

First part
of
Journal. Bromine
from George Engel & Co. 1/2 part.

8. Ashburton Place, Boston, Friday 7th

Jan 1848

My Dear Friend



To-day I got your letter of the 5th.
But I am afraid that I shall disappoint
you about ~~the~~ naming Emory's plants. I wrote
you that George had been sick, - threatened
with the typhoid fever that we often have here.
but was convalescent, nicely. Two days after he
had a relapse, and has had a very serious time
indeed. I have been in his sick room nearly all
the time, - and find my strength a little reduced
and my arm tremulous, so that I shall not
write very plain. He had got so well (without
having a course of fever) that Dr. Wyman consented to
his going home, as vacation was near. The day
he went into town - to pass the night at the Loring's
as Lane desired (not as to take the cars earlier the
next morning) I was so busy that I saw little
of him. He exerted himself too much, and the
next morning fainted on rising. The fever developed
itself anew, with rather grave, though not alarming
symptoms, and went on pretty well, till a week
ago, when hemorrhage from the bowels set in. Arrested by

Remedies, it got in again worse on Sunday, - I was soon permanently released, so that on Monday he seemed to be doing finely, though much prostrated, but on Monday night, very distressing pain in the bowels set in, and he was for a time in imminent danger.

Without entering into particulars, I may say that he is now rather better, - indeed there are no unfavorable symptoms now, but extreme weakness, which leaves him not well prepared for any other such time as he has had. We have reason to hope for his recovery, - another day as good as this will greatly reassure us.

It was truly providential, his detention here, at Mr. Long's, and not on the way home, nor was my own house in a fit state; the Carpenters being at work in the addition, with much noise. Here he has had the kindest care, and the best of nurses, with Jane also, who is a treasure in a sick room, and has attended him as if her own brother.

God's patience, equable & calm spirit, and trustful Christian character have shone conspicuous and preeminent throughout. It is long since I have slept at home, or indeed have had a night's sleep at all. I have kept the printer going however, at "Introduction, Index, &c." and my "chubby duodecimo"

of some 750 papers will soon be off my hands.

Thus situated, I cannot now study those plants of
Emory at all. Had I not better send them
back to you, merely noting what I now know
about them, and indicating genera &c. — which
may perhaps, with what you may add, suffice for your
list. Let me know and I will do this by next
day after, if George be convalescent or comfortable.

It is clear that I cannot hope for time enough,
not indeed have I scarcely energy and uninterrupted
time enough to select ^{many for drawing} & reprint them & name
them, within a fortnight.

I am having Tuckermans Lichens printed in
Proceedings of Amer. Academy.

Not having heard from Henry, I should like to
know how he is getting on with Smiths. List.

Going to Cambridge to-day, I found Agassiz
had called, but I have not yet seen him.

I did not know that Nuttall was in the
country.

Kooskookie plants should settle one or two of
Pursh's (Laird & Clarke's) not yet well known.

Either Miquel, or some one else, has been writing

119 pages left to printer at 10 o'clock
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on the Piperaee lately in Ann. Sci. Nat.
I think I have seen a substantive work
advertised by Bailliere of London & Paris.
That is all I know. Love and warm New Year
wishes to Mrs. T. and all the family.

In haste Yours faithfully

A. Gray



P.S. Tell Hastings I have his of the 5th
The London Journal of Botany ^{for Decr.} came at length
by mail, 5 days ago only.

The N. British Review, Saxton & Kitt Gray
have not come to them at all. I called
them ~~yesterday~~ a few days ago. How am I to
get this, and it happens to be one I wanted much,
for it has a review of the ^{Antarctic} Exped. that J. Hooker was in.

P.S. Saturday Morning. George has had
a bad night, but whether he is to experience relief
I cannot now tell. My next ^{letter} will give you
information decisively. — A.G.

8 Ashburnton Place Jan. 1848.



1848

Cambridge, Friday.

Dear Friend

Thanks for your kind
sympathizing letter. I write
in great haste - to save the mail
for N.Y. from Boston - to say that
I have sent parcel to you by
Adams's Express. - - - with
Mr. Emory's plants - brief notes -

- One or two of those Compositae
will afford duplicates. I should like
them - and presently, if you do
not describe them fully, I will
if you choose describe them more
generally in Amer. Acad. -

You can give brief notes in Emory.

I have now to look out for
a publisher for Manual -
It costs so much that W. &
Putnam decline to take it, except
at an offer which would make me pay
rightly it nearly $\frac{1}{3}$ of the cost, while they

take more than the lion's share
of the small profits.

I think I can get on
through it without them.

In greatest haste

Yours ever

Alpen

Love to all.

Dear Doctor

When you sent Princeton
fruit (if the bractiferous are there),
will you help me out of a
difficulty about *Streptanthus*.

The enclosed figure is from a
plant of Texas, Lindheimer -

I thought it likely to be *S.*
striatipes. But in Hooker's
figure there are no leafy
bracts - here they are persistent

See if your spec. are bracted,
and whether this is not the case with
S. maculatus. Which is more?

What is the difference between
them. The fruit here figured is a
pod you sent me. (*S. striatipes*?)

Pray help me about them.

As to *Cleome*, in order
to name the sp. I have
figured, I am obliged

to study considerably. I have fallen
upon a recent attempt of Lindley's
to set them right (the Viana set),
accompanied with some fancy
remarks, as usual. He has evidently
made more blunders than the Pras
corrected, - though he had the means
of clearing things up, if he would take
the pains. I wish to review those
of the Flora, and correct Lindley's blunders
and some of our wrong views, now that I
have access to all the figures
in Magazines, &c. - I will do it in
~~my~~ ~~own~~ ~~words~~
account of Santa Fe plants wh.
I now go at, - in which there
are 2 sp. Clematis and an Atropine
very like A. alpina, indeed,

I shall have no room for it in
Genera. - Can you therefore
get rid of, and forward to me
your Amer. Spec. of Clematis
in herb. - I cannot use a
large piece of paper, for fear of
double postage. Yours ever
Algray

Had more done
here.

TORREY 196
HERBARIUM.

March 1845



Dear J. ...
I have ...
part of your ...

I have determined ...
the Manual ...
I have, for a ...
to the publisher ...
I am ...
I must not ...
have ...
in sheets ...
to make ...
The copies ...

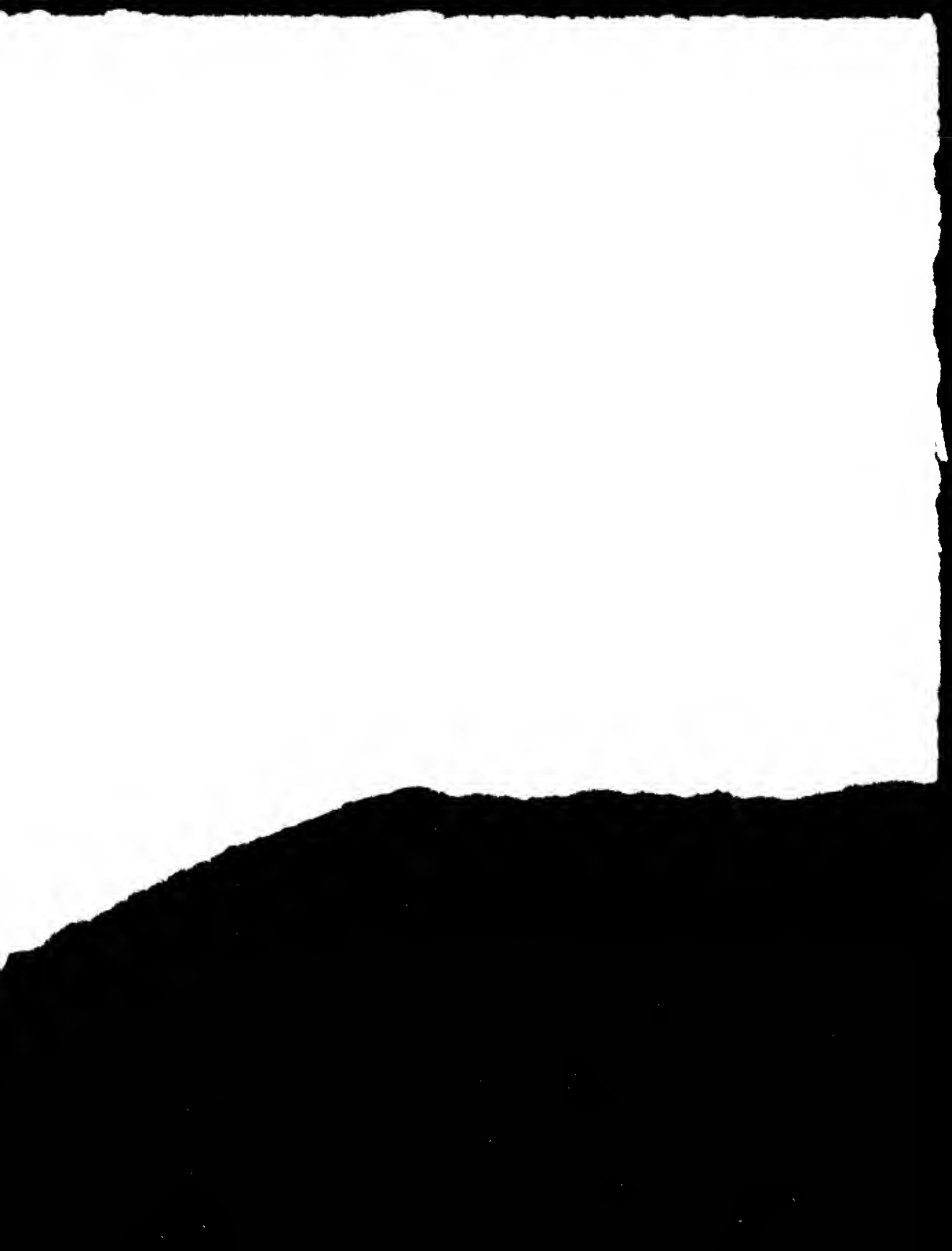
Enclosed, Am. Acad
Please distribute by P.O.
or any way you please

I am glad at work
at home and happy
to get the little with a letter
at.

Yours ever



Algray



W. W. W.

7th March 1918.

Dear Doctor



Hard work alone
prevents my writing to you -

I want reply from Grant
to questions asked in enclosed slip.

I told you Fendler's specimens
are truly fine. - so far as I have
seen. - the sets will soon be
here - must be distributed to give
him cash to live on - Meanwhile
he has offered to go back - stay
2 years - & collect largely, if we
can get for him an outfit.

Do you know any one who will advance
- to get him pay in plants 1st instalment
next winter. - We want 4 or 5 hundred

Mr. L. has promptly offered \$200.

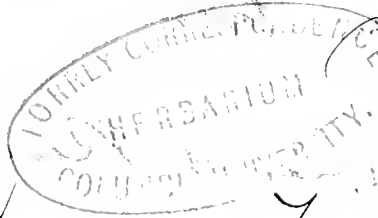
Back he must go.

I want to hear from you very soon
about Streptanthus;

Yours ever.

A. Gray





Cambridge March 10 1848.



Dear Friend

I have yours of the 5th which
crossed a note or some scraps from me
under an envelope.

Thanks for the information about the plants.

It is not too late for the Clematis. I
merely put a brief note at the foot of the
Genus in Genera II. — but want to
straighten out the whole matter when I
prepare the account of the Fendler Plants (in
which there are 2 or 3 species) — so I shall
be glad to have them.

Moreover in 10 days or so I shall have to
study Elatine will you at the same time

therefore send the Monop. in
bur. of which you once spoke. Act. Acad. Nat.

Fremont's plan is to be Governor of California.

Holtan has been with a true certainty. I have
never seen some of his notices yet.

As to the Review, the North American is pro-empire.
as Mr. Emerson is to have a short article on it.

in April No. - that probably, but it will prevent
them accepting another on the same book.
But there are some N.Y. Magazines or Reviews that
ought to be glad of it, and pay well for it.
Nutt has been here, then Mr. Lowell - is to
go to-morrow home. - I have not seen him.

I have heard nothing of Young's plan.
He is a zealous, but crazy fellow.
Aristarchia is - have good classical authority
same as Tetradia. Octandria - is - but there
is an overwhelming tendency to disregard it.

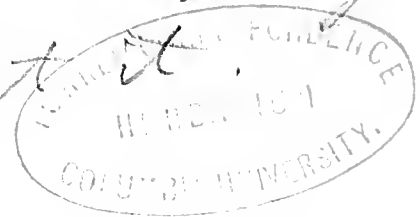
I am making up my mail bag (through Amer.
Minister's despatch box - into which I have found my
way) for steamer. - Academy's boxes and
distribution of Proceedings - large and various.
I write to Nutt, Brewster, & also -

Pray say to Mrs. Innes, with my love, that
I did duly receive her very kind and sympathetic
letter, and thought I had already thanked her for
it. - With so many distracting, urgent cares she
must excuse me. I would write her now, but
cannot, in close and the same case to you, without
going against the law. - will write soon. (Yours ever
A. Gray)



Friday Aug
Dear Doctor

Muttall came up to the
Garden this afternoon - just
as I was going to town. - He
half an hour - seemed wonderfully
pleased and tickled. -
What is more - he offered to
subscribe \$100 in advance
to send Henslow back to Santa
Fe!! (He had seen my specimen
at Mr. Lowell's) - What do
you think of that for Muttall
in his old age!! Great it beats
all? He is to leave an
order on Campbell at Philadelphia
payable in May. I hope he
won't forget it.



A.G.

Thursday Evening



My Dear Friend

Your parcel came to day

Many thanks — After dinner I have just looked over the Mexican Composites of Gyps which are numerous, and quite a bonne bouche My old love of the dear Pappose creatures revived at the sight, and I longed to take them by the beard. If at liberty to do so (am I?) I think I will, at the same time I do the Santa Feans, and at the same time will study any of Abats or Emory's or M. Spain Composites you have not already disposed of. As to the parcel to be divided — of which there are no duplicates, who ever packed your parcel was taken care that there shall be pieces enough, if no specimens. They were in larger paper than the other bundles — not protected by binders board, and therefore both ends, for 2-3 inches were nicely folded up bent up against the ends of the shorter bundle next them, which was very pretty for the shape of the parcel, but deaths to many of the plants — for the fold came just below the heads in most cases — too many of which were decapitated like the victims of the (last but two) French revolution.

I am sorry the parcels for Bentham were not here a while ago — but they will go by the first steamer from Boston, under cover to Hobbes to whom I have things to send.

I have been going on with recitations for some
time, ~~and to day~~ twice a week (2 hours) - and to day

I began my lectures to the whole Junior class -
on Geographical Botany - for the present. -
What with these duties, superintending Gardener - &
painting & papering in the house - & Mapping Drawings for
2^d Vol. of Genera - & printing the first - with the
printer over on my heels for copy - & at the same time
printing Memoirs - & Proceedings of the Academy. &
managing large correspondence - you may conceive that
my hands are full.

Yours most cordially

Al. Gray

My Dear Dr.

Wednesday

I got yours of Monday yesterday afternoon. I have one or two (old) *Horbekias* from Britton's Coll. but not the plant you saw. This, by its 20 stam. with filiform long filaments & few ? ovaries, would appear to be a good genus, - but it is pretty close to *Horbekia*, of which it has just the habit, and that fashion of crowding its leaflets is carried to a maximum. I thank you heartily for the bit of it.

I have *Zinnia linearis*, Kunth, Pl. Hartw. - It is not the same as yours.

Fickman told me some time ago that he had sent you a bound copy of his *Lichas* - this W. R. as I understood - and he seems glad that you do not write to him.

Thank you for your kind invitation, I hope to accomplish the visit. I don't see why my hurry and want of time should make your letter short. In time I hope to be less pressed.

Yours cordially
Alray



[Faint handwritten notes at the bottom of the page, possibly including '100' and '1000']

Can you spare Mr. Shelton
presently?



Wm. H. Harvey
Providence

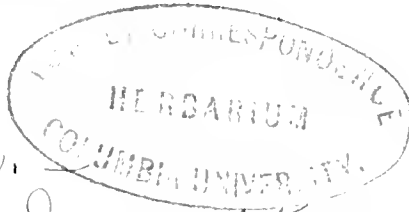
P.S. You have my Decaisne's *Opuntia* in your
have you not?

P.S. I had forgotten about the Californian *Sarracenia*.
Does it prove a genuine *Sarracenia*?

58a

Cambridge, Friday.

My Dear Friend.



In your letter received to-day is one point which makes me reply right away - Surely I would never fail to answer at once a specific inquiry. No did I. The day after you came including the specimens of the *Imp. pl. Limnia* plant - as I was writing Kelton I answered several points in your letter in mine & then - knowing you would see him even day - among them I remember distinctly saying that the plant in question was a *Limnia* having all the characters of one - except the rays not (yet) characteristic. Surely Kelton must have related to you the various answers my letter contained to your queries. - Afterwards if I remember rightly, I enclosed the specimens in the my same letter though I am not sure but I enclosed in a later letter directed to yourself. I supposed you wanted the information directly for immediate use - I therefore gave it at once. Ask Kelton.

Glad to hear of Forwood
he will do something now he is no longer a fighting-man

Small takes a set of Gambell's plants. -

I trust Hastings papers are raised now. -

Will Ticknor set you a bound copy of his letters? I wish I could give you a copy with the page etc. - in sheets - as I took (about) 20 Miss' June 7. -

It is not here so very cold here. -

I believe it is contemplated that I am to marry (as far as) in the 4th of May, if Miss C. can get her father properly taken care of in that time, and get her own affairs ready. But, as the house in town must be closed, and the family will go to the country to summer, & Berry for the summer, I cannot be attending a wedding. -

Which I like the better, on the whole, for, hummed as I am now, I can hardly find time to devote more than an hour to the business.

Today I put some plants in the new cases of my new study, which when you see them you will pronounce them nice. I am certain.

Good-night. Love to all. Yours ever
A. Gray.

Miss Gray May 21 1858

Exact copy of Robert's letter
from the original at the original from
Mrs. Gray after Dr. Gray's death in
account of the reference to his marriage.

Ed. Britton.



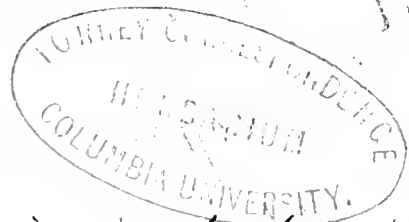
1872

1872

1872

Cambridge

April 27, 1844.



69.

My dear Doctor

I ought to have replied before to yr. letter of the 12th April.

I do not know the Calif. shrub. "Rosac." of which you enclose a fragment. In foliage it looks like some of the little-leaved Rhamnaceae, but I think I saw a little fruit of two follicles. Is it Spiraecus?

