction in all the places where the edges of the slate rose high enough to get fractured This slate had the usual strike through

the country and by the side of the road had a large surface bare, all polished and scratched 4th. I then came to Greywake or some crystaline rock about a mile, or more, a barren. nothing but rock, not earth enough among the stone for a tree to grow — 5th I then passed over Granite about seventeen miles to the corner of Lunenburg County — In all these rocks I coul not find a particle of a shell, nor any thing like the iron ore of Nistana — Near the foot of the mountain I was on slate sometime before I could see the rock as it was covered with earth and broken slates — As I went up the mountain I saw on my right hand (that is further west) a valley which I will endeavour to get into when I visit Aylesford again where I think the ore may come out

I must trouble you with a commission — and it is this —

The British Provinces are much in need of a New System of School Books Adapted for British Subjects, in which very little might be said about Bunker hill and the Glorious day of independence and much more about Waterloo and Chesapeek & Shannon — I am not bigoted against the Yankeys but mix up too much these stories in their school books — I have lived three years in New York and the children are taught to hate the English before they can think —

If you think you will undertake this please let me know?

I will keep the Specimens and send them if you wish — but I think them not worth sending as they have no shells or organic remains

I should have been much pleased to visit Lake Superior detroit and more it must have been a great treat to you

I saw by the Paper that you must
have had a Scientific treat in
Albany — I hope Nova Scotia
may send some scientific men
to meet you next year

I am My Dear Sir
Yours truly
J. W. Dawson

Cambridge 5th July '56.

My dear Prof. Dawson

You must have made a short visit to Nova Scotia. It seems but a fortnight since you were here.

The three N. S. Ribes are R. lacustre, as you rightly call it.

R. prostratum L'Her (which is R. rigens, Michx. as you call it), &

R. hirtellum, Michx. = R. triflorum, Bigel. not of Mill. which is a more southern species with long peduncles —

I hope the Montreal one is R. oxyacanthoides, but can't say without flowers, &c — Pray send me some roots in the fall, when a chance occurs.

If I had a good catalogue of Montreal plants it would just now be very useful; but the present exigency will soon pass.

I consider it one important function of a Botanical Society to prepare a full and correct list of the plants

of its District. This is
not the work of a day, nor
of a year, but by directing
attention to it you will
gradually effect the im=
portant object, by con=
tinued and combined effort.

My friend N. Coleman,
of St. Louis, a capital
botanist and good
general naturalist
intends to be in Canada
in August, before the
Albany meeting. I
shall give him a letter to
you, and beg you to show
him where to botanize
most advantageously if

be be so inclined. Letter of Apr 1856

My new book still lingers among the press

With much esteem

Yours truly

A Gray

Univ.s Ala
June 9th/56

My dear Sir

The package I despatched to your address you ought to receive about the time you get this letter.

I regret that I could not prepay beyond Montgomery, 120 miles from this, and I fear that the box will pay cost more than it is worth by the time it reaches you.

Your first note indicates that you only desire a 'few' of our Cretaceous fossils. Had I rec.d your

second note in time I would have extended the list: as it I have put you up such forms as would enable you to determine all the formations from N. Jersey to this place, along the Atlantic coast & Gulf of Mexico. I have also endeavored to give you an idea of the lithological character of these formations

I fear that there is no danger of your being in my debt.

Their specimens of alterations rocks will be the most highly interesting, as every thing here is in a beatifac

state of repose.
If anything occurs to you that we have done here be so good as to mention it.

May I expect the pleasure of meeting you at Albany in Aug.t? It would be curious for workers at the extremities of the great Sect. Scale to meet.

I should be glad to hear that you have rec.d my little package.

Very Resp.t
Yours &c
M. Twomey.

Letter
M. Thomas
1836

I send you sa
earthquake
detail of my lett

My dear

Relief

fear you h
the Natur
the fire
that I sa
Pitts you
all way
house of
consumed
to hav
W. Lagan

I send you some notes on the N. Zealand earthquake of last year – in a printed abstract of my lecture –

53 Harley St.
Lond.
Apl. 21 1851

My dear Dawson

Your letter was a relief to me for altho' I fear you have lost much in the Natural History way by the fire I had feared from what I saw in the newspapers that your private property in all ways & perhaps a separate house of your own had been consumed – It was rather too bad of our friend Sir W. Logan to tell you of

my few remarks which I made (to him alone) about your six days system of Geology. I hope he also spoke of my exhortation to him to look forward to you as his palæontologist for the survey.

Dana's 6 days scheme also surprised me a good deal. Like you over I see much to admire in it, but when you & I recollect that his "Age of Amphibians" refers to that very Carboniferous Period which so lately was characterized as being void of Amphibians & of all

Reptiles we may well anticipate the time when the progress of science may make this new adaptation as indefensible as Sedgwick found his 6-day scheme when he abandoned it. I am often told in print & viva voce that I am trying to fit existing facts to a theory formed 25 years ago in my "Principles" & that a quarter of a century is an era in the progress of geology. I suppose there is some truth in it & that I am too old to see it, tho' I do let out my clothes now & then when I feel them growing tight & stunting my growth. I hope & believe that you will

C Lyell
May 1856

not allow you to prevent your expansion in theoretical powers. 25 centuries ago (2 perhaps more) is rather different from 25 years & to make our advancing knowledge fit to what was known then whether in astronomy Geology or any other science is perhaps a hard task but to attempt to do this is consistent & logical & necessary for all who view the Chs of Genesis & St P. in a very different light from what I do after giving to the internal evidence the best attention I can & exercising my reasoning powers upon it to the best of my ability

believe me
ever truly yours
Chas Lyell

The Corporation of Harvard College

have received a volume entitled
"Acadian Geology,"

GIFT to the Public Library of the University,
from the Author, John William Dawson, F.G.S. &c.
for which they return a grateful acknowledgment.

James Walker President.

Harvard College,
Cambridge, Mass., U.S.A.,
March 31st. 1856.

John Langdon Sibley,
Librarian.

Letter
President Harvard
1886

779

Smithsonian Inst
Washington. June 2/36

My Dear Sir

I am much indebted to you for your notes on the Mammoths which will be very interesting and important in the examination of the fossils which I propose shortly to make. We have now a good many specimens from wide spread localities, Oregon, California &c so that the various vexed questions will probably not be difficult of solution. You shall know the results as soon as possible. I hope you may succeed in securing a fine collection of Canada and Hudson Bay Vertebrata. Can't you get some of the rarities of the interior through the H. B. company? Very important desiderata are skins and skeletons of Musk Ox, Barren ground Reindeer & Barren ground Bear: the latter most especially. There are various Spermophiles

Huntsville Ala
Lexington Dec 2/56

My dear Sir

I am much mortified to you for your note of the 20th ult which will be received in Lexington and informed of the reason of the forms which I have not a great many offers from Yale & Harvard & Cambridge, Eng. Mr Barnard says that he will probably be difficult to obtain. I shall have the friends, as far as possible, let you know as soon as I receive a fine collection in Germany & Paris. Canada and Hudson Bay Territories can yet be had. The return of the Rev. H. B. Conover, they informed me, on his own & Mrs. Conover's & Prof. Forrester & Forrester's Family & Forrester's Letter. Hoping to hear from you soon.

Yours affectionately
Sam Lewis Shumard

Young Sir, Returned by that
Station, not in our Answer
publication. He dont need
to take pd of the Entire Contents
want Collecting, and Never
Given a Receipt. It would be of
great Pecuniary to a Newsman to
have these Observations.

We Received Extra
Numbers Forth Then we can
use them. Some Observations
from Gentlemen Having Moved
Forward. Please Cons a few days
ago. We get this Obtain by Mail
Newsman Just a few days, ago
for Ten Days in Journey.

I hope we may see
you in Washington
the 4 Then day, and have
the opportunity of talking
over 4 our Business
Yours Truly
J. J. Dorsey

Mr Barnes
Marshfield

groups &c. mentioned by Richardson, not in any American collection. The Fort and White fish of the Arctic Waters want collecting, and many species of birds. It would be a great feature in a museum to have these specimens.

Our materials accumulate faster than we can use them. Every steamer from California brings several boxes. (Seven came a few days ago). We got three skins of Rocky Mountain goat a few days ago for Washington Territory.

I hope we may see you here in Washington one of these days, and have the opportunity of exhibiting some of our treasures

Yours truly
S. F. Baird

J W Dawson
Montreal

January 1. 1886

My dear Sir

We have had so great an influx of specimens from California in the last month that all my time has been taken up in arranging and recording them to the exclusion of work on the Avifauna. I have therefore not got through with your specimens, but will send them back at once if you need them now. Otherwise I would like to keep them a month or two longer when they shall return in company with some skins not belonging to your region.

~~The~~ additions of Mammalia to ~~the~~ Museum in 1885 amount to nearly 2500 specimens

Yours truly
S. F. Baird

J. W. Dawson Esq.,
Montreal

January 1, 1886

My dear Sir

I have had so great an influx of strangers from California in the last month that all my time has been taken up in arranging our natural history & the Museum & in the Museum & have thought not yet Hand with your strangers but will hand them back as fast & as I can get rid of them. Strangers come & wander like it really then & then it takes a month or two before they shall return & conferring with some friends not taking up your region.

The collections of Museum in 1885 amount to nearly 2500 specimens

Yours truly

J. G. Cooper

Naturalist

Letters

J. M. Bair

18

Univ. of Ala.
April 25th/56.

My dear Sir,

I have just received your letter, and am very glad to find any one one who wants what I can best supply, and who has to dispose of the very things I want.

I shall begin to put up at once a set of our tertiary fossils, and if you desire it, a collection of Cretaceous fossils also.

There is but a single difficulty in the way, that is, getting a box to you. Tuskaloosa is 450 miles from the gulf and

the navigation of our river is about closing, and after that transportation is precarious.

I shall contrive however that a package shall reach you as soon as possible.

Any fossils older than the Cret. sys. will be acceptable to me — those you mention Sil. or. Carbon. will be satisfactory. ~~to me~~ It will at all times be agreeable to me to hear from you, and to furnish you desiderata, as far as it may be in my power, in this region.

Very Resp.ly
Yours truly
M. Tuomey.

A box directed to Eno. Cummins & Co - Mobile, Ala. would reach me

Journey
1856

Wm. Kelly

a Grace

Mary Ann

Thomas

Return reps
Capt Day

N

Dear Sir

I have the honor to inform you, that you will receive franco, by the post at the same time as this letter, a bundle of Geological pamphlets; containing two Geological maps of North America, one in french and the other in German.

your letter from Glasgow Sept 55 gave me a great deal of pleasure and I congratulate you on your appointment at Mc Gill College. I have read since in the American news papers of the loss of a part of your collections by fire. I hope that you can replace easily the specimens lost and that science will lose nothing.

You will see in my French book, how much I like your numerous and excellent Memoires upon the Geology of the British Provinces. I can

Prof. John William Dawson, Montreal.

tell you now, from my own experience about American Geologists; that you and D. D. Owen are the two best Geologists of North America. Logan is excellent for details and sections, but has a very bad judgment about generalities and especially concerning the determination of the geological ages of rocks and strata.

Logan and Hunt, especially the last, have fished very hard in Paris to obtain the Cross of the Legion d'Honneur; and the impression they have made upon the french savants is not much to their advantage.

I remove now from Salins and go to establish myself and family at Zurich, where I have been appointed Professor of Geology and Paleontology. If you come to visit Switzerland call on me, and I will be delighted to see you and show you a little of the Jura and the Alps.

Write me if you have received the bundle

of pamphlets; because if you have not, I will try to send them to you by Mr. Jones of London, or by my friend Prof. Girard of the Smithsonian Institution of Washington.

yours very truly

Jules Marcou

Salins the 5 of april 1856.

adresse: J. M. Professor of Geology at l'Ecole Polytechnique fédérale, à Zurich (Suisse).

P. S. – I write to send a bundle of pamphlets at our common friend Brown of North Sydney.

Letter
Jules Mal
185

Ottawa 28th April 1886

Professor Dawson
McGill College Montreal

Dear Sir

I duly received your kind note and also the pebbles for which please accept my best thanks. I should be very glad indeed could I have the opportunity of making my publication — the organ of the Montreal Natural History Society — and would even publish it in that City if sufficient additional support could be obtained thereby to make it worth while.

to remove. Montreal
should be able to furn
=ish a large number
of subscribers and the
added to my R C Appointment
would make the work
pay well enough. I
think with you that
the Magazine could
be made very useful
to the Society and
the work of diffusing
knowledge of the
kind to which
I intend its pages
to be exclusively
devoted is certainly
the legitimate sphere

of the institution, I
am not however
sufficiently well
acquainted with
any of the members
to communicate
with any of them
upon the subject.
I have just com-
pleted the 2nd vol.
and the last sheet
is now going through
the press. It will
be issued in about
4 days. I have
been long familiar
with your writings

in the Journal
of the Geological
Society and have
also your Canadian
Geology. If there
be any way in which
I can be of service
to you in the
natural history way
I shall
be most happy
Yours
Most respectfully
E Billings

E Billings

N

New Haven, Ap. 3. 1856

Dear Sir: –

Your letter & the article on Genesis gave me much pleasure, I believe great good may be done by spreading such views of Science & its bearing on the Bible. It seems to me a duty of all who love the Truth, to make opportunities to bring out the harmonies between God's word & his works; and I shall not fail to use my lecture room here for that great end. – I have just finished my first course of lectures here, and more than ever feel that Geology is a glorious subject –

glorious in its revelations of God the Author of Creation as well as the Earth's history. Prof. Guyot has presented his views in course of lectures he has delivered in this & other cities, but has not published any article or work on the subject. A long exposition of his views (in general truthful, but wanting somewhat the animus of the whole) is contained in an earlier number of the Bibliotheca Sacra, as referred to in my Review. I have not myself put any thing in print on Genesis 1. before this recent paper. I have learned that Prof.

