

Jurassic Hall
Oct 18

Albany Oct. 31st 1864

Dear Sir,

I have received
your favor of the 22nd.

You are at liberty to do what
you please with the letter &
if you think it better to
bring it before the
Nat. Soc. I have not the
time or strength to write any elaborate
note at your request.

My letter in the Naturalist
will put the matter before
the Geologists. You will see
the way a note from the curator
of the State collection in the Report
that you herewith. He gives
the results of Mr. Ways observations
on the fossils he has
collected from the
Cattskill group
but made no observations,
he supposing the rock the Cattskill group

P.S. Can you inform me if any thing in the way of Palaeontology has been lately published for the Canadian Survey I have especially in hand up with what is done in America. I do not think I need refer to you for any reference to the subject & do not think I need refer to you for any reference to the subject.

I recognized the fossils he
sent as Chummy - Mr May
went further and from his
collections deduced conclusions
- but I have no objections
to the paragraph as it is.

In reference to the age
of the No X I can only say
that we have a great change
at that period, as I have
more than once argued
in my publications -

A conglomerate No X succeeds
the Chummy group and above
this the shale and sandstone X1
my ideas of Cattskill group
are old No 1 are with No X1.

The *Holoptychius* was formerly
regarded as typical of Old No 1
and on this ground I compared
it with Old No 1. Now when
the *Holoptychius* is regarded in
Europe as usual characteristic of

of the Cambrian period.
- Looking at the great physical
change and at the entire change
of fauna along the line of Pa.
and New York, I should say
there is much propriety and
even strong reasons for
drawing the line between Devonian
and Carboniferous at this horizon
than at any other.

No ~~x~~ the conglomerate begins
in the Catskill range some
2000 feet ^{*} above tide water and
we have 1800 feet above
this the highest part of the
Catskill rock. - Proves originally
from 2000 ft to 1000, but in
all places where I have examined
it it is much thinner. Still
the summit of the Catskill is a

* I speak with the knowledge I have
at a few points.

Terra incognita - I have
for years intended to get
them but the fossiliferous beds
below have proved barren
thus far. I hope to do it next
year -

I have written you
a note on the new *Crestaceum*
from the Potsdam sandstone
which may interest you
I will send it as soon as
it can be copied -

You will be interested to see
the fulfillment of your views
in some respect - Don't I
beg - you charge me with
Platigarianism - I believe the letter
is written so that you may
communicate it to the Nat. Hist. Soc.

The Albany Institute publishes so
slowly, or not at all that I can
have little hope of seeing the thing
in print from that source in a
long time. My 4th volume is
hopefully and the little energy I have I
am just now giving to that work -

Yours very sincerely
Prof. W. D. Howells

Wm. D. Howells
Lansdown Hall