Mr. Greene. Secy. of the A. B. F. M. has placed in my hands a box of plants collected by Mr. Spalding. a pretty large no. of specimens - but examined together with little papers - but I have extracted them pretty well. I am to help my self to a set - name, and sell the rest for the benefit of the mission. I shall presently

pick out a full set for myself (as I distribute) - putting in nearly the materials for another for basely and send on to him for him to get compare & put on his determinations, as made on a set of same sent to Washington Inst. At the same time if I know what ones you need & did not get good pickings of from the Washngt. set, I would throw in for you - I mean to sell them for \$7. or \$8. pr. hundred. You shall have your pick of what you need for \$8. pr. hundred which not only will aid the cause, - but by turning these handsomely to account, I shall encourage Spalding to collect more and better. - and also

induce the Secretary to instruct them to collect

My Generals will be out of the birds head to name
- some copies at least. I shall send you a copy
to Hottel's care.

I will take up your Regum. Composita along
with Korkorkie - & the Mexican as soon -

In great haste

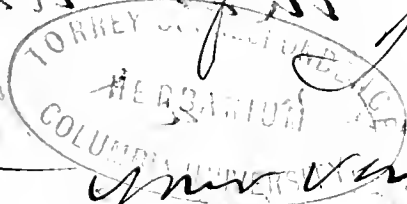
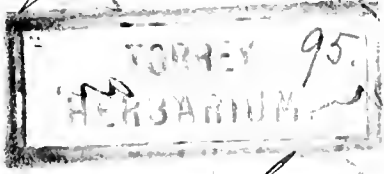
Yours affectionately

A. Gray



May 1888

Cambridge Monday May 7 1888



My dear friend I ought long before to have answered your very kind letter of the 12th of June which I cordially thank you. The constant pressure on my time and unexpected engagements alone have prevented me.

My first now is to say that not long since I received a letter from Pillsbury with return from Washington to Columbus - urging me to take up the Exped. Plats that are still left - to which I returned my very encouraging answer. Later I received another which is still unanswered - and on Friday evening Saturday Wilkes came to see me on the subject. - I have offered him the

sum of \$1000 as a written expression of his wish to that effect, to get on to Washington to see the collections and make a selection in the printed and wished me to superintend the general arrangement and plan of the whole botanical publication, - and also to elaborate the rest of the plantations, - and I as I prefer or cannot put out my hands.

I tell him that if I do it my report will be well enough paid to enable me to take a curator to do the mechanical and to relinquish to work that occupies me - and to relinquish to a tutor or to another person a part of my present college work. - in which of course I shall have

to relinquish some salary. And that any propo-
sition I may make will include the expense
of a voyage to London & Paris and a residence for
at least 6 months abroad. In that way by
the aid I might receive from Hooker, Hooker and Bentham's
general knowledge - I should also look to your two
elaborate families or florae besides those you are now
engaged in. Will you let me know if one can
take the whole remaining work in the group, what
I ought to ask for the job, for I should prefer
it in that form. I will not engage in it without any
thing is made very satisfactory all round. -
Henry writes me last week asking me to
prepare one of the Reports for the Smith mission
I should be glad to do it (aided by proprietor)
but shall support a somewhat different plan
from Henry's and more time. Before Willkes
came I had made up my mind that I must
have a curator. I cannot do the needful mechanical
labor which my collection and undertakings require.
The proposals of Henry & Willkes come therefore
to afford me the means of doing this, perhaps
when you come on here at the close of
June you shall look over Willkes's Japan Plants,
and see and take what you want.
If you have received my parcel, pray
tell me what you think of the Genera.

You have not as yet spoken of it.

Thanks for the fruit of Berchemia &c.

I am delighted to hear such truly good news of Hartings, and I will write to him, when circumstances give me an opportunity. Perhaps I shall see him next week, for I must pass some time at Uxbridge on my way to W. (if I go), to settle up a long and very intricate account.

I have ~~Gardner's~~ ~~Rep~~ ~~with~~ ~~all~~ ~~an~~ ~~address~~ ~~to~~ ~~Plant.~~ - ^{Virgiliana} ^{Report} ^{Washington}. ^{for} ^{you} ^{have} ^{several} ^{extracts} ^{from} ^{Harker} ^{reached} ^{me} ^{from} ^{him}. - ^I ^{have} ^{several} ^{extracts} ^{from} ^{him}. -

~~need not send to him.~~
The supplement also. *Linnaea* - A *Linnaea*
I know nothing of the *Linnaea* -
from *Regin* - (if distinct species) should be called
L. occidentalis.

Regin's companion, *Mareme* is here with
Spaltin. - but he has not yet appeared.

Regin Compositae form. -

I must run to lecture & so peak off -

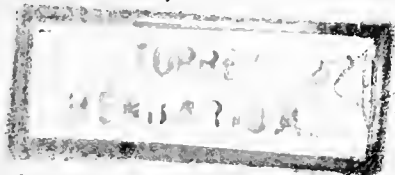
in haste.
He hears nothing of Mrs. Fowlers letter, which she was writing on the 12th.

Lane sends her best thanks slow, and
hopes you will call her nothing else than
Lane. She perfectly reciprocates all your
affectionate kindness to her and to
Yours most affectionately
A. Gray

Faint, illegible handwriting covering the page, possibly bleed-through from the reverse side. Some fragments are visible, such as "the best", "the first", "the second", "the third", "the fourth", "the fifth", "the sixth", "the seventh", "the eighth", "the ninth", "the tenth", "the eleventh", "the twelfth", "the thirteenth", "the fourteenth", "the fifteenth", "the sixteenth", "the seventeenth", "the eighteenth", "the nineteenth", "the twentieth", "the twenty-first", "the twenty-second", "the twenty-third", "the twenty-fourth", "the twenty-fifth", "the twenty-sixth", "the twenty-seventh", "the twenty-eighth", "the twenty-ninth", "the thirtieth".

Cambridge 8th May 1848.

My dear Doctor



Yesterday I sent to Grant at
Wiley for you a parcel containing
some Linnaea, received from Hambro - your
copy of Seubert on Clatine, and a bound copy of
the Genera Flore Am. Bor. Orientalis Illustrata which
I ask you to accept, and which I trust you
will like. There is also a specimen enclosed of
some vegetable product that has lately become
somewhat common here, and which I thought
you might like to examine. It is apparently
of a rather complicated structure, in fruit evi-
dently, but syncarpous; the heterogenous and baccate
or fleshy ovaries being immersed without apparent order
in a farinaceous receptacle. If you should
be at all puzzled with it, and can't find out
to what particular family it belongs, you
might call in the aid of Mrs. Fowey and
the girls, to aid in the investigation. I dare say
you will make it out.



Your things for Bentham went to Boston
by last steamer.

I want seed ripe fruit (with sound seeds) of
Berchemia! and of Sageretia. Can you give, or
lead them, and send in letter.

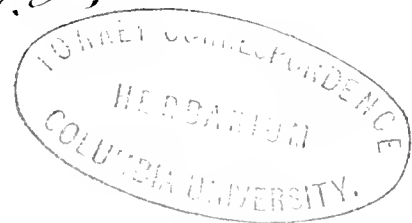
I want fruit also of Stewartia (part aspera,
and of Gordonia pubescens.. (I have G. lasiocarpa
& G. virginica) Will you push in your garden
and let me know if you can supply them?
Else I must send to the South, for them.

Lane and myself are very comfortably
and easily settled here already, and have
already the pleasure of entertaining our first
guest, in "Aunt Mary," the sister of your
dear friend, the late Mr. Peirce, who is spending
a day or two here before going back to
Litchfield. — I have just got a large
box of Texan specimens from Wright. I try to
dispose of some for his benefit. Does Mr. Full
want such things, or is his mind now
occupied with law. — I remain
ever yours faithfully
A. Gray

Is Henry at Princeton or Washington
now?

Love to Mrs. O. and the children -

A.G.





Prof. J. Torrey
Princeton
New Jersey

June 1848

Cambridge Tuesday Morning

My Dear Doctor

RECEIVED
HERBERT
COLUMBIA

I am just home and as I had no time yesterday to reply to your kind letter of Saturday, I write at once now.

First, let me say that you more confidently expected our little visit of 4 hours than I meant my letter from W. should have warranted. For I could hardly expect that time or that James might have admitted of our leaving W. on Friday night, and riding all night.

That evening we were at the White House to see Madame Polk. We have accomplished a great deal of sight-seeing and all in our week or a day, and Lane has enjoyed it much, except the drawback of not seeing Mrs. J. & the girls & yourself at home which she greatly wished. So probably disappointed in New York too.

Your letter sent up to our room Sunday morning told us that Mrs. J. was to return to Princeton on Saturday afternoon. But the next morning Holton called & told us she was still at Mr. Roberts, but too unwell to be thought to come down to call on us. So

we went up, as soon as we could to see
her - found ~~that she~~ had gone out.
On our way down we stopped at the Med.
College thinking we might find or hear of her.
- We saw dear Herbert and he told us that
his mother had just left. After dinner
we found from Hastings that she had been
down to see him when he was out - in view
of finding us. Pray tell her that we
did our best - with our limited time and hope
for better luck next time -

Now as to Expt. Exposed. We will talk
it over in full when you come on here toward
the end of this month.

suffice it to say - (as I am pressed for
time) that I had made up my mind what
I would do it for before I left home
that on looking over the collection, as to
various parts of it - as far as time allowed I
found it less ample than I supposed, but
with many difficulties owing to specimens in fruit
only, or flower only. - I think it no very
awful job, if done in the way I propose
which is, not by Monographs by people

abroad (which the Committee will not agree to) - but by working up a part abroad in Stokes or Buttrick's - or Garden of Plants herbaria -

The Chairman of the Committee & Wilkes behaved very well, and told me they were very desirous I should take it up. -

On Friday evening Wilkes came in, before we went to the Presidents - asked me to say what I would do. - I told him at once what I would do - (just what I had told Jane before we left Cambridge) - & Wilkes at once accepted them, as I supposed he would. - My terms were based on the

supposition that there is 5 years work in preparing the collections left on hand for the press & in superintending them in printing. - that is, at the rate in which the Expl. Exped. employ the best of them - work. They set £120 per month. - I ask that, viz. £7200 plus £300 for passage to and from London or Paris. - & agree to do it up in 3 years

or nearly from Jan. 1. 1849, except there is printing of a vol. or so in the mean while. - My drawings to be made by Maguire, &

he to be paid as Drayton & I agree.

I to pay for my own help, - whatever I
choose to employ - by putting out families -
For that I have to rely principally on
you & Harvey, - in taking families of genera
for which I will pay pro rata. Perhaps
Lichenman may be induced to do a little
- But I fear he has done the Lichens
slowly. You shall take as many
families as you choose - the Cypripedium
course (which are few) I will swap
those against the Regia & halif, Compositae,
if you choose.

We must settle together the typographical
form of the work, etc. when you
come, and we will make the other entries
conform to the plan we agree on, which perhaps
you have already fixed.

Now I want a cerebral & active curator. What
young botanist can I get? Holton would be
just the fellow, but for one thing that is his way,
which would render it impossible for us to work in
the same room. So he quarrels with Holton in
speaking of this. I would gladly have him, but cannot
have him as a curator any more.

Lane sends her love (not "regard")
Mrs. ever
Alton

I've a report on subjects. Letter on your note. Sent back the half

San Francisco, 28th June 1868
Dear Mr. Darwin

I am a little concerned at not hearing from you for so long a time; but we are hoping you will soon be on the way to visit us. Lang (who is now at Berkeley with Papa - who is laid up with a strained ankle) insisted upon my writing an appeal to you to say how glad & gratified we would be if Mrs. T. and any or all the girls would come with you, and Herbert. Come soon; for we must make a visit to Sanquent at the middle of July. I get tired of so much writing as I have to do, but when I see you we can talk over many matters -

I have a letter from Nutt. He mentions the receipt of the parcels of Mexican plants you sent through me. Did you write him about them. If not may do. I have a good personal chance to send to him July 12th.

He says "Hastings has just returned. - he has about 400 species of Californian plants - very good specimens - & many new things - 2 new sp. of Linnaea and a curious Rosaceous shrub were what struck me as a very pretty plant. You are set down for 2 sets. - [one for S. T. Carey]

Nutt proposes himself greatly pleased with the Genus, and the dedication. As to what Darlington writes, I should be very much

gratified if you would take your hand, even for a
short notice of course. If you say you will not
I must ask Dana to notice it as he likes. I should
have asked you before, but I know you dislike to do such
things. I should like to have it noticed by some one
who knows what it is about, and can appreciate its good
points.

I am at work at Santa Fe Collection. Rocky Mt.
fossils but not much yet. I hope to clear up
some things as I go on. I have written to Wright,
who is now nearly ~~at~~ in Texas - to come on the curator for a while.
attend to the lectures too, if he will - and at length
may send him to Santa Fe. He is Connecticut born
of Yale College - I hope a good scholar, and that it
will be well to help a little. I shall not be able to do
much for him at present.

Love to all
Yours faithfully
Asahel

RECEIVED
CORRESPONDENCE
COLUMBIA UNIVERSITY.

Wm. W. W.

Admission

to the
Library
of the
City of
New York

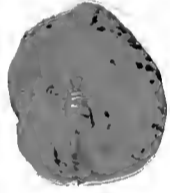
1850



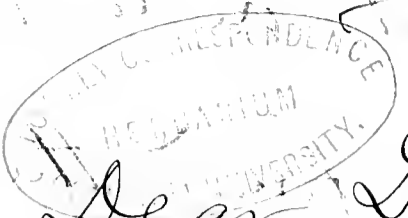
V

Prof. John Torrey
Princeton

New Jersey



Cambridge August 2^d (Wednesday Ev)



My Dear Doctor



I have just got your favor of Monday - and hasten to reply, not before I attack the heap of letters that lie before me -

First tell Hastings, that the boxes from Endicott came to-day without those parcels which he promised to send down to Endicott ~~on~~ Saturday. - Tell him he is bound now to send them to me in Wiley's care to Boston - free of expense -

Consequently I cannot elaborate the list of Linnaea (which was in said parcels) to see how far they fill my gaps. As to those lost you marked I grant to divide what came into 3 sets & take one to you. I have said that the duplicates to me & as you mention - & send a revised list of your desiderata in Linnaea. I will send back to Schott

I will very gladly write the testimonial for Holm. He was to give me the name of the person to whom said testimonial is to be addressed.

Now as to the matter of Wiley's bill - Mr Wiley's book keeper has made out an acct. against you for \$113.71. Of course I know nothing of the item that I am concerned about is this to be a credit rendered to me is a charge

1842 March 3rd 1842 1 box Instruments to Dr Torrey & 78.95

The charge you see, corrects your name with it, and, as I could recollect nothing about it, this

was one of the items which I went on to New York to investigate. -

As referring to the day book, we found the charge just as above, no more, except the word "Suspical" (which may or may not be correct). The book keeper could not find the original invoices of that year.

Now you, through Hastings, must investigate it. That W. & P. all day that time were in the habit of putting small charges against you for parcels to ~~your~~ account, appears from an examination of the books - but none of them are of any consequence.

May not the case have contained chemical or philosophical instruments? In passing my memory about those times I have (an indistinct idea of your importing a pair of mirrors ^(from Paris?) not long before I came to Cambridge. Can this charge have anything to do with them?

This is all I had thrown out of my account & referred to you.

But there is also a charge of
"1844. Jan 17. Cash to Dr. Torrey ——— \$ 20."

This I have let stand, only asking Hastings to enquire of you, if you had any recollection. I let it remain in my account because I thought myself that it might possibly relate to my creation of the De Caudille Prod. - which I took in paper & grass from a set you had, of Wiley & P. I had them charged over as I thought to me. But, as I nowhere find the item I conclude that you had paid for them & that you. This may have been

the pay for them turned over to you.

I am glad to hear you have got so far as to find what that *Amaranthacea* has been called.

The drawing of *Artemisia* nova is done - tomorrow I am to see Sarsel - the new Swiss Engraver to get him to engrave it - while Sprague looks on to learn how.

I want one more plate to work on the stone with it. Shall Sprague undertake the new *Portulaca* color. We await Arment & your advice as to what more you like to have done.

Sprague says if he stays here with me he must have a little house of his own. I should probably try a patch of land near a small house. This will give me absolute control over him. He refuses to enter in to my plans for work with some alacrity, for him. He is good bottom.

Sent me a copy of Ender's Report as soon as you get it. I got from Washington a copy of Arments

Report (check, but not the map - which I trust I shall have, however, *Greggia*, *Fallugia* &c.

(Thanks for *Greggia* - I shall be glad of specimens to put that rough *Agemone* into *A. grandiflora*.)

Tom - who would send much love if he has gone down to her Papa (to-day), whose foot is no better. She remains till commencement, (Aug 23) or nearly. I think, late in that month, or thereabouts.

to make (the last journey of the season) a visit to Litchfield.
They are glad to hear of the prospect of a visit
from Mrs. T. & the girls. Let us know when, that
we may arrange her movements accordingly; for she would
think much of such a visit.

They will find me very hard at work. I suppose
for I have more than my hand full; and no prospect
of my curator till December.

I have kept to the last a sad, very sad
piece of intelligence which I know you may have
got already from the papers. Poor Pakes destroyed
himself by drowning in Boston Bay, on Monday!

His body was recovered only last evening. I know as yet
little of the details; I have not the heart to write about it.

He was here to see Mr. Maguire a week ago, & Sprague
said he appeared very much depressed - unusually des-
ponding. I have heard no motives assigned.

But, if Maguire is correct in his suspicion - about his
finances, he will probably lose the result of his labor to
the amount of about \$150. - and I about \$75. -

It makes me feel very sad to think of him.

Love to all

Affectionately Yours

A. Gray

P.S. Sprague says you need to send notes or descr. of the Franseria & the Portulacaceous genus. Will you?

I have found the missing plants of the far Franseria, that Sprague began to draw, left unfinished 2 years ago. He is now finishing them.

P.S. Friday Evening Aug 28 1878

Dear Doctor
I have got in a puzzle over Malva & Malva-like Sidas (M. Sida malvaeflora etc. Has this a "radicle superior" or Sida, or rev. I suppose you have gone over them in studying the "Expl. Exped. Collection" - if I have one near me, I think, No. 80 Handl., to which your 410 (1845) Franseria is also allied. That looks like Handl.'s figure of M. Sida malvaeflora - but is very diff. from the plant of Bot. Beecher suppl. 4. - Indeed, I find all sorts of confusion about them. I see my way through the paper Mittallias pretty well - but not through the rest. I should like

to harmonize, with & adopt any new views
you have formed. Will you, therefore, send me
(by Express) your Amer. Species of Malva,
Sphaeralcea, & Sida Fibra nos. 9, 10, 13,
14, 15, 17, & 19. If any of your improve-
ments come in my way, I will adopt them.
If you have them not clear I will try my
hand at them. - for I can't get an
either through the present, or the Texan
collections, without a deal of overhauling &
study. [Sphaeralcea ovalis T. Nutt.] Sida acrif. Nutt. in T. & G.

I am glad to tell you - thro'! I have not
time for the particulars, that I have
from information you received little doubt
that the catastrophe of your boxes was
an accident! and not suicide.