Lewis has inserted a brief reply (a weak one) in the April No. of the Bib. Sac., but I have not yet seen it. I shall probably have some words on a rejoinder in the July number. —

I have read with great interest your memoirs on the Geology of Nova Scotia and admire their exactness, & the full supply of facts they give. — We should be happy to publish for you in the American Journal any papers you may choose to send us. —

Yours truly
James D. Dana

Prof. Dawson —

Letter
Y D Dano
1856

Montreal Nov 27
1885

My dear Sir

I received with great pleasure your kind letter of Sept last, and now write in hope that this may reach Albany about the time of your return Sir.

The beds at Kiscis from which the fossils 1 to 54 were obtained underlie unconformably the Lower Carboniferous rocks. They consist of dark grey shales, sometimes altered into slates with numerous bands of calcareous matter abounding in shells and lenticular patches of the same character as well as occasionally calcareous concretions. The whole thickness seen may be 150 feet though it cannot be accurately measured. There is no decided separation into distinct groups of strata but the lower third is more shaly & less calcareous

with fewer fossils and these not quite the same as above. The transition is however gradual and some of the fossils run nearly through the whole. Nos 1 to 43 are from the upper portion. The rest are from the lower. The Atrypa no 22, the Tubulites, the Monticulipores, the Orthoceras and the chaetets are characteristic of the upper beds. The Atrypae 43, 44, 45 48; Leptaena Rugosa & the graptolites are peculiar or nearly so to the lower.

The New Canaan beds are also older than the Cardiniferous system but there are no means of ascertaining their stratigraphical relations to the missing beds. Their fossils so far as known are not identical.

Copy to Hale

~~J. Fairbairn~~

Prof Chapman University College: Toronto
March 8, 1856.
1886

My dear Sir,

I must apologise for this long delay in thanking you for your examination of the limestone specimen from Quebec. The mounting you were so kind as to send, was unfortunately broken into numerous fragments, but enough remained to shew plainly the characters described by you in the letter. When I spoke of Cypridis, I used the term, of course, in a general sense, with reference to the marine species. Hall has figured two or three of these, although apparently of a very questionable character, in his Palæontology of New York. It is evident however, from your preparations, that nothing of the kind is present in these specimens.

There has been a good deal of delay in bringing out the first number of our new Journal, but it has now left the printers' hands, and you will probably receive your copy with this letter, or, at the latest, a day or two after. The printing of the second number is also nearly completed, - and, after this, we shall continue to bring them out

Copy to Hale

~~B Jackson Esq~~

Prof Chapman University College: Toronto
March 8, 1856.
1886

My dear Sir,

I must apologise for this long delay in thanking you for your examination of the limestone specimen from Quebec. The mounting you were so kind as to send, was unfortunately broken into numerous fragments, but enough remained to shew plainly the characters described by you in the letter. When I spoke of Cypricids, I used the term, of course, in a general sense, with reference to the marine species. Hall has figured two or three of these, although apparently of a very questionable character, in his Palæontology of New York. It is evident however, from your preparations, that nothing of the kind is present in these specimens.

There has been a good deal of delay in bringing out the first number of our new Journal, but it has now left the printers' hands, and you will probably receive your copy with this letter, or, at the latest, a day or two after. The printing of the second number is also nearly completed, - and, after this, we shall continue to bring them out

regularly on the 1st of each alternate month. We have at present such an accumulation of matter on hand, that my paper on Fossil Reptiles (a mere synopsis however) will scarcely appear before the autumn. A paper on the Classification &c. of the Trilobites, read by me, in abstract, at one of the February meetings, cannot get insertion for example, before July. Short paragraphs and notices however we can always find room for. Under this head, in our first number there is a bit of a jumble in my department. One of the notes, inserted there, as you will see, is altogether out of place – but these things will be managed better as we proceed. Some of the paragraphs have been prepared at all events.

In the review of your book, the remarks on the Lake Superior Copper, have reference to a particular discussion which took place at some of our meetings last year. In making a few observations on another subject I had occasion to allude to these enormous deposits as being of igneous origin: a view which I afterwards found was held by Agassiz and others, and sustained also by Dr. Hunt of Montreal; and in matters of this kind, Dr. Hunt may be taken probably as the expoment of Sir. W. Logan's opinion. At the next meeting, one of our authorities here took up the subject, quite unexpectedly on my part, and maintained that these

copper maps were produced by electricity. In replying to his arguments — which were put, it should be observed, in a supercilious and quizzy-offensive form — I pointed out two or three strange betrayals of ignorance in common points into which he had been led; and this gave rise subsequently to a covert attack upon me in the Journal, with regard to my evidence in favor of the Geol. Survey, as taken, a short time previously, before a committee of the Legislative Assembly at Quebec. All of this, however, cannot be very interesting to you, and I only mention it, in order to explain the apparently undue attention bestowed on this perplexing question in the review. I regret that I had not space in this article to refer as I could wish to your palaeontological discoveries, but these will be taken up in full in the paper alluded to above.

What do you think of the enterprise of Mr. Billings? I sincerely trust that his new publication may meet with its deserved success; but, owing to its expensive character, (as regards wood-cuts, &c), I confess I have my doubts. The public, here, I am sorry to say, is, as a whole, strangely apathetic respecting scientific matters. I find, for example, the greatest difficulty in prevailing upon my students to purchase a book of any kind to aid them in their studies. The novelty of the thing, however, may give it a push at

starting, and its manifest utility - considering that it is specially addressed to the general reader - may enable it afterwards to make its way. I hope that it may be so. I have given it a few words of recommendation in our Journal for March.

Believe me
My dear Sir
Very truly Yours
Edw. J. Chapman

Professor Dawson
McGill College
Montreal.

All here were exceedingly sorry to hear of your losses at the late fire. You must have been put to much additional trouble in your lectures. I know well what it is to lecture without proper instruments and illustrative specimens. I was placed much in that predicament when I first came out to Canada. When you see Sir W. Logan, will you kindly remember me to him, and also to Mr. Hunt.

Abbotsford Place
Yorkville
Wednesday Morng.

My Dear Sir

I have called at Russell's Hotel, and failed to find your name on the Book.

Will you favour me with your company to dinner on Friday at 6 o'Clock. If this interferes with other engagements, I shall be at home this evening and shall be very glad

glad if you will
come to Tea - and
spend the evening.

Yours Most Truly
D. M. Wilson

Principal Dawson
&c &c &c

S. Wilm
185

University College Toronto
Jany. 16th 1856

My dear Sir,

Dr. Wilson has just placed in my hands your favour of the 8th. Mr. Hodgins specimen is simply a Menobranchus lateralis possessing a monstrous development of a second foot – the so-called toe – on one of its hind legs. The specific name is somewhat of a misnomer, since the lateral stripe appears to be rather exceptional than otherwise. The specimen in question agrees exactly in its dental and other characters with the ordinary variety of the Menobranchus lateralis. Although not uncommon in our bay, specimens are not often obtained; but I will let you have one if possible in the course of the ensuing summer. You may probably also be able to procure specimens from Lake Champlain. Since my arrival in Canada, I have not made

much of a collection. During the whole of the vacation, indeed, I was confined to my room by a violent attack of sciatica, and for some time afterwards I had to hobble about on crutches.

In the January number of our journal — I mean the Journal of the Canadian Institute: the new series — you will find a review of your most excellent work on Canadian Geology. I have tried to do you justice by some tolerably long extracts, but our space is somewhat limited. Your palaeontological discoveries will be alluded to more fully in a paper which I furnish to the second number, entitled "a synoptical view of the palaeontology of the Reptiles" a subject to which I paid much attention just before I left England, and on that I have since followed up by reference to various existing species belonging to the anatomy of Canadian Zoology. My spare time is at present almost entirely occupied in the preparation of diagrams &c. for my lectures: but so soon as I get a little leisure, I intend to get up a complete suite of skeletons

one Batrachians and smaller Ophidi-
ans.

You were speaking of making a microsc-
e examination of some limestone sections.
ill hunt up and send you in the
rse of a few days, a specimen of Trenton
estone which I obtained last year with
Logan and James Hall near the
ntmorenci falls below Quebec. There are
erous dark specks on its weathered surface
took these for Cypridi, but Mr. Hall
cely knew what to make of them. They
d perhaps be merely inorganic concretions.

When you next pay a visit to Toronto
must not forget that we have
bare room at your service. In the
an time, Believe me,

My dear Sir,

Very truly Yours

Edwd. Chapman

Professor Dawson
etc. etc. etc
Montreal

Edw. Ch

18

Letter
H. Barnard
Aug 56

N

CANADIAN INSTITUTE
ESTABLISHED 1849

Canadian Institute,

TORONTO, 15 Jany 1856

SIR,—

I am directed by the Council of the Canadian Institute, to acknowledge, with their grateful thanks, the acceptable and valuable present of Acadian Geology by J. W. Dawson F.G.S. through A. H. Armour Esqr

the receipt of which I have the pleasure of acknowledging, and which they have directed to be placed in the _____ *with your name attached.*

I have the honour to be,

Sir,

Your very obedient servant,

J. Ellis

Corresponding Secretary.

J. W. Dawson F.G.S.

Montreal

Carnot
Ch. R.
1882

My dear Sir

I thank you for your kind letter of the 20 Nov. last, and also for the two pamphlets of Logan, which when received in due time. Merci des renseignements géologiques, j'en profite pour mon édition anglaise en voie de publication et qui paroîtra au mois de novembre prochain. J'ai aussi sous presse actuellement un volume, en français, sur la formation Jurassique et sa distribution géographique dans les deux hémisphères, qui paroîtra en octobre prochain; je vous en ferai parvenir des copies pendant le prochain hiver.

Deux mots sur des observations que contiennent votre lettre; vous me dites le New Red of Nova Scotia (supposed to be Permian or Jurassic ?). Il y a autant de différence entre le Jurassic et le Permian, qu'entre le Cretaceous et le Devonian, et il faut être aussi peu géologues pratiques que le sont Rogers et Hall pour avoir essayé de faire du Jurassic avec le New red de l'Amérique du Nord.

Quand à votre visite à la pointe Mamaise, je regrette que vous n'ayez pas vu tout le Lac Supérieur et surtout, entre Ontonagon et le fond du Lac. Vous jugez du Lac Supérieur par le Lac Huron, c'est une doctrine dangereuse, prenez y garde.

Je n'ai jamais dit qu'au Lac Huron on trouvait le New Red, et je ne pense pas qu'il y soit d'après ce que j'ai vu dans la Georgian bay. Mais au lac Supérieur c'est tout autre chose; j'ai la conviction profonde que les grès du Lac Supérieur sont de l'âge du New Red sandstone, et j'en suis aussi certain que vous pouvez être sûre que Pétrole est sur le Carbonifères. Le temps viendra dans 10 ou 15 années où tout le monde sera de mon avis; de même que pour le Jurassic des Rocky Mountains, le New Red des Prairies, etc.; que Hall, Rogers & Co ne voulant pas admettre. Du reste l'opinion de ces Messieurs m'est fort indifférente, ils me détestent et font tout ce qu'ils peuvent pour me nuire, mais ils ne réussissent pas du tout, du moins en Europe, et en Amérique le jour viendra où la vérité sera reconnue. Je n'ai pas la prétention d'avoir fait une Carte Géol. sans faute, surtout pour les détails où il doit y avoir beaucoup de fautes; mais pour les masses je crois que je suis dans la vraie, ainsi que pour les déterminations d'âges des formations, questions qui ont fait presqu'exclusivement le sujet de mes études tant en Europe qu'en Amérique. D'ailleurs j'ai pour moi une expérience d'avoir pu en place, plus de l'Amérique que à une géologue vivant actuellement; et de plus, j'ai étudié

à fond la moitié de l'Europe. Je puis me tromper, mais je crois que les autres peuvent se tromper aussi. Du reste l'avenir jugera.

Peu de temps après vous avoir écrit ma dernière lettre j'ai reçu la visite de Sir Charles et Lady Lyell, qui sont venus passer deux jours à Zurich. Vous êtes parfaitement placé dans l'opinion de Sir Charles et aussi de Lady Lyell, qui vous aime et vous estime beaucoup. J'ai appris avec regret que Lyell n'a pu obtenir pour vous la place d'Ed. Forbes d'Edinb., cela vous aurait parfaitement convenu. Il est vrai que la vieille Europe ne présente pas les avantages de nouveautés géologiques comme l'Amérique, et sous ce rapport vous êtes mieux à Montréal.

Ma santé devient bien meilleure, et je commence à penser à retourner en Amérique, probablement que dans 18 ou 30 mois je serai de nouveau aux Etats-Unis. Merci de votre invitation au Meeting de Montréal, je ne puis aller cette année.

Je me recommande à vous pour toutes les petites publications géologiques Canadiennes et Nova Scotiennes, qui peuvent paraître, et dont vous pouvez m'envoyer un exemplaire; car vous savez que je prends le plus grand intérêt à toute la géologie d'Amérique.

