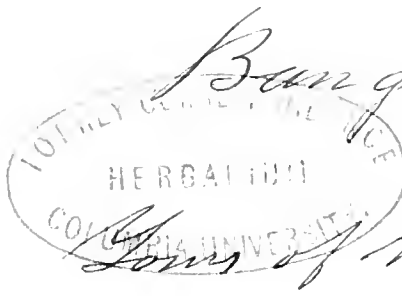


Dr. Torrey
Dear Sir



Bangor Sept 8th 1849

Letters of the 20th ult. came to the hands of my family during my absence on an excursion to Mr. Metcalf.

I thank you for your kind attention, and particularly for the excellent suggestions relative to the Algae of our coast and the interior waters.

I have somewhat anticipated you in some particulars - especially with regard to our Maine flora, having been in correspondence and engaged in exchanging with Dr. W. H. Barry for the last 6 mo. Dr. Gray, I am also personally acquainted with, and have endeavored to supply him with ^{all} the information in my power respecting the geographical range of plants &c for his forthcoming manual. And I hope that the little information I am now about to impart, will be of some service to the "4th part," completing the 2^d vol of your "North Amer. Flora" particularly the order Ericaceae &c —

My exploration of Mr. Metcalf, which cost me 14 days of most severe labor, and the hardest of my life, now settles the question conclusively, in my mind, — that we have here in Maine an Alpine region more worthy the attention of Botanists than has been supposed.

and from which we are yet to cull, all
the plants so eagerly sought, on the celebrated
"White Hills"!

The collection I this day send you contains
the report of my labors, and I hope you will
do me an early favor by reporting to me
your opinion respecting some few which
I have not named - The labels will give
you all the information respecting each you may
probably desire - The grasses I am quite uncer-
tain about, and particularly, the two little,
soft, velvet wagers - I have not any opinion
or rather knowledge, of the "White Hill" plants
and in bringing so many at once from the
Mts. in our State, makes me peculiarly em-
barrassed in study. Such as I have marked,
I believe I have correctly labeled!

You will find a number of specimens -
indeed common enough, in the part I send
you of no importance to you except as com-
ing from Maine! I threw them in, more
on account of their being fringed specimens,
and I trust well preserved.

I took with me an excellent Barometer
and endeavored to measure the altitude
of the regions I collected in, as well as
to take a correct altitude of the Mts.
I confirm Dr. Jackson viz: 5300 feet
above the level of the Sea! and consequently

The second highest Mt in New England,
and, O, horridus! the most formidable to
climb - We commenced ascending at 2 O'
clock Tuesday, and did not get to the summit
until the next day at 5 P.M. There, at an
elevation of 5000 feet there is a botanical
field of not less than 25 square miles!
And all around the sides, except the N.E.
one continued abrupt precipice!

I passed two days botanizing on the summit
and flanks and gave that Mt. such an
exploration as she never received before.
Prof. Bailey got too soon discouraged & few,
in his ascent! Well, anybody will on a
trial!

I have sent you as many duplicates
as I can now conveniently spare with
my other engagements - but should you
be in want of any particular ones you
will of course inform me as I may be
well supplied with such!

In regard to your "flora", I would say,
that I ~~do~~ ^{do} much desire to possess it, but
did not intend to put you at any inconvenience
for me, I am willing and want to buy
it at a reasonable price, and when you
can learn of it being offered your attention
to its purchase will be requested to by an
early remittance of the money from me -

my income is not large enough to pay
exorbitantly for books - tho' I should be glad
to be in possession of all the New York Nests,
and wish I could see the opportunity to procure
them at 1/4 per vol - as offered to Academies &c

I shall esteem it a great favor to send
you any parcels of my collections, and especially
to receive any assistance from your hands during
my sojourn - Any specimens you may be
in want of I will furnish you with if possible!

I have in sections a suit of the same
sent you for Dr. Gray, and which goes by
the same hands. I shall leave for the
Court in a few days, intending to spend
some days in credging for Manic plants
at the advice of Mearns! Any letters from
you will be forwarded to me ~~whenever~~ ~~I~~
~~may see~~, by my family. My own herbarium
is quite large - ~~and~~ I am continually adding
to it - I would you possess anything new that
would be of interest to me I should be
happy to receive it - I believe I have not a
specimen representative of New York - altho
I am rich in species from Pennsylvania & New Jersey

Now, my dear Sir, I trust you will be able
to decipher this hurried letter as I have been
anxious to get it away this morning by the Boat,
trusting that the package will arrive safe at hand
I remain very truly yours
A. S. P.

Oct 4th 1847
CORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My dear Sir

Yours of the 27th ult. came to hands at this place, forwarded by my family.

