


Recd. Dec. 17. Fort Troup Louisiana Nov 11<sup>th</sup> 1836

and 194

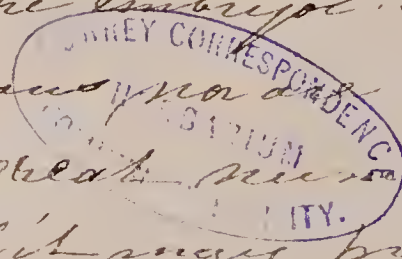
Although we have never been correspondents, I presume  
a letter from me will not meet <sup>an apology</sup> ~~an apology~~ <sup>your</sup> ~~your~~ <sup>excuse</sup> ~~excuse~~  
I have long been acquainted with your labours in the  
department of <sup>the</sup> Natural and especially so, as related to  
to the beautiful science of Botany and it is not too  
much to say that you have been one of the most  
efficient of the American Botanists. I have just  
received a letter from Professor Short of the Transylvania  
University informing that you are preparing a  
large General Work upon American Botany.  
Such a work is greatly needed and by collecting new  
Genera & Species, embodying in your Work detached  
descriptions of American Plants you will confer a  
signal benefit upon all cultivators of the Science.  
It will certainly <sup>require</sup> a great amount of <sup>strenuous</sup> labour  
to do it in the manner I feel confident that you  
will do it. At the present time a plant  
maybe found which is not described in any work  
in our possession, yet one cannot say but that some  
other individual, may have met with and described it.  
This difficulty I have felt on more than one occasion.  
At what time do you contemplate publishing the  
proposed Work? This enquiry I am interested in as  
it is my wish to throw into your hands as great  
an amount of materials as possible. For this purpose  
my position is and has been for some years past  
favourable for some years past. The whole of the  
last Spring Summer & Autumn were spent in  
Florida. With the exception of this interval the last  
5 years have been passed at Fort Troup in Louisiana  
or in this State. I have spent one Summer in the vicinity  
of the mouth of the False Washita one of the large  
tributaries of Red River & during the time extended  
my travels to the Cross Timbers 35 miles farther to the  
west of them on this frontier I intend to spend a portion  
of the next Spring in exploring the vicinity of the Sabine  
and the adjacent parts of Texas

Please to consider me as a subscriber for your work

Dr Short wishes me to forward him specimens of any plants  
for you. I cannot forward at this time, so making as  
Swift's desire to see Upon leaving Fort Towson a twelve  
month since. Swift's not readily transport my collect-  
ions from that post & have not yet received them, but  
trust I shall do so in the course of the winter ensuing  
in which case I can furnish you a few plants which  
I have never forwarded to Short because I have not  
more than 2 or 3 specimens of each. Among others a plant  
bearing an affinity to the Clove with an obcordate  
Siliqua on a thread like stipe of half an inch in length  
shaped thus  The plant is simple leaves  
linear or lance linear flowers in a terminal raceme  
This was collected & given me by Mr. Bequith & if undescribed  
might be named after him. Of the selections made  
from my Herbarium upon leaving Fort Towson I have  
for the most part not more than one or two  
specimens with me. But if I do not receive the plants  
from Towson in such time as to meet your views  
I will forward you all the specimens I have in hand,  
with such notes & descriptions as I took from the living  
plant and also my Florida plants some of which  
I deem undescribed, exacting only the condition, that if I  
should by any contingency loose the collections at  
Fort Towson, all except the Florida plants should be  
considered as mine after you have fully availed  
yourself of them. I have at my father's at Waterbury  
in Connecticut a portion of collections made in former  
years & among the number some interesting plants  
& collected over a wide extent of country. These plants  
I have not seen for more than 5 years. I know that  
they are not put up as they should be nor are there  
notes & memoranda that should accompany  
them. Still your experienced eye may detect something  
new or interesting. I am too much in the habit of  
trusting to memory. If you approve the desire I will  
request my father or brother in law who does business  
in the City of N York to see that they are delivered  
to you. I hope you will be able to avail yourself of the collections  
of S. Elliott Esq. I know there are undescribed plants in his  
herbarium a few of which I forwarded him myself.  
Dr. S informs me that he had sent you some specimens