Je n'ai jamais dit que au Lac Huron on trouvait le New Red, et je ne pense pas qu'il y soit d'après ce que j'ai vu dans le Georgian bay. Mais au lac Supérieur c'est tout autre chose; j'ai la conviction profonde que les grès du Lac Supérieur sont de l'âge du New Red sandstone, et j'en suis aussi certain que vous pouvez être sûre que Pictou est sur le Carbonifères. Le temps viendra dans 10 ou 15 années où tout le monde sera de mon avis; de même que pour le Jurassic des Rocky Mountains, le New Red des Prairies, etc.; que Hall, Rogers & Co ne veulent pas admettre. Du reste l'opinion de ces Messieurs m'est fort indifférente, ils me détestent et font tout ce qu'ils peuvent pour me nuire, mais ils ne réussissent pas du tout, du moins en Europe, et en Amérique le jour viendra où la vérité sera reconnue. Je n'ai pas la prétention d'avoir fait une Carte Géol. sans faute, surtout pour les détails où il doit y avoir beaucoup de fautes; mais pour les masses je crois que je suis dans la vraie, ainsi que pour les déterminations d'âges des formations, questions qui ont fait presqu'exclusivement le sujet de mes études tant en Europe qu'en Amérique. D'ailleurs j'ai pour moi une expérience d'avoir vu en place, plus de l'Amérique qu'aucun géologue vivant actuellement; et de plus, j'ai étudié

à fond la nullité de l'Europe. Je puis me tromper, mais je crois que les autres peuvent se tromper aussi, Du reste l'avenir jugera.

Peu de temps après vous avoir écrit ma dernière lettre j'ai reçu la visite de Sir Charles et Lady Lyell, qui sont venus passer deux jours à Zurich. Vous êtes parfaitement placé dans l'opinion de Sir Charles et aussi de Lady Lyell, qui vous aiment et vous estime beaucoup. J'ai appris avec regret que Lyell n'a pas obtenir pour vous la place d'Ed. Forbes d'Edinb., cela vous aurait parfaitement convenu. Il est vrai que la vieille Europe ne présente pas les avantages de nouveautés géologiques comme l'Amérique, et vous ce rapport vous êtes mieux à Montréal.

Ma santé devient bien meilleur, et je commence à penser à retourner en Amérique, probablement que dans 18 ou 30 mois je serai de nouveau aux Etats-Unis. Merci de votre invitation au Meeting de Montréal, je ne puis aller cette année.

Je me recommande à vous pour toutes les petites publications géologiques Canadiennes et Nova Scotiennes, qui peuvent paraître, et dont vous pouvez m'envoyer un exemplaire; car vous savez que je prends le plus grand intérêt à toute la géologie d'Amérique.

Je vous renouvelle mes offres de services pour l'Europe; si vous avez besoin d'un livre ou pamphlet géologique sur le Continent européen, et que je puisse vous l'obtenir, je ferai tout ce qu'il sera possible.

Adieu, croyez moi votre très dévoué confrère

Jules Marcou

Zurich le 23 février 1857.

Jules Marcou
23 février
1857

No. 1456 Smithsonian Institution,

Washington, D. C. November 28 1857

Dear Sir

The catalogue I send you forms the table of contents to a volume of 800 quarto pages, constituting one of the series of Pacific Rail road reports, and embraces all the North American mammals. It has not yet been distributed, owing to a delay in completing the plates. These consist chiefly of details of soft parts and of skulls, of which a specimen is figured of nearly every genus. The number of plates is about 60. The book is published by Congress, not the Smithsonian.

Je vous renouvelle mes offres de services pour l'Europe; si vous avez besoin d'un livre ou pamphlet géologiques sur le Continent européen, et que je puisse vous l'obtenir, je ferai tout ce qu'il sera possible.

Adieu, croyez moi votre très dévoué confrère

Jules Marcou

Zurich le 23 février 1857.

Jules Marcou
23 Février
1857

No. 1456 Smithsonian Institution,

Washington, D. C. November 28 1857

Dear Sir

The catalogue I send you forms the table of contents to a volume of 800 quarto pages, consisting of the series of Pacific Rail Road reports, and embraces all the North American mammals. It has not yet been distributed, owing to a delay in completing the plates. These consist chiefly of details of soft parts and of skulls, of which a specimen is figured of nearly every genus. The number of plates is about 60. The book is published by Congress, not the Smithsonian.

I have discussed at considerable length the question of the Lacuti. With a large number of specimens before me. I could realize no differences other than of locality, season, age, and sex. I could have picked out about four forms apparently distinct, but when these were compared impartially by other men I had to abandon in despair the idea of separating them until I could get still more material. I think it likely that the one from an extreme North Pacific which we have recently received from near Lake Winnipeg, different from Southern but I have not had time to examine it with other specimens. Our specimens are not swamped in our 3000. I will soon hand them out and transmit to you, with thanks for their use. Why cannot you take a run down to Washington this winter and see

No. 1456 / 2 Smithsonian Institution,

Washington, D. C. 18

our collections. We might organize a systematic crusade against the Natural History of unexplored America of much benefit to Science. It would take but a short time to accomplish. (both the trip and the crusade!)

Yours sincerely

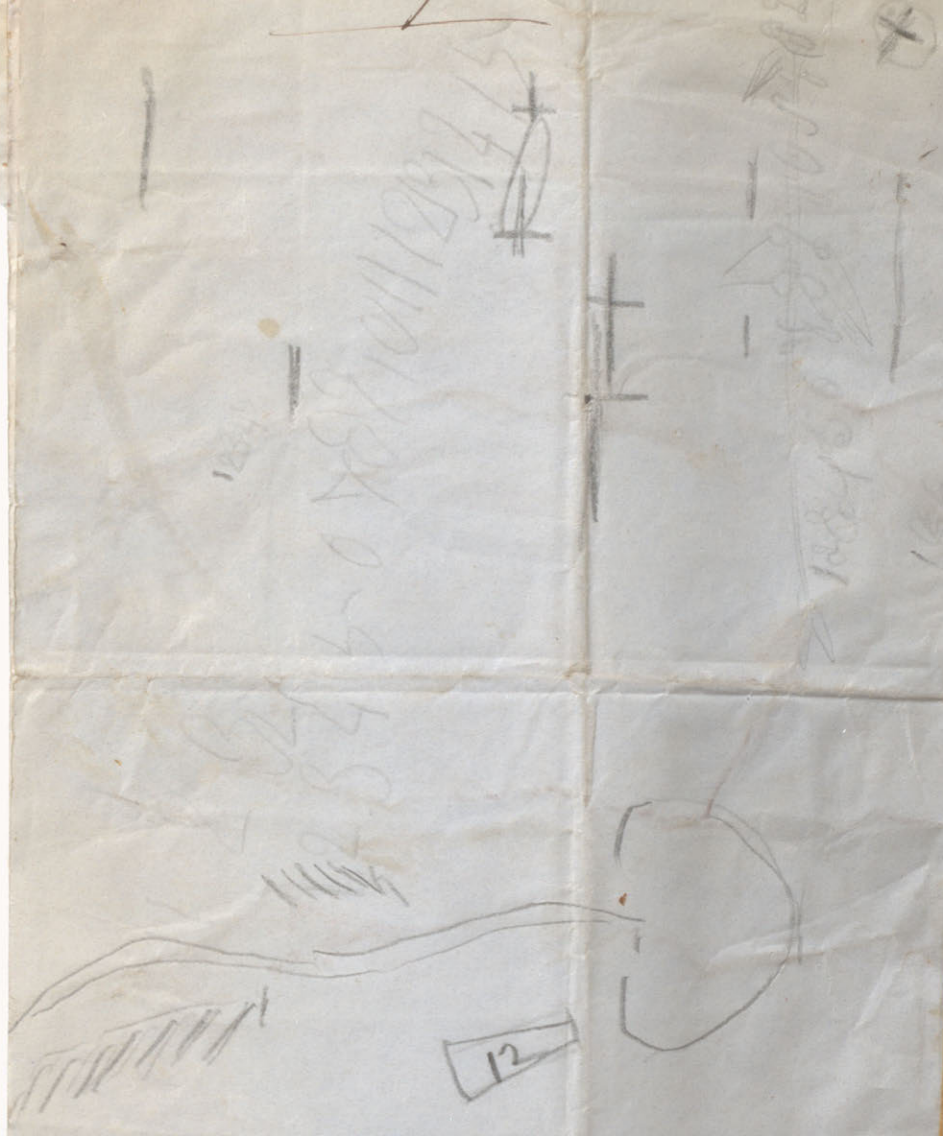
Spencer F Baird

Prof. J. W. Dawson

Montreal

Canada

Letter Bound
Oct 1857



Cambridge 27 June, 1867

Dear Mr. Dawson

In the multiplicity of my cases and engagements at this season I have too long neglected to acknowledge a very kind letter of yours.

I have been waiting to hear from Sir Wm (which I have not yet) and to see whether, if he did not come I should be able to come to your meeting at Montreal.

I cannot yet say; but I fear I may be prevented,

which will be a great disappointment both to myself and to my wife, who thought of accompanying me. Moreover, I now see that it will be impossible for me to write a paper which I thought of reading, and I might not to come, perhaps — certainly I might not to accept your proffered hospitality and so exclude more useful persons.

I have no other invitation and I should enjoy yours very much if I could and ought to avail myself of it. I will come to the

meeting yet. If I can
and enjoy myself a
Other. on
The Linnean
Bond their tickets
Bentham, who
presented by the
of his wife — th
Hooker, who he
my great regret
has promised t
out by him
year), and
Hermann
Hopping fel
a great fa
from the
nations.

meeting yet, if I can,
and enjoy myself as a
looker-on

The Linnean Society
offered their ticket to
Bentham, who was
prevented by the ill-health
of his wife - then to Dr.
Hooker, who declined, to
my great regret - (but he
has promised to come
out by himself next
year), and finally to
Seemann, - an en-
terprising fellow, but
a great falling off
from the other nomi-
nations.

Letter Gray June 1851

I shall still have my hands full of college work for a week or two, and the printer has me close in hand.

Will you come down to our commencement on the 15th prox. & the Alumni celebration (& Everett orator) on the 17th? We should be glad to see you here, and Mrs. Dana also, if she will come.

I caused my Lesson and the Manual of Botany to be sent you in the spring. I hope you received them.

Yours very truly

Asa Gray

University College, Toronto.
March 24th. 1857.

My Dear Sir

You were so kind as to promise a communication for the Canadian Journal this year, — and I hope, notwithstanding the many claims on your time you have not abandoned that intention. I should be glad to see Canada somewhat respectably represented by means of its scientific periodical; but the number as yet capable of effectually aiding in such work is small; and not the least irksome part of my editorial duty consists in soothing the irritated feelings of rejected contributors. When you can

spare a moments leisure, be so kind as inform me how far I may trust to you in this matter, and at what time it will be convenient for you to fulfil your promise.

I trust McGill College continues to progress under your able leadership; though the work you have undertaken must not be expected to bear its fruit in a single season. If I am not mistaken, you have added new duties of a very onerous kind to those formerly devolving on you. But I have very faith in your full success. You have perhaps observed the addition of my own name, along with two others of my colleagues, to the University Senate. The duties

resulting therefrom have been tolerably laborious; for we are revising the whole work de novo, having suffered not a little from being compelled to work out a system, framed to a great extent by theorists, who – with the best intentions, – enacted impossibilities; and fancied that the setting down any amount of requirements in this course of study was equivalent to their acquirement by the students of the Province. We have had, accordingly, a matriculation examination which nearly barred the door against entrants; and for the remainder of the course, I calculate that 50 lectures per week was about the minimum for my own department alone! Our new course will not be perfect;

but I hope it will prove less
theoretically perfect, and more
practically adapted to the wants
and the preparatory facilities
of a new Country. I shall
be able to send you a copy
before long.

We had a hint lately that
your Citizens are not forgetful
of the duties they have undertaken
in relation to American Science.
I trust the Montreal Association
will put every
the Albany meeting in
the shade; notwithstanding
the oration of Everett, and
the munificence of Mr Dudley.

Pray present my most respectful
greetings to Mr Dawson, and
believe me most truly yours
Dan. Wilson

Oct 12 1857.
Phila.

Prof. Dawson
Montreal

Dear Sir

I have been too busy to attend to anything but my business affairs since I had the pleasure of seeing you last and have no idea whether the enclosed abstract of one of my papers will be of any value to you or not. If it be you are welcome to use it in any way you please. I may have more leisure this fall (unhappily as the evil times cause a complete paralysis of business) and will in that case send you some geological scraps which you can stick into holes & corners of your sheet. We are in great trouble here. Our oldest & richest houses are fast falling, crashing the smaller houses around them. None is safe. No one foresees the end. Scores of thousands of work people are destitute of work & will soon be of food. Riots follow. Debts are universally suspended. Money has disappeared, with confidence. God only knows how we are to pass the winter. But it is right to hope for the best & struggle through.

Very truly Yours. J. P. Lesley

Best thanks respts. for Mrs Dawson —

My dear

The Mum A
depions a fe
It was
sincerely pul
trust ni
good
Instruc
of Bu
has in
Our a

McGill College
Montreal
Sept 14, 1857

My dear Sir

Our meeting of the Assn Association closed its sittings a few days since. It was on the whole a successful one and I trust will do much good here. Ramsay well maintained the reputation of British geology and was indeed quite a favourite. Our american friends did

bring much that was very new in Science, and unfortunately Agassiz and some others of the best men were not present. Canada took a large share of the work. Dawson is doing some excellent things in explaining metamorphism. They will appear in their report now printing. Logan is I think making it more and more probable

that the Laurentian rocks
have sediments just like
their successors and probably
with life. I am looking anxi-
ously for the first fossiliferous stratum
which I have no doubt
will turn up

I send a paper on
<u>Sternbergia</u> and will send
you copies in a few days.
I also noticed some new
fossils in the drift. Since
I came here I have ascer-
tained in all 19 or
20 species not previously
observed, among them a

Spirorbis, a Tubinella, a Bulla and a Sponge represented by great quantities of its <u>siliceous spicules</u>. I am also studying this formation with reference to the deep sea and shallow water beds and the geographical limits of the sea basins appertaining to different heights of the land. This valley affords excellent opportunities for such studies and I shall be very glad to receive any hints from you as to useful directions for inquiry. Most of the shells yet found belong to a very limited sea basin the

shores of which were only
100 to 120 feet above the
present sea level.

