

And March 28

Columbus Feb. 4 1843

Dear Gray — The white mountain mosses & 3 w. Ruth has at last reached me — The mosses are a beautiful little collection, mostly alpine & nearly all new to me — I shall have a pleasant treat in examining them — In my next I will give you what I make of them —

Dr Montagne's letter with your postscript & Endlicher's Monograph inclosing 4 papers from Dr M. all arrived in due time — The unforseen carriage in my last, about Dr M.'s paper, my silence must be taken back — I thank him much for his attention — His determinations are valuable — It is curious to see how he & Schwartzstein differ in not a few cases — However between them, I am enabled to make my list more exact — The "Phareum heteros" Linn. has escaped Dr M. as it did Schwartz. — The moss is *Ectostelidium sonderianum* H. & W. Dr M. & Louran. Moss — the same I regretted you to correct in some of my last sets — One of Dr M.'s papers was particularly interesting — the one from *Annales des Sciences* (vol. 1837) — establishing the genus *Conomitrium* & clearing up an old difficulty about certain mosses of Michelii Dillenius & Hedwig (now species of *Ostrodectes* Brid. Bryo-Nat.). — It appears that *Ost. fijideoides* (= *Fipidens semicompletus*, Hedw.) of my last sets is the Michelian moss (*Conomitrium gallicum* Montag. &c.) found more than 100 years ago in Italy — the fruit however never made known until in the above paper (1837) — I found the fruit here a year ago and as it was evidently unknown to Hooker & Wilson at the time¹⁸⁴¹ of the publication of Dr M. & Louran. moss. I supposed that I was alone in my good luck — Strange, Hooker & Wilson had not met with Dr M.'s paper — neither is it referred to in Endlicher's Gen. Plant.

you write, & I inform you that No^o 7 of your Cordia coll. is not *Hypnum*
curvifolium but *H. protuberans*. This too I venture to think is a mistake.

Your No^o 7 & 10 are two very interesting maps, they may probably belong to
Michaux's two "Grand foliis mucronatis" maps. *Asplenium* & *Lycopodium*, to which
to which it is difficult to say notwithstanding Schleicher's seemingly
detailed figures of the two species — I shall send them to Schleicher.

I hope you have some sporopollenites of them — mine are very
scanty in fruit — None — enough of maps for the present —
I expect I bore you with them — *Mulgedium Lactescens* & *H.*
are doubtless just now more in your thoughts — you must
not however think I take up interest in other botanical matters —
by no means so — I do! The truth is I have latterly given
~~up~~ a somewhat larger share of my spare time in order to get
a start in them — By the way I hope you will take them up
yourself after a while — when through with the Flora — There
certainly ought to be a mycologist in New England — such
a splendid region for fungi — I was glad to receive
Cordyceps Mantidis — so Sullivanian (in index) his paper with
him — very well — it ought now to hold out during our time
at least — I have been looking over my Saccello seeds for
spore tubes — most of them were not ripe enough, but many
that were so & covered with popillae showed ^{no} appearance of them —
The seeds of *S. vulgaria* gave them out abundantly & beautifully — In
S. appenninus (Italy) there were two from each popilla &
Ciliacean species exhibited them even finer than in *S. vulgaria* — I examined
the many other genera having popillae on their ascidia, but without
success — I shall be on the lookout for them when I make
a regular overhauling of my collection which I am putting

off until you get through with the order, but I suppose there will
be no chance of discerning any after you are through with it.

A few weeks since I received via Canal a small packet
of Cones from Dr. Britt — How it ever reached me is a wonder —
It appears to have been sent to me direct from London without
any intermediate agency — By it I learn for the first time
that what we have here is *Conus Willdenowii* is the *C. Vandelli* Rott.

I have often noticed this species in Kunths *Crassulaceen* plant, but supposed
it regard to an accelerated state of our plant — for the ordinary state
of the plant ^{the two species are mixed together, you know.} — ^{when} the disruption is distinct by no other than D.B. — In
Hawkes' *Sp. Br. Am.* I see it noticed that D.B. was engaged in a
monograph of Conus — Is it published? — If so — I should like a copy —
No. 12. *Journal of Botany* is received ⁱⁿ very pleasant notices
at page 835 &c — I hope you hear them weekly! —

In same No^o I see all there lots of *Smilacinae Northern*
maps are old! — Where is my copy that I troubled you about
so much? — do continue to procure me one — I want one very
badly — Thank you for the Collier correspondence — It's
quite interesting — You once said something about Michaux's
Journal — hope to see an article from you out of that.

I find I shall be able to get a box of roots & to you
quite early in the Spring by way of the wagon & rail-road line
to Baltimore — I shall send also something for P. J. Derby &
when can I get have my copy of *Cordyceps & Non-Motile*
Flo. Brasil? — I must be in arrears to you in money —

matter tell me how much & I will send it you
In your next give me some acct of the garden
situation, extent, contents, your views intended &c &c
what are your dates &c — and, now, how are you

PAID

Dr. J. A. Gray

Cambridge

Massachusetts



pleased with the situation — of course it cannot
be otherwise than very pleasant — when on us to
expect Dr. Gray's part of the Geological Survey —
— send me the Flora by mail as soon as published —
Sincerely your friend W. Sullivan



Sullivant, William S. 1843. "Sullivant, William Feb 4, 1843." *William Starling Sullivant letters* –.

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