

can forgive $\frac{1}{2}$ to help, is the
a it makes to the help
causes is unmet. It is just
like I'm trying to blind man
I - Frog: - no it makes can be
sent from the Brain or external
part of spine to the hind legs;
but if the ^{are} stimulated,
it ^{more} of reflex action.

I find in all respects about
to a limiting sensitivity of the
nerves ^{is} ^(!?) of some
to various ^{stimulants} fully
confirmed & extended. -

I want to beg you to make
for me next spring two donations

100
Oct. 22

Down,
Berkenham, Kent.

1873

My dear Greg

It was very good of you to
write me your long letter of
Oct. 6, telling me of your &

Mr. Greg's wonderful doings,

about which I was very glad
to hear. - When I was

received your ^{Dublin} address at

I had seen a short notice for
it on *Secunia*. - One word

more about Tenthredinids: I would
gladly accept you ^{to account} ~~discovery~~ for it
speaking of a Tenthredinid, which

has closed nothing, but it
had been for the fact of
the same tendency, when it
has closed in spirit,

Wednesday in opposite directions
as in equally close spiral curvature. —
The con can sides of the lower

part, in the latter case,
can hardly be contradicted.

I think I have explained the
proximate cause of the reversed
spiral curvature, but I cannot
understand the more remote cause.

I have walked pretty hard for 4 or 5
weeks on Gorse and then hills
down; so that we took a horse

near Larnoch for 3 weeks (when
I now am) to get complete
rest. — I have my little
power of walking now & must
put off the rest of work
in Gorse till next spring,
as my plants are dying.

It is an unhappy subject, &
I must cut it short, & for
this reason close it so much
as I can. — The

point which has interested
me most is tracing the nerves!!!
which pass to vascular bundles.
By a prick with a sharp
lancet at a certain point, I

Gray 100

Down,
Beckenham, Kent.

an *O. filiformis*, when growing
vigorous & in a warm
day. - I had the New

specimen to a presentation upon;
but am afraid of trusting to

my Knave in 2 points.

I write on next paper to
2 experiments, (not 2 trials), &
will you please keep the paper

& try them for me. rather
soon. - You are most sincerely

(L. Darwin

My wife sends kindest regards
to you both. -

Dioscorea Filiformis

(1) Put small atom of crushed fly on leaf near apex, & observe whether the solid leaf itself, after 24 ° or so, curls over the fly. This has nothing to do with the movement of the glands or hairs.

(2) Rub roughly with point of fine needle half a dozen times a few glands & observe whether they become inflected after a few minutes, or more probably after a few hours.

My results were negative on both these points, but I think it likely that they were so owing to want of vigour in the plants.

Oct. 22 / 72 / Ch. Darwin



Darwin, Charles. 1872. "Darwin, Charles Oct. 22, 1872." *Charles Darwin letters to Asa Gray*

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