This is the present place of my labors - having been engaged dredging in the harbor, and in Belfast bay, for 6 days -

For some reason or other I do not seem to be successful - the plants do not come up. If, indeed, they adhere to the rocks as firmly as some species do on our shores, other means than dredging will have to be resorted to - I have, however, been quite successful in collecting Sponges and Corallines - of the former - at least 6 species - some of them equal in texture and fineness to the best of Turkey sponge - they want terracottas to make them useful!

Now, where am I going to get the necessary information respecting the name of these objects! They hold a disputed ground between animals and vegetables - but must, I think, come under the latter.

I have not failed to collect the parasitic worms and infusory animals infesting the algae, and have preserved several species in a solution of Chloride of Soda & common sublimate for Bailey. I had almost thought that I had made

a discovery the other day, which, would in a
moment, settle the vexed question on Sponges
rest upon.

I dredged up some fine specimens of
the Spongia arborescens? and the cells or pores
seem to be literally filled with animalcules
the most sprightly fellows I ever saw.

Their action, at first, had the appearance of the innumerable
lively species of the Asterias! I supposed, of course,
they were the busy fellows building up the sponge
as do the insects at coral making. These fellows,
were, however, removed yesterday - by dredging
up some Sulca which was covered with
them -

I thank you for the list presented me
naming my unknown species of Matutata. Prof.
Gray has forwarded me his views - He calls
the two species of Valix - S. herbacea & refers.
One Agrotis he did not know - or what he
considered an agrotis - the same ^{as} you call the
Poa lufa. I, however, sent him my views,
or rather article for the American Journal containing
a list of the species found at Matutata, which
he has probably forwarded to the editor.

I have been nicely paid for dredging by
the excellent collection of shells I have
made, being something of a conchologist
I shall soon send a list of them to the
Scientific journals - Our coast is very rich
in shells ^{some of} which I think are unknown to

could as occurring in Maine.

In a few days I shall follow the coast eastward to Eastport - taking passage in the U.S. Revenue cutter "Veto", Capt. Ross who will allow me any facility for dredging on our way!

I shall without doubt make a second ascent to Matadahut next June or Mid July.

Snow usually remains on the Mt until the 1st of July which will make it difficult to get up, and besides dangerous, especially while the Mt. is wet.

I will send Pouley Impure mud when I can get it from interesting places - and also, water.

I will endeavor to address you more particularly on my return to my family -

With much esteem

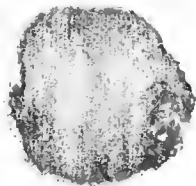
Yours &c

A. G. P. R.

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Dr. John Loring
Princeton
N.J.



LIBRARY OF THE UNIVERSITY OF TORONTO
RECEIVED April 6th 1848

My dear Sir

Yours of the 3rd ult. was received this morning and I now hasten to answer.

Dr. Gray expressed the same surprise as yourself at the remarkable cheapness of my work. I will now make a brief statement of the expenses attending its publication and the preparation of the volumes —

Presuming that one thousand sheets will complete a single copy, which (considering the size of the smaller plants) will do it quite well, I can estimate the cost for 25 copies pretty correctly.

20 reams paper contain 960 sheets, thus requiring exactly (with the waste) 2 reams & 2 quires, which at 6½ dollars, amount to \$13.67 for the paper for one copy.

I can then have them printed at a price varying from 50 cts. to 75 cts. per sheet, and have 25 or 50 impressions for the same price. Allowing this to be 75 cts. (which is large) the cost for ~~the~~ printing the complete ^{work} will be \$750.00.

The covers cost me \$40.00 per hundred (in cloth), the specimen you have with a Morocco back, can be afforded at \$65.00 per hundred, but all cloth is much prettier and equally as durable.

The expense of binding is about 37 cts. per volume, which added to 40 cts. for the case is, 77 cts. per volume — we then have the following statement —

Printing 25 copies -----	\$ 750 " 00
500 covers for 25 copies (20 vols each) -----	200 " 00
Binding 500 vols at 37 cts ea -----	185 " 00
53 Neams paper at 6.50 -----	344 " 50
Add 5 Neams <u>more for waste?</u> -----	32 " 50
<u>Glue, Alcohol, &c say -</u> -----	<u>20 " 00</u>
<u>Amount, total</u> -----	<u>\$ 1531 " 50</u>

Now the sale of 25 copies at \$100 per copy will amount to \$2500 " 00 which if taken in single volumes at 6¢ (as many will) the sales will probably reach at least 2700 " 00 thus leaving a balance for my labor of only \$968.50 in the one estimate, and \$1168.50 in the other.

Again, I do the binding myself, and, therefore, save the outlay there of 185.00 as included in the expense above - I purchase my covers in Boston of Messrs. Deane & Co. Water Street.

