

New York, Oct 23 1864

Prof. S. W. Dawson

My dear Sir

The Lepidodermis?
of the exact size of the
drawing - I will send it
to you by mail if you
or Mr. Diller would like
to examine it
Accept my thanks for
the pamphlet containing
descriptions of Devonian
plants.

The glacier which ex-
cavated Lake Erie, moved
south west following the
line of the major axis of
the lake passing southwesterly
on the line of the Maumee or on

There can be no doubt
that glaciers, did the grooving
& planing on the islands of
Lake Erie. The entire
trucks & beds of the ancient
glaciers of the Cascade mts
Oregon. - still represented by
Embryonic glaciers at the
upper end. - are planed
& fluted precisely as the
bed of Lake Erie and
the islands - Every detail
on one is copied on the
other. In the Alps you
see really nothing of the
bed rock of the glacier
I hope to send you soon
some photography of
our Ohio glacial inscriptions
I have some, & shall have

others —

My judgment is that
sand under the glacier —
the glacier acting as a
lead Emery wheel does —
did much of the grinding
sunney water in some cases
aiding & producing peculiar
Effects —

These facts, which I am
sure, would satisfy you
that the positions I have
taken are true. I hope
to find time to publish
something on the subject
soon, but I am fearfully
dressed with College work
Genl. Survey.

I hear you have published
a text book of Zoology

I want a text book for
my classes. - Will you
lend me your book with
it? - I would gladly
purchase it.

Yours Very Truly
D. S. Newberry