We are getting up a
pretty full report of the
Association for the Canadian
Naturalist. I shall send it to
you.

I hope this winter to
finish my paper on the
Nectarian strata and perhaps
something on the Lower Carb.
surfaces and measures. My
College work will however
leave me little time
though I shall not be

so much burned as last winter.

With best wishes to Lady Lyell and all friends in London

Ever yours very respectfully

J W Dawson

Copy Royle
Sept 1/7

Edinburgh Oct. 22. 1833

My dear Sir, I have this day received a copy of the Canadian Naturalist: and yesterday came to land a few diatoms which I ought to have fished out of the St Lawrence. Many thanks for both. My tour in America is now complete: the only part of it which I paid in was the scientific, and I think I shall keep my commission and either pay

nothing about it or
say and not print.
I am busy now preparing
for Albany — and among
other things I am going
to shew up another
in my introduction Secre-
tary. Perhaps I shall
print as a small
pamphlet all I can
and if so I will send
you a copy. We want
as far west as the
Mississippi and as
far south as the
Mammoth Cave: and
I reached home with
past two days to

yet before our work
of examination com-
menced. I am more
hopeful in Canada &
in the States in finding
the work of Education
going on which I
failed to do in
Montreal. You will
be surprised to learn
that Prof H. Rogers
has obtained a Chair
in the Glasgow University.
I wish you had been
the man as we
really want a Geologist
in Scotland. All our
Scott Geologists go
south. Pillans

Kelland

has been making Nov 1st
lively enquiries after
you both the author
of the "Diatomaceæ"
dead & they are advertising
for a successor in York
The whole country is at
this moment divided between
the dreary looking
& the American money
panic - The combination
is ruining business by
tightness of the money
market - But such
should affect little
I hope any of you
are well & enjoying
excellent administration
& pray kind regards
to Mr Dawson & your
little Mr Pellew
yours
J Kelland

McGill College
Montreal,
Oct 1887

My dear Sir,

I enclose a few specimens of Entomostraca from the lower series of coal measures at Pictou Nova Scotia. Will you favour me by examining them and giving me your views as

& then appointed for
a paper which I
hope to send to
the Geol Society in the
coming winter on
the Lower Cambr
Mammals of New
Section. If you should
not have time to give
me an answer before
I send the paper
please append a

note & the paper
itself. I should much
like to have your
opinion as to whether
there are a hint to
lower or upper Carbo-
niferous forms, and
to Neozoic or Permian
species.

Copy to
Ines
Ad

Copy of
Inc
Ad

New Haven Aug 26. 1887

My dear Sir:—

I cannot forbear writing you a word to tell you how much I enjoyed our meeting at Montreal, and how warmly I appreciated all your kindness and your efforts in behalf of the Association. I have heard such glowing accounts of the excursion on Thursday, that I regret I could not have joined it. Tuesday evening, as you may know, I went to Quebec, and found there much to enjoy in the scenery around, the Falls of Montmorenci, and the Beauport Pottery. — The week was every way a delightful one. It would give me much pleasure to see you at New Haven, and I hope your journeyings may

some day lead you this way.
Please present my respects to
Mrs Dawson & believe me
very truly yours
James D. Dawson

Principal Dawson
McGill College

J. D. Dana
Aug. 1[illegible]

Prof. Dana

most interesting. I
express your opinion
spinel very where
are very curious.
and, & some have
microscopic. How
are long masses? –
Send specimen
Dwell you very e
a vein of Sn & [illegible]

I had a v
through Detroit tra
with you & your e
the judge & his law
myself. Livi
truly entertained a
pleasant visit home
and have been v
I congratulate yo
cases of the Cabo
examination of you
report for your

Boston Sept. 19. '57.

Prof. Dawson

Your discoveries are most interesting. I am not aware that many of the species you mention have heretofore been found any where in the drift. The Spicules are very curious. Some are acuminated at both ends, & some have the blunt bulbous end, as in Spongilla. How do you get it in such clean and large masses? –

Send specimens whenever convenient and I will give my earliest attention. I should like a series of 5 or 6 Fusus tornatus. I have not one.

I had a very pleasant time at Montreal, though I should have preferred to spend more of it with you & your scientific books rather than with the Judge & his law, could I have decently excused myself. I visited Quebec & Beauport, and was truly astonished at the shell deposits. Had a pleasant trip home, via White Mountains & Portland, and have been working vigorously since.

I congratulate you on being disburthened from the cares of the Convention. & I presume a quiet resumption of your college labors. With sincere regards for yourself & Lady, I am

respt. & Aug. A. Gould

A Foulds
May/57

Fire Island N.York, Aug. 4th 1867

My Dear Sir,

Your letter has been duly received - and in reference to the specimens will have all of consequence hacked up and will bring them with me to Montreal - Such as are necessary I can bring back with me - You have not bored me, on the other hand I have been looking forward to a time when I could command a quiet day or two to examine and compare these fossils and expected long since to do so but it has not been done - It will be for my own pleasure and advantage as much as anything else certainly that will induce me to make the examination -

I have had so much to do that I could not get at them, and so much to do that at last I am worn down & sleepless & like many a better man

before me am here in exile rather
than take the other alternative —
I shall go home and leave for Montreal
on Monday next.
Do not calculate too much on
your address for me — the few
weeks past that I had all the benefit have
been spent in a very uncomfortable
state of health. If I am well I
will try and talk to you for an hour
but the time has been usually about
the third day in order to give time
for all the members to assemble.
Don't put me in a pulpit for
mercy's sake and if you can give
me a south facing I shall like
it best —

I will talk with you about the
collections as soon as I see you, and
I shall wish to see you on my arrival.
I hope to be in the house with
Sir Wm Logan but I do not know
yet my locality in Montreal positively.

The Persia has sailed here to day for N.Y.
and I suppose Ramsay is on board, unless
he has concluded to take the screw steamer
direct for Montreal – I am sorry
that Sir Rodrick couldnot come out –
Please make my kind regards acceptable
to Mrs Dawson and believe me
very sincerely Yours
James Ball

Wm J. W. Dawson

April 29, 1[illegible]

Clarendon Hotel
Quebec August 8

My dear Sir.

Many thanks for your letter and kind invitation – I am here partly on business with a friend and shall consequently be unable to avail myself of your hospitality – We expect to be in Montreal on the morning of Wednesday by boat. Would you be so good as to engage two bed rooms

for us at Dunnegans
I have letters of 25th
from Gregory & Hall
Jonn - and am at Ayer
& bring back a fair
account of the meeting
for the Edu Journal
in which I generally
write the Mathematical
& Physical Reviews -
Perhaps you will help
me to this - I perhaps
detain 3 days to
the meeting and
then I see the pro
gramme shall map

with my friend to
as to secure the best
days I can

I am
Yours very truly
P Willard

P Kelland
Aug 1/54

Toronto. Aug. 8th 1857

My Dear Sir

I purpose leaving this on Tuesday, by the steamer at 3 p.m. for Montreal.

We have a meeting of the Senate on Monday, and anticipate the necessity of an adjournment to Tuesday, so that I am kept in harness to the last moment.

All accounts concur in giving the promise of a most interesting meeting at Montreal; and should

the highest anticipations be realized, I believe it will be to a great extent owing to your individual exertions.

In haste.

With very sincere regards and best compliments from Mrs Wilson and myself to Mrs Dawson.

Believe me
My Dear Doctor
Yours very truly
Dan. Wilson

Dr. Dawson

&c &c &c

ticipation
belum
a great
to your
ction.

yours
ently
and
zon,

tion

D Wilson
Aug 1857

Edin 6 August 1857

My Dear Sir

I delayed to the last in the hope that I might have been able to accept your kind invitation & visit Montreal. I find however that it was impossible for me to get away on account of the urgent duties which did not finish until 1st August. —

One of our Professors (Kelland)

is the in Camden & I hope
he will see you at Thursday.
Give my best acknowledg-
-ments to the Committee
for their kindness in nominating
me. I was offered a
free passage to & from
Camden as a representative
of the Royal Society &
I can assure you
it was with great
regret I was compelled

to decline the offer.

I am glad to hear that you can make use of my information as to Cecropia pellata with its hollow ~~pulle~~ pupation pith.

I shall be glad if you will kindly send me a report of your discussion meeting for insertion in our Philosophical Journal

Our next No. is the publication
on 1st October.

Any papers you can send
will be valued & used.

Yours in haste

Yours very truly

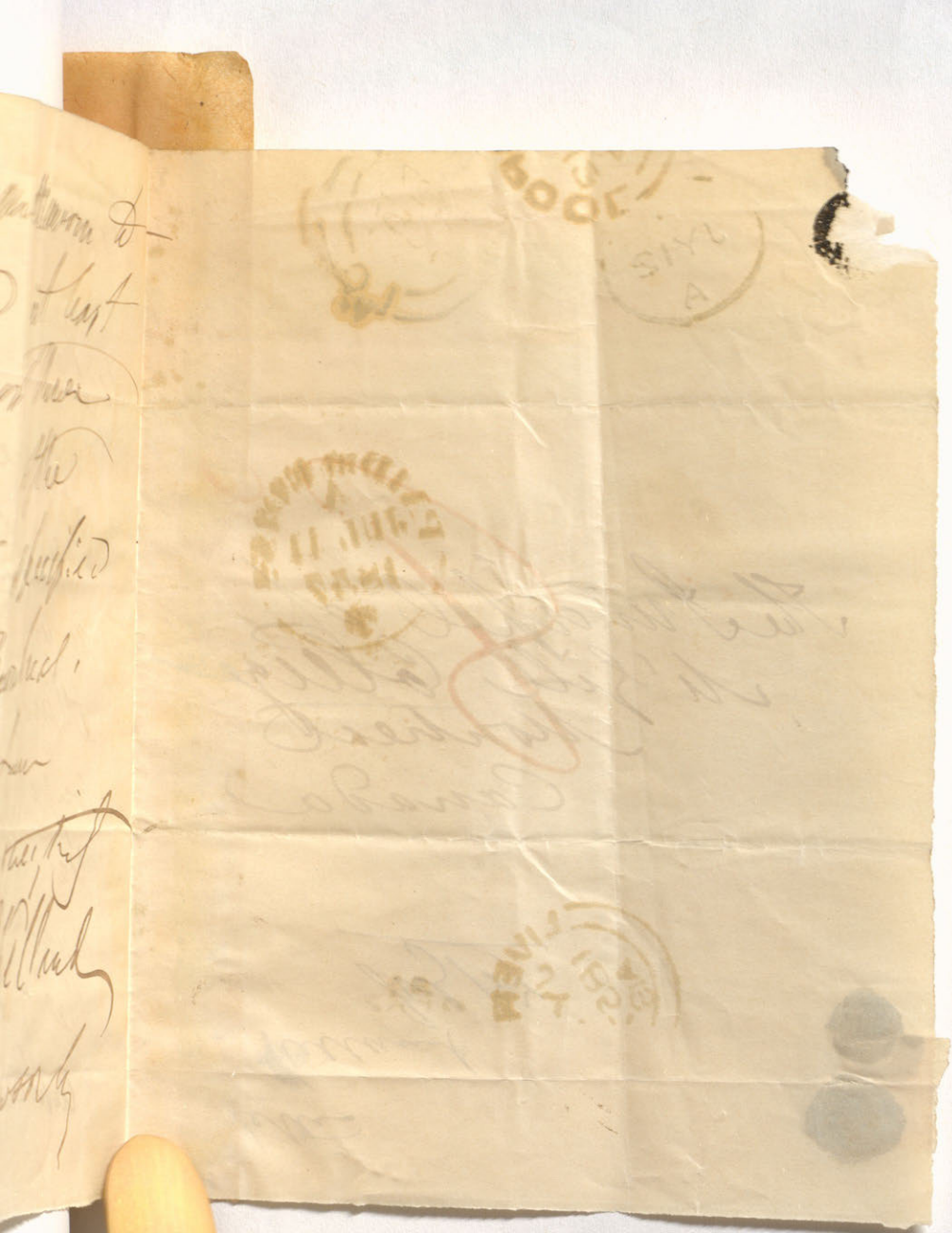
W Walsh

Edinburgh July 10

My dear Sir,

Some months since I received an invitation to attend a Scientific Congress at Montreal on the 12th August. I now wish to accept the invitation — and

shall endeavour to
show at least
two or three
days after
week specified
at Montreal.
Lam
Yours, truly
P. Willard
J. W. Dawson



JY 12
A

POOL
N

5

EDINBURGH
JUL 11
1857

The Principal of
M'Gill College
Montreal
Canada

Ottawa
Feb 1st
1857

Cambridge. July 20, 1857

My Dear Sir

I was glad to see Mr. Gould and his brother. When you see him tell him he lost much by not staying to the Alumni dinner.

Thanks for your lecture, or article, reprinted from Barnard, an important subject, well treated.

As far as I have looked I know of no one other has described such pitts as you send, and I never

saw any such. —

I think you may justly treat it as a novelty, — till some one lets you know it has been remarked before.

I much regret to say that, as the time draws near, the chance of my being able to leave home and attend your meeting grows rapidly less.

