

TORREY CORRESPONDENCE
New Haven, June 6th. 1856.
COLUMBIA UNIVERSITY.

Dr. Torrey,

Dear Sir,

As you kindly requested
I send a list of such North-American
ferns as I have specimens of.

The little *Allosorus*-like fern of
which you gave me specimens is
the *Utricularium densum* of Brackenridge;
and *Hypolepis Californica*, (Hooker. Sp. Fil.
Vol 2. pag. 71 - tab. 88) is very different
from one of those I carried to New York,
which is more like *Cystopteris fragilis*.

I proceed with the list.

Gymnogramme triangulare.

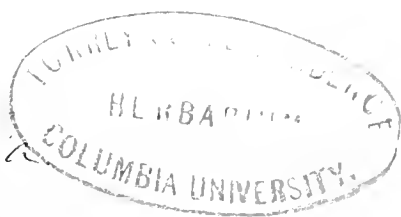
Polypodium vulgare, *β. occidentale*, *intermed-*
-ium, *Californicum*, *incanum*, *Phego-*
-pteris, *hexagonopteris*, *Dryopteris*.

Struthiopteris Germanica.

Allosorus gracilis, *andromedaeifolius*,
microrhizatus (michi) *atropurpureus*.



Onychium densum. (Brackenridge)
Pteris aquilina serrata (from Florida)
Adiantum pedatum, *capillus-venenis* (from
Texas) Chileuse.
Cheilanthes vestita.
Wickströmia boreale.
Woodwardia angustifolia.
Campylopus rhizophyllus.
Scotopendrium officinarum.
Asplenium pinnatifidum, *uta-mu-*
-siana, *montanum*, *Trichomanes*,
obovatum, *angustifolium*, *Thely-*
-pteroides, *Filix-foemina*.
Dicksonia punctilobula.
Cystopteris fragilis bulbifera.
Woodsia obtusa, *Slovensis*, *glabella*.
Aspidium Thelypteris, *Hobbesianum*,
stimulosum et ejus varietates,
cristatum, *Goldianum*, *argutum*,
marginalis, *acrostichoides*, *acule-*
atum, *munifidum*.
Onoclea sensibilis et *3. obtusiloba* (N. Haven)



Lygodium palmatum.

Selizaea pusilla.

Onoclea spectabilis, Claytoniana,
cinnamomea.

Botrychium pinarioides & varietates,
virginicum

Ophioglossum vulgatum.

Equisetum arvense, sylvaticum, limosum,
hyemale, scirpoides.

Lycopodium lucidulum, Selago,
annotinum, dendroideum,
clavatum, complanatum (Anictum)

Selaginella apus - ~~repens~~.

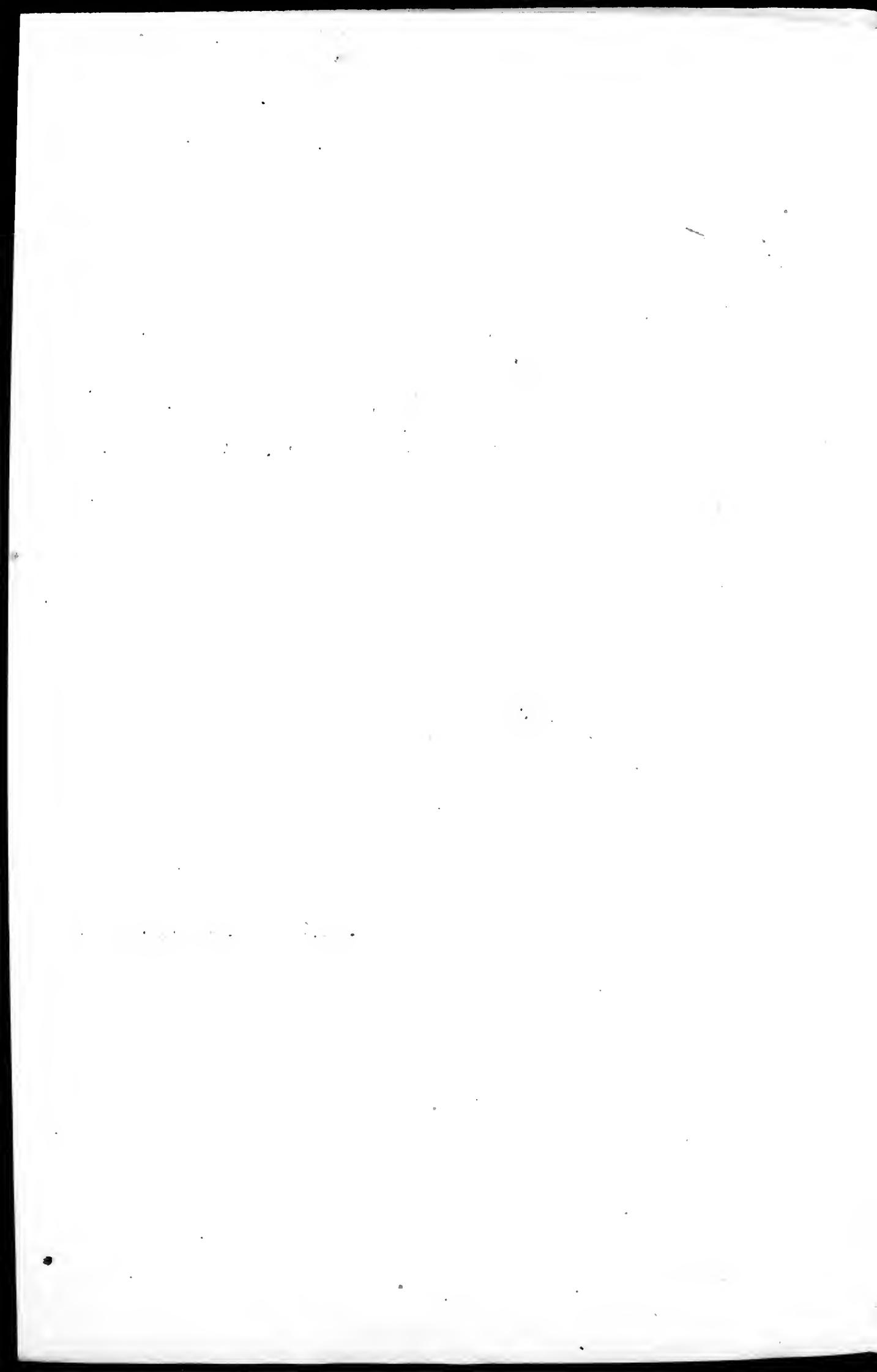
Troctes lacustris, ~~repens~~.

