

Col Grant  
Apr 1881 Hamilton  
My Dear Dr April 22<sup>nd</sup> 81

Shortly after  
I forwarded the Box to McGill  
College - containing "The Trilobite  
or" Carapace of a Crab. I obtained  
the hollow cast of another in  
a field at the other side of  
"The Corporation Drain".

The latter is in possession of  
the "The Geological Survey"  
Mr Whitaker was busy at the  
time packing up the specimens  
for Ottawa and could do little  
more than count the fossils  
received. I have no doubt  
he will kindly furnish you  
with a cast of the same.  
I am now examining

The under part of "the flint  
flakes" This work I commenced  
last year - {When I fill a  
bag - I remove them to heaps  
I have piled at "The headlands"  
It is rather slow - but this ensures  
a thorough examination and leaves  
Nothing to Chance

Since I saw Mr. Turnbells Collection  
of Cambro-Sil. Boulder fossils  
{ Anderson River } I paid several  
visits to "The gravel pits" on  
the plain - beyond and below "The  
Bluff" - at the other side of the  
Reservoir {and old hunting ground  
of mine formerly - where "false  
bedding" is well displayed }  
I succeeded in getting a few  
Fossils from the oval boulders

Which I have enclosed - in  
rather a large Box - I must  
plead in extenuation of sending  
such a big one - that it  
contains the finest "Dictyonema"  
I have ever seen - and I  
was unwilling to run the  
risk of injury by making it  
more portable

The Clinton Fossil "Arvicula  
emacrata" may be a misnomer  
it is from "The Singular Colors of the  
The Box contains a fine specimen  
Alga - new layer <sup>Clinton</sup> The Brachograptes  
of the Chert - differs slightly from  
The Fossil of "The Blue Building bed"  
Niagara limestone  
"The Sichenalia" Hall? Niagara  
limestone? - Dr. Nicholson thinks

Was a parasite Favosites - [Corel]  
All the collectors here who  
Saw it thought it "a Bryozoon"  
and said it was one of the  
best specimens they had seen

A small paper box enclosed  
in the paper one contains "an  
upper Chert Fossil" which certainly  
bears a very close resemblance  
to "A Crania" of the Chalk and a  
minute Clinton one <sup>the first of the New York</sup>  
I am certain - Colored Sengulæ  
will yet be found in the Cambro. Sil  
rocks & even in the limestones not  
favorable - to their preservation &  
I find fragments - indications of  
the existence of "Coloring Matter"  
which underwent a chemical  
change perhaps - Subsequently  
I saw in the upper part of the

1<sup>st</sup> layer limestone below Chert today  
a *Singula* with rounded posterior  
and concentric lines. Colored dark  
blue I failed to extract it  
Some time ago I got a  
colored fragment *Singula*  
base Barton Shales

You will find a small  
*Modiolopsis* in a Chert nodules  
from the latter, obtained at  
the Rock Cutting Hamilton &  
Erie Railway - I removed nearly  
20 boxes of the flint flakes  
stone - but obtained only 3 specimens  
of "*Cladopora*" - on the whole <sup>specimens</sup>  
I have so carefully examined  
the two unploughed fields  
by dividing them into sections

that I doubt if any more  
can be obtained there  
until after the first heavy  
"rain fall" or "the Autumn"  
when the crops are gathered

The melting snow - is so  
completely covered all the  
sloping "Clinton layers" above  
"the grey-band" with mud &c  
that it is impossible even  
to recognize the fossiliferous  
beds yet

I am my An Dr

Yours Very Sincerely

Chas Cook Grant

P.S. Many thanks for your  
& valuable contribution to the  
Naturalist recently received