



Copy of
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My dear Sir,

Please accept
my thanks for the
copy of your Text-book
of Geology. Kindly send
some and which I
shall look over
with much pleasure.

I have taken
a little time since the
clay has broken up to
look at the shales
and Tullow plants
which you sent.

The Skiddaw plants
from Orthotrichum Barnebyi
and varicata, both
present under the micro-
scope a coarse cellular or
vesicular structure which
would place them with
Agar if this a true Stricker
but there are some points
about it which would
make me suspect that
it is merely an effect
of ancretionary action. The
form of B. Barnebyi would
refer it to Agar on the
roots. It is not unlike
some of the so-called

permeability of the ^{cell} wall
and tissue. In like
manner the form of
the *B. radiata* is nearly
that of my *Chromolaena*
Coca from the *Desmia*
But neither of your species
shows any trace
of woody or vascular
tissues, in which respect
they differ from *Permeabilis*
& *Chromolaena*.

The *Sudlow* plants
shows traces of a definite
epidermis and of foliar
appendages and branches
in a regular distribution

manner. His stamens
quite different from
the Skiddaw plants.
I think it belongs to
species of *Perlophyton*, which
genus is found in the
Lunar Beldenberg at Gaspé.
The specimen is too im-
perfect for description but
is not far from *P. elegans*
of the Devonian in its
general aspect.

If you have more
of these things it might pos-
sibly be worth while to
introduce a little note of
description in any paper
you may be publishing
July yours
W. Dawson