



Col Grant
Hamilton

Jan 5. 9th 1878

My Dear Sir

Very sorry to hear
of your accident I met with I regret
I was unable to write on the
receipt of either of your commun-
ications or those I forwarded
the last parcel

I had my right hand
severely crushed and a fragment
of flint driven up under the
nail of my finger at the Quarry
I lost the nail altogether

As regards the Stromatopora
{ Fossils } they chiefly occur in
the soft shales and shales Clinton
and Niagara - I have only seen
three individuals in the chert
beds here { Hamilton } - and
one in the Medina Sandstone
S. concentrica I have

Some years ago - I obtained
numbers of a species allied
to the latter in the Dept. of
London near St Mary's &
derived seemingly from
coniferous limestone beds

Mr Walker lately showed me
an *Eozoon* recently { Devonian }
furnished with Stolons like a
Receptaculites - I hope he forwarded
it for your inspection as also
a *Graptolite* { coniferous probably }
which bears a close resemblance
to a *Ptilograptus* of the Niagara
building beds - The specimens
are larger than any I remarked
as yet here - but this may be
of small account - as a fragment
in the blue bed { Niagara } leads
me to imagine size is of little
importance -

Mr Walker found down
several of

The Sponge sections I gave him
with Emery in - He examined
them together with the few rough
ground on Sandstone I think

There are three or four species
which you have not yet received
Two are globular sponges

3- One has a greater number of
shallow lobes than "The Astylospongia
par" - The other is lobed irregularly
- and the lobes ^{are} ~~are~~ ^{the} ~~the~~ ^{inc.}

Very broad - brown ^{yellow}
depression and pores at the top

A large globular sponge

The only specimen I obtained
I gave to Professor Hinde Toronto
some time ago - but a crushed
specimen may represent it

{Indifferently} and I have put it
aside for my next parcel
as also the base of two more
which may be new species

Any way I can promise

you at last a fairly preserved
Eoptolite from "The Pentamerus
bed" Niagara - A Dendrograptus
perhaps - Some years ago I remarked
a closely reticulated Dictyonema
of the Clinton ranged upwards
into the limestone. I only obtained
fragments and searching for
a more perfect one I obtained
quite unexpectedly this fossil from
one of the blocks which had

been in the Ravine under
"The Mountain View Hotel". It
was placed aside & forwarded to
Montreal and quite forgotten
and has at last turned up
among a heap of other stones.
I was throwing away as rubbish.

The bed in question is not
likely to furnish another so well
preserved perhaps - composed as it
is chiefly of casts of shells.

I am my dear Sir

Very faithfully
Your servant
J. D. Smith