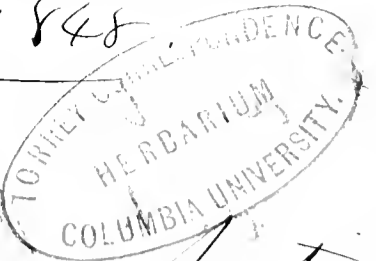
In haste Yours ever



Alger

I send by mail the last part of Proceedings
Amer. Academy. - If you get copies & find to take
them. Please send me the cash, if you can.
I want it to pay paper bills. - A. G.

Cambridge 16th April 1848



My Dear Doctor,

I'll try to be more particular in dates. But only to think of your keeping & filing away such a quantity of my scrappy letters. It actually frightens me!

Your parcel by Express - with your letter enclosed has just got here. I have now it on.

I hope you will find out what that case of "Judicial Disputants" means.

As to the Cash \$20. I presume I gave the right explanation before - though you ~~did~~ do not exactly apprehend me. I find no old bills

of Dr. Prud. vol 1-b charged to me - I took a set which you imputed, & the account was rectified between all three by charging over the amount ~~to me~~ as Cash to Dr. Loring \$20.

So I concluded I still conclude that this settled all that - ~~and~~ consequently that you do not owe me that \$20 at all.

I want a copy of ~~the~~ Errors Report, whenever you can get it.

Look over the enclosed sheet, if you will find several Memoranda & queries of mine - I will now take up Malvaceae & steps to get cleared up some of them.

Gambell has sent me the 4th of Nuttalls
paper on his plants - and solicits me to take a set
of about 200, which he can spare. I tell him
he may send them - and that if you arrange to
take them I will turn them over to you. I suppose
I shall get much published for a large portion
of Nuttalls new sp. in his paper or marked as from
his own collection. Perhaps there are other new things
which Nuttall has not touched.

The Lathyrus 568. - (which I have put for return in
your pigeon hole) is I suppose a *L. palustris* - the lower
leaves of which frequently have almost no tendrils. You
see it is a standing

Malva obtusa Torr. Gray is a good species (not a
var. of *M. rotundifolia*). I have it dry & alive from Santa
Fe, Fendler. - But it is *M. borealis* Wallr. ex Fries
notia. - Koch - Babington - see the char. in Babington.
If you have not the other works. - Linders described 2 species

So had you done up the Family for Expt. Expt. and not
found out that *Sida malvaeflora* & its allies have ascending
seeds radicle inferior! - and moreover there is no reason
for thinking that Linders plant is that of DC (Fl. Mex. Ic.)
at all. *Malva fasciculata* = *M. Missouriensis*

I think: but will tell you certainly soon.

Judging from memory, you have not the real *Malva*

pedata in your Herb. I have it now from Texas -
- the real.

Tuesday 22nd (except) I have - as I could get time been
rehauling Malvaceae & have now got nearly to the bottom
of Malva & Sida, & should finish but now comes Commerce
mat. H. - Will soon report further.

To-day I have a line from Dr. Scott. He had
got the parcel of barices you sent by Mr. Lyman -
and your letter - He seemed pleased with them.

To-day I have a letter from Engelmann - He has
a copy of Emory's Report (I wish I had one). He
expresses sorrow that his notes on Abacua were printed.

for he is not satisfied with it. He adds
"Neither do I like Torrey's figures, though they look pretty".
& proceeds to make some remarks on Fallopia 2 2 &
especially Tournefortia - no great amount - I will

send you his letter - of two sheets - if you care for it &
will remind me. He like all his letters is chock full
of botanical points. - He is sending me all the Thurberzans
Compositae - etc - for study & description.

I have at length a letter from Carey in a more
encouraging strain - his health much improved. He is
back to New York again. - Promises a visit as large -

his brother rather better. - But I fear he will
not last long.

I have heard nothing further from Milkes. -
He has been South - a few days ago, I saw
by the papers that his wife (a sister of Prof. Reynolds)
died at Newport suddenly, I suppose. - She was quite well in
June. -

As to your Baker, I will give you the particulars
hereafter. I write with several here - around the table
- some distant friends for comment - and cannot
now narrate the particulars - but I am still most
inclined to the view of accident & not suicide. - I
cannot understand it at all on the latter view. And
think you will be of the same opinion in hearing the facts.

Without waiting to fill the sheet I send you
the notes I have already made on Fremont's plans -
I will send some - You will find some queries interposed
among them - which please notice -

Maguire has three of the unfinished Fremont drawings -
he will soon finish them (& perhaps engrave them himself
in the stone - as a trial. He says he can do it.

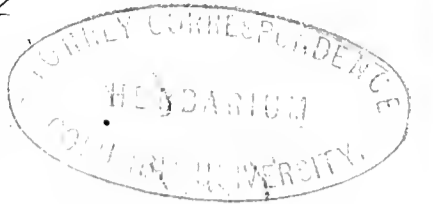
Journal has engraved your Fremontian on
stone but has not yet got a place & chance to
put up his press to work off proofs - he promises
it in a few days. Good night.



Mr. Louis Fort is little better. Jane came
up, however yesterday - for this week, at least. She
hopes Mrs. F. will keep her resolution & come on with
Bertrand - She sends much love -
Yours affectionately

A. Gray.

Cambridge August 30. 1868



My Dear Doctor

Joe (now returned) brought up your letter of the 28th this evening - (thanks post) crossed yours of the 23rd - contains the \$12 - I will note a few mins. from that part.

I can't promise to examine your set of Monterey plants. I should like to see the Malvaceae - especially which I have been now so long at work. - But in the long notes I am making in Pl. Fend. I do not touch the species of *Sida* (except to complete the gener. character) & castigate all sorts of things out of it) nor *Abutilon*. But when I take up *Landhemera* & *Wrightia*, Texan cells - I shall be obliged to investigate the species of these genera which I see is no easy job. I shall try to characterize all the spec.

I find in N. Amer. of *Malvastrum* - a genus which you may think I have gone too far in establishing, but which leaves both *Malva* & *Sida* much better off. When my notes are fairly completed, I must try to send them to you for inspection & comment.

Euphorbia is not going to do Jeffrey's plants at all - except *bacte* & his other sets as they fall in his way - on the contrary he is sending me a part of them for me - as well as his set of *Miskimans* for my use - Describe yourself any thing you choose out of them. Probably I should go through no family clean except *Compositae*.

I have (last night) a set of Barter's Mexican Plants - unnamed.

Many nice things are flowering in the garden. *Euploca*, *Lipachys pedunculata*, *Landhemera*, *Barrattia* - & *Malva* (*Callischie*) *pedata* - which I think you do not well understand, is in bud. Root of *Formaria* was promised me before this but has not come.

Testimonial for Hille was sent last week -
I told you I had found the spec. of *Frument 2^o spec.*
Plants - *Rustica* etc - *Frument* has them.

Letter from Paul Casary is better -
John will soon come there - I think I shall
detain him all winter - I partly want help.

Hook & the Port Buck: *Rustica* has the same as to *Melba* etc.
but it is clearly diff. Compare the spec. I pluck & enclose
with the material from your yard. Besides fruit & that pedicel the
colla is only 1/4 the size.

I add paper of a Texas *Stachys* which I am hoping for the
Genus - (Lindb. & Wright) - now in flower - 7 feet high -
Do you know it. In descr. it comes nearest *A. pennsylvanica*
& *Sida* papers. I add a very small leaf.

It is not your *A. hirsuta* - which I suspect may
prove *A. confertiflora* *A. Pida* *A. hirsuta* - The genus wants
overhauling ~~from~~ full materials - *Sida*.

You say you noticed the radicle was inferior in *Sida*
malvaeflora etc. - My authority for supposing you did not. I
give below - from yours of July 31st -

The leading char. for genus *Sida* (I have been dead to take from a part
you worked out well in all you know - the double stamens in *Sida*)
Sida does not use the char. of radicle superior - in
Sida -

Barney's char. (which I have not trust in *Geranium* now) why is
not so good your *G. Frument* - I have given it as *G. pentagynum*
var. *Frument* is just your *G. Frument*.

I will put in the *Dalea* under your name - But it is too near
to *D. arca* - except in the root & depressed habit.

By all means make a memorial of Mrs Gen. & P. for
Honor & to get pay for the drawings as well as the
text. But I am sure that if you like -

If you give Bates to us we will give you a plate.

But as it is a complex structure, write out the text of your
article with full descr. & send on which you send your spec.
& sketches for Messrs. - it will be so much easier than to
make a proper drawing of the analysis you need.

Carry will be coming soon I trust & when frequently has
parcel for me. So put what you have bought in Grants
hands.

Laura is away with her father - who has a sad time.
She was ready to come up at once of Mr. T. Lane - I shall tell
her that her visit is postponed till Oct. - which is all the better, as
she will then be settled, I trust, and can do the house all the better.
I hope you will come too. - I shall certainly - & one of the girls.

- Wiler's book-keeper says that he finds a credit of
\$78.95 in July 1842 - which he concludes was to be the
"Surgical Instruments" - being paid, if was off my mind, & now
I can recall nothing of it, if it was not your mirror - however
that may be, you are clear from it. He notifies
me that he will draw on me for the amount of my bill -
account as now made up - on Monday next - which I
must meet, & hereafter keep only cash accounts & settle every
6 months.

I am now very hard pressed for money -

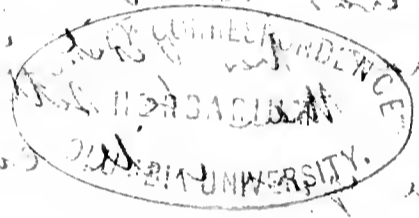
I have to pay Monday. Wiler - \$ 135.
Paper bill for Guinea oxide - 120.
and at the end of Sept. - Printer - 210.

while other bills will nearly absorb my quarterly salary. -
& I have to advance to Messrs. - to pay interest on a note of
\$400 I gave last winter, on George's account & my own. -
Also I owe Endicott in New York \$ 100 - which
should have been paid 6 months ago. - I had hoped for an
instalment from Expt. Expt. in November - but now I suppose I shall

have you till January. - Altogether I am a good deal
nervous - I had hoped to get along without troubling you
for more than the interest on ~~some~~ notes of \$700 which I hold.

But if it should happen that you have within your reach a
portion of the principal that you can spare, it would be a
great relief to me. My wife insists on building a house - a
place he will not stay there. - I become responsible for raising
the money for him besides all my other pecuniary liabilities.

Enough of this tell me frankly how you feel about it -
I believe you can help me. But if you can't, don't worry
yourself about it.
Yours affectionately



[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

TON 21 75
HERE

Cambridge. Sept. 6. 1878

My Dear Friend

Your of Sept. 4th reached me this morning - & I thank you heartily for the remittance, which came in capital time

Do not put yourself out in the least to send me any more until the 23^d October, when some bills become due. Perhaps I could keep them back until 1st November -

To keep the account simple, I endorse the sum you send \$100 on one of your notes as paid direct by you to me. When you want to pay Sprague for work done for Smithsonian you can replace it to him & thus settle your account with Henry.

Agassiz is now back, says I shall soon have a proof from Sarsel

Sprague will now finish the rest of the plates for Genera vol. 2. I in the mean while try his hand at engraving to see if he can do it well, if not employ Sarsel, & take up your dozen plates & do them right W. - They will be *Artemisia*, *Batis*, *Portulacaceae*, *Marattia* etc. - what else -

Mean while, write your text if you can, & let Sprague have it to aid him. If the plants do not accord he will be sure to find it out as he works. -

No doubt you are right about the 78.95 -
I have paid Miller's account & all is
square now.

The Fremont, Malv. no. 428. 1846. - I append
a brief character to, in a note, as "Malvastrum
Fremontii, Torr. in." which will save it

Schubertian's come: but I am sure they will
not grow, for there are no tubers - only the
base of the stalks - fine leav. fruits. &c. -

I shall be right glad of Annonia -

I want to draw Guaicum ajacitiforme, Engelm.

but my Tex. specimen, is only in young fruit. -
with flowers nor ripe seeds. Have you both

or either, from New Mexico - that I can use - one or
two of each would do - in a letter, perfectly.

Have you any flowers or fruit of Cassia Michx-
liana? or must I send to Hooker for them.

On my return from the P. O. this morning who
should I find here but friend Holtz - just from
Vermont. I have conversed with him this
afternoon in the garden - & filled his presses full!
He returns to New York at the end of the week.

Lane is with me, has been since Saturday - and
remains, except that she has to see about getting
her father's house ready in Boston - Bob's visit -
due to the family, - we hope Mr. J. & the girls will come yet.
I send much love. - Yours affectionately Agnes.

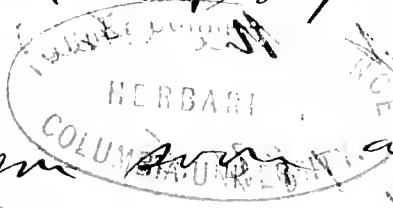




Professor John Torrey
Princeton

New Jersey

188. 1846. *Adiantum* ... 11th Sept. 1846



Dear Dr.

Letter came from you after I despatched

one this morning to you.

~~your~~ parcel came just now. - Thanks
that is it, ist. I have got

for *Anousmeia*.
some fragments of it in *Butter's* *Mexican coll.*
from *Sonora alta.* - I was wondering what family
it could be.

188. *Herb.* = *Spirea dumosa*, Nutt. which Hook.
has taken up as a species in *Fl. Geor.* & with good reason
I should think. - No doubt it is young of *Dr. color.* in

Ann. Lye. But is it really *Purshii* - who has
no *S. anaphia* - & says "*flis ovatis lobatis*" while those
are *obovatis cuneiformibus, indivisis.* I remember that

you have a leaf from *Pursh's* specimen - I would ask
you to compare & see if *this* may not be a more downy var.
of true *anaphia*. - like the spec. from *Calif. Douglas.*
which is *S. anaphia* - & not, the other. - add a fragment
of *P. L. Herb.* The panicle is small & contracted.

460. 1846. *Artem.* = *Purshia 3-dentata* Nutt. *Ann.*
Adiantum

No. 198. *Herb.* will you compare it with *P. effusa*,
Doug. It apparently don't well agree with any of the
forms of the stem is nearly naked; the ext. calyx segments
pretty large - *H.*

" 199. Ditto - Compare it with *P. Pennsylv. var. Musson.*
I suspect this is new. -
What is the *P. gymna*, Nutt. - which Hook. in *Meyer* takes
up as a species.

N 203. *Fard.* = *Pteritilla rivalis*, Nutt. ex Jussieu
Have you got the *Fard.* plant?

Fernunt. 239, 1846. = *Rubus cuneus*,
464. " *Anelanchis leand.* var. S.

" 000. 1846. *Ceanis idicphus*. What a great fruit

" 185, 1845. Is it *Crotaphus nivalis*?

{ " 370. 1846. *Prunacea* - apparently only one Nyte
It is something quite new to me -
I do not examine its structure, - Is it same as
" 158, 1845. - which in fruit only; looks like a *Cotoneaster*.
You had best examine these, and see if they
are not worthy of illustration -

506 1846. *Photunia arbutifolia*

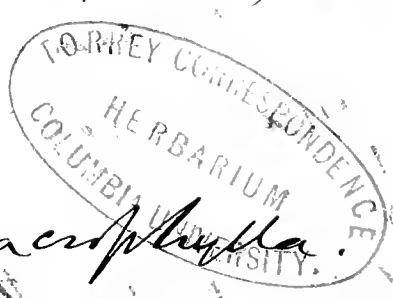
494 " *Gayae*, *occid.*

A

Before I begin my notes on the
Rubus is, let me ask you to lend
me the portions from your herbarium, which
comprise the subsection *Prosa*. I have run
through them, I think of putting them in order so
that we may know them. But I have no
authentic specimens to begin with.
Especially do I want to know whether *R. pennatifida*,
(or any of them) has the slender capsule 2 inches long,
of Fendler no. 223,

Compare I want the name you will give to
it. to name Spalding sets. — (A. lewis?)

I lay them aside to return to you —
With this last in Spalding's Coll. is one without
fruit — perhaps a var. of *A. Drummondii*, but less hairy
& shorter calyx-teeth, cuneate ovary. But calyx-
teeth too short & leaflets too retuse to agree with the
character of *A. racemosa*. Will you compare
with *A. racemosa* & let me know which it
should be.



From 153. 1846 = *Thermopsis macrophylla*.

Saturday — 15, Sept.

Dear Doctor

Thanks for yours, which came on
Thursday. You must have seen Holton soon after you
despatched it.

I send this at once. I think I can answer
nearly all your questions without going to the Library. — will
do so on Monday — can't well get in to-day.

Of Jacq. Pl. Amer. Pict. I know nothing.
Jacq. Strip. Amer. Hist. I have. You have seen it, and the
deser. & med. figure of Bates it contains. I can send it to you
if you want it: a folio vol.

Stoane & N. Bennett are both in College Library. I
will copy all you want from them — or send the vols. if
you care for them, to you.

Martius' *Consp. Mus.* you have — a pamphlet. —
there is no reason to think he knows aught of Bates from
study of it.

Meisner is in Library. I presume he gives no reason for placing it
where he does. His tabular system seldom admits of explanations.

I suppose I have not the ~~the~~ *Ficus* plant in question -
Martius under "Cobas? *Diplocarpe Swartzia*, Moq.
Ordo 70. Batiidae

Batis mantinea, Meerfuehl. Cit. *Banla Americana*.
That is absolutely all.

You are right about *Eupatorium* - to my great
mortification. I examined it critically I thought, &
was sure - 2 years ago. - But now it is plainly
as you say! -

I should like to see the *Amoraxia* - of which I know
nothing.

I found last evening, a bit of the *Guaiacum* in the *Myrsine*
plants you sent me, - look away the *Mimosa*!

Have you, from *Cata* or any one, a *Mimosa* tree
Mimosa, with 1-jugate (rarely 2-) *pinnae* & 4-5-jugate
little leaflets, - = *Howell*, no. 181. - From the *Cinacra* -
as far north as lat. 37° - new species.

I wonder that I do not get my set of Hartweg's
Coll. *botif.*

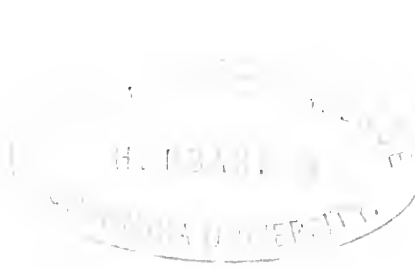
Euphorbia mentioned about *Sapthoria* *perilla*. I have
not the materials to know if he is right - which is very likely.

Love to all.

Yours affectionately

A. Gray

152 & 153, *Fend.* (single specimens only) both are *Prodracnati*, & I think the same. How do the paper. I send coupon with *A. nulliparum*, *Junc.*?



From coll. 740 & 308, 1845. *Mytropides*. I should like to have your names for these, according to your herbarium. Is it any *Alrag.* or *Phaca* you know? Have you 157? I suppose it is meant *Phaca* ~~deparis~~ ~~1845~~.

