

Walter
Crosby



~~Comfortable Cottage~~

68 Cannon St West.

Hamilton.

Nov. 21st 1877

J W Dawson Esq

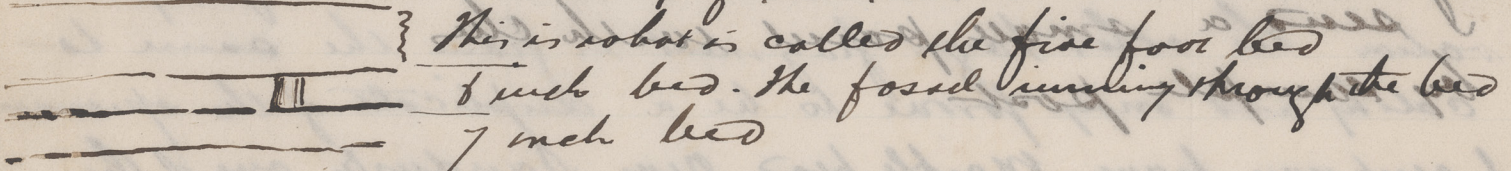
Prof. McGill University

Dear Sir

You mention in your last communication that you intend time permitting sending some matter regarding the Stromatopora - I have lately obtained some specimens from the Guelph formation which I do not see mentioned as having been found there, No 1 is very peculiar in its formation so is No 2. No 3 I take to be a Stromatopora but it is probably not perfect enough for examination I am afraid the nature of the lime stone will not admit of a close examination with a powerful glass all three are from Guelph the smallest fragment is from a worked specimen from the Detroit River at Windsor it is in beautiful preservation the other larger fragment is from the same locality and may prove to be a duplicate of the specimen I sent you from Marble Head near Sandusky one of the Islands in Lake Erie - In looking over Volume 2. Palaeontology of the Geological Survey of Ohio there is a

description of five or six varieties, all found in Killybegs, Ireland or at Sandhurst, with illustration of the several specimens. I was in hopes of sending a curious specimen from the Corniferous, which a friend promised to send to me but it has not come to hand. You can cut slices from these as you desire. No. 1 and 2 I should like returned when you have no more use for them, you can send them to Mr. Merton where you sent the other specimens, if he is still in Montreal at the time.

I have just obtained a new fossil from the ^{limestone} Niagara here, at least I have not heard of it having been found before. At first sight it looks like a piece sawn off of a small tree trunk after the outer bark has been stripped off. It is 5 inches in height and 12 inches in circumference and quite flat at the lower end the upper end adhesion to the rock, the outside is perfect and is finely striated the lines although straight from top to bottom do not go continuous, but seem to lay one over the other the outer layer being wanting the lines are not thicker than the stroke of a pen. To give you an idea of the position in which it was found I have made a little diagram of the strata.



The fossil stood perpendicular resting on a seam one inch thick of Argillaceous shale dividing the two layers

When blasting the rock the seam opened around
it leaving it standing. Another specimen was found
near by but it is much larger round and not so
high. I know of no fossil like it unless it is the
Beotricea found in the Hudson River formation
on the Island of Anticosti. Although there were
found layers horizontally and some hollow
where weathered out. I do not know that there
is any further resemblance than the more rounded
form. The interior of the specimen appears to be
filled with limestone but I have not been able
to get either end out so I can say but little about
it. It is too heavy to send unless I was sending
a box. — If the specimens I have sent you
prove to be of any use to you or prove to be
new varieties I shall be much pleased but
if they occupy your time to no profit I should
be sorry to have troubled you, for it is no joke
to have to read long unintelligible letters.


Yours very respectfully,

A. E. Walker

68 Cannon St West.

Hamilton Ont

I send a small parcel with this
by sample post

Wm. M. M.


~~University of Toronto~~

88 Cannon St West

Nov. 21 - 1887

J. N. Dawson Esq

Care of the University

Dear Sir

You mention in your last communication
that you intend to have prepared several more
regarding the Stromatolites. I have lately obtained
some specimens from the Great formation which
do not see mentioned as having been found there. No. 1
is very peculiar in its formation as is No. 2. No. 3
will be a Stromatolite but it is probably not perfect
enough for examination. I am afraid the nature of the
lime stone will not admit of a close examination
with a powerful glass. All these are from the
the smallest fragment is from a rooted specimen from
the Detroit River at Windsor it is in beautiful preservation.
The other large fragment is from the same lo-
-cality and may favor to be a duplicate of the specimen
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