

68 Cannon St West
Hamilton Sept 7 '88

My Dear Sir

While lately working
in the Clinton shale, I came across
a specimen a portion of which
I send you with this by sample
post, enclosed you will find a
rough drawing of the fossil as it ap-
peared when I first split it open
I first took it to be a *Stromatopora*
formed over a *Favosites*, *Cashlandia*
(I have found several specimens
of *stromatopora* both in the Niagara
and Cooniferan formations, built over
fossils.) But upon more closely
examining it I found that it dif-
fers in structure from any
stromatopora that I have ever seen,
in the first place the columns
run vertically through the entire
mass and I see no regular
alternate layers, the columns
when loaded at horizontally appear
to be arranged somewhat like

The *Fistulipora* *oblongata* large
column surrounded by a circle
of smaller ones. The piece I send
you is broken off from the right
hand corner of the drawing con-
sequently shows but a few of the
cells of the forostic. I gave a large
portion of it to Mrs Cal Grant
and the balance I divided with
my sons collection. It is from
the gray shales and clays about
five feet or so above what is
called the Gray Band and like
all the fossils from these shales
it is much filled with pyrites.
I found at the same time and
in the same shale two specimens
of *Stromatopora* *concolorata*, or at
least I take them for such they
were globular in form and about
two inches in diameter they
are very hard and compact and
require a very powerful glass to
examine them. I also found
several specimens of *Favosites*

Yorklandum which came out
perfect in outward form but
was much filled with pyrite.
I think the portion I send you
is sufficiently well preserved to
show the structure complete. If
you can cut slices from it, I
should like to hear from you when
you have had time to examine it,
if it should be classed with the
Stromatopora or the Corals. The
drawing I send you gives the size
exactly and the form of the section
with the thickness of the Favosites
as well as of the superstructure
and may be useful if you
should require to make a cut of
the same to accompany illustrations
of the structure enlarged. Should
you find it of special interest
— Did you as yet get time to
examine and classify the Strom.
I sent you last year from the
limestone at Malden you will
remember its peculiar

having dark and light bands
you anticipated at the time of
writing me making some remarks
upon the same in some matter
you proposed writing during
the year

Yours respectfully

W Walker

J W Dawson Esq

Prof. McCall College
Mass

W Walker