The copy for the name of the bird is stored in the  
height of 80 feet & is 7 or 8 in. high in diameter

received from me. I am glad that he has done so  
He gives me a transcript of your observations upon several  
plants and mentions two to which you propose applying  
my name. I have decided that the rigerum was new  
the flowers of the recent plant are pale purple & pretty, it is  
one of the earliest of the spring flowers & continues in  
flower until May & June, The *Eriogonum* I also deemed  
new. The small tree or shrub (for it is found in flower in  
both states) which you deem a *Sapindus* (if *Sapindus*  
it be) is not the *Sapindus Sebiferus* of Elliott, I write  
a description of the inflorescence taken from the living  
specimens which accompany Dr. Short's specimens  
I shall request Dr. to transcribe it for you if he has not  
done so; Compared with the *Sapindus*. The fruit is not  
a capsule but a drupe of the size & appearance of that of  
the *Melia Azadirachta*. The embryo is somewhat trigonous  
but it is not - trygynous nor are the flowers hermaphro  
ditic but in all of the great members of trees that  
I have seen Succorans, still it may prove Polygamous  
the male flowers differ from the female very considerably  
I have but two specimens at hand both females the  
barren trees are the most numerous, Pinnae are  
less than 7 pair sometimes 9 pair most frequently  
8 pair Elliott's *Sapindus* is Pinnate. Petiole not winged in  
the least degree - *Opolotheca Floridae* This plant I  
examined with extreme minuteness & had the living  
plant in hand. I do not think of referring it to  
the *Simar* class Monadelphica I think it should  
not be placed in this class I have many specimens  
gathered in Florida the past season. The Arkansas Plant  
is much more densely tomentose than that of Florida  
& a well marked variety if not species. I found the  
Plant in 1870 in Mt. S. ... .. but was not  
described in any work that I have, I have since forwarded  
Dr. Short's specimens I have found a description in Nuttall's  
Genera which work I had not at the time. Banks of  
the River in State of Texas Parish La. yellow flowered  
succiferous plant - Found in Texas & abundantly in wet places  
of the Prairies in the vicinity of Fort Gibson. Found in 1871  
in Jefferson County Alabama. I have thought there is two  
species, in some localities the plant are found without stems  
in other places all the specimens are more or less caules  
cent. Plants found in Alabama had not formed the drupe  
they were stemless I have no specimens from there



I have but ~~two~~ specimens but shall have many more  
 when my plants arrive from Dr. T. J. Townsend  
 Dr. Hale of Alexandria has made extensive collections of  
 plants in the vicinity of Alexandria & other parts of Louisiana  
 I have a seedling of *Phlox* leaves *harmosa* at least  
 1/4 grown in thickness - (as strictly *carolinensis* the house looks

Professor John Torrey

New York City

DAILY CORRESPONDENCE  
 HENRY W. HENRY  
 COLUMBIA UNIVERSITY  
 110th Street, N. Y. City  
 No. 110th Street

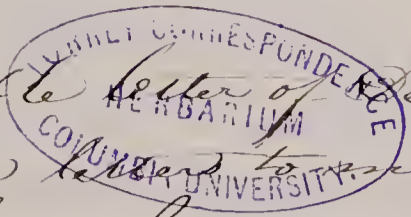
I shall be anxious to receive a letter in reply to this  
 you may make I shall be pleased to learn  
 John Torrey, M.D.

Lower leaves cordate or renate subcordate nearly entire or  
 lobed. Superior leaves ternate lobed or lobed. Both leaves  
 & flowers extremely deciduous. In drying there is not a  
 single leaf in situ. Can send a specimen such as it is  
 Have you seen such a species?

Wed. Feby. 21

Wed. - 21 Camp Sabine La. Jan'y 22 1837 (Louisiana)

Dear Sir



Your very acceptable letter of Decr 18<sup>th</sup> 1836 was received yesterday. Yours former to me were not received,

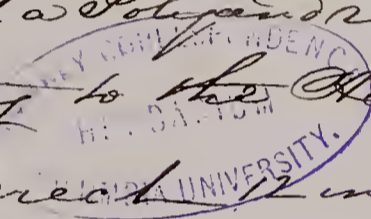
& I sincerely regret that they were not. The one of Oct 1836 was probably forwarded to Florida as it was not then known that I had left there.

