

Prof Clarke
with specimens
Conandajua N. Y.

August 31, 1881

Dear Sir. I am taking the liberty
to send you to-day, a box of plant
remains which have been taken from
the Devonian rocks of this vicinity,
which I would like to submit
to your examination, when you
can command the leisure.

I have enclosed a list of the
specimens with their various lo-
calities, and have labelled them
for any purposes of reference from
A to Z. A year ago I enclosed to
you some specimens which were very
unsatisfactory, but you will recall, after
repeated examination that you determined
them to be Araucarioxylon newberryi.

I send in this packet better samples

The base of the Chemung if it is possible to draw a dividing line. The nature of the rock is sandy the fossils appear all the time there is present, and the fossils consist of scales & spines of *Strophodonta* & *Orthis*, wonderfully carboniferous like forms of *Productus* & *Rhynchonella* and other brachiopods shells, the majority of which are new species. These bits of wood are, however, are the vegetable remains found. I should like to have your notice upon the specimen marked T. the minute teeth of *Hydrodonta*, in close proximity to the *Strophodonta*. These I am finding in the Black bands of the Portage where it is most densely laminous. Are they not *Equise*? Specimen 'E' I have enclosed for the sake of

of the same species, if you desire them
either for purposes of examination or
illustration. They are all from the
Genesee State. My investigations this
summer have disclosed quite
a remarkable layer in this formation,
into which the stratum of Stybiola
fissurella seems to be merged, con-
taining large quantities of this
wood associated with rare forms
of Foniatites & Gyroceras. I am hoping
a great deal more from it - than I
have yet found. The specimens
marked U and V are from an
extremely interesting if not remarkable
stratum. They are small and
fragmentary, but I think one of these
will show satisfactory structure.
The layer in which they were found
lies at the summit of the Portage
Sandstones and from its contents
I think should be regarded as

obtaining your judgement upon
it. It was found with some plant
remains in the Genesee.

I shall wish that I may have the
specimens marked with aster in the
list, returned to me, the majority
of which I have hitherto failed
to duplicate. It will give me pleasure
however to afford you specimens similar
if I am ever able to do so.

Please make such use of the se.
specimens however as is necessary for
your examination of them.

I am in receipt of your pamphlet
containing your last published de-
scriptions & accept my thanks
for it.

Dear Sir, Yours very truly

J. M. Clarke

Pres. J. W. Dawson
McGill College