- KKK, 1846 = *Phaca Douglasii*, does it not?
- 106, 1845 = *P. asphylla*
- 473, 1846 = *Lupinus Maurandii*, *Lupinus*?
- 242, " = *L. gracilis*
- 262, 1846 = *L. ornatus*
- blue duplicate of 2^o spec. 112, 1844 = *L. albi-flores*, I think.
- 1848 = *L. varicolor*
- " 1845" [not 1846?] = *L. affinis*

I have in the *Explan.* a *Phaca* specimen which I think is *L. decumbens*. Two of you are sending; add the specimens of your Herb. if you please, that I may see!

The 4 remaining *Lupines* of *Strumant* I can't name with any confidence now. The specimens are so poor - but 225 & 308 } 1845, are same and new to my herb. 413 " } *Ardu* to *L. laxiflorus*.

through the paper. I have a letter - 5 etc. (a) 1845. I have a letter to the paper. I have a letter to the paper.

Sept. 15.

I have determined Fendl. no. 149 to be
A. Missouriensis, Nutt. (~~*Melanocarpus*~~, Hook.!)

But now I want to know about 148.

It might be *A. Shortianus* - but the flowers are
deep blue. - I should like much to see a spec. of
Nuttall's *A. asphyllus*, to make all sure.

Now for your 3^d Expl. Exped. Specimens.

Art. 1014. = *A. lentiginosus*, Dougl. of which, for-
tunately I have a Hookerian specimen only. Hooker
knows not the flowers, which now you can supply.

Art. 543. is a new species, I don't know. It is not
in my herb, nor can I make it agree with any description.
It is also abundant in Spalding's coll. & is
what I suppose Carey has reported to you as "*Axyrtropis*
deflexa B. Sericea?"

It is well distinguished by its petaceous calyx -
teeth, nearly as long as the corolla nearly & the woolly, lentic
like 2-celled sepals. - I suspect. Although the raceme elongates
543 (a) is not diff. I suspect. I think the Spalding
in part & the sepals is deflexed. I think the Spalding
specimens tho, not in part will unite them. But you will

Fendl. no. 227. may be your *R. canescens* in 2^d Form.
but the pod is broadly ovate (not obovate). Certainly it is
an ally. Will you send me the specimen of
Frument, or a fragment of it?

Wednesday -

Dear Doctor,

I delay taking up those few *Abopali* till
I get a reply to some farther queries with which I
troubled you. I think I asked you to send *A. glaucos*,
that I may make sure of it.

I like your plan for the lettering of Frument.
I think that the slightly shaded drawings
give a better effect than the elaborately shaded
ones would - are more classical. - We will put
on more work when we have materials for it
2 plates of *Batis*?

Mr. Poiry is better - comes up to town to-
morrow. - Lane like all woman kind - has made
herself almost sick in getting his house ready.

She sends her love, and offers to copy out
any thing you want from Brown Lane.
Please to about *Batis*. -

In haste

Yours ever

Algray

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TORREY 48.
HERBARIUM

Lambert St.

Saturday morning,
23^d Sept. 1868.

My dear friend

Your favor of the 18th came this morning. I will note your memoranda duly. - You will see by my last (crossing yours) that Lane has anticipated your proposition to copy - ^{Mr Bates} will do it next week. - is in Boston to-day - her father moving up. - was made herself sick once. - but is really much better now. -

I have made less headway than I expected this week - owing to bad interruptions - Townsend & West Chester Horticult. show & festival. - and a visit from Dr. Frothingham's daughters, who came up from Quincy, where they have an uncle, - & have stayed 2 or 3 days; they return this afternoon. I send in this to mail in Boston by Joseph - to add a few other news. for your parcel for me - since you are to send I may as well have all I need.

Well, after botany 2 days over Bacterias (Mentzelias; of which I have B. mata & munda (I think) in Florida & one or two that bother me from St. Fe & Texas.) I must ask you to send me your materials in that genus - with mem. of any new conclusions you have

reached in Ex. Exped. Coll.

I think Hooker (in Gray's coll.) is wrong in
uniting his B. cariculis with B. ornata.
But I am more troubled with the distinction
between ornata & nuda. I have 2 forms
a spec. sends B. ornata - one I cultivated from
N. Texas last year.

This year I have another small-flowered one,
With your material I think I can get at
them better.

Thanks for your remembrance of Makra Lecontei
Breckl - which I had forgotten all about.
Right place, the Calif. fl. is Schweinitzia,
to see the embryo. It probably is entire,
It must be drawn of ~~course~~ - course,

We will look after Frumentaria -
I think the almost outline drawings look
best - clean & nicer than much shaded.
But we will finish up more detailed if you
like. Re-engage the Chrysohalum new
genus. - Adieu for the present

In haste & true
Love to all

Gray



Cambridge, Friday, 29th Sept 1844.

My Dear Doctor

Your parcel came yesterday morning (sent by Hastings thro. Messrs. ...) and at the same hour came Carey - I opened the parcel last evening - & have laid away for examination - I find that the Martretias did not come - I expect it next time.

To-day Olney has been here all day. He & Carey making specimens all day. You may imagine how much work I have made out to do. - In the course of the afternoon, while they were in the middle. - Dr Pickering came in - said Drayton was to be here to-morrow (another day!) - Pickering brought your vial of Batis and your letter of the 25th. - I am tired; & all talking around me. - So I will only say a word now. - which is - to answer your Mem. in slip about Mart. busk.

Look back to my first letter after your queries addressed me on this point. - and you will find that I copied (only one fine) all Martines, Comp. has on the subject, - and appended, "This is all!" - So don't blow me up for negligence of your queries. -

I will throw in a character of your Kallstromia
grandiflora, if you will send the specimen for
without it, I cannot be sure that yours is the
same as Boulter's. —
I saw only one cell in the way of the Bomb.

Monday noon — [Oct. 2, 1898]

I got your last letter this morning —
will "note the contents" presently! (But first
a little matter — Handl.)

No 274, & 275, belong to a new genus of Musbellif
in Tribe Elaeodinae! If you have them
there will be no fruit; it is only on my specimens.
But please compare them with your species
of Gymnopterus. — & let me have fruit, in a
letter, of G. glomeratus and montanus, and what
else you have to spare.

But now on looking behind the flora
to be handled, I find that the original
Gymnopterus has monocious flowers, and that
the wings are from secondary jugae. Why
in the world did you suppose this; and
give me two-days work for nothing, and
bargain two? I feel scoldy.

As it is I must ask you first to put in
the Spalding species, if convenient, if not, never mind,
and then send me your genus-cover of Gymnopterus
by Express! —

If DeCandolle is right in his character of the
genus, then it belongs to *Thoppia*, & *Pteroxia* subt.
is a perfectly distinct genus. - If you are right,
then the genus may hold together as in the flora -
but I have a new one of two species. - But
I cannot but think that you have not hit the
right interpretation of the fruit of *Cypripedium* Sl.

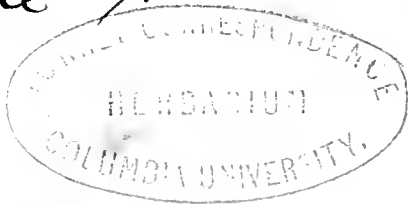
3.



At the same time can you tell me
anything of *Handl.* no. 276. which has no
fruit. -

P.S. And Casey adds, please send
all your Amer. *Puccinellium*'s too!

I think we have made out what the plant
is pretty well; but it would be well
to compare notes & settle some Calif. specimens
I have. -



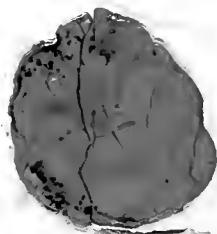
"*bulantia*", Gray. Monterey & Sattillo is
Coriandrum sativum.

as
three

7



Dr. John Torrey
Princeton
New Jersey



HERBARIUM
COLUMBIA UNIVERSITY.

Monday, May 9th Oct.

136

Dear Doctor.

Carey says that if you are ready on anything, he will be obliged to you to add the spec. of Carex Drummondiana, which will be found in Phyllonoe - He wants to compare it with C. Britiana, which I have. - I copied all that P. Brown has to say in my lecture - room the other day. Sloane has nothing you need. -

Yours

Algar

Carey sends his love - He finds enough to do here -

Mr. Lowell has purchased the cryptog. herb. of the late Dr. Taylor. I had sent (too late) an advert to buy them for Sullivan.

Hooker writes that he has sent to Mr. Bell of South
Journals for us. Will you have them sought.

He says "I heard from Bigelow ~~that~~ of our friend Torrey
having another appointment in view". What does it mean?

Elisabeth Hooker is badly sick.

I shall send a parcel to N. Y. very soon -
Love send her love to all -
Thine A. G.

Saturday Oct. 28 1848

Dear Doctor

I have overhauled *Cynopterus* & think you are quite right in referring the wings to primary pycn. though the appearances seemed odd to me. I find *C. montanus* (which is Aud. 275) with 5-winged *mercaps* in your spec. while in Aud. they were 4 & 3. They are all one genus. *Leptocoma* is nothing for *C. montanus* ~~has~~ ^{has} ~~free~~ ^{2-parted} ~~complicates~~ very fine. (I dare say they all have) & the wings being sometimes 5 in *montanus* breaks down all char. of *Pteropca*. Mitt. But as to the incised albumen, just look at the perfectly ripe fruit you will find on a good specimen of *Stardlers* & *Expis* which I found among under *mind* *Percedera*. I have put in your *Cynopterus* *curv* - & you will find the albumen perfectly semi-lunar. The tendency runs through the genus, I think.

Tuesday Morning Oct. 31 1848

My Dear Friend

Casey goes this morning, and we are packing him up. We have had a nice time. He has worked at little, though, except *banes* but has overhauled bundles - tickets *plants* & taken specimens. I send by him the contents of your present - *hol*, except, except the little *port* *phia* of *Myriacis* incerta, in a new parcel. There is also a set of *Garden* *plants* made this year for you - but I have not yet found time to ticket them, and must also

have my banks of "Hark Cantab. 184" -
replenished first.

I am now going at Cambridge

Your favor of the 26th reached me Saturday
evening. There is in my mind such an incongruity
in a youngster like Gosford recommending a man
like you ^{who was} ~~was~~ a well known chemist before
he was ~~recommender~~, that really I have thought it
best not to ask him, or speak of your being a
candidate, unless the subject came up. I can't
believe that his influence could be of any real
use to you - and do not like him to have
the opportunity, that being interested in the success
of the pupil (Gibbs) he is not at liberty to urge
the claims of the master.

I am so sorry that you did not apply
earlier, - when the mere indication of your willingness
to take the place would have given it to you. The
force of your claim is shown in the Committee
being willing to waive their selection already made
and go into it again - which is a great deal -
but places you at disadvantage - for many
of the Committee may feel themselves too far
pledged to Gibbs for honorable change. And will
not Gibbs feel that he is used very hardly?

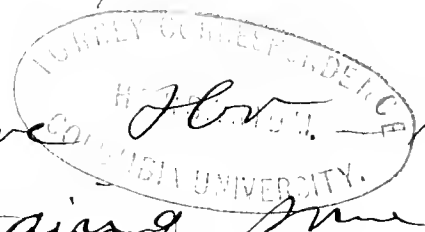
I hope, at any rate, he will understand that
you know not of his being selected when you
became a candidate.

But I truly trust I hope you will get

the place, nor that you are in for it. It will work well along with the med. bill.

Pray let me know about it, and if I can do any thing to further the result

I hope you will approve my judgment in not applying direct to Hospital for a recommendation.

The parcel at Minerva  must be one from Benthams, containing some of the plants you plants returned, perhaps of some Mallician Gramineae newly distributed. * As Carey is full, I will have sent in first parcel to Wiley - to save freight out to Cambridge

back - or perhaps if small, retain till I send. Your letter, perhaps you are aware did not contain the envelope spoken of viz "Bill for office stamps." - I will pay for the parcel I send it on. -

Lane, I am sorry to say still keeps her chamber pretty much; and is likely to get well now, but I hope perfectly. She was obliged to write Eliza to delay her visit for 3 weeks - as she cannot bear that Eliza should find her an invalid. - In haste

Yours truly, A. Gray

* I think so because I got a parcel of these matters from Benthams through Minerva Ho. by the same steamer,

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]

*

Oct. 24 1888

135

Post office, Monday Morning

My Dear Doctor

I find yours of the 5th Oct. at the P.O. and send mine to you, to introduce a word of thanks -

The *Mentzelias* have ^{not} come yet, - will soon be here, no doubt. -



As to the *Saxifraga* - write Bentham, among other things what coll. it is in, and what you have called it, - I will make a mention of it, in a note, under *Saxifraga bronchialis*, in *Fendler* - a proof of which I will have in ~~Fendler's~~ Bentham's hand be the prints. - The he write published, - B. is always a gentleman about such things. -

But why not figure the *Rosaceus* genus, tho. Bentham has partly anticipated, & got the name? -

I don't much like the name *Saxifraga simpliciflora* for that sp. -

I have coded off from my vacation after the two days work at *Cyrtopentis* - & cry you pardon for all my scolding. But I still believe that the *Fendler* 275. has the secondaries only developed; and think I could show that your own drawing in the letter to me proves it. You may find the rudiments of the 2 lateral primaries on the commissure. That mass that jukes round the corner of the abutment (they are always lop-sided) is one of the 2 lateral secondaries. Those on the back are the 2 dorsal secondaries, & the dorsal primary is between them. - I will go over it all again. In some specimens, the *Acid* is indented but then the other is abutment or smaller. -

The first part of the paper is devoted to a general
discussion of the subject. It is shown that the
theory of the subject is not yet complete and
that there are many points which require further
investigation. The author then proceeds to a
detailed examination of the various aspects of the
subject, and shows how they are interrelated.
The results of the investigation are then
summarized, and it is concluded that the
theory of the subject is still in its infancy,
and that there is much to be done in the
future. The author hopes that his paper will
stimulate further research in this field.

If not Eleonora (which Bossier has fig'd well -
like your sketch) it is Thapsia, according to my
note - & see Candolle. - I will examine most fully
You know so much more of these things than me
that I feel no confidence against your views.
But, having arrived independently at that conclusion
& then finding it so put by Beadell, I felt
more sure than before. -

I saw Gray but for a moment. Feltan, who
had seen more, spoke very highly of him. I rejoice
that he is such a man as you say. -

I have not seen any "singular Asplen-like
plant with dwarf stem & large woolly leaves from Oregon,
Expl. Exped." When did you send it to me? -

I will look over your pigeon hole to see. - For, I
have not yet taken up several things you sent me.
Thine truly

Gray



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Dear Doctor

Engelmann has sent me a long note about *Gerania* - & as I now have an authentic specimen of *G. pentagynum* (Pl. Nishizensis) I now understand his species in regard to which he had misled me by calling in *Fendler's* Cat. no. 90, *G. pentagynum*. - This plant is much nearer *G. incisum*, Walt. - is very distinct from your *G. Fremontii* - To make all sure, I want you to compare no. 89 *Fendl.* with your *G. Fremontii* (or send me a piece of it) I remember yours but have it not. - His is not peduncles much longer (3-4 times) than the pedicels, I presume your plant is same as no. 89. - But, do you know, I think it must be *G. caespitosum*, James. - flora - size & color of the flower agree with. And I want to restore that name, if you will allow. Else it must ever remain appended as a Species dubia. -

If your *G. Fremontii* is a species with a more glabrous pubescence on upper part of stem & calyx, with leaves truncate at the base, and with pedicels twice the length of the peduncle, then it is the same as no. 90 Pl. *Fendl.* (single specimen). Please let me know.

Dear Doctor

86

Monday Oct. 18th 1844

Please look at the specimens in your
Herb. of Heuchera Richardsonii. & see if the
Plant of Mead Winnii really agrees with it. See
how the names are ~~whether~~ ^{whether} ~~as in Mead~~ ^{as in Mead}.
Compare also the specimens I gave you of Heuchera hispida,
from the Cambridge Garden, ~~and~~ with Mead's & see
if they are not exactly the same.
H. Richardsonii must be a much smaller plant
& smaller: otherwise, it seems to come too close -
Mead is surely H. hispida, Pursh.

No. 27. Martyn. Edward Kater = Ranuncula Hartwegii. -
The others of this set I have labelled as the specimens
sent.

Tuesday
Now I have done up all the Ranunculas,
~~inches~~ & named those you sent. - I will return
them by Carey next week.

I write before about 227. Fendleri - which I
fear you have not got, as it was in a few sets only.
It agrees with your R. Canadensis, except that
the pod is broadly ovate not obovate. But as it may
be another species of that section, I want some com-
parison. I send you a branchlet, and send you
my fruit. The petals ($\frac{2}{3}$ inch long) are mostly
finely spotted with purple or pink, and I have as little
doubt that it is R. guttulata, Gray, except that
Hooker says petals broadly obcordate, while these are
obovate (rather than ovate) and entire.

Please send me word, if it is same as your plant,
if not, please enable me to make the diagnosis.

Pavonia Lecontei. Then please ask Le Conte to send a
a flower or so, as soon as possible; for we are waiting.
I return you the spec. of fruit of "*Mabreusius Flor.*"
you sent. ^{seed of *Mabreusius*} It belongs to a *Hibiscus*!

Will you look in your herbarium for a
ripe seed of *Gordonia Laniarthus*. Those sent
me from Wilmington had a minute embryo,
probably stunted. I want to send off the drawing
to the Emperor.

Well, after looking at all the materials &
the evidence, I am more than ever convinced that
Mentzelia leucocaulis is distinct from *M. ornata*.
From 82, 1845 is *M. nuda*. The base of the ray
is foliose bracteate, however, in almost all the forms.
" 416 - *M. pumila*.

Friday morning.

Dear Doctor -

This sheet has been long a filling.
Mrs. Gray's illness & other interruptions the cause
- for I have tired of your unanswer'd - the last 21st.

I am to-day trying to revise my *Pencedanus*, by
the aid of your specimens - I to finish so as to send back
to you by Carey, who threatens to go on Monday.
We have not looked at them till now, and propose to
do no more than is necessary to me.

The *Hypocnemis* of Agnes you said before Pickens called
H. trispinosa. - now you say *H. angustipennis*. Either way

I would not hesitate to take my own name, if I saw your
Camp Drummondian came to Carey - He will bring back
to you.

- I hope you will get the Chem. specimens in MS,
I have marked on the spec. of Lt. Durand's. That
I presume you are right. - But I have no spec.
of *Fragaria Indica* to compare with.

Please ask Le Conte to send right away a flower
or so of *Parnia Lecontei*.

I don't much like to have you put Halstead's
name to a *Hemichna* - which they have gathered before
though they have enclosed it. - Mr. M.

H. Purshii, I supposed, was the soft & thin round-
headed form of *H. villosa*, which Buckley got,
& I have seen ~~nothing~~.

So much for the notes botanical - Now by Carey
- Endicott writes for the \$100 I have long owed him,
wants it returned the 5th of the 10th - Mr. - I paid him
a draft on you payable on the 9th - which please accept
if convenient.

