

18 Cannon St West  
Hamilton July 21 1879

J W Dawson Esq

Dear Sir

I send you a few specimens of Stromatopora that I have lately found in the upper Niagara limestone some fifty feet above the chert beds as seen at Hamilton from the quarries about two and a half miles from the City on the Hamilton and Port Dover road Sir Whiston in his survey speaking of the Guelph formation says it would probably feather out about this locality, along with these specimens I find Stromatolites. The band in which they are found is almost made up of these forms most of them attached to a favosite. They are all very badly preserved and it is difficult to get a specimen showing the structure I first thought that the star forms might be caused by crystallization or fossilization but I have since polished a number

18 Cannon St  
London E.C. 4

Mr. Dawson Esq  
London

I have just received  
specimens of *Phormotaphus* which I  
have lately found in the upper  
Mazon limestone some fifty feet above  
the level bed so seen at Hamilton  
from the ground about two or a  
half miles from the top of the main  
tilt and not far from the  
in the lower part of the  
formation say it is probably  
feather out about the level, and  
with these specimens I find  
Boscawen the bones in which they  
are found is almost made up of  
these forms, most of them attached  
to a fossiliferous shell or  
fossiliferous and is difficult to  
get a specimen showing the  
structure I find the upper part of the  
also forms might be caused by  
eruptive matter of *Phormotaphus*  
but I have since

of specimens and find that the  
star forms are identical showing  
five rays and sub branches I have  
one specimen from a large specimen  
on which the star form is situated  
on the top of raised eminences very  
regular in distance and form I  
loaned this specimen to Mr. Spencer  
of the College here he is away from  
home so that I could not send it  
to you I should have liked to have  
sent you my best specimens but  
it would have put you to the  
trouble of sending them back.  
The star form can only be seen  
perfect when the fossil splits  
in a line with the laminae.  
They appear to be radiating canals,  
but the stone is so crystallized that  
it will not bear a high power  
glass. I send you a piece of the  
stone in which they are found  
also a piece of the fossil to  
which they are attached. If I can  
get better specimens I will send you  
them

Yours respectfully  
Wm. Walker

of specimens and find that the  
also forms are identical showing  
fine rap and the structure shows  
one specimen from a large specimen  
we collect the star form is included  
in the top of cones, sometimes very  
regular in distance and form I  
to show this specimen in the specimen  
of the College has been a very fine  
shown so that I have not seen I  
to you I believe have been to have  
and you my best specimens but  
I have not seen but you in the  
habit of sending them back  
the star form can only be seen  
perfect when the point splits  
in a line with the laminae  
they appear to be consisting of coral  
but the stone is so irregular that  
it never was there a high power  
glass being over a piece of the  
stone in which they are found  
also a piece of the fossil to  
which they are attached I have  
of the specimens I have seen you  
them