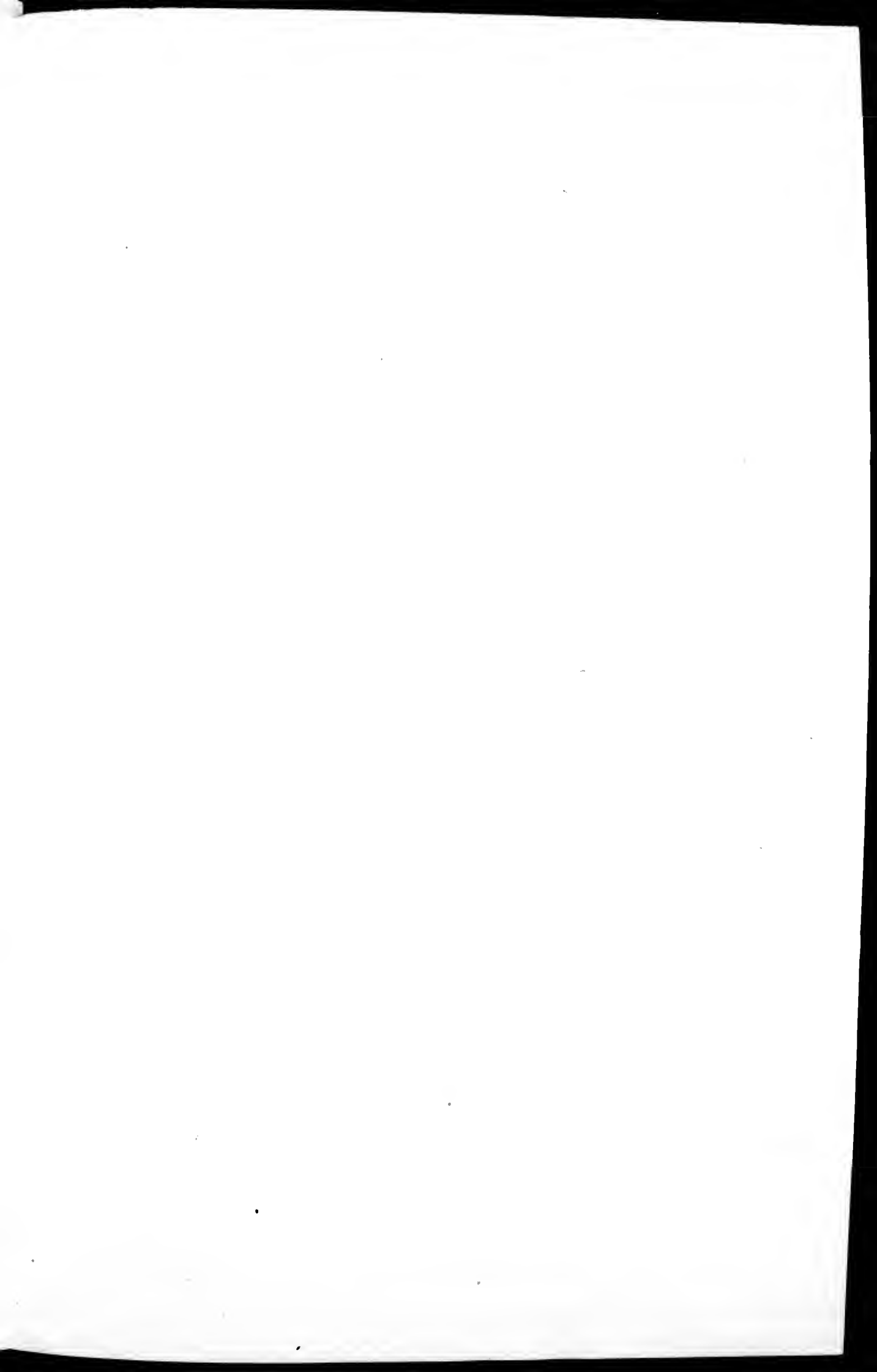
Azolla Caroliniana

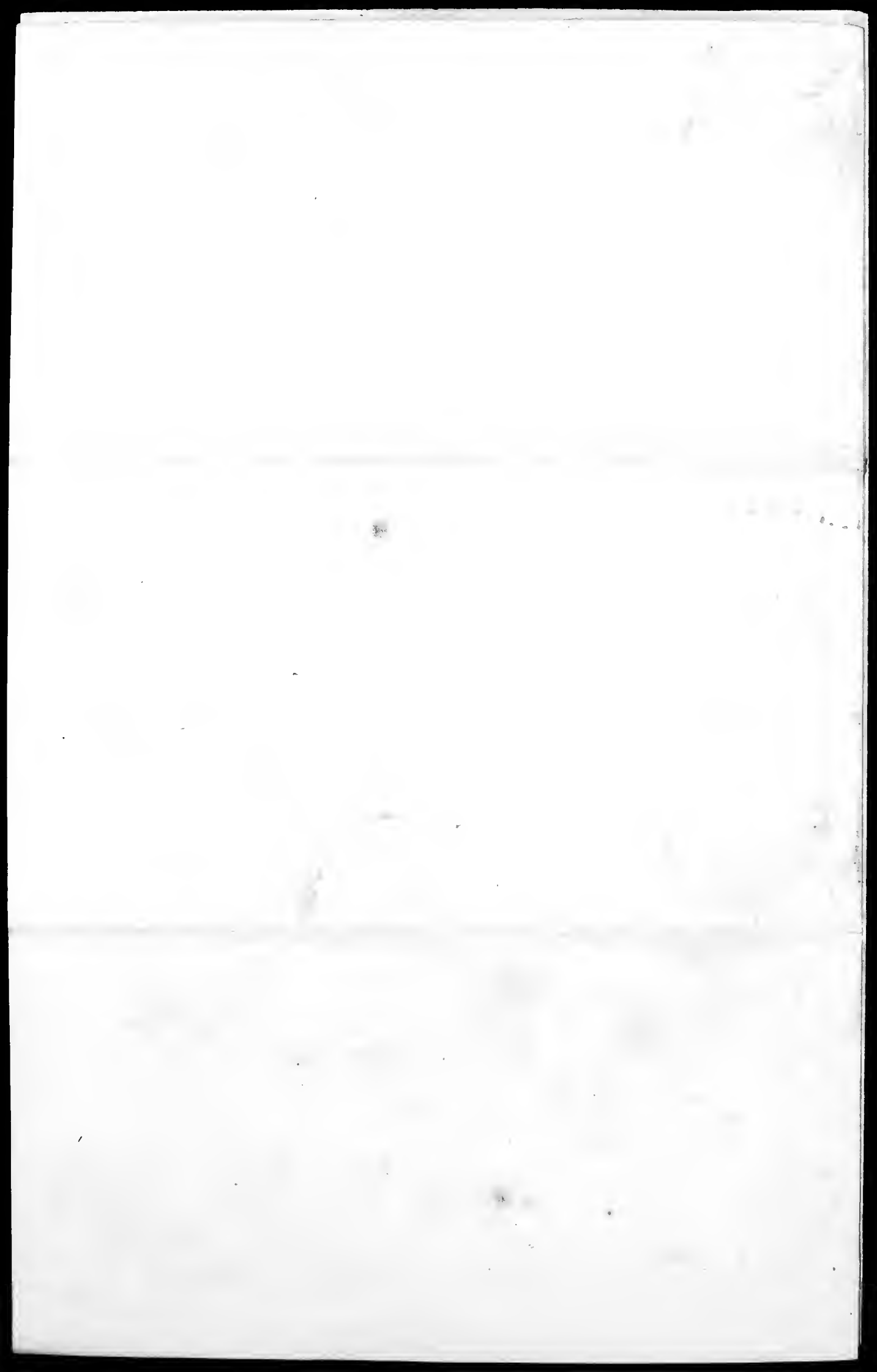
Massilea villosa (Kaulfuss) tenuifolia

Today I have a letter from Mr. C. Lanning with some
more European mosses. Some of his family have been
ill.

Most respectfully yours
Daniel C. Eaton.







Ans. Sept. 22 1857.

Sept. 19. Saturday. 6 P.M.
New Haven.

Dr. Torrey,

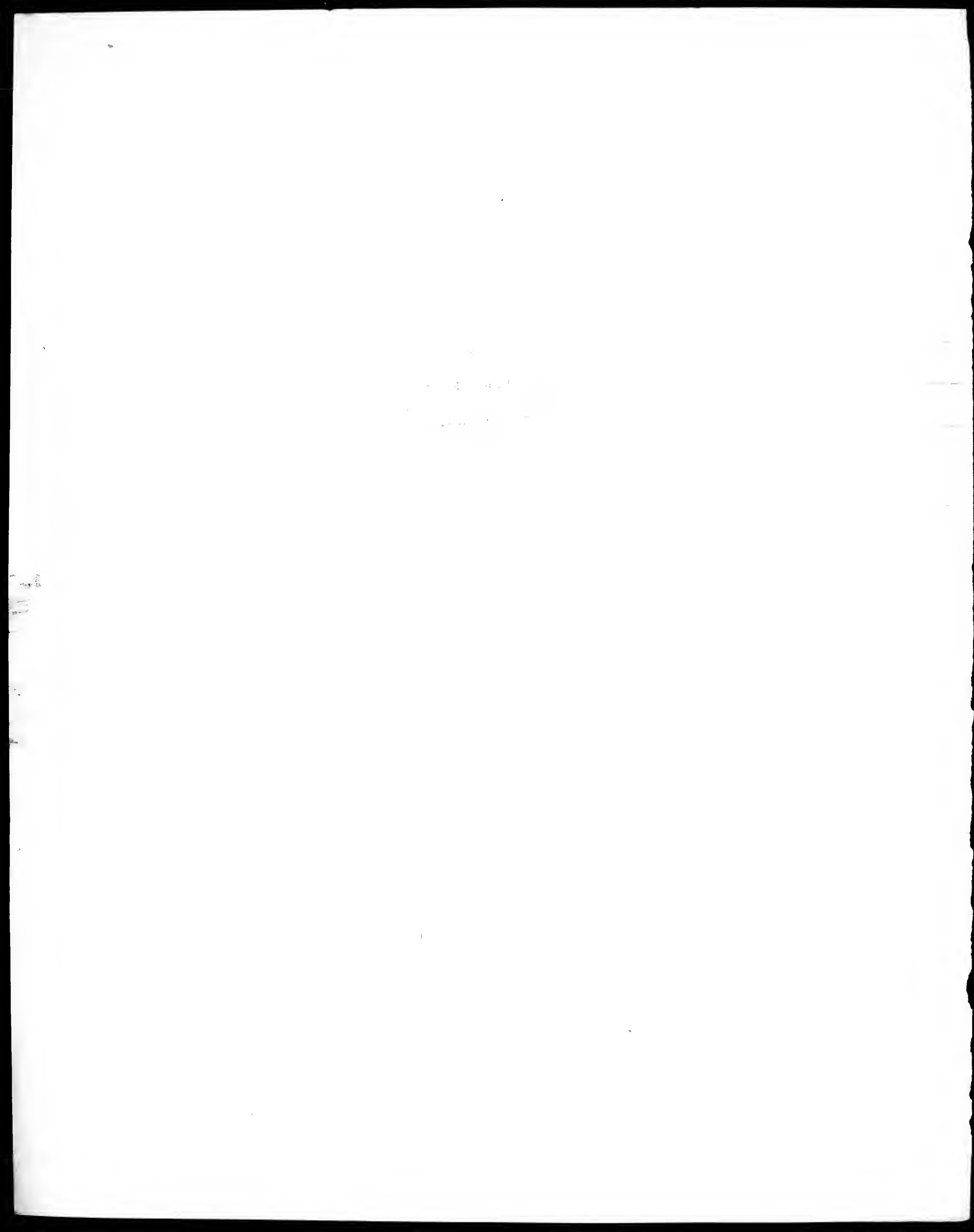
Dear Sir.

Among the plants I brought home the other day is a *Cheilanthes*, collected by Dr. Newberry on the Cascade Mountains & in California by Dr. Bigelow, that is nowhere described, although very distinct and well marked. I wish to publish it as *Ch. gracillima*, but as the report of Wright's Expedition is printed I don't know where to put it. What shall I do with it?