Laura - who was taken quite sick the very afternoon
she wrote last, - is I hope getting well, but I am not
desirous she should get well fast, but slowly. She is
still nearly confined to her dressing room. She is
well as I, is pleased with Eliza's promise to make us a
visit - we hope a real long one, - but will ask her
to wait yet a week or two. - I am sorry she should not
be here in time to enjoy this fine weather. - But I think
she won't mind a Boston Nov. & Dec. -

Love to all -

Yours ever

Al Gray



Cambridge, 16th Nov. 1848.

My Dear Friend

I forget whether you are me a letter or I you. I have had a cover addressed to you for a good while. I have begun printing Pl. Fendl. - no proofs yet - and have revised now my Malva for the last time - spending the whole day in examinations & copying. Among the rest, I conclude we must restore Callisthese as a genus.

The specimen of Geranium Fremontii you was to send ^{to} by Tuckerman for me has not come yet. If not sent, see whether it has the long peduncle or no. - Tho' it will no doubt reach me before the printer gets to it. I propose to print to ~~finish~~ the end of Compositae (which I am now hard at work at) & then leave for a part 2nd. I trust to make it a creditable memoir - but as I have spared no pains with it.

If you have a seed of Grindelia Laniarthus that contains an embryo, (as I wrote) it will be useful indeed to me. - Those sent me from Wilmington have none; nor have the seeds of G. pubescens that grow in Philadelphia.

(If you have paid my draft on

(You in favor of Lindicott, let me know &
I will endorse it in note - at the given date.)

Sporagis wife is failing fast, with consumption.
So he can do little yet, - and has not got
through with the drawings I require for 2 vols.
of Genera - So your things must wait a little.

It is very unfortunate for me that he insisted
upon building his house - as I am sure to
pay for it (all but 600, which Mr. Lowell is to
advance on a mortgage) on Christmas Day - which
I meant to have done from the immediate ^{net} proceeds
of Genera vol. 2. - but which now, however,
cannot be out, by a great sight. I have
to raise \$600 therefore, in a month, or little more -
of which I know not yet where over \$200 is to come.

Mr. & Mrs. Father's & the Doctor's earnest desire
I have went into Boston on Saturday last, in a
close carriage - for the ride well. - has improved
until yesterday, when she had a bad day -
means to come back next week. - Hope Eliza
will be here before Christmas - Cannot one of the girls
come to them.

I have to-day a letter from Schumann -
says he is working at a Revisio critica

Potentillanum: and greatly wants specimens
or the loan of the originals - of certain species
he enumerates. I copy such of the list as I cannot
furnish - the others - & all new material I will
send him in a box now soon to be despatched to
Hamburg - those I cannot furnish are

If you do not care to risk these to Hamburg,
I will have drawings & analyses made of such
as I cannot furnish myself & send them.

I have a sheet filling with notes names of compounds
of Arsenic & Barytes etc - but will not send it until
I have done - done.

Have you a specimen of Florida Mahogany?
Shall I figure it, in Genera?
I remain very faithfully Yours
Any farther news of the chair of Chemistry in the
Academy? Albany

~~... for me that we insisted~~
upon building his house-- as I am sure to
pay for it (all but 600, which Mr. Lowell is to
advance on a mortgage) on Christmas Day, which
I meant to have done from the immediate ^{net} proceeds
of Geneva vol. 2. - but which now, however,
cannot be out, by a great sight. I have
to raise \$600 therefore, in a month, or little more -
yet where over \$200 is to come.



Cambridge, Monday Evening 1842

My Dear Doctor

I got a large parcel Saturday Evening containing a parcel for Trechman (which he shall have to-morrow. (too stormy, to send to-day). - the Journals from Hooker. (Did you pay any charges, or let me know, that I may collect of Greene. &c.) - and the parcel of Malvaceae, etc. - Gramineae, etc. -

I will send notes as I look at them, to-morrow - or when my MSS. come in: for all my notes on Malv. have gone to the printer, I wish you had sent them along with the rest, before. - However those of Emory are mostly Sphaeralcea, a genus which it did not fall in my way to revise. - I had merely mentioned 2 or 3 n. sp. of your ^{Amur} fruit Emory, etc. - But what you now send, as I glanced over, made me doubt of your S. Emoryi. - These crescent ones run together, I fear. -

Sprague has the original spec. of *Psoralea tenuifolia*, I will bring it in to me to-morrow. I must then overhaul Engelm's notes once more - as to Dr. Species he distinguishes them sent to press.

Barney writes that he left some day last week a letter "to me, with the bag, sent in your parcel. - I could find nothing of said letter. - Is it not left at the Med. Coll.?"

To-day I have a letter from Bentham; which I enclose to you - as he seems, at date (Oct. 27.) to have as yet received no letter from you inquiring some of the Hartweg plants which I indicated to you as in the Hartweg Coll. - the Saxifrage & the *Hypnicum*, etc. - Did you write him, and when?

Please send back to me his letter in your next, as I want to look at one or two plants he refers to, and write him,

if need be, about them. —

Lane is getting decidedly better; and will return here on Wednesday, if the weather is good.

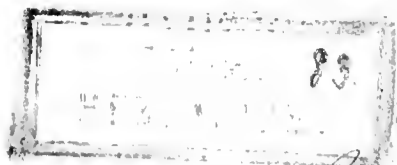
You see Butter, note as the Physala as new.
The Limnæus it seems, were named by Hartweg himself —

Yours ever —

A. Gray

Nov. 23, 1848

Dear Doctor



As to your Geranium Anemoides,

I have recovered the specimen in Sprague's hand - all safe & with the specimens of ^{last sheet} ~~many~~ are before me. It is not Engelman's G. pentagonum (which is near G. incisum, Nutt) - nor the Geranium for which Engelman & I took for it (& I consider as G. cuspidatum, Jones, as it is the smallest & deepest-colored species) - but it is what in the notes of M. Fendler stands as G. Fendleri, Engelm. - So that turns out very well - & you can have a G. Anemoides - Engelman a G. pentagonum, & I (what I insist on) a G. cuspidatum, Jones.

As to your new Kallstromia, if you do not at once send me a character to publish, or a fragment of your specimen, by which I can be sure it is the same as the better plant (which Hance reports as Kallstromia, n. sp.) I shall not be able to secure it.

What singular or Asquith's Panicum? - with thick glaze & many leaflets (E. Expl.) is sent in your last parcel in a cover with plants "For Sprague." Do you mean it is for me to keep? - Do you not wish it returned?

Pavonia Lecontei - all a-waiting for Leconte's specimen - which I want badly -
Jane came home yesterday (Wednesday) - much better -
& Mamma - nearly well - will write & solicit Eliza's visit soon -
Yours in haste. Sprague

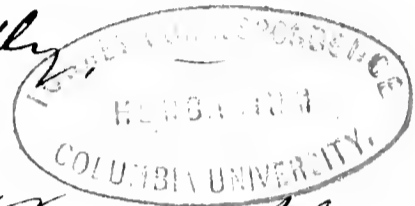
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Now as to Rhus lancealis,

The N. H. plant, agrees with your character
as to "calyx much shorter than petals" - It has
smaller leaves - But one of my specimens from N.
New York (of which I inclose flowers) has a calyx
nearly equally short. - Is not the difference
in this and the authors one of subdiousness?
And therefore, are you sufficiently sure of your
original species? All my specimens have the
thyrsus pedunculate - about equally.

Yours ver.

Gray



[Faint, illegible handwritten text, possibly bleed-through from the reverse side of the page.]

Dear J. V.

In Emory's Report - Did you
publish the 2^d species of Hymenostretus?

What was the name I gave you to substitute
for that - to make it more appropriate for the
2^d species? Did you publish a generic char?

Will you lend me your copy of Emory's Report
for a little while? I find this 2^d species
is in Gigg's collection. I should like to
make sure that the genus is published & secured.

Cambridge 27. Nov. 1848. (Monday Even)

My Dear Friend

I got this morning your favor of the 24th.
Enclosed \$1. - all there. - also draft on Bank of
New York for interest. - All right. - Cashed by a broker
for 25 cts. - I enclose you, accordingly the matter
note I hold, which is now all paid. -

I regret to hear that the Med. College does so
poorly this season. But think your way looks clear
for the Chem. Professorship in the Academy, which
will take out your income nicely. - Vastly better than
going to Princeton, with the expense of travelling back & forth

for self & family. And your account of the state of the
Candidature looks pleasant and satisfactory. —

Why not retain the McDougal St. house, & reside
there, as you return to N.Y. (Can you do better?)

But I write to beg you, on every account, not to
feel distressed, and resort to no expedient that will
cause any sacrifice to pay off the other note I
hold this winter. I think you have already done
enough. I think I can continue to get a discount

through some friend in State St. for 3 months — the interest
of which must be charged to Sprague. In that time
if we can bring out the new vol. its ^{first} sales will soon
meet it, & pay Protote. The printer I will pay at 6 months.
(tho' I save 5 per cent on his bill by paying cash down)

by which period you may be able to help me. —

Only, if you can by Christmas day (or two days
before) have in ~~my~~ Sprague's hand the \$100 advanced by
Henry (of which you will tell them how had the advantage)
it will be a great convenience. I have to advance to
Sprague, now, from month to month, all that he
needs to live on — which is pretty hard.

Wright is up from Texas (with his mother at Pitts-
field, Connecticut) — soon to be here as curator to me —
taking Squier's place — who has been with me a
little — but now, as a consequence of his visit to Columbia,
goes to aid Sullivan, with a provision that makes the treaty nothing

follow perfectly happy. They will do up Manuscripts,
at a great rate. L. says that the collection
or library of Antiquary in Manuscripts are magnifique,
superbe. - the best he ever saw. -

I have sent to Wilmington anc. for seed of Andromeda

Young Coake - who has gone to Europe to recruit his
health, took your two parcels to Bertham.

Said the Potentilla, and I think I can get sketches - ^{made}
that will satisfy Dr Lehmann.

London Quarterly Review came, with the parcel.

I write Dr Goold to supply what you need
of Proceedings. Bot., Hist., Geog. -

I mail you the 1st part of New W. - wh. I
do not care to keep. -

Spurge - I may say, will willingly make
Drawings for S. Ex. with as many details only as a
Illustration for \$10, each. But when there are
materials we shall want often to put on much more.
That as you please. -

Lane was getting on finely; but ever did herself
last week - & then, being weak & unstrong, has suffered
much in health from the sudden death of a cousin. - a sweet

girl, who has been a cripple & great sufferer for life. -
So for the last two days she has suffered greatly. - But
I think it is only a transient interruption to her recovery.
Could not Eliza come on from New York with her?

It is late & I must be off to bed -

Yours affectionately

Alphey



134

July 7 1848
1848

Dear Doctor

Like a stupid man, I have some how
mislaid the character you sent me of the new
Rhuss of Oregon. I now that I want it to see
if the Fendler is the same. I cannot find it
Pray ask one of the girls to copy it out anew, and
I shall most heartily be thankful.

HERBARIUM
COLUMBIAN UNIVERSITY

Herchera. from Ryfa, Halstead. At Malpas
now in any of the late Mex. collections in Lincoln.
It is probably what S.C. Prudr. ~~means~~ means in his
locality "Ira Hispanica". If you will give a name
& Char. I will put in a note under the ~~Herchera~~
Herchera ^{pauifera} I have from N. Fe. - [what is H. Regelii Shuttlew. in Lin.]

Malva Le Coqueri. Brach. = Paronia Le Coqueri F. & A. M.
(nearly allied) to P. hastata. var. & going still more to
weaken the genus Urena. I retain the specimens
as I mean to figure for Urena.

Your Sphaeralcea incana. Add its name in Mistizensis ed.
The set of parcel of Malvaceae of Mexico. I have made
notes on & returned. I mention your two new
Sphaeralcea's to fix them in Pl. Fend. - but hardly dare
write characters for them.

Thursday Morning. - I got your package, containing
the things I wanted last evening.

Yesterday I was assorting your set of plants from near
Monterrey, Mex. coll. by Edward Eaton. I have already
any notes to Mr. which would not be perfectly Arizon to you. Time
fails for studying them. No. 11 is a Mesempraceae. Same in Guss.

2. *Veronica* *Fedoriana* ?
 52. = *Melia incisa* (Texas) or near it.
 25. = *Galphimia*.
 1. = *Menatis Drummondii*
 10. = *Planaria trachyspuma* - with flowers almost as large as in
 the plant 693. Coult. Mex. which is clearly *P. uniglandulosa*,
 being as large as in *baranillo* figure - (See Gar. *Illustr.*)
 15. *Eysenhardtia amplexicaulis* (I add spec. Coult.)
 16. *Dalea citrodora* Willd. - I send you a piece of another
 plant, which I think is same.
 18 & 19. *Dalea*. I have sometimes else seen, not in Coult.
 81. *Balliandra*
 23. *Demarellus*
 12. *Hoffmannseggia stricta* Benth. n. sp. in the Coult. Coll.

Spec. from Bolson de Mapamun is a Polycarpus-
 looking plant which is *Drymaria polycarpoides* n. sp.
 From Spec. is another *Veronica* - perhaps n. sp. But I
 dare not attempt to describe it, nor shall it be, for such
specimens

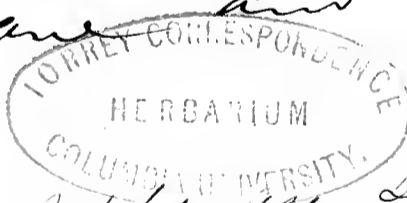
Munday May

Dear Doctor.

I despatch this, as it is, for the purpose of asking you to make enquiries now in New York (when, from your letters, I suppose you are, or will be some day or two) whether it is still time to use any influence you may have in behalf of an old correspondent of yours, Mr. Brace, who greatly needs, and is admirably well qualified for the place he has become a candidate for in the New York Free Academy, in Rhetoric, Composition, &c. — is the place his friends have applied for.

An enquiry of Mr. Keller you will learn how the case stands; and perhaps, a word from you would be of real service, and it will much oblige
Yours attached friend
Lans and A. G.

Your Pseudea, which some papers, are so broken & fragile that I mean to cut some of my paper to your size, & very carefully glue them down to save them from farther injury —



[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]

Black

Cambridge. Jan 11, 1848 -

Dear Doctor

RECEIVED
JAN 11 1848

I have been waiting for a moment's leisure to make a note or two on your apprs. to Emory's Report. - I make a note or two this morning.

"*Stematis Virginiana*: Raton Mt." = *C. ligusticifolia*.

I remember it in your ~~note~~ ^{letter} -
"Malva pedata" Are you sure that this is the plant from the upper part of the Arkansas.

"Malva pedata" - *Callisphaera* (Lindl. & Lams), *Macrostigma* -
very diff from *M. pedata* - which, when I last saw, was not in your letter - I have it now from Texas - I am cult.

"*Mentzelia pumila*" = *Bartonia multiflora* Nutt. in Pl. Gamb. - but too close to *M. pumila*, I suspect.

"*Cercaria sinuata*:" cannot well be said to be admirably illustrated by Fernal, - when he figured it with a small embryo in copious albumen, and got all wrong about its appendages, till set right by the *Alora*

"*Frankia hookeriana*" should have the *Antrodia acanthocarpa* under it as a synonym.

"*Dicoris*:" Why did you not give a character?

"*Mythia wata*:" Please compare with the pl. of *Frankia* which I have reported as *M. helenioides* I suspect they are the same.

"*Melfia*?" (*Melfia*) I suppose is *Helianthus*, Nutt. Pl. Gamb. Its admixt & *Polydymia* - from the desert, should be distinguished. But specially do I want to speak of

Your note under Riddellia -

Nuttall described from a spec. you gave him of James - but gave no indication of how he came by it, - leaving it to be inferred that he found it himself. - Your specimen - which went to Brown - being mislaid - it was taken up in the Flora on Nuttall's char. only - as stated - (for the little payment he gave me at Philada was insufficient)

Afterward - finding it in your herb. - & getting a clear insight into the whole matter, I prepared a proper character for the appx. to Compositae in Flora - which was not quite reached in part 3. - & so has remained unprinted. In that part I gave guardedly but plainly the history of it - saying that it was founded on a plant collected by James only. That part, I read to you here - once -

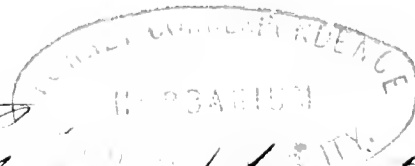
In Pl. Fend. I read the pl. (& a new sp. from Miss H.) so I gave the revised character there - putting it in Latin. - & copied out my statement about James having alone seen it till last year. -

But before my part is printed, I get your Report in which you say it was "first detected by Mr. Nuttall towards the source of the Platte" - thus contradicting my reclamation in advance - for the best possible authority!

Is it too late to drop that sentence in the 2^d Ed. now printing?

What is your reason for plants.

Tell us a bit the new glue - how it does - Will you send the Platella for Schumann.

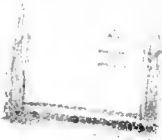


At the Doctor's dictation Jan. 24/7

The Doctor says - he has received the draught for 85 for Sprague and he has the money. That Sprague is doing well is abundantly provided for and you need not trouble yourself about the other 15 indeed need not send it until asked for

That he is dreadfully mortified at the result of the Free Trade election and the electioneering of these petty politicians though to be sure since the salary was only 800 it is not so bad. However he thinks those people were real mean ~~to~~ do so. Agassiz was enquiring about it and he feels mortified that they should have acted in such a way.

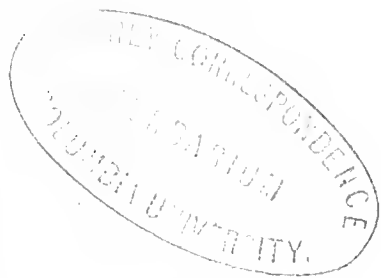
That he sends for a copy of the paper



Plantae Fendlerianae in sheets and also
that he wants Emory's Report badly
that he is anxiously waiting to receive
it or hear what it says about
Hymenoclea

As to Eliza she is enjoying herself
so well ~~apparently~~ that she will
probably stay until the first of February

With love for Lane
Believe me yours sincerely
A Gray



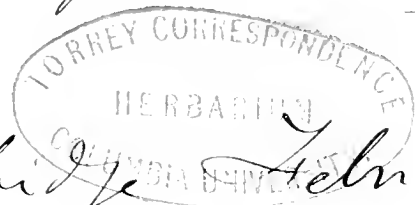
JOHN J. G. SPRENGER
HERBARIUM
COLUMBIA UNIVERSITY

Dr. Torrey

88.

No. 31 Pl. Geop. I called
Actinella acutis var *mutata* etc.
But I now think it must be *A.*
Torreyana - (see your herbar.)

Cambridge Feb. 1, 1849.



Dear Friend

You remember there was
a small collection of Geop's plants
notified by Short as having been
sent on to me - thro' the book seller
in 1847, - long before the one which
came to you - and which had
never come to hand.

This evening it came, with a
note on it, from "A. Gray, Brooklyn"
(Professor ~~Alonso~~?) N. Y. saying it was left at his
house by some person unknown.
I wonder if he has kept it for two
years - although addressed to "Professor
A. Gray, Cambridge, Massachusetts"!

