

85 Pine Plains has a rich & varied flora in
beds, ferns & flowering plants. The flora
of New York & Phil Penn. seem to overlap here.

Whether our Junci keep up the number & variety
of other families, I cannot say, but the enclosed
will tell in a measure, & you can judge better
than myself.

Rec^d. Dec 9th Pine Plains, N.Y.
Ans by A.C. - after new year with
attached! Dec 5-78

Dr. George Engelmann

Dear Sir;

A short time ago
Dr. Gray recommended me a number
of specialists to whom I could
send suites of specimens of any
puzzling genera, etc. to look over
and determine or correct.

I have sent you quite a num-
ber of specimens of the Junci,
by mail, over 40 specimens, and I
should esteem it a particular favor
if you would look them over
at your earliest leisure and re-
send list of names to me.

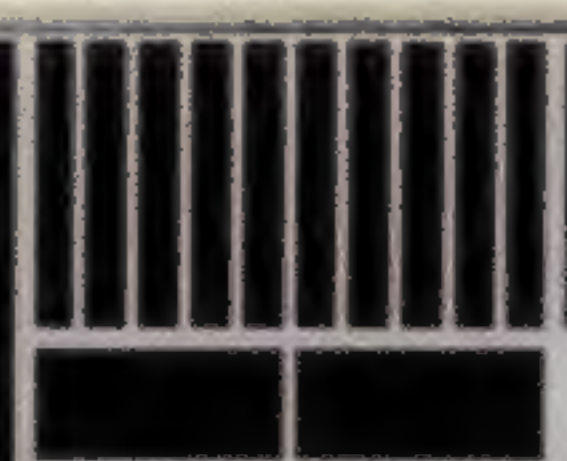
I think I know less about this
somewhat variable genus, than any
other belonging to the Botany of U.S.



having been more interested in the
Filices, Carices, and to some extent
the Grasses.

I know in some instances, I have
sent you quite a number of dup-
licates of some of the species in
the genus, but I was uncertain, &
concluded to trust to your repeated
skill and veteran experience in
dealing with puzzling forms & vari-
ations. A few I have named
myself, but am not all sure that
my random shots hit the mark.
The date & locality is generally given
with each specimen.

Juncus Canadensis is a terror to
me with its various forms. I send
you a large number of specimens
of what I take to belong to this
species, but you may find that
some of them belong somewhere else.
Do not No 47 a queer form of
Juncus tenuis, (if it does belong to this



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species) — so very leafy or bracty, and
few flowered, etc.

No. 49 *Isostes echinifera*
var Braunii

Also examine carefully and see
what No. 51 is, — probably a
Potamogeton, but it puzzles me.
I use to think it was *P. pectinatus*,
but now I think not. Its leaves
are always so rigid, and it has such
peculiar stipules (adnate of course)
before they become parted. It has
an extremely long & pellucid white
root which must lie on top of
mud, as it pulls up so easily, —
the root before dried, (fresh) is
about the size of ladies head pencil
or little larger, — entirely too big for
P. pectinatus. I have never been
able to find any fruit, altho' I
have known the plant several
years. I am also quite well ac-
quainted with our American *Potamo-*



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oysters, having made this Genus rather a specialty for several years, — but I never met this plant — only in two lakes closely united (separated only by rocks) No 50 is what I take to be *D. pectinatus*. This was gathered last August in cold mountain lake on Mt. Everett, fed by subterranean springs. I do not think it is *D. Tuckerianii*, for when I examined the plant when fresh, I regarded the stipules as adnate. Please examine Nos 50 & 51 carefully and give me your views of the matter.

If you could examine & name contents of parcel in four or five (4 or 5) days, I should be very glad, as I wish names for copy of my Pine Plains Catalogue, which Mr. Deygett requires by 15th of this month. Please favor me if possible —

I remain

Yours very truly

Lyman H. Royce

Pine Plains
Dutchess Co.
New York



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