I have not all of Wright's numbers. 822. 824. 5. 6. 7. 8. 9. of the first expedition, and 2113. 5. 6. 9. 20. . . . 5. 7. ^{of the second.} are wanting.

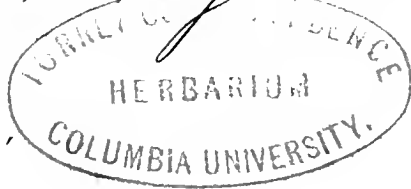
Hooker's *Cheilanthes vestita* I want to separate from that of Swartz, and to call it *Ch. lanosum*. (*Nephrodium lanosum* Me). The real *Ch. vestita* I have from N. Carolina, & it is very different from Hooker's plant. I can see no difference between *Ch. Alabamensis* & *Ch. myriophylla*. & think there is none.

Very truly & respectfully yours
Daniel C. Eaton



and
Jan 1. 59 Cambridge Dec. 13. 1857.

My dear Sir,



Not being at home
your kind letter of the 9th inst.
did not reach me till this
morning. I will be very
glad to overhaul and name
the Atrato Ferns, and I have
written to my Father asking
him to call and get them.

I expect to go home at
Christmas time, & shall have
plenty of time this Winter
for this collection. I have
been studying out a collection

of plants made three years ago, in the Andes of Quito by Mr. Couthouy for Dr. Gray.

There are several hundred in the collection. I am now in sight of the last of them & shall be done in a few days. A set of the duplicates are intended for your herbarium, as a contribution from the good

Dr. Gray.



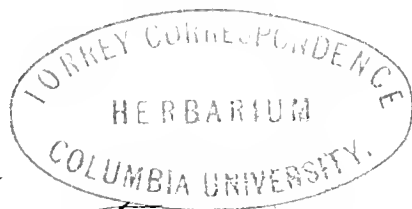
Very respectfully & truly yours.

Daniel C. Eaton.

Dr. John Torrey.

New Haven, Dec. 17. 1857

Dear Dr. Torrey,



I return you four volumes of *Linnaea* with many thanks for the use of them, and send the results of my studying over Wright's Cuban Ferns. I have 160 nos. of them, and have ventured to recognise 101, to guess at 12, and have left undetermined 47. Some of these will be new. Nos. 774 & 775 may be transposed in my set.

I will send my list to Hooker for corrections and additions. Mr. Holton's ferns I should like to keep a little longer if you can spare them.

You will notice in this list that
Dr Gray & Mr. Wright have mistaken
a hepatic for a species of *Trichomanes*!

V. no. 910.

With all good wishes suited
to the coming season I am

Most truly and respectfully Yours

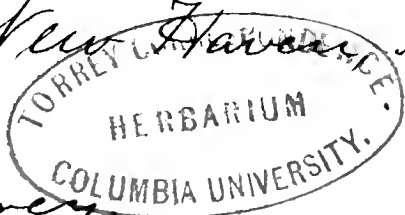
Daniel C. Eaton



If you see the proof sheets of the
New Mexican ferns please see that
'Gymnogramme Triangularis' is spelled
as here.

Am

New Haven Mch. 4.



1858.

Dear Dr. Torrey

I have compared your set of Wright's Cuban Ferns with mine, & found about a dozen wrongly numbered or not at all. These I have numbered correctly. I have also looked over the set of Holton's ferns, & have put with them a new list with a few corrections & additions to the one furnished.

I should be most happy to accept your kind invitation, but have already arranged to pass a while at Cambridge, partly under the hospitable roof of Dr. Gray. I thank

you for the invitation,
& hope at some time to
avail myself of it.

Any dried plants that
you may have for me,
as you say, I shall be
glad to get, & will be
very grateful for. My
herbarium now fills
about 50 pigeon holes, each
4 inches deep & must contain,
exclusive of mosses not
far from 2500 species.

I have no idea of stopping
at Cryptogamia or at descrip-
tive botany. I wish to be
not only a thorough botanist,
but to have some acquaintance
with other departments of
natural history. Still I can
do but one thing at a time,
and if each one thing is
done carefully I have a

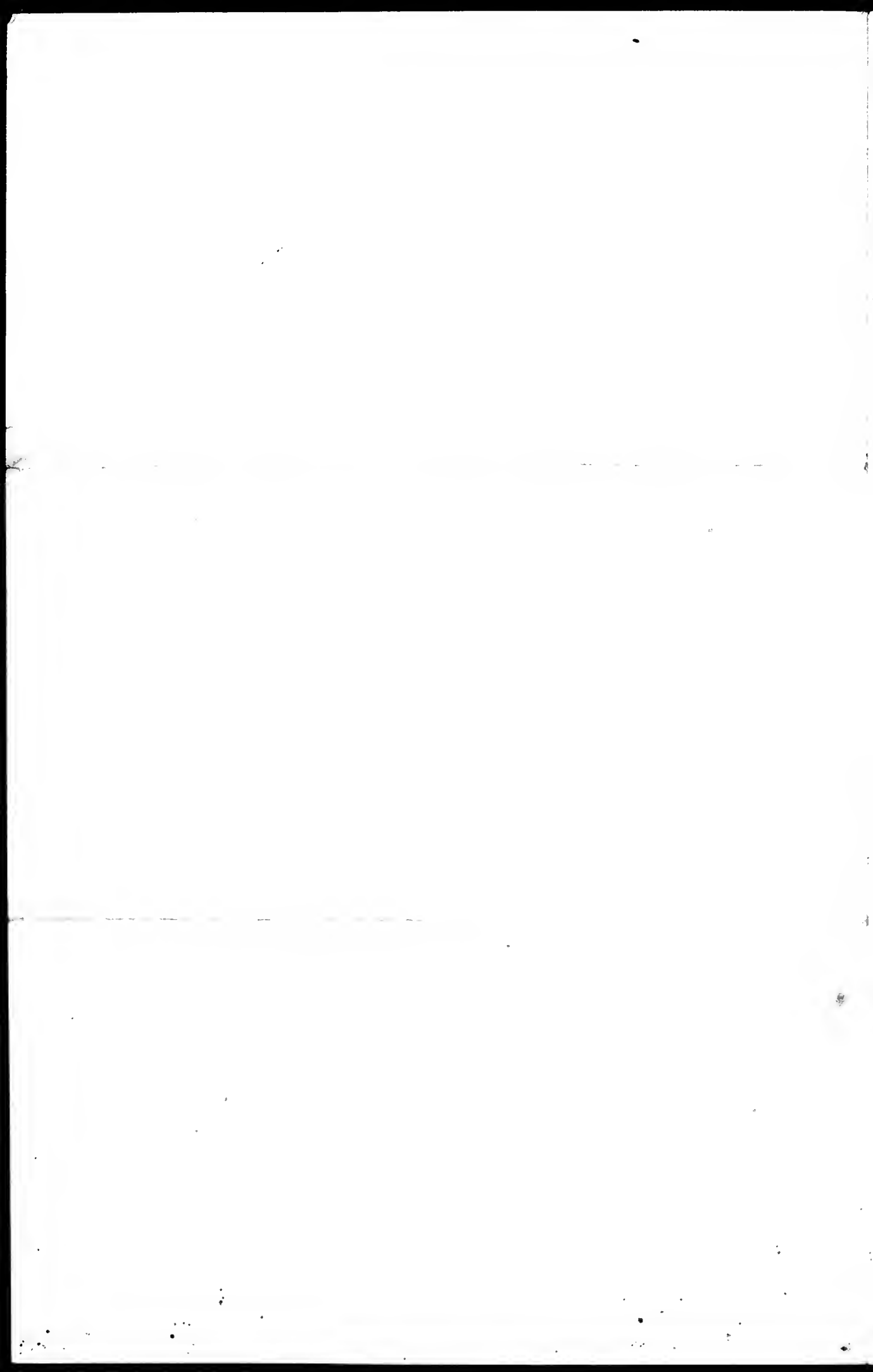
a good right to hope for
a happy result.