On looking it over I see nothing
that we have not before. - but
some specimens perhaps are better. -
If I notice anything you need I
will divide - It is a small
parcel. -

You will have seen Emory
by this time. He offers to take
Wright as one of the assistant
computers of his own staff - but
in effect as Nat. hist. collector.
He and Dr. Walstead would then
play well into each others hands -
and each other - and collect all
the plants that grow.

May Emory would like to have
this undertaking turned to fine scientific
account. -

I have for some time been done
with the Pl. Landl. - except some
little addenda which come from a
small collection made by Gordon
at the Ratan Mts. - but the plants

will not be thro. yet for a week.

I have been at work hard -
and am still at Expl. Exped.
Compositae -

Thus far - I have gone thro.
two triles *Nemniaceae* & *Eupatoriaceae* -
the Expl. coll. is wonderfully
poor & shabby - all Hong Kong
and road-side specimens, and
little bits.

As to those of yours in my
charge still, if I remember you only
want names & notes - not characters.

In great haste
Yours ever

Al Gray
Boston
6 Feb. 1849.

Dear Doctor

I have this day yours -
but as it cut before me, I can only
in general terms thank you for your
keeps for glue. & -
This I said by my brother in law.

Charles Loring, who to recruit his
health makes a short visit to New York
and Washington. He brings a small
parcel to you containing the little things
that have accumulated since Eliza's departure.
— also a sheet or two of Pl. Arch. —
the rest presently. I am now hard at
work at the Ex. Exped. Compt. — will soon
look at those of yours. —

Charles will give you latest news
of Lane and — Yours faithfully
A. Gray

Dr. Loring

N.B. You must know that Charles
is a little in the chemical way —
having been in Harpord's Laboratory last
time. —

Cambridge Saturday Evening
July 17, 1849.

102

My Dear Doctor

I was distressed at receiving your favor of the 7th & 8th inst. only this afternoon - under cover from Hastings - who had mislaid & forgot it. I should of course have replied

to it at once.

On hearing from Emory, Wright write at once ^{him} at Washington, to say that still he would be glad to go as Botanist - if ~~his~~ transportation to California & his mere subsistence were furnished - he would prepare his own materials for collecting; and would in that case expect to collect, not only a set of the plants for Dr. Emory or Government - and whoever ~~worked~~ them up. - Say yourself, but would expect to make up sets enough in a quiet way - for Lovell, myself, & a few others - the pay for which would reimburse his expenses, out fit, &c. - (which we should have to provide)

He would still go, gladly, if there is yet time & a chance - under whatever name, - with the pay of a dollar a day, which you mention. - & divide his collections with Dr. Emory. - So that he & yourself should be well supplied, - he (W.) have a set himself for his own ~~herb~~, and a few to dispose of, simply to make him even with the world again.

Ermy has not answered his letter - probably
did not well understand it. - So that I
cannot say that present appearances look
very encouraging for him. -

I am greatly pressed, having a sudden
opportunity of sending letters & small parcels
to England by John Cunningham - who
goes out - very unexpectedly on business next
Wednesday. I have a quantity of things to
send, and Pl. Ferdinand - of which I
mailed to you lately the last sheets. -

I think I will send your Petalide (I suppose
of mine) just to Lehmann, Cunningham to leave
them with Booth, & Lehmann promptly to
return them ~~to~~ him again. -

I rejoice at Hastings's position - which
appears so pleasant. Sorry you did not
see Charles Long. Yours ever

A. Gray

Monday Morning 1849

RECEIVED
1849

TOURNEY
9/11/49

My Dear Doctor

TOURNEY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

I got your last favor on Saturday -
the mails back and forth have been somewhat
irregular & late.

The day after I wrote you before I got
a letter from Maj. Emory (in reply to the one
Wright & I wrote to Washington in offering
to go without wages, at all.) - from New York
- a very polite & proper letter, but directly
declining our overtures. It would not do

therefore - for you (in case Dr Parry does not
appear) to send on Wright. Besides - you
can send later, without much difficulty -
Let him go with California
expedition for
the party in California

Wright; you may be sure I was not going
to be altogether disappointed. Accordingly I
have got one all arranged. (Lowell & I were
submitting handsomely) which is as much
better than Emory's as possible. - & thus far
every thing has wonderfully conspired to favor
it. W. has left me this morning to go
to his mother's in Connecticut (Weatherfield) - then

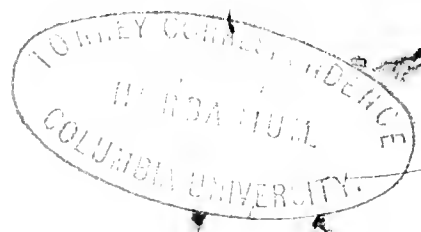
to make his portfolios & presses. - comes in
to New York soon. - takes first vessel for
Galveston. - I expect a letter from Hastings
telling when it sails. - It to reach Austin
& Fredericksburg, in time to accompany the
troops that are about to be sent up, by
a new road across a new country to El
Paso in New Mexico. - Look on the map &
(Miss Lizzens) you will see the region we mean
him to explore this summer. - The Red Valley
of Rio del Norte. - early in the season. - The
Mountains east & especially those west in summer.
He will probably stay two years. I get
to Texas & Spanish Peaks this year or next.
We shall have Government recommendations
to protection - & letters to an officer (commanding)
who thro' Hanson, has already made overtures to
collect himself or aid in the matter.

Wright will get his paper - (the size
of medium printing) in New York - some
25 or 25 dollars worth. - medium size. -
If you like to help his finances by procuring the
paper for him (let Grant look it up) as much
as 10 years - you - without being bothered by plants

You don't want shall have your pick of
such things as are new to you - from his collecting

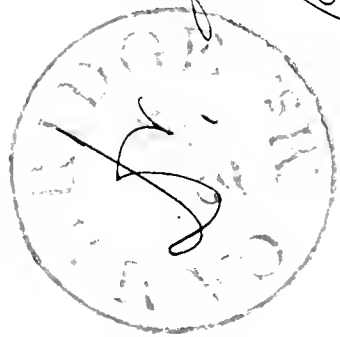
I write in haste
Yours truly

A Gray



Date of last [unclear]
[unclear] [unclear] [unclear]
will [unclear] [unclear]
[unclear]

15



John Torrey
67. Crosby St.

New York

Cambridge. 17 March 1897

TOSNEY 89
HERBARIUM

1897

Dear Doctor

I send this to Grant with
15 letters for foreign packets
(You may imagine I am tired of
writing. I have just sent all
two large boxes to Hamburg. -

HERBARIUM
COLUMBIAN UNIVERSITY

I could not get a proof of
Fraxinaria - in time. I hope you
sent your own - which I can
duly replace -

Sprague is now at work on
Krameria (which *Benth.* is all wrong
about in *Pl. Hartw.*) the last plate
in vol. 2. - Next come your
things - which he is now going at

which with your *have first*.
I will take up *Batis first*, unless I
hear from you - Your things
are now first in order. -

My wife is very poorly again.
Your note to me - which I got
discounted here - I have myself paid,

this week - as it matured.

I send you two copies of M.
Hud. - forgotten previously.

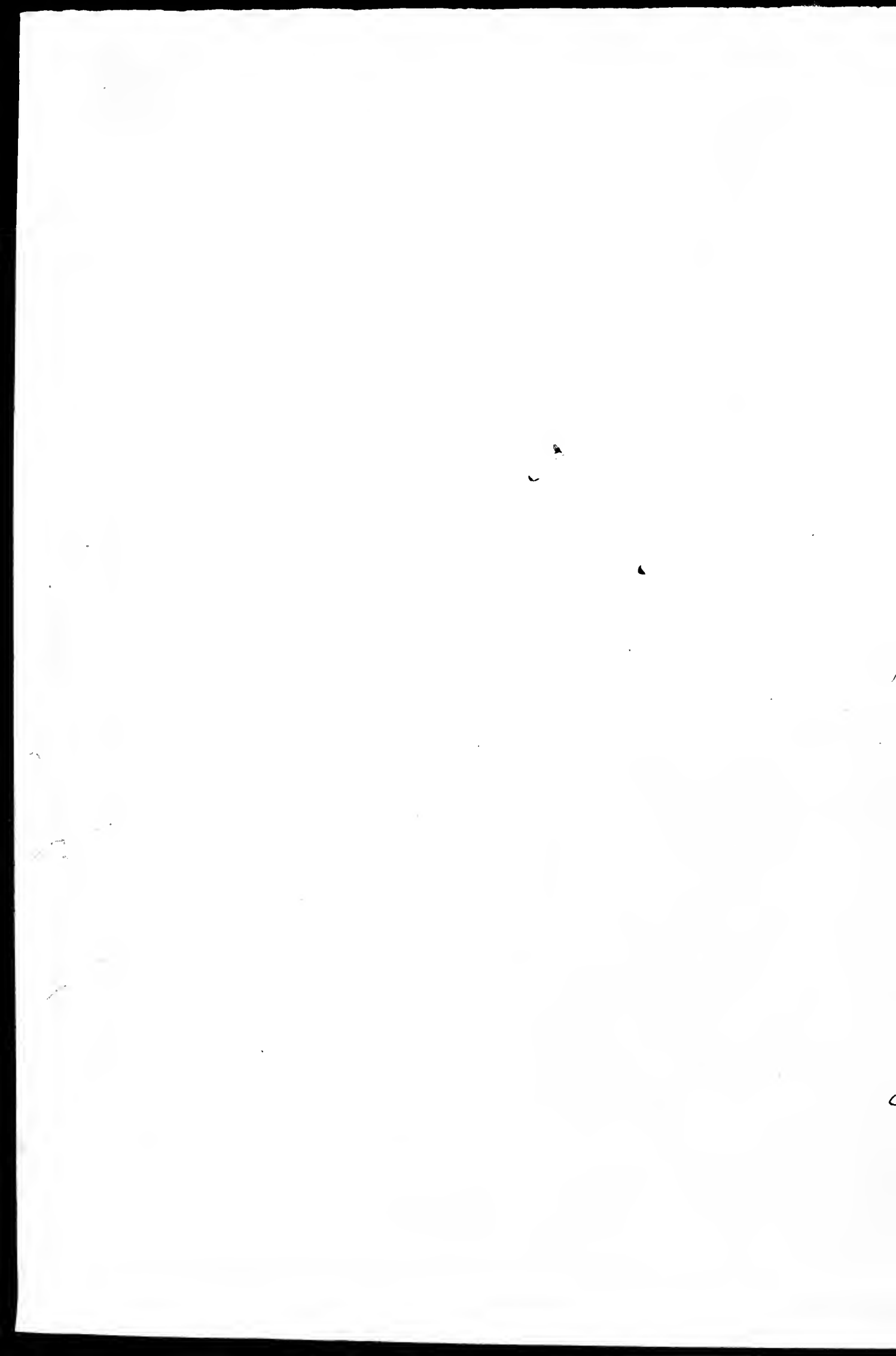
Love is writing to Etira
I send her love -

Yours ever

Asa Gray



Howard University
Baltimore, Maryland



TORREY 90.
HEB 1849

Cambridge - 17 April, 1849.

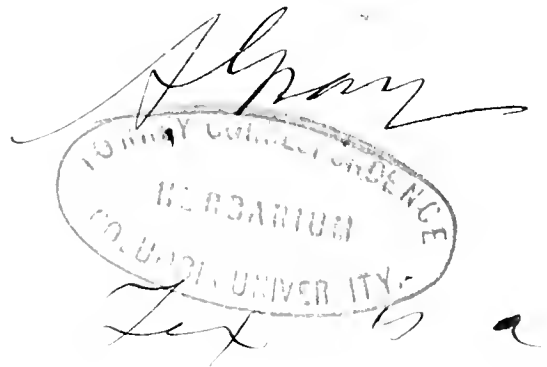
My dear Doctor.

It is very long since I heard from you, & I have myself been at work to
had to write many letters -
Sprague has been at work on your plates
for Smithsonian - (two of them quite) - Bates, & Schwenitzia?
The Chrysothalamaceae thing, and the Putealaceae.
will also be ready in a few days. - When
shall you be in New York that I may send
them to meet you there? and then they
may go in to Prestles hands, who I think
had better engrave them. Sprague just not
wants to be very fine, and so justice to his ad-
mirable drawings. - Perhaps Fremontia may
better be engraved over by Prestle. Bates is very beautiful & clear,
Sprague's analysis of Bates is very beautiful & clear,
what are its affinities. I hope you will be able to
get some clue to it. Nothing promising has occurred to
me yet. - His analysis of the California
Schwenitzia is very interesting, but as you
saw that you found the embryo Sprague
the end opposite where you found the embryo. Sprague
is pretty well convinced of the contrary, and goes to
anatomical seeds. - There is no disk, as in Schwenitzia,
and several other differences, which, I suppose will lead

you to characterize it as a distinct genus -
We have the *Arasanthacus* thing. Now to figures
if you have sent *Limnanthus*. But it's
it with while to give a plate to this, when
as I see *Merth*, find nothing noticeable in its structure
differing from the well-known *L. Gargasi*.
For *Phanabotia* - shall the figure be made
entirely from my (Hortiepien) material - or have you
not some fruit from *Fransat*. - And what
will you take to complete the decade?
How sad is the mishap of *Fransat* in
the mountains -
It was too rash to attempt it
in winter.

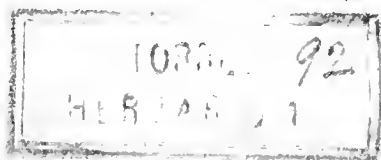
Fendler, after changing his mind a dozen times, has
at length - at the last accounts - decided to botanize
around Norman town.
Lane is getting better, but is far from
well. In haste
Yours truly

Printing of *Genera* is going on -
Phanabotia *Strophilus* Hook. Text is a
Zizyphus, -



Cambridge May 4, 1849.

Dear Friend



I have been wanting
to write to you - & reply to
one or two letters of yours.

I will soon - At present

having only two minutes -

I can only say that your
journal of plants (for I suppose
to draw \$1) came safely.

I give this (with a package
for you, containing several things
that have come in) in
great haste to Dr. Alexander,
to reinforce the letters which
he bears to you from Mr. W. B. B. He will send a few

knows with you on his way
to the region where he is to
botanize this summer.

I am much pleased with
him, and know you will
gladly further his views.
Broth writes that Endlicher
is dead (no particulars) - also
Gardner, at Beylun.

Ever Yours truly

TORREY CORRESPONDENCE
Al Gray

Cambridge, Saturday Evening, 26 May, '49.

TORREY 1-94
MAY 27 1849

TORREY CORRESPONDENCE
MAY 27 1849

My Dear Friend

Your welcome and lively letter of the 23^d -
reached us this afternoon. Your former one, of last
month, I have still kept on my files - to answer at a
moment of greater leisure.

Monday morning, - An inflamed wrist
became so uncomfortable that I broke off my letter
and now proceed, with my left arm in a sling
I suppose will now be able to proceed with your
drawing. - The 4th nearly done - when I have written
was the new *Portulacaceus* genus. - as to have printed on
Prebble to put them upon a stone 4^{to} as the Smithsonian
a sheet larger than ordinary 4^{to} - I have given him the
British. is a sub of royal size -
size, as I think correctly.

Engelmann has told me how the Texan plants fell
into the hands of A. Schreb. - He knew the
who was in Texas - bought a set of L. - Engelmann, who is quite
E & I were to publish them - to blow him up. But
indignant has written to Körner - Engelmann, who is quite
E will say it is partly his fault, in not getting
them ready for publication sooner. Schreb has
several plants in my *Ol. Zool.* or in *Gen. N.* vol. 2.
Only two, however, really anticipated with correctness,
viz my *Caronia Wrightii* & *Phytolacca verticillata*. (both
he has badly described. His *Malva aurantiaca* is
my *Malvastrum Wrightii*, *Ol. Zool.* His *Malva*
- *Malvastrum carolinianum*. His new *Urquedia* is
only the old *Paliurus Texanus* = *Zizyphus Abutilifolia*
Gen. N. (Vithanus) *Sturpilis*, Hook. in *Trav. Bot.*, of which we
have now good fruit. -

Rhamnus? Foxalis Mr. H. = Bearhus

Sprague is himself regarding the Zizyphus & Fraxinea
Gardnerianae (Fraxinea perfectly good genus - as Bennett
says. & Rhamnus alniifolia does not belong to it, but is a
true Rhamnus, with recurved cotyledons.) & is doing
them well. He will be able to separate the trees
for himself. But there is much that he cannot do
yet equal to Presl.

I have finished all the copy of Gen. Pl. Vol. II,
at length. The printer has yet 2 or 3 sheets to set up.
The plates are working off in New York. It will run
smoothly at my hands. It is long since I have done
anything at Ex. Expt. Pl. - I am now going at them
It is a shabby, unsatisfactory collection.

What Ericoia I have direct from Bentham
are named. I send you all that are in my
herb. - also a very set of Pl. Fendl. - which I
shall be glad - as they have to be compared with Martelli's
& Celsi. - if you will elaborate for me, I name. At the
same time my criticisms you have to make - & the brief
characters of any new species whether in Fragment & Ex. Expt.
collections. you had better publish in notes to said Ericoia.
in Pl. Fendl. Any other families of Fendl. Plants you
would like to have are at your service.
I send also my copy of Benth. Ericoia.

I have never studied the Amaranthoid plant
at all. I will when Sprague figures it. - your Tham.
I do not recollect that I ever saw your Tham.
name. I should think it would be well worth while
to figure it. On looking over your characters, it
strikes me as more likely to be Rutaceous than Zanthoxyl.

As to Bates I did not remember when Lindley put it,
but, on looking at Sprague's analysis, it struck me as
being nearly Euphorbiaceous in structure; which I
see nearly agrees with Lindley's view. -

I have never examined that Arctioid Paper bound
thing. We will examine it together, this summer.

Hobbes writes me how much he was interested in the
plants you sent him. ^{The}

Myself & Mr. Moore have not advanced the manual as
they should - nor followed my directions properly, so the rest
of the edition will sell off slowly, which I am not very
sorry for, as I do not want the trouble of making a new
one next spring - As to the papers ^{of} Hutton may make him-
self easy - he has written me a long letter about it, but I
shant trouble myself on the matter.

I have asked Gould to have the proceedings of
the Boston Nat. Hist. Soc. forwarded to you. You will
soon get a large batch of proceedings of Am. Acad. for
the current year. For the terms of Mem. A. Acad see
enclosed advertisement. You will be anxious to have
our new volume & can take it when you come on here.

About 200 pages of Vol. II. are in type.

All the details I have about poor Endlicher's death
are in a letter from Tommasini, who says that he was
suddenly prostrated by a severe illness which was soon fatal -
about the 1st of March. I saw him in January at Verona,
his position was not pleasant, & he says he expressed re-
pent at being compromised in political matters. The May

no. of Hook. Journal announces it in a brief note. No particulars yet.