I am desperately in arrears, and must make the most of this vacation, and work

hard with the thermometer above 90° in the shade — sometimes.

I wish you a most prosperous meeting and I doubt not you will have it.

Ever yours truly with many thanks,

A. Gray

Letter Seal
1857

Jany 1857

J. Wilson
July/57

University College, Toronto
July 12th 1857.

My dear Sir

Many thanks for the renewal of your kind invitation to partake of your hospitalities during the Scientific Congress at Montreal. It will afford me much pleasure, and add, I am sure to my enjoyment of the meeting, to accept of your kindness. I regret that our special arrangements this year now compel Mrs Wilson to abandon her original intention of joining me. She begs me to express to Mrs Dawson, as well as to yourself her grateful sense of your kindness, as well as her regret in missing the anticipated pleasure of making Mrs Dawson's acquaintance, — a pleasure, however, as she trusts, only delayed.

I send you by this mail such of the documents as are printed relative to our improved course of study, including the University Statutes. They are only just out; having received the requisite approval of the Governor in Council, just before he left for England. Our Examinations, which are just over, have been on the old subjects.

I have not yet had a moment's time for other work; for Meetings of University Senate, College Council; Library, Buildings, and other Committees, have prolonged our labours into the Dog days of July. But these I trust are nearly over. I have a theme for the Ethnological Section which I shall now try and work out, in time for the Meeting — assailing some of the American Dogmas. In the

May number of the Canadian Journal I reviewed the latest production: Gliddon and Nott's "Indigenous Races." I was very much hurried; but tried to show its weak points, — which are obvious enough. It would have been easy to write more severely, if that would have done any good.

I was glad to see the evidences of good success which attended your closing ceremonies, and gave proof of the good fruits already resulting to McGill College, from the acquisition of an able head. We have also wound up our academic year in good hope and spirits, though it is still the day of small things.

Dr O'Meara told me of his

intention to prepare and read a paper before the Ethnological Section. It will I presume be chiefly philological; but designed to combat some of Schoolcraft's views; a gentleman who struck me, when at Albany as taking credit for rather more knowledge than he possessed.

Whether Dr O'Meara, however, is the fittest antagonist may be doubted.

I shall have great pleasure in meeting Mr Gray, with whom I am familiar.

With kind regards to Mr Dawson from Mrs W. and self,

Believe me
Most truly Yours
Dan. Wilson

J. W. Dawson D.C.L.
&c &c &c

My dear Sir

I assure you that I feel very sensibly the honor you have con=ferred upon me by inviting me to the meeting of the American Associa=tion for the advancement of science at Montreal —

My time of life and the great secri=ty with which I suffer at sea will deprive me of the extreme pleasure of meeting with the many men of high science to be assembled in

that

that city — and of thereby adding to my little stock of American Geology

I thank you too for the kind terms of your invitation and I am glad of the opportunity of saying that I have been so happy as to hear that you are worthily filling your important place — and have won the entire esteem of the people you desire to benefit —

Please to convey to Sir William

Logan my grateful remembrance,

Had not your letter been mis=
=directed (which is not wonderful)
you would have heard from me
earlier —

I am, my dear Sir
very faithfully yours
J. J. Bigsby

89 Gloucester Place
Portman Sq.

June 8/57

J. W. Dawson Esq.

Argos
June 1857

Albany Aug. 4th 1845

My Dear Sir,

Your favor of the 26th June reached here during my absence in Canada where I have been with Murray exploring some localities in the flat country of Canada West.

In reply to your inquiries I need scarcely say that it will give me great pleasure to see the fossils you mention, and if they are such as at once I can find time to examine them before I go to Iowa in September. Should there be new or interesting forms I will inoculate them and you can leave them here or have them returned. I shall not return from Iowa till December and could not promise to have

any drawings made before January.

I can in a short examination indicate the formations and the subdivisions of corresponding to any of ours and since I have had the pleasure of arranging Mr Logans collections from Gaspe I am much interested in the ~~forms~~ fossils and the phases of condition which they indicate.

I do not think the Lithuale of Chaucas to have been flexible.

I am writing in great haste having so many unanswered letters before me and much yet to do for my preparations for Iowa or before I am ready to go there.

I am very sincerely
Yours
James Hall

e before January
st examination
s and the
orresponding
ance I ha
arranging
etters pu
interested
and the
on March

the Lefta
en flexible
d haste
ssuch
d much
ustrous
I am

faithfully
h
Hall

Letter
James
Aug 1866

King's College. Windsor N.S.
June 5th 57.

Sir,

I am glad to have it in my power to meet your wishes as expressed in a letter to the Rev. J. C. Cochran which he lately forwarded to me; indeed I had anticipated them to a certain extent, for knowing the interest taken in the Geology of these provinces by yourself and Sir. W. Logan, and others in Canada, I sent a few fragments of the Natrolite collected by favour of W. Bowman Esq, who left this for Canada a short time ago, for distribution in such quarters. As regards the details of analysis etc, I sent them to the Editors of the Edin. New. Phil. Journ. but I do not know whether they will appear in the next (July) number: I intend to send a similar account to Silliman's Journal but have not yet learned the address of the Editors of the same.

In that account I have said that the mineral occurs along with the Glauber-Salt, in narrow cavities about 2 inches deep, partially filled, forming a kind of interrupted vein in the solid body of the plasterwork, about 30 feet below the surface, and extending horizontally some few feet: If I should get any separate printed copies of the detailed notice I shall be happy to forward one, and in the mean time,

I have the honour to be,

Your obt. servt.

Henry Hall.

J. W. Dawson Esq.
Principal of M'Gill College
Montreal.

have heard
now along with
ward carriage
centrally filled
pled Vein
plasterwork
surface,
ly same
any
the details
to forward
time,
to be,
ort.
Yours

D Ann
June 1/57

Stewart &
Lemuel
May

My dear M

I have
from N. Ho
his excellent
William i
to come over
and take a
country and
friends on the
Atlantic,
of course tim
or as to be
reunion at
I have p
using every

Harvard College
Cambridge, Mass.
May 26. 1857

My Dear Mr. Dawson

I have just learned from Dr. Hooker that his excellent father Sir William is half inclined to come over this summer — and take a look at the country and see his attached friends on this side of the Atlantic. He would of course time his visit so as to be at the Scientific reunion at Montreal

I have just written, using every persuasion

I can to use his coming.
Although he, doubtless
has no thought of
such a thing, nor has
Dr. Hooker suggested it,
yet, if your local
Committee have any
passages at their
disposal probably
they could not do better
than to offer one
to Sir William:—
and to suggest it is
the purpose of this
hasty note from
Yours faithfully &
truly Asa Gray

P.S. I mailed to you
recently an article from
Illinois Journal

A.G.

A

Rec'd Gray
May 1[illegible]

Jardine Hall 4 May 1857

My Dear Sir, I have this day your kind note of invitation to the meeting of your associates and much I would like to come over but I fear I am so pledged to take some part in our own which meets 26th. I am much fear that I shall not be able – However we shall see, We have been agreed deal occasioned by salmon on the artificial propagation

of the Salmon with a view
to increasing its production &
the experiments which were done
whether the young remain 15
months or two years in the
fresh water were to be ~~decided~~
completed during this summer.
The report of last year is hard
to grow now —

You may depend on a notice
of your meeting being given in
the next No. of our Journal
which will be in time for it —

If with you could let us know
a good notice of what takes

please at your meeting it would come for our October number —

I am very anxious to procure one of your Salmon which is considered as S. salar. The american fish is always considered as the same with the British but I have been told on Sportsmen of com=
=petency that — Could you procure this for me ? believe me

Yours very truly

W W Gardiner

Sir W Fanshawe
May 1857

NEW YORK STATE LIBRARY

Gavit & Co. Albany

Regents of the University of the State of New York

(ex officio)

TRUSTEES OF THE STATE LIBRARY

Albany May 21 1857

I am directed by the Trustees of the State Library to return you their thanks for your donation of Contributions toward the improvement of Agriculture of Nova Scotia. By J.W. Dawson. 2d Edition Halifax 1837. 8v

and to state that the same will be duly acknowledged in their next Annual Report to the Legislature

By Order

S. B. Woerd

Secretary.

p J.H. Hickcox

To Mr J.W. Dawson

Mr Bradley
May 1/59

REGENTS OF THE UNIVERSITY.

Secretary's Office

Albany, May 20 1859

My dear Sir,

No lists of persons invited to the late meeting of the American Association for the Advancement of Science were preserved. Invitations were sent to the Presidents and Professors of a large number of the Colleges of the several States, and to all persons known to be devoted to science — to men eminent in professional or political life, and to such others as were known to the individual members of the Committee.

I shall be most happy to give you

any further aid in this matter in my power, and if, on conversing with other members of the Local Committee of this City I can find what will aid you will forward it to you.

Very respectfully
I truly Yours &c.
S. B. Woolworth,

Woolwich

Chadbourne
May 1857

Williams College
Williamstown Mass
May 15 1857

Prof. J. W. Dawson
Dear Sir

Professor Loring has referred me to you for information respecting a proposed tour into the Territory of the Hudson Bay Company. What is the best point of departure? Can reliable guides be obtained at a reasonable expense? How long would it probably take to reach the Bay from Montreal? How much of that distance would

would it be necessary to
travel on foot? At what
season would it be best to
start? I should be glad
of any information you
can give respecting all
any of these questions. I have
just returned from a tour
in Florida & the years of
I spent some time in
wilds of Newfoundland. I have
now to make a journey
the North inland. I hope
to be at the meeting of
the Association, but
wish now to communi-
cate with a gentleman in
Georgia, who proposes to un-
dertake the journey with me.

Very respectfully your

P. A. Chadbourne

St Mary's Lodge
York
23 April 1857

My dear Sir

I hope some time to be able to enter a ship of 3 wave lengths, & 10 cross capacity to the great world of the West — where so many of my friends are working on matters which delight my mind. But on this occasion, much as I should

like to give the American
Association for Friends, our
own Meeting in Dublin,
which begins 26 August,
renders it impracticable for
me. I shall make known
in Oxford (to which I return
almost immediately from this
my old home) your very

obliging invitation.

I hope to see more of you on your next visit to the old Country, where you have secured many friends & well wishers, amongst them I pray you to count always

Yours very truly

John Phillips

Phillips
May

Royal Society of Arts of Jamaica,

Kingston, March 19th 1857

Sir,

I am instructed by the Council of this Society to forward to you a Copy of a Resolution unanimously adopted at a General Meeting of the Members held on the 20th of October last, and conveying a vote of thanks in your favor, with which instruction I have now great pleasure in complying, and you will find said copy herewith.

At the same time I forward to you as per said resolution two parcels addressed containing copies of the numbers comprised in the two volumes of our published Transactions up to December last. Nos 7 & 8 of Vol. 1. are just now out of print.

I have also to state on the part of the Members of the Council, that in hereby placing themselves in communication with you, they do not doubt that you will most readily reciprocate their sincere and earnest desire to make this Society as widely useful as possible, and consequently they trust that in whatever manner you can thus promote their views, and the interests of Science, you will afford them all necessary cooperation and assistance. Your occasional correspondence with me on subjects of mutual advantage will always be highly appreciated, and promptly responded to.

I remain,

Sir,

Your Mo. Obed. Servant

J. A. Garcia del Rio

Secretary

To

J. W. D. Dawson Esq. A. M. F. G. S.

&c &c &c

Resolved—

be presented to the Revd. Wm.
to the Literary and Scientific
Nova Scotia, relative to our
favor and attention they may
also returned to Sir William
Canada, for his present of the
to Professor Bonney Croft. F. G.
present of the Transactions
A. M. F. G. S. Principal
College, Montreal, for his
specimens of plants from the

That the Secretary
copies of our Transactions
That the Section
and convenient to select specimen
the Colony, with a selection of
Geology of the Island, to be
Washington; to McGill Coll
and to the Directory of the

True extract

Royal Society of Arts of Jamaica,

Kingston, March 1857.

Resolved — That the thanks of the Royal Society of Arts be presented to the Revd. Mr. Philippo for the information afforded by him to the Literary and Scientific Societies of the United States, Canada, and Nova Scotia, relative to our labors, and our readiness to reciprocate the favor and attention they may please to show us, and that our thanks be also returned to Sir William Logan, Director of the Geological Survey of Canada, for his present of the Reports of the Geological Survey of Canada to Professor Henry Croft, D. C. L. of the University of Toronto, for his present of the Transactions of the Canadian Institute; to J. W. D. Dawson, A. M. F. G. S. Principal Professor of Natural History at McGill College, Montreal, for his present of a volume on Acadian Geology, with specimens of plants from the coal formation of Nova Scotia.

That the Secretary be instructed to forward to said gentlemen copies of our Transactions as far as they have gone.

That the Section of Geology and Mineralogy be requested as early as convenient to select specimens of minerals illustrative of the Minerals of the Colony, with a selection of Geological specimens also illustrative of the Geology of the Island, to be forwarded to the Smithsonian Institute, Washington; to McGill College, Montreal; to the University of Toronto, and to the Directory of the Geological Surveys of Canada.

True extract from the Minutes

J. A. Garcia del Rio

Secretary

Testamentary Papers

Montreal 12 Feby 1857

My dear Mr Dawson

Here is a letter addressed to you which you must have left on my table when you last called.

I am much obliged to you for the map of Prince Edward Island. Several latitudes & longitudes are stated in figures on the face of it. Drawing lines on the map by these as a guide, latitudes are not parallel, & meridians run zig zag. So that it is

evident the draughtsman has not tested his work by his own data.