With renewed thanks
for all your kindness I
am most truly &

respectfully yours,

Daniel C. Eaton.





Cambridge - Mch. 24 - 1858,

Dear Dr,



Thanks for the promise
of some of Whipple's specimens.

The "Century of Ferns" you
ask about is a selection from
Hooker's Icones Plantarum,
on somewhat larger paper.

It is an inconvenient thing
that the numbers of the same
plates in the Icones are
not given in the Century.

I had a copy of it, but
gave it to a fellow going

to the Sandwich Islands,
on condition that he
should send me ferns &
other plants. I am having
a fine time here in Cam-
bridge, in Dr. Gray's house.
I have plenty ^{to} do to keep
me very busy. A large
lot of plants from Norway
from Prof. Blytt recently
reached Dr. Gray. He is
giving me all that he don't
want of them. Please say
to Thurber that the duplicate
grasses of the collection I will
send him before very long.

Dr. Gray wishes me to say that today he sent you by Express, paid, fifty copies of the letterpress of Engelmann's Cactaceae of Whipple's report, and would like you to have the lithographer add the plates & pack the whole in a box, and direct it to Dr. Engelmann as by the enclosed address

Most sincerely

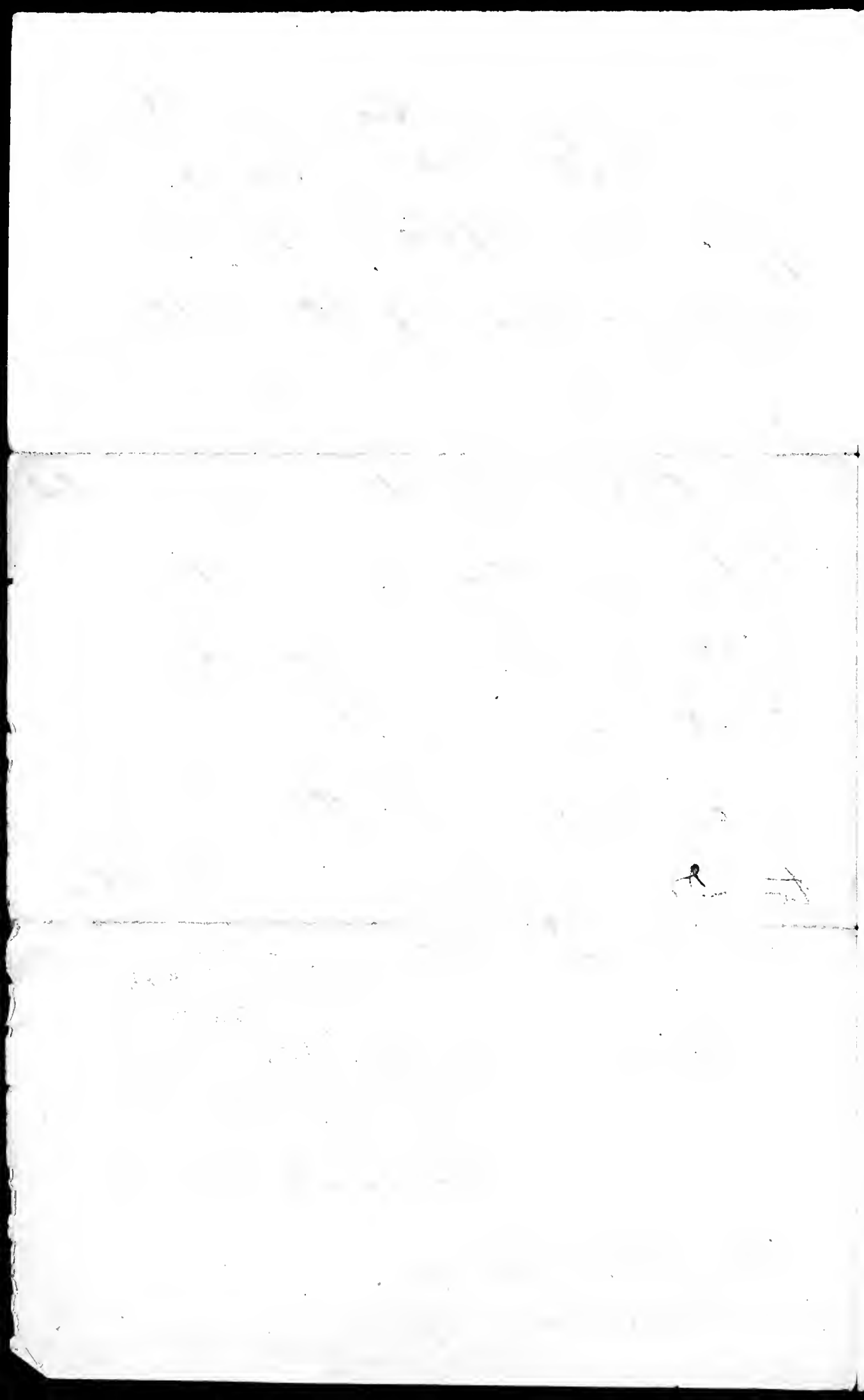
and respectfully Yours

Daniel C. Eaton

Dr. John Torrey

U.S. Assay Office
N.Y.