Your former letter of Ap. — is now before me. We will try to have Sprague figure the other Bombaceous genus. I noticed one Oak of remount with the long acorn. *Macraemia* is not so near *Macrocarpa*. Perhaps it should be figured but the new genera first —

I have heard of Wright's arrival in Texas after a rather long voyage. Suddler will probably be attached to Capt. Stanbury Expl. of Great Salt Lake. RECEIVED
JOURNAL OF BOTANY
MAY 21 1851
COLLEGE OF THE CITY OF NEW YORK Ravenel is not a Dr. only a planter — good fellow. — I recommended Buckenridge long ago. Was he for the place? —

From Boyle did you get more than three books of Griffith's — ~~two~~ one $\frac{1}{2}$ — All I had, but by the Circular there should be another.

As to Bailey on Suckett no doubt I should have been more savage than he, as you told him — But Bailey has more wit — I read his article with perfect admiration for its quiet good-tempered thoroughness which must be very effective —

The the local Committee have been arranging for you Scientifics in August. Yourself, Sellowant & Engelmann are the botanical Committee — I will be here & you of course & Harvey. So we expect a nice time (Jane says, though Eliza does say so in her letter she cannot come, she must have forgotten that learned meeting from which she was to derive so much information, & help entertain the foreigners at some; so that she shall expect her, & Jane, & Maggie, & Mrs. Torrey & Herb. according to agreement. She was better a while ago, but lately has rather fallen back again, but hopes to pick up before August. She will write to Eliza soon.
With love to all (James also) Yours faithfully
A. Gray

Torrey

Coll. Mex.

Nov. 18. = *Pyrospappus Californicus*

The green *Composita* from Surinam wh. I returned
as *Rolandea* = *Rolandea aspera*.



Fremont's R. 1846. which I queried for *Hemizonia*
" " S. " *acutifolia* a new, is
Hemizonia decumbens, Nutt. Pl.
Gambell (McLanell,)

Oxalis. 3000 ft. elev.
- 1000 ft. elev.

Monday, June 5. 1849

Dear Doctor,

I write this on an old sheet which had a
few names for you left over when I dropped the Pl.
Fund. & looking over Fremont & Mexican specimens last
winter. It has been lying in my drawer ever since.

The other day while confined with my lame wrist,
(now I am thankful almost well - quite, indeed, but weak)
I took up those remaining Californian *Compositae* of
Ex. Exped. you long ago left in my hand - have de-
termined the known ones, and studied those that are
new - laid aside for Sprague to figure - a ^{remarkable} new *Hemizonia*,
a new *Antennaria* - & three brand new plants which
I refer to *Lessingia*, - though as to two of them you would
not have thought it. While working at them I found
out that one of them was a plant that Bentham

had written of ^{as a new *Mylophaps*} ~~the~~ ^{Hartweg's Coll.} ~~Harter~~

Thinking that it might be best for him to publish
those in his forthcoming sheets, just to secure them, I found
to him by this week's steamer - Copy of enough of the
characters I have written out in suppl. bumps for our
Alma - to answer the purpose, in a letter, in which
Jane has copied out the part that explains how
I happened to hit upon them,

I trust you will approve this mode of proceeding,
as it will be sometime before either you or I shall be
printing anything in which we can naturally insert them.

I'll try to have Sprague draw them ex leg.
He has taken up that other Bombaceus thing. ~~of~~ ^{of} ~~Grants~~.

Will you have the specimens drawn as they are,
viz. - a branch with calyx & pistil - the corolla fallen
& then the corolla s. - ^{given separately?} Or shall we
venture to restore a corolla to its place? -

I have some idea of having Sprague himself engrave
this - on the same stone with Fremontia - & add some new
details to that. He has engraved two plates for Gaura -
very well. Meaning that he can do this kind of work.

Sprague must have a genus - & a first rate one.
I think it would come in better taste from you than
me - we are so much connected in working. - Will you
give him one of your new ones.

Jane is much reduced in strength & flesh - Her spirits
at times flag very much (do not allude to it ~~in your~~ ^{in your} letters
to me) - from the effects of so long indisposition. If I could possibly
do it, I should go abroad with her this summer - but it cannot
be. If not recovered - & at any rate if I can get along with what is on hand, I
shall try to go next year. - Love to all alike. - Yours faithfully
Hooker

Cambridge - 15 June 1849.



Dear Doctor

Dear Dr.

Your of the 13th came this morning.

Of course I meant in my last to ask you to dedicate one of your n. gen. to Sprague - for the very reasons you suggest. -

I am being now at Beverly - I have asked Charles to copy a part of the figure of E. intricatum for you - & here is the specif. char. -

- Do you want also the char. of E. cinereum.
- E. elongatum;
- & E. gracile.

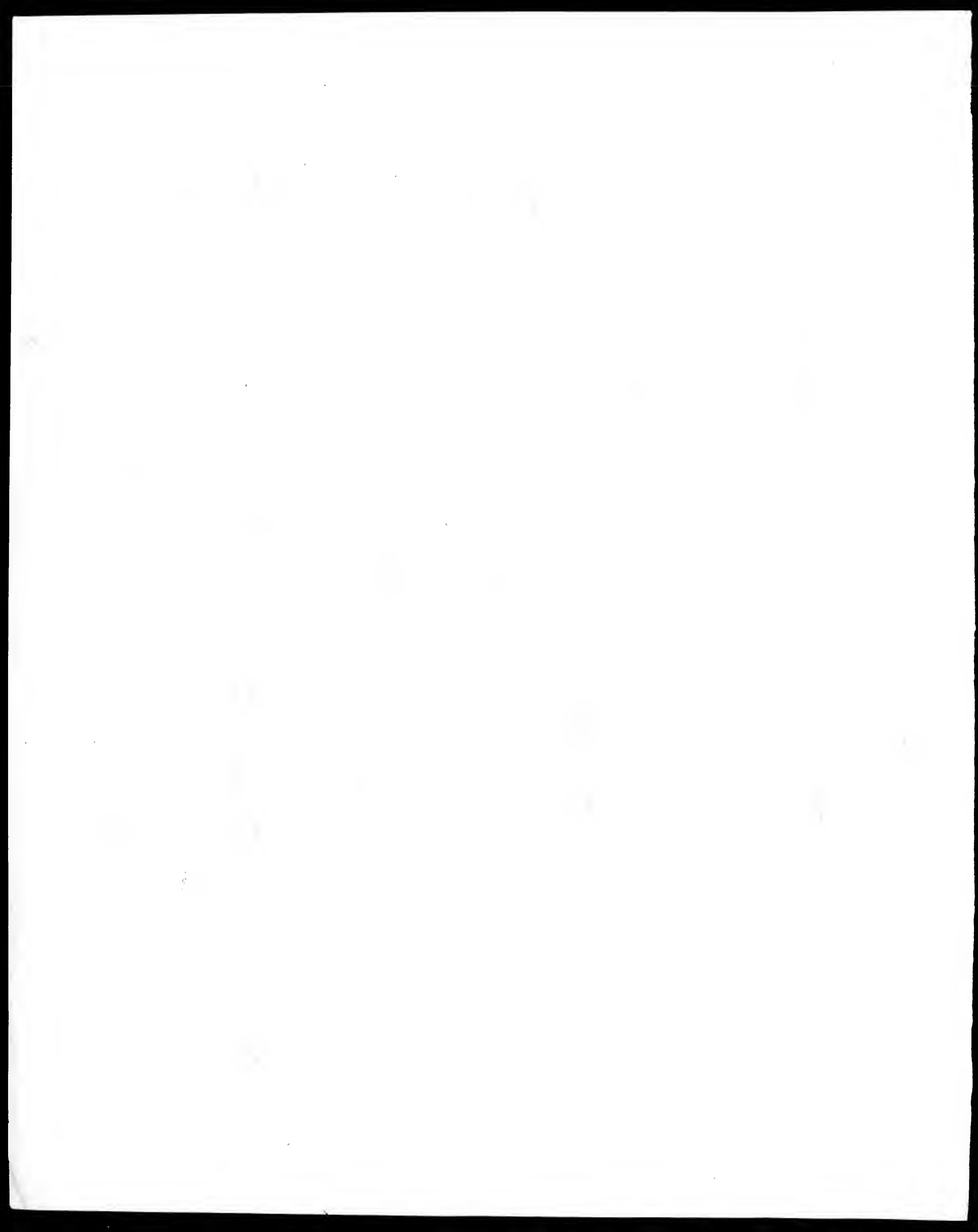
To day or Monday I will try to get the loan of the Eriogonum Mr. Small for you.

I have not unpacked your Aspidobolus Arment. 3^o yet - waiting till I send the Fendler. - Now I am now deep in Compositae E. expid.

I have Nuttall's - 4^{to} - & notice his sort of Mastigias.

His talk of Berythranus & Cyclochroma amounts to little.

As to Otilomias see Mr. Fendl. p. 102, note. In haste Yours
Wm. Alway.



TOPICAL 98
HERBARIUM

Cambridge. June 22nd 1849



My dear Doctor

LIBRARY OF THE
COLUMBIA UNIVERSITY

Going to Mr. Lowell's house on Monday I found his study room in the process of rearrangement - new cases putting in. - & all in such confusion that I could not get at that part. I will try to see Mr. Lowell in a few days, or write him a note asking him to send that part of his collection. No doubt he would be willing.

Perhaps you may remember, a year ago or more I forwarded to you some enquiry from Prestelle as to why you had not answered his letters. - In the present letter, enclosed, you will see he feels not only surprised but hurt about it. He is a good man, all his long intercourse with me has very much raised my opinion - so truly gentlemanly - Pray have the kindness to write him at once, or commission me to do it. Shall Prestelle's man try his hand at reprinting those plates? - The trees have pressed Sprague much for the last fortnight. But he must now finish your drawings. Prestelle has sent us no more of the three plates. - Jane is with me, now for a day or two. - is getting much better in this hot weather. She sends much love to you & yours. - Yours affectionately A. S. Gray

1870



Dear Mother
I received your letter of the 10th and was
glad to hear from you. I am well and
hope these few lines will find you the same.
I have not much news to write at present.
The weather here is very warm now.
I must close for this time. Write soon.
Your affectionate son,
John Doe

Dear Mother
I received your letter of the 15th and was
glad to hear from you. I am well and
hope these few lines will find you the same.
I have not much news to write at present.
The weather here is very warm now.
I must close for this time. Write soon.
Your affectionate son,
John Doe

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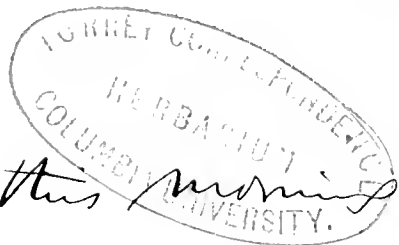
Prof. John Torrey
Princeton

New Jersey

Cambridge 26th June 1849.

My Dear Doctor.

99



Your favor of 22^o came this morning. I am out of breath with a lecture 1½ hour long, & so set down to reply at once. I have written to Mr. Lowell for Eriog. Gambell. but have not yet received an answer. You did not ask for descr. of the other 3 species of M. Noy perhaps, or you would have had them.

I have none of Eriophorum; Eriophorum atrorubens. - write to him for it. I do not care which of the two genera you mention is given to Sprague. Take your choice when you get the drawings. If Sprague has time I was going to have him engrave the gen. aff. Chirostemon - on the same stone with which the Monarda is on. ~~In the~~ (adding some more details of the latter)

In that case that stone should be worked here. I am sorry you promised Endicott the printing of these plates for it if not done by Prestete's ~~himself~~ (now mine) I think Lowell's press-man here would have done them better - but perhaps not. I will hurry Sprague to furnish the drawings, and you can have yourself manage the engraving & press-work as is most convenient & proper.

I am very sorry that there should have been any misunderstanding or dissatisfaction on Prestete's account. I have a very high

opinion of him as a man and a Christian, and do not
think he would ever intentionally misrepresent the slightest
thing to you; and therefore wish you had promptly found
fault with him for whatever was amiss. May I still presume
to solicit you to write to him; for I do not like he should
feel that you have ~~refused~~ to answer his letters.

When you send Thamnosia & it is drawn or
drawing, I will examine it. You know I have
never seen it.

I will try to get for you - from the Traveller, the
account of the transportation - but I presume it will
be printed - all very well - but no great
shakes!

I am pressing Sprague about your drawings
but I can't hurry him a bit. She is obliged to
scour his sketches & edos of the trees as they come on -
& this keeps him pretty busy.

I momentarily expect Stratton here, & will
pack up & send you Lambert's Pines. My health
part 5. - to-day. I send to Grant as before.

Jane is improving at Beverly. - She would send
her love if she were here. - In haste & true ever,

P.S. I will wait - Albany
before sending you Lambert's Pines. - I will see if I
cannot find out what is the prospect.

I have no specimen of *Pinckneya* at all, and so none for Bentham. At in Garden, ^{my} *Brasilia*

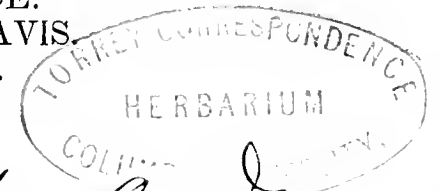
I will send a parcel, containing all ^{my} *Brasilia* that have come in, among them if possible those of *Lisiba* new collections. now laid out to give. Shall be glad to have you name them. Also *Fendleri*.

OFFICERS OF THE ASSOCIATION.

If you would now finish up *Brasilia*, and *Libinia* of *Campanula*, *Scaphace*, & *Adelpiadee* for the *Alora* - (I mean to *do* *Bydophyllaceae* *Labiatae* & when I take up *Hand*, & *Sex* *Collectas*) ~~and~~ bring on the *M. J. M. H. S.* ^{Standing Committee.} *shall* *one* *day* *gather* *to* *attack* *the* *Vacciniums* *again* & they finished, we might *put* *the* *rest* *of* *2nd* *Vol.* *of* *Alora* *through* *the* *press* - *Local* *Committee.* *quietly* *wants* *to* *publish* *at* *2nd* *Vol.* *OF* *BOSTON.* *at* *before* *I* *go* *OF* *CAMBRIDGE.* *which* *(Deo* *fante)* *must* *be* *next* *spring.*

- JOHN A. LOWELL, Esq.
- Dr. JACOB BIGELOW.
- Hon. NATHAN APPLETON.
- Hon. NATHAN HALE.
- GEORGE B. EMERSON, Esq.
- Prof. H. D. ROGERS.
- Dr. A. A. GOULD.

- Prof. LOUIS AGASSIZ.
- Prof. BENJAMIN PEIRCE.
- Lieut. CHARLES H. DAVIS.
- Prof. E. N. HORSFORD.
- Prof. ASA GRAY.



Myrica (*Ericich.*) *californicum*, I had in the garden only once, (some years) ago - not since. Of course I shall be glad to have your remarks to print on *Brasilia* & - in *R. Fendl.*

JEFFRIES WYMAN, Secretary.

I have from you the seal - *Blasilla Mexicana*. Pity we did not know it when the 1st Vol. of *Genera* was published, to give the new name to our *Blasilla Mexicana* is in *Britton's Mex. Coll.* - How odd the foreign botanists have not found it out yet, *Engelmann* has, however, some time ago - noticing *Grevil.* I wish you would publish them some *trans.* - *son.* - I shall

not have a chance till new Mt. of Tex. Smith. are published.

Poor Sprague, he is very thin & worn his miserable health, and his sister - with him - is sick with a Pleurisy of the lung lying standing - a sort of chronic Pleurisy - with effusion into the chest Dr. Thoman says. He can do little work now, - and says he can never do half I have put on his shoulders. I am afraid that all he can possibly do for you this summer will be to finish those Smithsonian plates, - and I can't get him to ~~do~~ finish the 4th yet. - though I have urged & urged him, all I possibly could. & scolded & threatened him, but now I have no heart to do it. Besides, when I do, he threatens to sell his place and go back to Hingham, & live by painting coaches.

Have you yet Sci. Proc. 13, (part 2). I got an early copy. - But they should have the regular copies along by this time. Moquin Junt know Sarcobatus leaves it out of Chenopod. I want to see whether he has the Amaranthaceae genus - but have not viewed it yet.

Lane is away at Sit chief. Conn. where I left her early in the month - with her maternal relatives - to stay till first of August - to return for the Sci. Assoc. - when we expect to see you with us. Harvey will also be with us, & Harvey if he arrives.

Lane writes that she is improving at L. But she is very far from well & strong.

I am nearly through with the American Compositae of S. Exped. - on which I am hard at work -

My love to Mrs. Fernald & the "children" - Yours faithfully
Asabrag

C I R C U L A R.

AMERICAN ASSOCIATION

FOR THE

A D V A N C E M E N T O F S C I E N C E.

Agreeably to an invitation from the Corporation of Harvard University, the next meeting of this Association will be held at Cambridge, Massachusetts, commencing on Tuesday, August 14th, at 10 o'clock, A. M., and continuing one week thereafter.

The members of the Association will find lodging, breakfast, and tea in boarding-houses in Cambridge. Arrangements have been made for all gentlemen and ladies attending the meeting, to dine in Harvard Hall, during the session.

A book will be open on Monday, at 11 o'clock, A. M., and on Tuesday, at 9 o'clock, A. M., in Dane Hall, for the registering of names, when each member can learn at what place he may be provided with lodgings.

The members are desired to register their names as early as possible after arriving in Cambridge.

The following are among the Rules of the Association.

RULE 1. — Those persons whose names have already been enrolled in the published Proceedings of the Association, and all those who have been invited to attend the meetings, shall be considered members on subscribing to these rules.

RULE 2. — Members of Scientific Societies, or learned bodies, having in view any of the objects of this Society, and publishing transactions, shall likewise be considered members on subscribing to these Rules.

RULE 3. — The Collegiate Professors of Natural History, Physics, Chemistry, Mathematics and Political Economy, and of the Theoretical and applied Sciences generally; also Civil Engineers and Architects who have been employed in the construction or superintendence of Public Works, may become members on subscribing to these Rules.

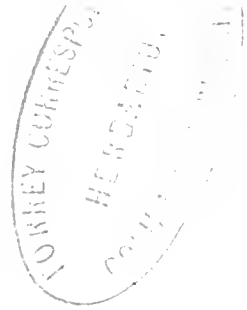
RULE 4. — Persons not embraced in the above provisions may become members of the Association upon nomination by the Standing Committee, and by vote of a majority of the members present.

RULE 18. — The amount of the annual subscription of each member of the Association shall be one dollar, which shall entitle him to a copy of the Proceedings of each meeting.

No print of 632 fault.
I know. But you shall see.

Tell me how I shall
find no 47 St. Edward &
Mag. Eulim - what family
so that I may identify
it among Rio Grande pl.
& Wright.

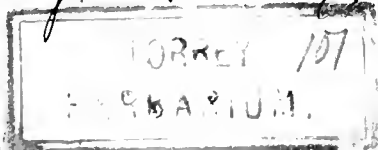
P.S. I have put up a
Paral. containing the things you
want - (Stone Asclepioid. & Acanthus)
for you to read & send to-day
to Grant, New York.
I find there are the plants
you want from Texas, Rio. Grande, Wright.
What is it? Yes are they?



