

School of Mines, Columbia College, *Newbury*

CORNER 49TH STREET & 4TH AVENUE,

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New York, *Jan* 29th 1890

Prof J. W. Dawson

My dear Sir

I return herewith
the Cephalospi and other fish-
remains you were kind enough
to send me

As you state in your last
letter the volume of the Paleont.
Society published last year
gives no descriptions of the
species of Cephalospi, and
I have been unable to get
access to all the descriptions
that have been published, so
I have thought best to return
the specimen to you without
name or description

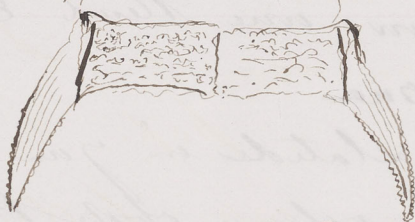
Under the circumstances, there
is no reason why I should
describe & name your beautiful
& unique specimen, rather
than yourself, and when the
volume of the Palaeont. Soc. for
1869 shall come into your
hands, you will be far better
able to make the necessary
comparisons than I am -

I feel as though I ought not
to say a word on the subject -
(further than to pronounce this
a strongly marked & so far, as I
know, new species of Cephalaspis
and the first Arch. found in
America) until I can see
Lankester's paper - I should
be pleased to see your name
associated with this grand
"find", and if I had the authority

or could get them in this
Country, should name the
Species, C. Dawsoni, but
I fear you will be incouraged
by my keeping the specimen large
If you will accept the will
for the deed I will name
it now and unite the dis-
cription as soon as I can
get Lancaster's paper. — but
I beg you will follow pre-
cisely the dictates of your
judgment & feelings in this matter

The 'Cephalaspis' announced
by me at the Cleveland
meeting as found at Sandusky
— and pronounced such by Agassiz
is apparently not Cephalaspis
but one of the Cephalaspedae

It has, as far as we can judge
further specimens obtained —
a rounded or crescent shaped
buckle, terminating in lateral spines,
turner backward, but the
buckle is tessellated and the
spines articulated, or rather
united by suture



I have not yet obtained all the pieces
of the buckle.

The other part remains sent — with the
exceptions of *Machaeoracanthus* I can
make nothing of — They are quite new
but too fragmentary for description or
satisfactory study — I hope to send
you some photographs of our Devonian
plants in a few days — I am just
now driven almost to death with
lectures, college duties & other geological
muzz. — In the latter Abellany is making me
some trouble — Harkly, but very cordially
Yrs. J. S. Newberry