New Haven, Jan 7, 1859

Dear Dr. Torrey,



I shall be glad to see Mr. Schott's set of the *Atrato* Ferns, for many of yours are not in fruit, and many are fragments too small to be identified. I like to study Ferns, but I like good materials. I suppose that Dr. Gray will send you the *Quito* things soon.

My trunks were so full
that they would hold
no more, or I would have
asked to bring them.

I shall be greatly
obliged to you for the
copy of the Mexican Boundary
Botany. By its help I expect
to get names for many
things in my herbarium
that are now "incertæ sedis".

I expect to stay at home
all the winter, & not

go back to Cambridge
till summer.

Last evening Prof. Silliman,
Senior, gave me some old
letters of my Grandfather.
One of them, dated Feb. 30. 1819
speaks of "Dr. John Torrey of
N.Y." in connection with
some strange earth resembling
baryta, & says I presume
you know him to be one of
the most persevering nat-
uralists and Chemists in
our country!"

May you live to
enjoy the same good
name many years

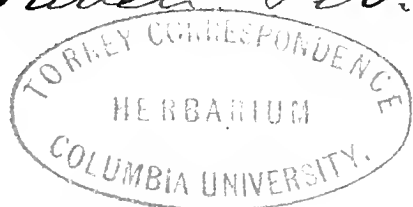
to come - and then a better
name than this world can give.
Most sincerely yours.

Daniel C. Eaton.

Dr. John Torrey
New York.



New Haven Feb. 14. '59



Dear Doctor Torrey,

These four
numbers of *Linnaea*
were enclosed to me
in a parcel from Dr Gray,
with the request that they
should be sent on to you.

My Father takes them to
N.Y. on his way to Washington,
where he goes for a few
weeks, being appointed on
a board to devise

1000

measures of economy for
the Army.

Very respectfully

& truly yours,

Daniel C. Eaton.

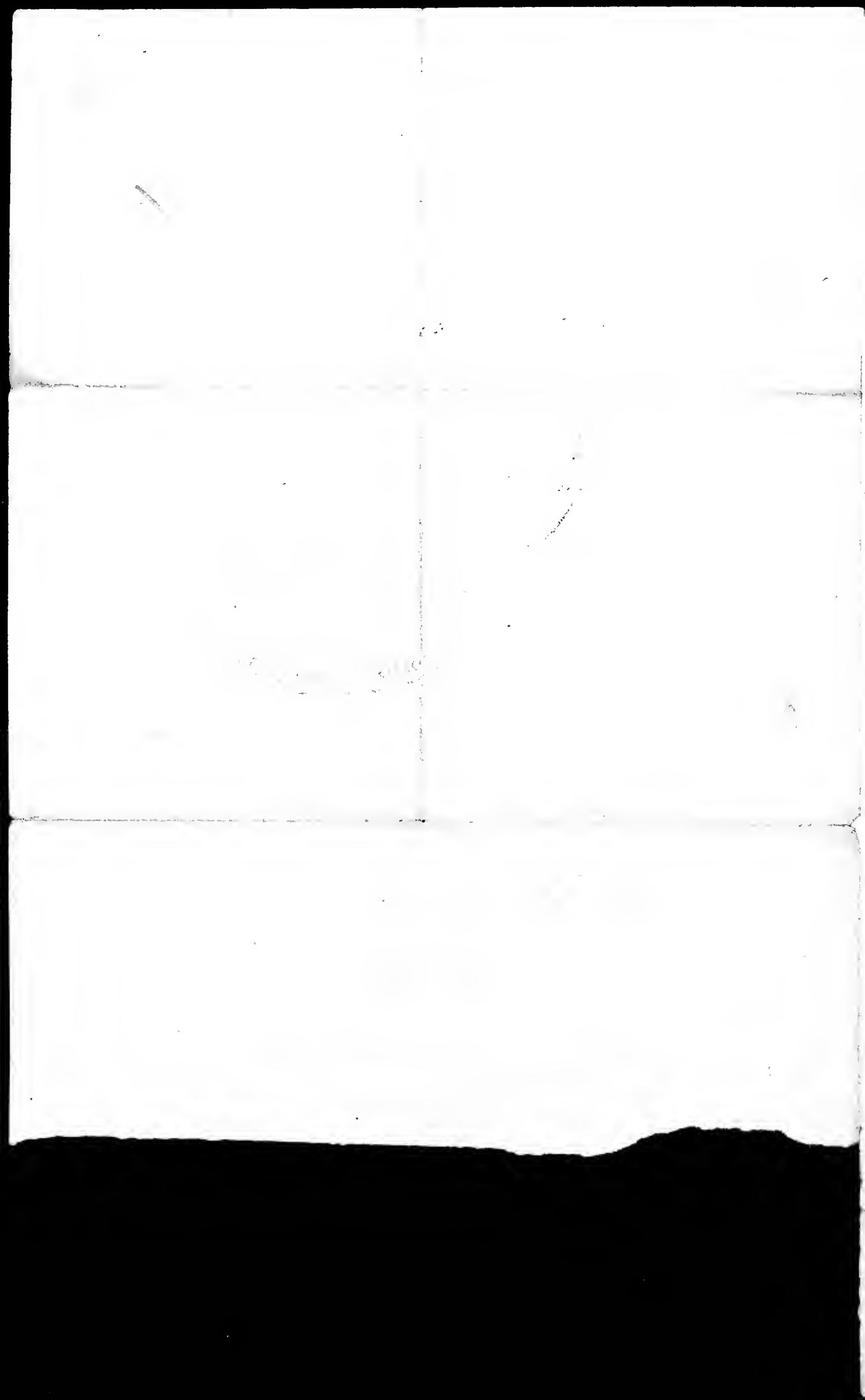


Dr. John Torrey

U.S. Assay Office

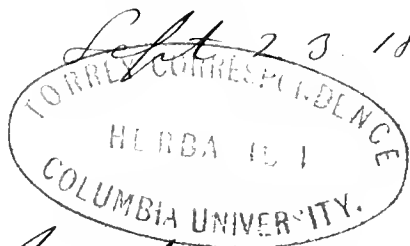
30. Wall St.