On the ~~small~~ reduced map which there is in the corner Chignecto Cove is given as it is on the admiralty chart, but Mackay has it ~~too~~ 18 miles more to the westward, as well as broader. It is most gratifying to find such discrepancies

Yours truly

W. Ross

Bryce McDowall

ghtsman,
his work,
ta.

reduced
in utter

Cafe in
the admirals
day that
on to the

ork as

work for
uch de-

ely
Horace

W E Logan
1857

No. .....

Smithsonian Institution,

Washington, D. C. May 1st 1857

Dear Sir

I received your kind letter yesterday I failed to get your letter at Cleveland but have since requested my friends there to select and send to you the specimens you desire, and I presume you will have rec'd them by the time this reaches you.

I hope you will be able to make them contribute to your paper

I send you to day a copy of a small pamphlet which I have recently prepared for a railroad Co

I hope to see you in Montreal in August. Very Respectfully

Your obd't Servt

John S. Newberry

Newbery
May 1[illegible]

R. Botanic Garden
Edin. 9 March 1857

My Dear Sir

Make what use you
choose of the peculiar specimen
of wood in the Museum here.
I have reason to think that
it is the stem of Cycopia
peltata. It is sent in
ships as the Dunnage of
Indian. At Leith there
was an enormous quantity
of it sent in this way.

I have not been able
to get full particulars
relative to it. The Master
of these papers could
not give any information
regarding the tree.
Dr Fleming has seen
& think that it resembles
the Calamites of the fossil
flora & he means to draw
communication on the
subject to the Bot. Society
~~(Proceedings for 1855 p. 51)~~

the subject

It is nothing in the preceding.

for 1855 p. 51.

I hope you will work into the subject. We shall be glad to receive your paper for the Philosophical Journal.

I am sorry that I have de=layed to long in replying to your letter. The delay has been occasioned in part by enquiries as to the stem to which you refer. It is very lately.

that I was led to think
that it might be Cerrupe

Yours Sincerely

J. W. Belfour

Belfour
March 1837

Governor's Secretary's Office
Toronto C.W. March 31. 1857.

Sir

I am directed by His Excellency the Governor General to convey to you his cordial thanks for the copy of your book on the Agriculture of Nova Scotia, which you were so good as to send him. and further to express his wish that you will accept the enclosed copy of a small work which he has just written —

I have the honour to be
Sir
Your obt. Servt.
R. T. Pennefather

J. W. Dawson Esq.
Principal of McGill Colleg
Montreal

Oct 1837

Toronto Aug^st 4 1856

My dear Sir

My letter crossed yours and it is rather a pity that I did not like you give up it shortly the result of my labours as it would have thus appeared in evidence that without any communication we had arrived at the same conclusion a strong presumption in favour of its correctness.

I think there can be no doubt of the superiority of the large essay which I believe is No 20 - though whether it is too long for the farmers to read

demands more illustration of a pictori-
al character than the Board will
choose to bestow. I have my doubts
and it is certainly little more than
a full and careful compilation
of what has been done by Messrs.

No 19 I quite agree with you in
placing second

No 17. I have marked as one of the
best though liable to some objections
but the French essay No 10 seems
to me to have so much merit
that it cannot fairly be passed by
and as we are only asked to decide
on the best three in their order
I think I should be for making

at the 3d even to the leaving out of No 19. I have no objection however to a report that No 19 deserves reward and might with advantage be included in the publication

You probably remark that something may be found in some of the other essays which with the authors permission might be made use of with advantage

I hope we are likely to have no difficulty respecting our decision which we can formally

Hyde Park
1887

complete when I have the
pleasure of seeing you at
Montreal

I remain Dear Sir
very truly Yours
William Hinks

as Mr Hutton sent me a
Franck addressed to you in
your note. I have lost no time
in answering your Note as
was hardly necessary to thank

Toronto Aug.st 1. 1857

My dear Sir

It seems that you and I have been appointed to decide on the merits of the essays sent in for the prizes offered by Government for the best three essays on the insects which cause injury to the Wheat crops in Canada. I presume we have now each of us examined all the essays sent in being I believe 22 in number. I suppose you have by you the portion last put in your hands. I shall be in Montreal at the approaching meeting when I will take with me those I now have. Thus they will all be together and you can

probably arrange for our reviewing them together so as to come to a decision as it is now time that our award should be made.

The task of examination has been a somewhat laborious one and there is not much very original or eminently important to reward us. This however could not have been expected and if any thing which it will be useful to publish is obtained we must not complain.

It appeared to me from the first that after Mr Sidney's little book - blights of the wheat - Köllars insects injurious to gardens and farmers - Harris on insects of New England injurious to vegetation and

the papers in the Patent Office reports and New York Agricultural journals with some in the English farmers journal so the subject was pretty well exhausted whilst if a good compilation was thought useful it would have been better to have appointed a competent person or committee furnishing the proper means in the way of collecting books and papers - However I suppose what has been done is on the whole popular and our business is not to object but to carry out the plan by doing what is asked promptly as carefully as we can.

I have made short notes to aid my memory on the essays examined and I trust we shall soon arrive at some conclusion when we can give a short time to the subject together

Believe me to be Dear Sir
very truly Yours
William Hinchs

Thursday

May 18

16 Union Avenue
Wednesday

Dear Sir

I have received your of this morning and shall notify Mr Hunt this afternoon

I showed your last note to Sir William this morning and he agreed at once to your suggestion I think it will be a capital thing for the Naturalist. There are a great many things to be learned at the museum which would never find their way into the Reports

of the Survey and
yet one of importance
to a centaric extent
The naturalist ~~to~~ is
the proper channel
to make such things
public. I have
a consultation from
Cooper the Entomologist
at Toronto It is "a
valuable one He
offers to continue
the subject and I
have written to him
that if he wants
any expenses
to send down his

discovering some one
will get them surprised
If we can only se-
cure him permanently
he will be a valuable
addition to our corps
of Editors. Without
him we shall
not be strong on
the subject of
Entomology

Yours
respectfully
F. Billings

Bittings
Feby 1817

Albany Feby 14 1857

My Dear Sir,

I owe you an apology for not sooner replying to your former communication - your last of the 29th ult found me confined to my room and I am only now beginning to feel like working - It is of course too late for me to give anything in time for the date you mention and I am so pressed with other work that whatever inclination I may have is controlled by necessity. My long illness during the summer left my work to accumulate & I have not yet fairly mastered

some extra work I had undertaken for the Government — in and the week of June will I shall be free of all work except my pal. vol 3 & Canadian work & then I will take up your Joints and give you what I can —

I shall hereafter be more free for I have decided to undertake nothing new for a year to come at least.

I shall send a small package to Sir William in a few days and you will find something for yourself in the same —

I have no doubt you will quite out-do us in Albany in your arrangements for next August — I anticipate

a good meeting.

I must say one word about your Victoria paper — You know the matter is not quite a plain one and I have wished to be free for a few days to give an opinion worth having if possible — I regret extremely that you should have been delayed sending off your paper on this account —

With my best respects to Mrs Dawson

Believe me
Sincerely yours
James Ball

Jas Wall
Feby 1881

Albany N.Y. Feby 22d 1857

Dear Sir;

My object in addressing you this letter, is to ask if you would be willing to exchange a copy of your Acadian Geology for the report of the Geol. Survey of Missouri? I would also be greatly obliged to you for copies of your various papers on the geology of Novascotia.

I send you by the same mail with this a copy of the last paper by Dr Hayden and myself on the Cretaceous fossils from Nebraska. Also a small paper on some Cretaceous fossils from Duncanons Island.

I have recently received through the Smithsonian Institution another collection lately brought by Dr Hayden from Nebraska. I have not yet had time to open it, but he think it contains many interesting new things, which we hope to find time to publish with full illustrations in Lieut. Warren's final report. Dr H. returns to Nebraska as soon as spring opens.

Prof J. W. Dawson

Yours very truly
F. B. Meek

Z B Muh
Feg 18

Much
Feby 18

Malijas Feby 6. 1857

Professor J. W. Dawson
F. G. S. —

Dear Sir I received your letter Sept 4 and parcel of 'unios' soap and sound with the Exception of one valve of the largest W. Miami River. Rockies? which got somewhat damaged — I consider all, you were so kind as to send me, acquisitions to my foreign shells. and feel quite proud of them —

I must now Explain my apparent Remissness in not writing you long before this — on the receipt of your letter, I wrote to my friend on Sable Island to secure me a good specimen of Rostellaria Occidentalis &c & some other things I had promised — but owing to the pressure of wrecking business — he could not attend to it, until the season was too far advanced to send them to me — and of course I did not like to write you without sending all I had promised —

I have now a good specimen of R. O. for you — a Skull of Mackerel Tern most beautifully preserved, and a good many other things — Crabs &c & minute shells — some of which will perhaps surprise you not a little — I have added about 20 more varieties to my Collection of h S shells — through the Exertions of that able and persevering Conchologist Mr Haddock — duplicates of nearly all of which are at your service —

I have some good specimens of P. Magellanicus - Mac. Gigan-
M. Plicatula - V. Mercenaria - B. Undatum - Solen Ensis &c
so that if you would like any or Either of them please
to write me - I need not say you shall have them
with pleasure - If you should visit Halifax next
season perhaps it might be as well for me to keep
all I have for you until then - if you do not
write me minutely how I shall send them to you -
Nova Scotia is just now apparently on the brink
of a vast political disruption - the results of
which no mortal Eye can foresee - I can only
hope that he who rules Ever may guide us safely
more into the haven of mutual security & mutual
good will to all men of all creeds -
hoping this will find yourself & family enjoying
all the prosperity which should follow you

Believe me dear Sir
Most sincerely & respectfully
Your Obt Servt
S. R. Willis

Prin'l School
Halifax

allowances. Mar
on - dear Inigo
t - if there fo
u have other
Italian Mer
for me to ke
over our Rot
e them to you
r our the bri
t results of
I can only
ice us over
ty & Mutual

inly Enjoy
llow you

ir
respectfully
Sect
illies

ot
lyas

Letter
J R Miller
Feb 1/56

R. Bell
29/1861

Edinburgh 31st January 1861

My dear Sir

I thank you for your kind letter of 28th December, and for the information it contained regarding the Grand Trunk Railway. Your recommendation to hold the Bonds in the meantime, coincides with my own opinion of the matter, and while I can hardly expect to escape some loss, I must try to reduce the deficiency as much as possible.

I need hardly say, I did not purchase those Bonds as a speculation, but as a bona fide investment, having been strongly advised by a respectable Stock Broker here to take them as a safe security. He had been grossly deceived by parties connected with the Railway, and consequently led many of his clients into them, to his great grief and damage to his business. However, I must just make the best of a bad bargain, and be more cautious in future. Means are now being used to put the concern on a better footing, by dismissing of their officers there who have so recklessly managed the road,

Above security given over right of way to be held by you as security

and I believe that, when a set of Directors are put in, who possess the confidence of the people of Canada, as well as the British Bond & Shareholders, the affairs of the Railway will rally, and in course of time will pay a fair rate of interest.

It has been very difficult to convince the Bond & Shareholders in Britain that their ~~the~~ interest in the Railway, has been sacrificed to political factions, but such I am now perfectly satisfied has been the case. Now that their eyes have been pretty well opened it is to be hoped they will act energetically in demanding that the concern be placed on purely commercial principles, and then it will go on prosperously.

It is no longer a secret here that the Hon. John Ross, and Mr Blackwell, have been the chief delinquents in this business, and a stern demand is made upon the London Board of Directors, that these gentlemen be requested to resign, and indeed that a clean sweep be made of the present Canadian Directors who have entirely abused the confidence of the Bond and Shareholders. If you should hear of any thing affecting the interests of the Grand

trouble that is likely prove more injurious to the proprietors, and still further to reduce the value of the shares and bonds, I shall feel obliged if you will inform me, if it might become the wise policy to sell out at once and cut short the loss, lest I might get almost nothing out of it.

I was much astonished at the fact stated in your letter of you having had to pay extra postage for a packet of the Scottish Press, it being sealed with wax, as I never had never sealed it in that manner, but I have no doubt that was done designedly by some of the Post Office authorities, and the explanation of it I think is this. When the newspapers were reduced in size to a small sheet published daily in three a week, the public generally believed that they might put two or three papers together under one rate of postage provided the packet did not exceed a certain weight. Such, ~~within~~ a few days since, I observed a notice from the Post Office to the effect that, newspapers sent out of the United Kingdom, must each have the proper rate of postage stamps, or is liable in packets to have the number of postage stamps

correspondent to the number of papers enclosed. Since that notice was issued I have mailed each paper separately and shall continue to do so.

We were very glad to hear you were all well, and when Mr Dawson can command a much little time my wife will be glad to have a letter from her.

We are all well here, and indeed all the friends are so. I saw & I were at Mr Mercer's yesterday evening taking tea (they are residing for the winter mostly at a furnished house at Kensington next door to our first house) Mr & Mrs Coley were there, and they with all their family are well. John has repented of his very foolish step, and his discharge out of the army has been procured - he will now do anything that his parents think best for him. Mr & Mrs Thomas and their family are also well. - Mr & Mrs John Wallaughter also enjoy good health. all our absent ones were in good health when we last heard from them. Mathew Low gay and well, and is now entirely free of rheumatism. With kindest regards, very sincerely yours

Peter Bell

Pr Dawson

Toronto
Jany. 31st 1857

My dear Sir,

May I acknowledge your note of the 22nd last. together with two nos. of the Farmer's Journal and a copy of your 'Recentpi Contributions' - for these favours accept my best thanks - I have read your 'Contributions' with much pleasure - the remark on pages 28-29 points to a fact connected with the history of the Dettian Alg which I think has not been generally noticed, and seems to be of considerable

interest in relation to a rotation of crops where that destructive insect prevails - You say - "On lea land it (wheat) is very subject to rust, and also to the attacks of the Hessian fly, whose larvæ are generally present in the grass, and destroy the wheat which takes its place."

