

De Vries

1. 2. 3. 4. Christopher Street,
Finsbury Square,

London E.C. Aug 17 1878

BUECKER'S HOTEL
G. HOHLY,
PROPRIETOR.

My dear Sir!

I am very much pleased that you have thought it worth while to conkroll my little communication, and to examine yourself some roots of plants to see their folds. The roots you sent me show the phenomenon very clearly. I have not yet experierced on the influence of dryness or humidity, but I have found that cut roots contract also (in 24 hours) if lying wholly in water. However I observed with *Carum Carvi* that roots of plants, growing in fissures of the earth showed more folds than those of plants of the same field, that had grown in compact earth. Should it not be possible, that specimens



growing in loose earth or in fissures
contact more because they are not
hindered in doing so, whilst plants in
compact soil have to surmount a
great resistance, and become therefore less
short, than they would do otherwise?

I am much obliged for your
notice on *Triticum* roots, I have not
yet paid attention to them and am therefore
unable to answer your questions, but will
examine it directly after my returning
to Amsterdam.

I am also much obliged for
the kindness you had in writing for me
to Prof. Tra Gray, and beg you to
accept my sincere thanks for the
benevolence you showed me in receiving

me so very kindly at Abinger Hall
I remain

My dear Sir
Yours very truly
Hugo de Vries