N.Y.



New Haven, Connecticut,

Sept 23. 1859.



Dear Doctor,

Making out the catalogue of my herbarium has been rather slow work, and it was completed only last evening. The Carices I have marked plenty (✓) even when I have but a little scrap to show. Most of them came from Dr. Surtwell, & I shall be glad to get any of them again, except a few with a double mark (✓✓).

I have prepared also a list of the plants I have found

in Connecticut. Of three quarters
of these I have duplicates on
hand, and will be glad ~~to~~ to
supply you with any that
you may mark as desiderata.

I am presently going to Cambridge
for two or three weeks, & when I
get home again I will go to
work at the distribution of my
duplicates. The specimens
of plants of C.C. Parry's collecting
that you sent me the other
day I was very glad to get.

Platystigma lineare was, I believe,
the only one of them already
in my herbarium.

I am much obliged to
you for them.

I have also to thank
you and the ladies
for the more than abundant
hospitality that made my
stay at Eagle-nest so pleasant
to me. I have rarely enjoyed
a week so much as I did
that one on the Palissades.

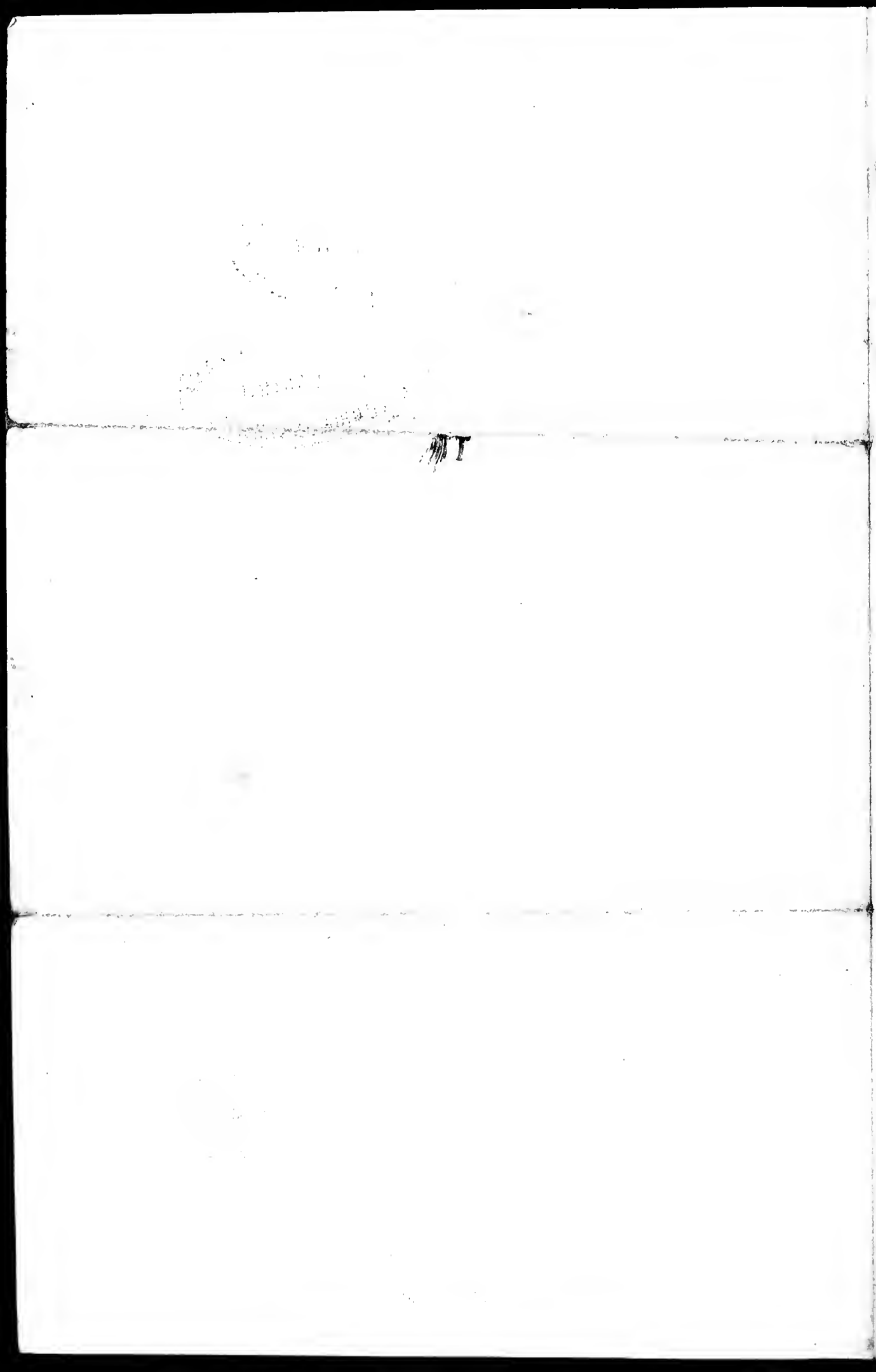
Please give my best
respects to the Misses Torrey,
and believe me

most respectfully,
and truly Yours,

Daniel C. Eaton.

Dr. Torrey.







New York, Conn.

Nov. 27. 1859.

Dear Dr. Torrey,

Since I sent by my Father to you, asking about Seemann's Botany, I have received a copy of it from Dr. Gray.

I am sorry to have put you to any trouble about it.