If you have a few minutes leisure during the next month may I beg you to let me know whether it is a common occurrence, according to your observation, to meet with the larvæ of the Hessian fly on lea land, also on what kind of grass the larvæ has

been observed & fed.

With many apologies for these enquiries, I am

Yours very truly

H. J. Bird.

Dr Principal Dawson

&c &c

Rind Zely/57

McGill College
Montreal
Dec 26, 1887

My dear Sir

I take a few moments of the breathing time after football & the Christmas vacation to send to you and Mrs Wilson the good wishes of the season, and to express my hope that your improvements in the College are leaving

good fruits. Here our
progress is encouraging.
We have raised our
number of Matriculated
Students in Arts to 35,
a fair increase on
our 17 in 1835. and
the increase is wholly
from beyond the limits
of Montreal, a very
hopeful feature, as it
shows that our opera-
tion is becoming pop-
ular. We are still

English Literature chair.
Some women incline
the governors to keep it
open for the young
man now acting as
tutor. We have a
recommendation from Dr
Lottman of
Do you know him.

Though I wish
you all success in Pa.
Center, I cannot help
sometimes wishing that
he could tempt you
to join us. With our
faculty of 18 under

To Wilson

Gindwin

Your ~~[illegible]~~ May 18 1865

on medical and Law
Faculties what they
are, we might make
an appearance second
to nothing on these
side the Atlantic, and
means would not be
wanting in the way
of the finest of men.
At all events, if the
Party men and their
allies prove dangerous
a turbulence, we should
be very glad to prop
of their folly.

I have just finished a somewhat elaborate paper on the Fossils of our tertiary clays — an expansion of the notes read at the Ann. Ass. Newton. It will appear in the Naturalist, and adds about 30 species to those previously known here. I am now working at the Lower Cret. Formation of Nova Scotia, out of which I hope to make something good for the London Geol. Soc. I find it very hard to

do much under the pressure of so much routine work and so many interruptions, but these things seem to sustain me rather than to exhaust my energies.

I see that two more of the other literary men of Scotland are gone, Fleming & Macfarlane. The New College will find some difficulty in supplying Flemings place,

as I suppose they have not means to divide the duties of his chair. What an opening for Hugh Miller had he been alive. With papers in Glasgow and Edinburgh in the Ministry, a really good geologist of the School of Murchison & Geikie in the new college, would be a great light in the present dearth of Scottish Natural Science. I suppose however they will want attractive name

than science as their School is so theological in its character. They have however a great chance to make the college <u>the</u> School for Geology in Scotland, if they improve it.

Kelland writes to me that he is preparing a lecture or pamphlet on American, and promises to send a copy. I hope he will not too severely take down our vanity; but I dread the terribly accurate criticism of Mathematicians.

With the great wish of the season in which we dance from year to year pretty

W. Dawson

N

Private

Albany May 8th 1858

My Dear Mr Dawson,

I wrote you sometime since relative to the Permian, mentioning the fossils I had in my possession — & I think I may have sent you a sheet from my Iowa report — I would now beg of you not to mention my name in anyway in connexion with the Permian matter — it has already caused difficulty enough, and I have been upbraided for claiming priority etc, which I did not do or at least I am not intended to do — I had the fossils in my hands but I had given them no special attention though feeling instinctively that they were above the true coal measures. You will please consider this

as private and make no use of it, nor in any way connect my name with the Permian system.

I have desired very much to see a set of the fossils left at the Nat. Hist. Society's rooms by Mr Blake during the ~~last~~ last year meeting in Montreal. Some of them were in a ferruginous rock – If I could see a few of them and have the particular locality it would be of great satisfaction to me –

Please accept for Mr Dawson and yourself the kind regards of Mr Hall & myself & believe me

Very sincerely
Yours
James Hall

P.S. While I was in Baltimore some of my Albany friends published a notice of the Wollaston Medal and sent your notice with comments –
I send you a paper

Holt
Collins 28

Hall
May 1/88

3 Highbury Grove
London N
Jan. 21. 1858

My Dear Sir

I shall receive your paper when it arrives with much pleasure & I thank you for the promised aid in the way of Spongillas as I am really anxious to add them to the 16 or 18 species of which the M.S. descriptions are lying by me. Dr Asa Gray has kindly sent me the Boston species which is new to me.

With regard to the small specimens of Sponges sent No 1, on Pecten is not H. ficus which is readily distinguished from H suberea by having on the dermal & other membranes an abundance of very minute spicula shaped thus ⟶ but requiring 4, or 500 hundred lenses to demonstrate them well. Nor do I think No 1. is H suberea but rather that it is a new species. No 2 round, sea weed by is new to me No 3 on Oyster Shell is also new to me & is probably a new Genus. No 5 Isha. palmata is also a new form of structure and very interesting. No 53 white pine is not H panicea but is closely allied to it

in its structure. Drawings of Sponges are of little or no use in the determination of species. If you have duplicates, especially of Nos 3 & 5 I shall be very glad of them for future description. As the portions sent are scarcely sufficient, by which a regular character could be drawn up. Any convenient opportunity will suffice for their transit as I have abundance of bottles on hand at present. If you require sponges let me know. I have duplicates of H. ventilabrum, infundibuliformis, Tethea crania, H. panicea, seriata and others that would illustrate Johnston's book but they cannot be sent by letter. With regard to the Ray Soc. Baird, Forbes & Dawson books only get into the market by deaths and are generally snapped up immediately & fetch very near publication prices. We do not as a Society ever sell separate books, but those of any particular year can be had separately for the Ann. subn of a Guinea. I had a bottle full of good spirits from an friend Ramsay the other day who appears to be right well well & jolly.

Yours
My Dear Sir
Yours Most truly
J. G. Bowerbank

Dr Dawson &c &c

THE writer is engaged on a History of the Spongiadæ, and will be exceedingly grateful to any naturalists, in favourable localities, either for information or specimens; and any expense incurred in thus obliging him will be thankfully repaid. Sponges are exceedingly various in their external form and appearance: they are either massive, branching, fan-shaped, cup-shaped, or coating other substances, and are frequently parasitical on horny zoophytes or sea-weeds. In substance they are light and elastic, rigid, gelatinous, fleshy, and sometimes hard and stony, and are frequently very vividly coloured; and they vary in size from the tenth of an inch in height or diameter to several feet. They are procured by dredging in from two or three to several hundred fathoms deep; and they are found in considerable quantities attached to rocks or sea-weeds, &c., between high and low water marks, and in the line of sea-weeds and other matters thrown up by the sea at high water mark. In every case the more they contain of their fleshy or gelatinous matter the more valuable they are. They should never be washed in either salt or fresh water, and especially not in the latter, as it makes them hard and brittle. They should be dried as speedily as possible, either in a shaded, breezy place or in a slack oven, after having been well drained of salt water; and if attached to small stones or other substances they should be preserved in the attached state. They may be packed in boxes from one to three feet square, or, if longer, a partition may be put in; and the best packing is soft, dried sea-weeds that have not been washed in fresh water. The small sponges should be placed in the cups or hollows of the larger ones, and, if very small or delicate, in chip or card boxes, or a screw of stout paper. Sawdust or cotton should never be used. The box should be filled up and closely packed, but without crushing. In selecting from the rejected matter at high-tide mark plenty of horny Zoophytes should be put in, and especially those which are full of parasitical matters, as such have frequently growing on them the most minute and curious species of the sponge tribe, and also numerous minute and beautiful corals. If a large stone be appended to the sponge it is best to secure it in a corner of the box, by boring two or more gimlet holes near the angle; pass a string round the stone and through the holes, and, drawing all tight from without, plug the holes and string firmly with wooden pegs, and cut off close to the box.

The writer would also be *particularly* obliged by specimens of Spongilla, or fresh-water sponges, as he is engaged on a Monograph of that tribe. They are found in rivers, lakes or tanks, and pools, attached to dead wood, rocks or stones, and are occasionally found surrounding the branches of trees, dipping into the water during periodical floods; and if they contain their granular, seed-like bodies they are the more valuable. Dry them just as they come from the water. If it be deemed necessary to preserve parts or the whole of delicate specimens of either marine or fresh-water sponges in fluid, the best material is strong spirit, or water with a *considerable* excess of undissolved salt in it, but *never* alum. Jars or pickle and fruit bottles, well corked and sealed, or tied over with bladder, are the best vessels for the purpose. Star-fishes should be dipped in *boiling* water from a quarter of a minute to one or two minutes, according to

the size, to coagulate the albumen. They will then dry rapidly, and preserve their colour. Echinoderms should have the mouth membrane cut nearly round, and the inside matter removed with a bent wire, and be well washed out with fresh water; then restore the mouth membrane to its place, and dry quickly. Small crabs and other Crustacea may be put into *strong* spirit, or water with a great excess of salt in it. Large Crustacea should be macerated in fresh water until putridity commences and the internal parts liquify; the connecting membranes between the head and tail should be slit and the liquid contents extracted; wash out well with fresh water, and dry rapidly. Nudibranchs, or sea-slugs, worms, and other soft Mollusca or Radiata are *best* preserved in spirit, or, if not to be had, in water with a great excess of salt in it.

Hints for Dredging.—Use Ball's double-cutting dredge. If worked in a few fathoms deep, have out rope about four times the length of the depth of the water, or it will not take the ground well. If working in deep water, fix a 14 or 28 lb weight about a fathom above the dredge, and this will bring the rope down to a good working angle. If working on a dangerous bottom, tie the two tug-rings together by a single turn of spun yarn or lay-cord, and let the tug-rope pass through only *one* ring, so that, if the dredge hangs, the spun yarn breaks, and the pull on the dredge is from one end only. Calm weather is best for dredging; and if there be wind sufficient to raise a white curl on the water it is generally too rough to do good work. Stony or rubbly ground, and especially old oyster or shell-fish beds, is the most prolific ground.

All packages should be addressed thus:—"*Natural History.* Mr. J. S. Bowerbank, 3, Highbury Grove, London." The writer will gladly return the kind offices of his brother naturalists in any manner that may be most agreeable.

If I can render you any other similar services, I shall be most happy to remain

My Dear Sir

Yours most truly

J S Bowerbank

3 Highbury Grove
London
Nov 17. 1857

Dr Dawson &c &c

My Dear Sir

Absence from home prevented me from replying to your letter of Oct. 19. by the last mail but I hope this will still be in time for your purpose.

The large fusiform-acerate spicula you have sent me can only be parallel in two known Genera of Sponges. Geodia & Tethea in both of which they would probably be external defensive spicula. Had they belonged to the first Genus they would most probably have been accompanied by large siliceous spherical & oval Gemmules, but I have not observed the slightest traces of such organs among the spicula sent & therefore conclude that the spicula belong to a Tethea. In this genus the species are often furnished with fascicules

Bowerbank
1857

of such spicula which are projected for about half their length through the Dermal tissue of the sponge to defend it from the attacks of annelidoxe, and among the spicula sent from such fasciculi bound together at the base by the remains of the dermal coat of the sponge in a semi carbonized state yet still retaining — when mounted in Canada balsam much the same appearance as that presented by the carcodous tissues of the recent Tethea and in one specimen mounted there is a group of vegetable cells - probably fucoid in an equally fine state of preservation. In the recent Tethea there are often secondary groups of defensive spicula the points of which project very little beyond the dermal membrane of the sponge, and these do not attain above one third the length of the larger one. Such spicula I also observe are embedded in the bases of the bundles of large spicula in the fossil specimen sent, they have about the proportions sketched ——— . From the circumstances therefore I conclude that the spicula

sentence are those of a Tethea. In this case the Tropic should, in accordance with known recent forms be either spherical or oval and the Vascula should be arranged more or less in rows in the surface in either

THE writer is engaged on a History of the Spongiadæ, and will be exceedingly grateful to any naturalists, in favourable localities, either for information or specimens; and any expense incurred in thus obliging him will be thankfully repaid. Sponges are exceedingly various in their external form and appearance: they are either massive, branching, fan-shaped, cup-shaped, or coating other substances, and are frequently parasitical on horny zoophytes or sea-weeds. In substance they are light and elastic, rigid, gelatinous, fleshy, and sometimes hard and stony, and are frequently very vividly coloured; and they vary in size from the tenth of an inch in height or diameter to several feet. They are procured by dredging in from two or three to several hundred fathoms deep; and they are found in considerable quantities attached to rocks or sea-weeds, &c., between high and low water marks, and in the line of sea-weeds and other matters thrown up by the sea at high water mark. In every case the more they contain of their fleshy or gelatinous matter the more valuable they are. They should never be washed in either salt or fresh water, and especially not in the latter, as it makes them hard and brittle. They should be dried as speedily as possible, either in a shaded, breezy place or in a slack oven, after having been well drained of salt water; and if attached to small stones or other substances they should be preserved in the attached state. They may be packed in boxes from one to three feet square, or, if longer, a partition may be put in; and the best packing is soft, dried sea-weeds that have not been washed in fresh water. The small sponges should be placed in the cups or hollows of the larger ones, and, if very small or delicate, in chip or card boxes, or a screw of stout paper. Sawdust or cotton should never be used. The box should be filled up and closely packed, but without crushing. In selecting from the rejected matter at high-tide mark plenty of horny Zoophytes should be put in, and especially those which are full of parasitical matters, as such have frequently growing on them the most minute and curious species of the sponge tribe, and also numerous minute and beautiful corals. If a large stone be appended to the sponge it is best to secure it in a corner of the box, by boring two or more gimlet holes near the angle; pass a string round the stone and through the holes, and, drawing all tight from without, plug the holes and string firmly with wooden pegs, and cut off close to the box.