I am not a binder nor printer, but can do both - having bound the vols already out and set up the type of about one third of the book you have, so you see that I am quite a "Jack at all trades"!

Again, I expect the State to push me along a little, and hope to live long enough to complete a work, which, ^{me} gives more pleasure and joy than falls to the lot of many men.

I am under no obligations to give the State a copy of this work unless they aid me;

for my requirements are, merely a collection or
a herbarium of the plants of the state. This matter,
however, you have perhaps understood by reading
my Preface — His for the next Legislature to
decide whether they will have the one or the
other.

My paper is called "Hog paper" in
New England and I should think a plenty of
it might be found in New York — There is a
plenty in Boston at any rate, and of different qualities
varying very little in size — say $14\frac{1}{4}$ by $20\frac{1}{2}$ inches to
 13×19 , and perhaps even larger or smaller. It is
also fluctuating in price — sometimes as high as
\$8.00 per Ream and at other times 6, 6.50 or 7.00, but
can be had pretty generally at 7.00 by the single ream
and less for a number — All of our factories
make it and I shall lose no time in seeing
what I can do for you.

Mr. Crosby told me a few weeks since that,
he would make me good paper of 45 lbs to the ream
for $12\frac{1}{2}$ cts per pound, which is just 5.00 — I will,
however, see him again and let you know
all about it. It may be necessary for me
to have some made not quite so smooth
as that I now use so that my plants will
stick better — by the way, do you know
of anything better than glue? I use now
a mixture of rice, cornstarch and gum Arabic
which is powerful enough but somewhat brittle.

I have been in hopes that something would come out of "Webster's solution of Gutta serena" and accordingly wrote to him about it - he replied that he had no doubt that it could be used advantageously and would try a plant and let me know - since which time I have not heard from him.

Some article is really wanted that possesses sufficient adhesive force, and at the same time a degree of elasticity that will not break - now, if you can think of anything I should be pleased to learn it. To men of science and others who know how to appreciate such a work the slightest adhesive power is sufficient, but, inasmuch as the work will be likely to be extensively handled - a pretty powerful glue a parte is needed.

I am really sorry that the title page should contain the error you mention. A few sheets were printed ere I detected it and ordered the correction which was done but the printer by some mishap got the good and bad all mixed together, and some three or four volumes got them in - an error which cannot be accounted for in any other way than my publisher's. You are well aware of the confusion an author suffers in correcting proofs - his familiarity with ~~the~~ subject makes him a poor proof corrector - and, besides, he is the

last who loves to continually read his composition. There are some other typographical errors which ought to have been avoided, and which the proof sheets in my possession pointed out but the journeyman printer proved himself really unfaithful and has within a few days been discharged for his carelessness —

I have not perhaps myself, ~~taken~~ taken care in my composition that I really ought to, and consequently there are a few ungrammatical sentences or rather, perhaps inelegant ones. However, my disposition to be brief & succinct will be readily concurred, and hence the necessity of making ^{sentences} ~~that~~ the more literary reader would call bad, very bad taste.

I go entirely under the opinion that, a good work, is well done, if, very weakly performed.

I have no objection, and indeed, should be pleased to have my work left at the place you designate — and hope that you will do me the favor of informing you ~~repeatedly~~ of the error so that it may be explained when noticed, and only then. I will send a new volume in the course of next month to supply its place and will take the liberty to make that house an agent for the work in New York. I have now to thank you for your kindness

in writing for me the letter to your bank.
It is just the thing and I shall lose no
time in forwarding it with a volume of
the work.

You did not tell me what
you thought of the Stettaria aquatica? I
sent you — I have written in great haste and
must beg your indulgence for the incoherence
of the matter.

My truly yours
A. J. S. P.



LIBRARY
NEW YORK
BOTANICAL
GARDEN.

Dear Sir

Bangor June 6th 1848

Yours of the 2d inst was received yesterday evening. The work which you speak of will contain all the Cryptogamia - the first volume being quite well represented in Filices & Symplocium.

It is my intention to issue from 2 to 4 volumes annually - should I receive that encouragement from our State necessary to establish its completion. Only 25 copies will be published - 10 copies are already spoken for - and, should you subscribe ~~at~~ them will ~~not~~ be but 14 left -

A proposition is now before the Legislature to take 10 copies, which, if passed, the first volume will be distributed immediately, and the second in October.

I cannot tell how long I shall be completing the work - perhaps 5 or 7 years - not quite so long as De Candolle's - prochromis & hope!

The extremely low price at which the volumes are offered will preclude the expense of the conveyance (by myself) to New York - however, I shall deliver them free ~~as~~ far as Boston to Western subscribers.

In haste - I am

Respectfully Yours

A. Gony, Jr.

Given by A. M. VAIL, from J. Crooke Collection

MAR 4 1897