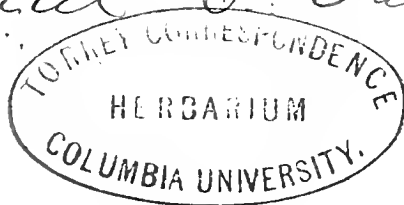
In a few days I shall

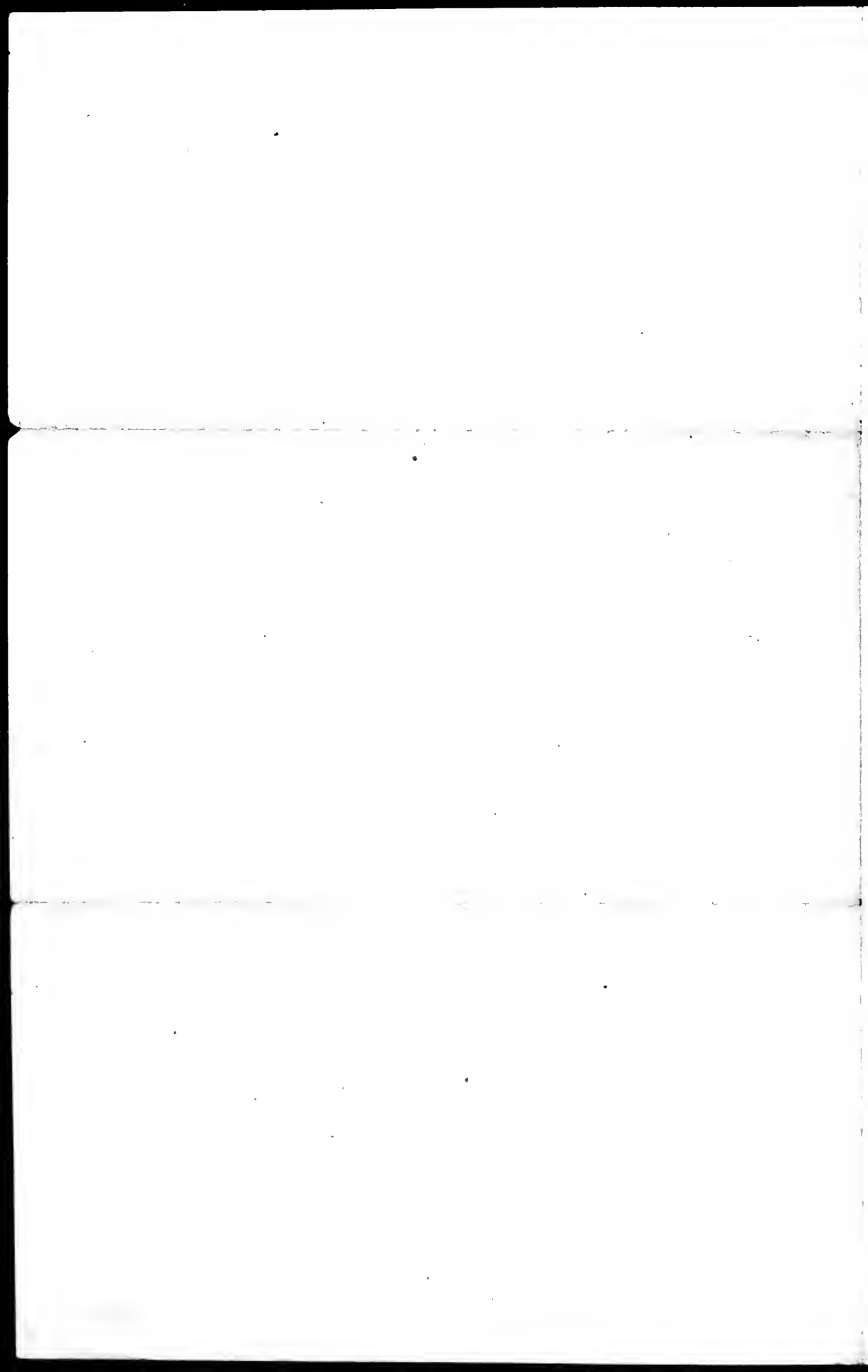
commence the distribution
of my last season's
collections, and would
like to have before me
a list of your diside-
rata. I sent you a list
of New Haven plants some
time ago. If you will
return it with marks
at the species you desire
it will give me great
pleasure to select them
for you. My collections

make 18 bundles
containing not far from
4500 specimens of about
500 species, so that
I have plenty to spare.

Please remember me
most kindly to the
young ladies of your
household, & believe
me most sincerely yours

Daniel C. Eaton





Recd. Jan 20th
and " 21st



New Haven, Connecticut.

Jan. 17. 1860.

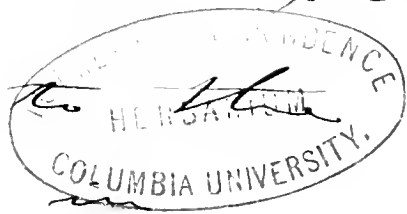
Dear Doctor,

I return you
many thanks for the
package of plants sent
me the other day. Many
of them are entirely new
to my herbarium, and
all are very welcome.

I am about to dis-
tribute my Connecticut
collections, a catalogue

of which I sent you some
time ago. I hope there
are some things among
them that you would
like; and if you will
be so kind as to indicate
your preferences on the
catalogue I sent you
it will give me great
pleasure to select the
specimens for you.

Please remember me
most kindly to the
young ladies



St. Mark's Place.

Yours sincerely,

Daniel C. Eaton.

Dr. Torrey.

New Haven, Connecticut.



Dear Doctor,

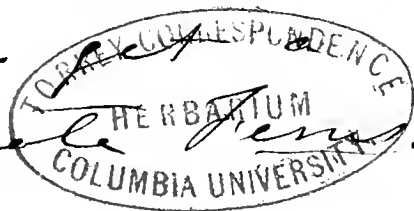
I have your
two letters of Jan. 18 & 21.

The former was directed
and sent to Professor
S. F. Baird, & by him
returned to me!

You are very good to
send me plants and to
promise me more; and
I hope you will eventu-
ally find some vacancies
in your herbarium for me
to fill up. When I get
time I can easily make

out a manuscript list
of what I have of
the plants in Mex. Bound.
Botany. I have not many
of them. I should be
glad to render any
possible aid in arranging
the Smithsonian herbarium.

Dr. Gray wishes to
have the U.S. Expl. Exped.
(Wilkes) plants overhauled
& glued down by & by. &
says that I may
set of the duplicate *Herbarium*



Yours sincerely,

Daniel C. Eaton.

