

Neill
Allan House,
Blairgowrie. N.B.

13th June 1890.

Dear Sir

Your favours of the 13th and 15th ult.
came duly to hand, and also the
box of specimens, for which I am
much obliged.

I presume you kindly
enclose the bunch of club-mosses
to illustrate the affinities of the
plants to the Lycopodiaceae,
(including the very pretty specimen
of *Lepidodendron* you so kindly
sent me).

The best specimen of
Pachytheca is in my opinion
too good to place in other hands,
and.

on my return from my holidays,
at the end of July or beginning
of Aug., I shall send it to you
with perhaps a few specimens
from Caithness, should we be
~~so~~ fortunate enough to discover
any good ones.

I am very sorry to give
you further trouble, but if at
my convenient time you can
give me the transverse measu-
rement of the stem of *S. robustus*,
it would be viewed by me
as a very great favour indeed.
The specimen of *Psilophyton robustus*
unfortunately has a fine way
through its centre, and being

otherwise imperfectly preserved
especially in regard to the breadth
of stem, I find myself in a
difficulty in arriving at the
correct size of the plant.

One or two of the other specimens
(of a much larger size than
P. Princeps), such as No. 102 and
one or two of the *Stairgiessii* species
are perhaps in too fragmentary
a state for determination, yet if
you could give any indication of
what they might probably belong
to, it would be a great satisfac-
-tion to me.

In regard to the position of

Pachyptera in the Devonian, it is certainly very high in the Strata. The fact is as you will observe on the map the Jaybinn or Muddy beds appear to be the highest here; which would at the lowest estimate place them 10 to 2000 feet above the base of the System, and probably much more. The lapse of time indicated by this depth of strata would perhaps account for any difference in structure which may occur between these specimens, and those of the Silurian or passage-beds.

and am thanking you many
kindnesses received.

Dr S. W. Dawson F.R.S.
Montreal.

Believe me,
Yours sincerely,
James Reid.