N. B. By a vote of the Association, at the last meeting in Philadelphia, copies or abstracts of all communications made either to the General Association, or to either of the Sections, must be furnished by the authors; otherwise the titles only will appear in the published Proceedings.

It is suggested that all papers, read before the Association in the absence of their authors, be accompanied with condensed abstracts for the Proceedings; and that gentlemen personally presenting communications, prepare beforehand a brief outline to be given to the Secretary.

Cambridge Aug 6, 1949



My Dear Friend.

I should have assured you
of the 1st Aug not last week.
First of all, I hope you don't mean
to give us the slip and not come
on to the meeting next week.

We shall be much disappointed if
you do not, and you ought on
many accounts to be present.

Jane (who will be home to-morrow)
still expects Mrs. J. & Elira.

I heard from Harry at Halifax
who says he shall not be able
to get round to Boston in time
to be with us. He goes from Halifax
to New York

I wish you would draw up char-
acters of the Mexican ^{blonnettes} ~~blonnettes~~ &
I will place them where they shall
be sure to be taken up in Pl. Litch.
or first paper. — Or make a
little paper yourself — in Silliman
or elsewhere.

The parcel I sent Hastings
contains some of the things you speak
of. Bragice of brut. calif. &c. -
I believe.

As to your plant 956 E. &c.
here with returned, I can add nothing
except that, with all its curious anomalies,
I should know of no other family than
Bragiaceae to which it could be referred.
It has opposite leaves too, has it not? no.

I have it, in a younger state, I am
almost sure from Meyer's Regum collection, &
remember that I was puzzled to know, from
external inspection when to put it, - but
thought I put it in Labiate pigeon-holes;
on looking there & elsewhere, it does not
turn up. Is it among the Bragiaceae
I sent from to Hastings? not. at any
rate it is a non descript.

Magnus's sister is getting better
& is apparently out of danger. Magnu
keeps promising to finish your drawings
but gets does nothing at them - & little
progress in anything. He is a good deal
worn down.

I have a package (Potamogeton, Lichens)

for you from Tuckerman, who is going
abroad with his mother in a fortnight.

As to the scales. I called it *A.*
occidentalis in Mrs. J. H. N. B. But
I think *Bentley*, took it up in *V. G.*
Sulph. - (You have the part now, not I)
as *A. californica*. Surely not *A.*
calandulacea.

I could send to *Bentham* by *Tuckerman*
if your things were here. - If not I
shall soon be sending parcels to *London*,
& can take any you have. I send to
21 Regent St. to Bentley.

Bentley is on
the coast here, with his whole family.
I will ask him about your names. -

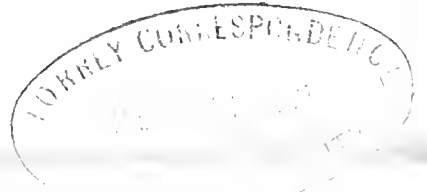
I do not object to have *Yucca*
plants. - "All" fish that comes to my
net." if in wholesome specimens.

Wright writes me that he is
having a hard time. I must
write him & encourage him,

By return mail please write to
say you will be here, at least as soon
as *Tuesday 14.* in morning. - The are

(are sorry Mrs. J. & ~~the~~ girls can't
come to Jan will be much disappointed)
Yours very cordially

A. Gray



Cambridge 30 August. 1844.

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My Dear Friend

Thanks for your brief note of "Wednesday" week. Henry & wife left us last Monday & went down East to Bache. He had a nice time, but not botanists, except Alexander (who took the room I had saved for you) - so I did not bring forward things I should wish to see with a fit audience.

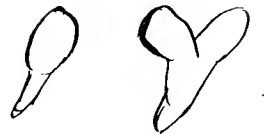
Now I am getting to work again. My brief notice of *Pl.* vol. 13 has gone to *Silliman* in time for Sept. no. - 3 weeks ago. -

You ask me what I make of 680 Ferd. ? - You do not mean that no. - that is a *planum*. Do you not mean no. 740? But that is not *Nyctagine capitata* Chris. It is a *Luanoclidion*, I think not *L. nyctagineum* (which I have from Hartweg's coll.) nor apparently *L. angulatum*.

I have a good many new things from W. Texas & the Rio Grande. -

"*Abonia Texaniana*" was the name that came with the specimens. Dr. Lindb. either by L. or Engelm.

I have it flowering, and a most showy thing, now in the garden. But no ripe fruit yet. The young fruit, however, like every thing else about it, is unlike *Abonia* (*A. umbellata*, fr. Calif. now in garden, has embryo

1-Cotyle, just like your *Tripterocalyx**, which nevertheless
is a good genus by its scarious-winged fruit, & the entire cut
edges of the cotyled. if your figure is correct. The plant does not
also expand more than many flowers. - (for *A. kerameriana* leaves
like *Impatiens*, &) His. I doubt not the *Myctar-*
ginea capitata, Chais. - and is certainly of that
genus. My dried (wild) specimens laid out to
glue I cannot get rid of at this moment,
But the half-grown fruit in the garden shows
a young embryo nearly outside of the albumen -
& the two cotyledons  equal & entire. But
they are still to grow much.

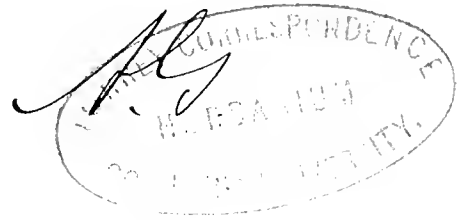
I am improving, most decidedly -
not withstanding our houseful for some time past.
My mother is now here on a visit, - came down
with Joe yesterday - will stay a few weeks.
In haste
Thine truly,

P.S. If I can send back the part of *Benth.*
very helpful, you have, I have now received
the last part & can have the work bound.

* You have never sent me a specimen of this, unless it is
among those of August 3rd - I have not yet distributed, till I study

There has been a great delay in getting
the plates of a few unbound copies of Gen. Ill.
vol. 2. from New York. I in having them cut &
text folded here. I shall soon send you
a copy - in that way - that you may have
bound to match your vol. 1. -

I think I asked some questions in my last
letter which are not answered in your last note.





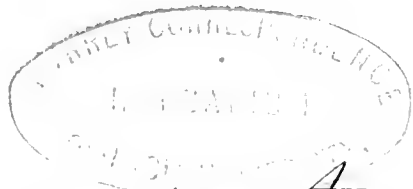
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Superior J. Torrey

Princeton

New Jersey

Cambridge 17. Sept. 1849



Dear Friend

I have just up to send this day a parcel for you, consigned to Grant - & paid to New York (- because I put into it a copy of Annae for Princeton College I owe for Mr. Field. Vol. 2*,) including the Myctazine of my herbar which you wanted, - also a copy of Annae Notes, in sheets - & Proceedings Ann. Acad. for past year etc.

I should ask your acceptance of a bound copy instead of this, if I could find to match your Vol. 1. I pack for Paris in a few days. But I will postpone a fortnight, if you will be here meanwhile, & bring anything you wish to send.

In my letter to Cary, I believe I added remarks in reply to the points in your letter of 3rd Sept. - The last I have from you. - except to say that Jane and I shall be very glad to see you here -

* You never replied to my question whether I should send them, or you would have them. But now, else they would have been sent before. If meanwhile the two subscribers are supplied - retain these on my account, till I want them, - & you can readily get the cash from them. Please send or bring it to your friend A.S.

and we can work together - as much as you
please - Harry writes that he shall be
here about the 20 Oct. & I should like to have
you meet him. - But I suppose that will be
rather late for your visit. - as your lectures begin
so soon after that. - Come, just when
it best suits your convenience

Yours ever

A. Gray

P.S. Now when my parcel is all packed
strongly & nicely done up. - I remember that
I have not added the Fendler Mycetozoa.

But except Lamodidia - there is nothing that
I remember that would be new to you - - an *Oxyphthalma*
Albina *Triptoclype* & - (You shall work them
up when you come - Stratton is now here to
take my package -

A. G.

Cambridge 16th Oct. 1869.

My Dear Doctor

The month is so far advanced that - not hearing from you - I fear you have postponed your visit till Christmas. Harvey is to come to-morrow. Perhaps you will come together. There is plenty of room for you, & a welcome be assured.

On Hartung's return to New York I did not get the package containing the *Boraginaceae*, *Santal.* Vol. Sulph. &c. - therefore the more I concluded you were coming.

But if you come, bring, if not please oblige me by sending from New York & your portfolio of *Vesicaria*. From Sophia Lindeberg.

Whom new Texan plants I am at length working up. Wright. &c. - I have half a dozen new ones, at least new to me. But there are some in the Flora I do not understand. I want to avoid further embroiling a difficult genus. If you will send yours I will give new diagnoses to the whole - if it is possible - a botanizing job.

If you are still in time for a package to Paris or Geneva. But be quick.

I am working hard - at nine things at a time, almost.

Honey explained, at the time why he could not come to Scientific meeting.

Sorry to hear from H. that Bailey is very poorly.

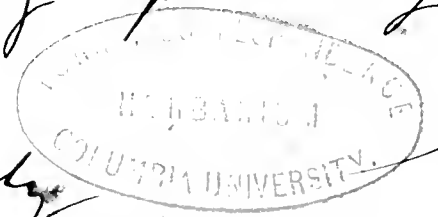
I do not remember any-thing about the *Stemmat* *Calif. Plant* (Number) you write of (14th Sept. your last)

Sprague is incorrigible. I can get no more drawings out of him yet. He will work at a "brail" pace. and I am tired pushing him when it does no good. Why not write (for genus) *Spraguea* - perhaps *Spragea*. I will consult authorities.

Love is at Berkeley - coming up to-day

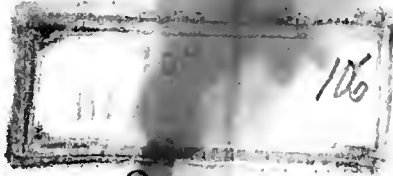
Yours faithfully

Al Gray



[Nov.]

Cambridge Oct. 2^d 1849.



My Dear Doctor

Yours of the 22^d reached me July —
the box came the day before. The freight
on the latter \$1.25 was not paid. I mention
it merely because you state that it was or
was to be.

In turning over the Borag & Nyctag — I
find that there are a good many some
specimens you have not named.

As you speak of sending me a
draft this week, let me say that
I do not at all care to have you pay me
the note I hold — nor any part of it, except
the interest for a year (on \$500). I should
be quite as content to let it run a year
longer — when I may need it if I go
abroad. So do not send, except interest,
unless you prefer to do so on your own account.

Sorry I am that you could not be here
while Nancy is here. — He will be south by
Xmas.

He desires me to say that he expects to spend
the first half of December in New York
at Dr. Hosack's & will be most glad to see
you. I am sure you will like him.
We are perfectly charmed with him. A
quiet, unaffected, pleasant man - extremely loveable.
He works away at a table in my study.
His course is a very interesting one. He is a
beautiful writer, but not very fluent extempore.
Though with more practice he would be a fine
lecturer. He has a good audience.

The Paris things I must despatch very
soon - the London the first chance.

Sprague has promised now to take up & finish
your 4th drawings. He says he can work
but a little while at a time - from a diffi-
culty of breathing. Had I foreseen his
health signs giving way, I should not
have undertaken the trees, - which, as to
illustration - as he is more fond of them than
anything else. I has made fine drawings -
we have gradually enlarged our ideas about
them much beyond the original plan - as to the figures.

He must get this volume off his hands this winter, anyhow. - The Genera will lie in abeyance. Your Ex. Exped. Drawing shall have precedence of mine, - so that I still hope, if Mapie's lungs are not permanently affected, that he might do your plates. If he could, it would not be worth while to get out an artist to do say only 100 plates. If he should break down, however, it would be a comfort to have another such person in the country. In fact there is constantly work enough for two. - I move. -

If you should meet with any difficulty in this respect, I could take a good part of your plants to figure to London or Paris, & have them drawn, you previously indicating the extent of the analyses.

My plan is only to bring out one vol. of True-Report next spring, & not to go beyond the limits of the M.S. paper - those of Genera M. except to mention those of the ^{far} West, in a general way. - Otherwise it would be far too formidable

If you had turned over the label on a *Viscum*,
you return as mislabelled - you would have found the
right name on the other side.

The question is where I can have put the *V. gn.*
Saxifr. (Philad) in my herb - not in Philad. -
nor in Rosaceae. -

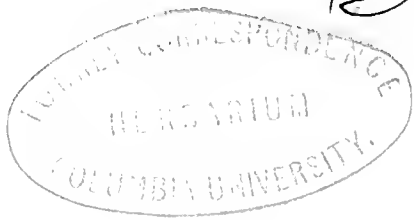
I have not your *Mittallia* spec. of *Peraphyllum*.

Mr John Richardson dropped in on me
the very day Harvey arrived. Expressed
regret he could not see you - Learned I have
the summer news of Franklin. - I wish you
could have been here at a little dinner
party we made for them. He is home
by this time.

Love still improves, a little, & sends
her love. -

Yours affectionately

A. Gray



Thanks to Hastings for his note, Glad I am that
his friend has a place at L. & B.

TORREY HERBARIUM
COLUMBIA UNIVERSITY.

Cambridge 24th Nov. 1889.

TORREY 104
NOV 24 1889

My Dear Doctor.

Pressed for time above meane - I have not yet been able to reply to your favor of 9th & Jane also much occupied - with friends here & engagements & duties growing out of it has had no time to write to my dictation.

The draft came safely. I have credited you on the note - with the surplus you sent.

Dec^r. 26 - You remitted to me for Sprague \$85. - out of the \$100 that Harry placed in your hand. That will perhaps be all that I will be entitled to.

He is now at work at the plates - has finished the *Portulacaceae* genus - & nearly the other *Bombacae* - I hope for an issue by Saturday. - & what there are I will send to you by Harvey on Monday next. that you may see them before sending to the Printer. Sprague has the *Adiantaceae* thing partly done. I now wants to know what others he is to undertake.

What shall they be? I suppose you will hardly use *Endotheca* now - except, after first studying it, you feel ready to make a genus of it, - which very likely it is. If that mode of printing you think is natural, then figure it, by all means. -

The other Bombaceous thing (Spargania?)
you had best send back to me, and we will
let Laurel do it on the same stone as
Fronteria - keeping that - & adding any other
analyses you may suggest.

I find the specimens you gave me of the new form
"Philad" - at the end of *Sterculiacea*. Have
you - (with mine) materials enough to figure it.
If so it will be most desirable to do so.

Love sends her love - & "keeps her feet
always dry & well clad". Do you not also remember
her clogs, she asks.

Harvey will also bring your Mexican
glue them all down as they are -
them well. - Also some specimens laid aside for
you.

You may now keep the copy of Linnaeus
Spec. Plantarum ed. 3 - which you have so long
kept in your possession. I was so fortunate as to
buy the veritable 2^d ed. yesterday, at the sale of Baker's
books. I bought a Plukenet complete 4 vols.
square folio - in boards - for \$3.00. I have it, you
know already. If you want it at cost you may have
it.

I enclose man. reply from Holton -
Please give to him.

Yours ever
A. Gray

Cambridge. Monday 17, Dec. 1882.

My Dear Doctor.

Having had no reply to my
two last, and no directions about more
plants for paper to draw, I feel the
more confident that you are coming on
to see us at Christmas, — and so bring
those matters into you. I am, thro' with
a poor day has come down stairs to-day,
and promise to be able to eat for Christmas
dinner with us.

As you can hardly lecture on Monday
I trust you will come Saturday — via
New Haven Rail Road.

You have probably seen Babinpton &
Planchon's paper about Anacharis & Spalantia.
It was published after my manual appeared,
so I have never looked over the print away.
But to-night, I find, on looking out some
specimens to send Babinpton, that all my
specimens appear to be strictly *divicaria* —
not like those you used to describe at Princeton
with good stamens in the fertile

flowers. Are they right about two
plants. — At any rate, will you bring
into you, if to spare, specimens of the
set, — with perfect flowers, — to send to Barington.

I have had, for some time the drawing
ready of the Fremont plant allied to Adenostoma.
It is a perfect Adenostoma, from the drawing.

Mr. Gray is anxious to finish it — I had
come to ask, our success if I had any more
directions from you. But I thought I
would not let him take up the Erodium
nor the Chenopodium, till I heard from you.

The med. college matter hangs like an
incubus, a depressing weight over us all.
You have heard of Agassiz's engagement.
Will not Mrs. J. and some of the girls come
on with you. We cannot promise them a lively
time, but shall be glad to see them nevertheless —
I hear Maggie is at Nashport. Ever faithfully
Gray

* Strange, that your figure in Flora Nashport
does not show any stamens.!

P.S.
Bring back Balingtas letter.

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120
120
120

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Mr. John Torrey
67. Broadway
New York





1849

Dear Doctor

There is one thing - which I think I have written of, but am not sure - I have been so busy - Wright prefers to be in the field to anything else - and is well insured to hardship and suffering it. - I want him to go as Naturalist on the Mexican Boundary Survey. Halstead goes on the Panama Rail Road. - So the coast is clear, unless you have some person in view. - If not, will you not write to Emory, & make interest for Wright. - He has been ten years in Texas, - was last summer on the Rio Grande - would be content with moderate pay indeed, if he has a chance to make collections. - He is Connecticut born - a professor of religion - a worthy fellow. - I have written to Prof. Hays a letter to lay before the powers that may, have to do with the matter - but know not whether he has done it. Leaving that Mr. Veller of Ohio is the Commissioner. I have written to Sullivan to make capital. - Pray use your interest, if you can, - for him. - We are going to send Fendler to Great Salt Lake & Mormonism, if I can get some facilities. -

I had by Eliza a bundle containing all the
Compositae sent me for examination (except 2 or 3 Dichroaceae
I think not yet settled, which I did not see till the
parcel was closed — also a parcel for Carey.

We have had a real nice visit from Eliza
& are much obliged to her for coming, Jane
will miss her much.

Dear Doctor

The mail this morning brought
me a letter from Prof. Hensley, & enclosing
one from Col. Emory, who speaks favorably
& kindly as to a Naturalist is going along, but
says that, on your recommendation, he has
promised his influence to Mr. Halstead.

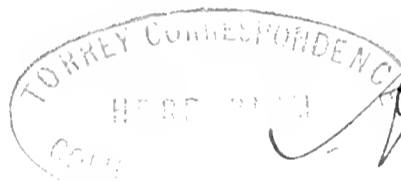
Now if Halstead chooses to take the chance
of this place not a very promising or flattering one —
very well — we with draw. But I understand
he has a much more favorable offer from the Panama
R. Road Survey, which is true for him. I want
him to decide & not, after all, prevent a real
collector from going. For Wright will go
if he can have his fare paid to San Diego
& protection & food afterward, — I will ~~make~~ his ~~fare~~ —

Mr. Lowell will advance some method for collection,
& W. will make say half dozen sets or more
of Plants. - While Halstead, I suppose
would naturally need considerable pay to
induce him to go.

If H. Thompson takes Panama -
will you use your prevailing influence for
Wright?

I enclose Emory's letter - please
return it in your next - and give
Alice -

Yours faithfully



A. A. Gray.