The writer would also be *particularly* obliged by specimens of Spongilla, or fresh-water sponges, as he is engaged on a Monograph of that tribe. They are found in rivers, lakes or tanks, and pools, attached to dead wood, rocks or stones, and are occasionally found surrounding the branches of trees, dipping into the water during periodical floods; and if they contain their granular, seed-like bodies they are the more valuable. Dry them just as they come from the water. If it be deemed necessary to preserve parts or the whole of delicate specimens of either marine or fresh-water sponges in fluid, the best material is strong spirit, or water with a *considerable* excess of undissolved salt in it, but *never* alum. Jars or pickle and fruit bottles, well corked and sealed, or tied over with bladder, are the best vessels for the purpose. Star-fishes should be dipped in *boiling* water from a quarter of a minute to one or two minutes, according to

Vascula indicate a young individual. The recent Tethea Norvegica Bay in size from that a pea to about three inches in diameter and are found some at extreme low water mark.

the surface, and the oscula usually the prominent structure. Vascula indicate a young individual. The recent Tethea Norvegica Bay in size from that a pea to about three inches in diameter and are found some at extreme low water mark.

attached to the under side of slabs or embedded in the mud yet other cases I have them from 70 200 fathoms depth. The finding of the fossil we and therefore afford evidence of the depth at which

the size, to coagulate the albumen. They will then dry rapidly, and preserve their colour. Echinoderms should have the mouth membrane cut nearly round, and the inside matter removed with a bent wire, and be well washed out with fresh water; then restore the mouth membrane to its place, and dry quickly. Small crabs and other Crustacea may be put into *strong* spirit, or water with a great excess of salt in it. Large Crustacea should be macerated in fresh water until putridity commences and the internal parts liquify; the connecting membranes between the head and tail should be slit and the liquid contents extracted; wash out well with fresh water, and dry rapidly. Nudibranchs, or sea-slugs, worms, and other soft Mollusca or Radiata are *best* preserved in spirit, or, if not to be had, in water with a great excess of salt in it.

Hints for Dredging.—Use Ball's double-cutting dredge. If worked in a few fathoms deep, have out rope about four times the length of the depth of the water, or it will not take the ground well. If working in deep water, fix a 14 or 28 lb weight about a fathom above the dredge, and this will bring the rope down to a good working angle. If working on a dangerous bottom, tie the two tug-rings together by a single turn of spun yarn or lay-cord, and let the tug-rope pass through only *one* ring, so that, if the dredge hangs, the spun yarn breaks, and the pull on the dredge is from one end only. Calm weather is best for dredging; and if there be wind sufficient to raise a white curl on the water it is generally too rough to do good work. Stony or rubbly ground, and especially old oyster or shell-fish beds, is the most prolific ground.

All packages should be addressed thus:—"*Natural History*. Mr. J. S. Bowerbank, 3, Highbury Grove, London." The writer will gladly return the kind offices of his brother naturalists in any manner that may be most agreeable.

Scientific friends can afford me with specimens of Sponges from Gun flints or bottles, these all most grateful excuse any begging letter.

P.S. In 2 have accines & C. C. from Norway on Gun lock flints

the Ecological deposit was effected. In recent seth
there are often beautiful stellate spicula but I have
not seen any such in Gun fossil, but they may
probably exist in the interior substance, their natu
rality. Send a small portion of Geodia Barretti
Bichi. from Bigten Island Norway between 2 & 300
If you make a section, thin, at right angles to th
natural surface & mount it in Canada balsam yo
will see the remains of large defensive spicula
aping through the surface, which is filled with
e Cummulus, to which I have before alluded. (To p 1.

D. Wilson
Sept. /37

Toronto Septr. 18th 1857

My Dear Sir

The University Registrar will forward to you, immediately, the Arts Examination Papers, which are just done up. By this post I send to you the long delayed College Calendar. In it you will find the form of prayer we have adopted, and which I confidently hoped we shall persevere in using, without any insurmountable impediment.

Our Matriculation Examinations, as well as those in ~~Arts~~ Agriculture, Medicine, and Law, come on next week, and holidays are at an end. Practically they have been so

with me since I left Montreal, though I have found leisure for a daily walk of some miles. I have great faith in that as means of fortifying oneself for all manner of hard mental work; and this cool season has afforded excellent facilities.

Rogers, you have no doubt heard, has got the Glasgow Natural History Chair. It is a poor account of the British Naturalists since the death of Edward Forbes, that fit men cannot be found at home for such posts. However, I like the cosmo-politan spirit, which takes the best man, wherever he

can be had. My brother writes me splendid accounts of the Dublin meeting, with its sections A. B. C. D. E. F. G. Our great Montreal gathering I fear would hide its head if brought alongside of the elder sister. What are the reminiscences of your local Committee? All pleasant, I hope? You would see the cruel accusation brought against us of the Canadian Institute, that we had kept the Trin. Coll. men from going by withholding their invitations!! The story was an unfounded

fable, originating in me
stupidity, but fostered by
malice into a gigantic
bugbear. This accurse
spirit of sectarianism is a
terrible bar in the way
educational progress here.
Our success, moreover, do
not diminish the asperiti
of our high Church frien
You have it, below, in
another form. But open
antagonism such as ~~that~~
of Popery, binding all
your varied protestantism
into one, is far preferable
our paltry sectarian division
Kindest Greetings to Mrs Daw
Yours very faithfully
Dan. Wilson

Oulton Park
Tarporley
Nov 2. 57

My dear Sir

I could not sooner reply to your favour of Oct 8 as I only returned from a tour on Saturday last. I regret to hear that you are directing your attention to the fossils of the Lower Carboniferous beds of Nova Scotia, a subject of much interest, which has never been properly investigated on either

side the attractive. Here (with the exception of a very cursory survey by Agassiz of a few public collections) the fishes of the entire system require working out as nothing has been done. The specimens are so fragmentary that it is a subject of great difficulty, and one which I feel is quite beyond the time I have at my disposal. Your flattering offer that I should undertake

take the examination of the
Nova Scotian fishes I
must do decline for
the same reason. I am
happy to say that Professor
Mitchell has consented
to take in hand the
fishes of the Carboniferous
Limestone of this country
and he is preparing a
monograph on the subject
for the Palaeontographical
Society. There little doubt
but that second Jameson
of this station, you will

Sir P. Egerton

1837

first in your New Series
hints, such as Helodus
Peristodus Cladodus &c &c
I fear Mr Agassiz is
too much occupied to
assist you; but I see
that Dr Buckland
and Mr Owen have
taken up the subject
of fossil ichthyology and
are making upon
the cartilaginous species.
If you could send me a
few characteristic specimens
I would endeavour to compare
them with our species and
communicate to you the result
Perhaps Professor Phillips or Mr Lycett

The Salmon come in good condition & has enabled me to see what I wanted viz. Whether your Northern fish were the same with our own, and I judge that they are, at least the one now sent agrees in Dentition & any other respects so far as I have examined — The Hamper filled with a Trouter apparently the same but this I have sent to Dr. Baird to examine for me and will let you know the result. The next thing I wish you to do is to endeavour to get your Halifax friend to get you some of the Fry or young — and of the State before they take the Silvery dress and which he call parrs — not more than two should be placed in one bottle & each should be wrapped with a bit of Rag &c otherwise they rub & spoil. You say how local names are here but what I wish is the young or what one considers the young of your Salmon. — It would give me great pleasure & satisfaction to come over and talk about it but one thing or other always comes in the way — I long hence work the Start —

In regard to the pleurian birds I will send me a memorandum of anything you wish or of any hopes you have not I will endeavour to get them for you — I have put your observation on Professor Rogers p. 26 of your pleurian paper into the forth coming No. of the Journal

Sir W Jardine 1858

Would you care for specimens from the pliocene beds of the Clyde — I may be able to get some I think. Some years since I was there myself but for now my things are gone. Let me hear from you and believe me my dear sir yours

W Jardine

Do you care for Tertiary fossils from Isle of Wight?

Jardine Hall 16th March 1858

My Dear Sir, I have received your last letter also one with the note of price of salmon from Mr Downs — and the salmon itself in safety — I first must thank for your attention, and I now enclose an order on the Commercial Bank Canada for £2.3.6 which you have paid for me, Your trouble & attention I most willing accept but it would be too much to tax your pocket to — I would have sent you books or pamphlets but do not know what you may have got already — I will discuss the salmon first & then I will return to the pliocene beds.

Lyell
Jan 1875

73, Harley St,
London, W.

Jan 25. 1875.

Dear Sir,

Sir Charles being ill in bed I have asked him to let me send a line in answer to your letter as I know that, as an old friend, you will wish to know about him. Early in December Sir Charles fell downstairs & bruised his head

you please remember me kindly to your son George. I am so glad to hear & read of his successful voyage. Will you also please tell him that Leonard Lyell is very active & happy in his professorship at Aberystwith —

Believe me
Yrs truly
Arabella B Buckley
Secretary —

& left hand very badly. He was recovering very rapidly from this fall when about ten days ago he had some severe epileptic fits which have thrown him back very much – However I am thankful to say he is again recovering wonderfully & is able to listen to letters & even to enjoy going on reading his "Principles" with a view to a new edition – He enjoyed hearing your letter very much when I read it to him a few days ago – He does not know himself that he has had these fits so please do not mention them if you write. The doctors say that such attacks often come with age & pass off again so I hope we may still keep my dear old master in tolerable health for some time yet – Would

Saint Louis Jan 20. 1856.

My dear Sir

I have to return thanks for your kindness in sending me a copy of your Acadian Geology. I have read it with much interest and instruction.

I send by to-day's mail a copy of Prof. Jeffries Geol. Report of Tennessee, and a small paper of mine on a new genus of Crinoidea. These you are to consider as only part pay for your beautiful little book.

I am now publishing in the

Trans.

ap[illegible]

Some [illegible]

species [illegible]

I hope, [illegible]

and [illegible]

Prof. [illegible]

Mont[illegible]

Trans. of the Acad. of Sci.
of St Louis a paper on
some very interesting new
species of Bryozoa. It will,
I hope, be out in a few days,
and will be sent to you.

Very Respectfully
Yours,
B. F. Shumard

Prof. J. W. Dawson
Montreal

Thurna
Jos

Scientific
Letters
1887

A

B

Shuma
Sel

Scientific
Letters
1857

C

DE

F

G

H

IJK

H

L

M

NO

PQ

R

S

TUV

WXY

Toronto, May 2d. 1861

My Dear Sir

A young Lady, Miss Helen Thorburn, has just come here, from Scotland, seeking a situation as a Governess. Her parents, once very wealthy, have suffered a sudden and serious reverse; but fortunately, while they had the means, she enjoyed all the advantages of a liberal education. She speaks French fluently, having resided in Paris; and also acquired a very thorough knowledge of Music under the best Masters.

She comes, moreover, with letters to me from old Edinburgh friends, on whom I can rely; and is spoken of by them as

a Young Lady of sterling religious principles, prudence, and steadiness, and also of a very amiable disposition. She has superintended the studies of younger brothers in Latin, as well as in other subjects; and would I feel assured, be a great acquisition to any family needing a responsible governess. If you know of any such, be so kind as to do what you can to forward her views and let me hear from you.

You are no doubt in possession of Dr Ryerson's last series of Letters, addressed to the Hon. Malcolm Cameron; and if so, you know what

constitute the amenities and gentlemanly courtesies of literary correspondence in the estimation of an Upper Canada Chief Superintendent of Education.

Yours most truly
Dan. Wilson

3

Dr. Dawson
McGill College
Montreal.

Rev W

an

Manchester Aug 26/65

My Dear Sir.

You must have thought me sadly lacking in courtesy in not responding sooner to your request – but the fact is, it arrived when I was roaming amongst Swiss Peaks and Italian Lakes, – & I only found it on my recent return home. I sent the note to Birney who, I doubt not, will attend to his part of it. My work

most of us now accept. My Papers in the Philosophical Transactions, on the Structure of the Scales & teeth of Fishes, contain some curious instances of structure in Coal-measure fishes. Especially the one published in the Volume for 1849: but these will have no bearing upon your subjects

Wishing you every success in your labours

I remain My Dear Sir

Very sincerely yours

W. C. Williamson

I received your paper on Silurian vegetation. Many thanks for it I am always obliged by your remembrance of me when you publish

is soon done. I forward along with this a copy of my Paper on Sternbergia. The only other memoir I have written on Carboniferous topics, is one on some Limestones at the upper part of our Coal measures, in the Philosophical Magazine. 3rd Series. Vol 9. p 241. I have no copy of this paper even for myself. There was a brief notice of the occurrence of Fossil Fishes in the Lancashire Coalfield in Vol 12 of the Same series of the Phil. Mag. and also one on the Coal-measures of West Lancashire in the report of the British Association for 1837. The same report for 1842 contains a brief notice on the origin of Coal but which is worthless beyond pointing out a few difficulties in the way of receiving the modern views which

Pd

No. 1823 Smithsonian Institution,

Washington, D. C., Nov. 12 1861

My Dear Prof. Dawson

I have just received the copy of Lib. No. of Canadian Naturalist you had the kindness to send me, and am much obliged for it.

Truly Yours

S. F. Baird

Prof. Dawson

Montreal

Baird

No 1845

1875

Sir [illegible] Hogan
[illegible] 1861