I am happy to inform you that since the time I wrote to you I have found the box of plants from Fort Towson in Statchitoches & that contrary to my knowledge & contrary to the assertion of those in charge <sup>whom</sup> they were they had been there for a length of time.

I shall therefore as soon as it may be in my power prepare as full a collection of all my plants that I deem that you will be interested in as the condition of my Herbarium will admit. Of the Florida plants I will send you the whole reserving to myself a single specimen. To each plant I will append such remarks as may suggest themselves together with the time of flowering & their location. I have made collection of such grasses as have come under my notice & have a number which I think are not described in any work to which I have had access. Of the Cyperacea I have not a great variety a defect which I must as far as possible remedy the ensuing summer. The Canes are far more numerous in Louisiana than any other of the Southern <sup>states</sup> I found them particularly abundant on the inundated Banks of the River & also in the Prairies of Oplousas. They do not greatly abound on the Prairies of Arkansas. There are many canes among my collections made in Connecticut in the Summer of 1831 but probably none

My specimens of *Cleome* are very good ones

that are undescribed. I shall feel extremely gratified in receiving your Monograph of the Cyperaceae. Please to forward it by mail to Fort Jessup. This family has greatly needed illustration. I have never seen your descriptions of the Rocky mountain plants. indeed I have laboured under great disadvantages from the detached form in which descriptions of plants have from necessity been published. Nuttalls Flora Ark is a very important aid but not all that is desirable - The plant received from Mr. Bequest might be very properly named *Cleome*. I think highly probable that Decandolles plant is the same I have 3 species of a Polypandrous Genus bearing a strong affinity to the *Acacias* & *Mimosas* the plants are erect 12 inches to 2 feet in height Leaves pinnate Pinnas 15 to 20 pair. Flowers white The Genus is not in Nuttalls Flora of Arkansas is among Dr. James Plants - A yellow *Acacia* noticed in his book was found by myself in the Prairies of Alabama in the year 1820 I have since seen it both in Louisiana & Arkansas Fort Jessup is 21 miles from this on the main road leading from Natchitoches to Nacogdoches in Texas. Saw at present within six miles of the Sabine & if I remain here I can explore the adjacent parts both of Louisiana & Texas. I have requested a month furlough for the purpose of exploring both Texas & the Western part of Louisiana so far as may be in my power. I shall probably take a circuit the 15<sup>th</sup> of April & the 15<sup>th</sup> or 20<sup>th</sup> May a season of the year which I deem most



interesting of any. In conformity with your request I shall  
immediately write to Dr. Hale - Some general account  
of the section of country in which I saw an many  
prove interesting (my knowledge is only partial)  
That portion of the Parish of Watahitoches south of  
Red River after leaving the immediate valley of that  
River becomes hilly & broken & is of the formation  
termed secondary by Geologists. The most prominent  
Rock formation is Sandstone & in this vicinity the  
Old Red Sand Stone abounds upon the highest  
elevations. Another Rock formation is Siliceous Rock  
containing lime found in the bottoms & on the sides  
of the runs of water. In this vicinity the country  
is extremely broken & the ravines between the hills  
deep. Coal is found by in the bank of a creek  
15 miles of Watahitoches best of good quality. It is also  
found near the Sabine in the bottoms & Banks of  
Creeks & also in the Banks of the Sabine. Within 3  
miles of this is a salt Spring (a very abundant one)  
Salt has been made at it in a rude way. It arises  
in a flat Prairie containing 15 or 20 acres & forms a  
brook of considerable size. The Grapes resemble those  
on the sea board & many some of them be the same.  
The plant I denominated a Rhue in my last  
from recollection is probably an Ampelopsis. It is a  
scandent plant & supports itself by tendrils. found  
in a copse of low bushes, I send a specimen of  
the diandrous plant the only perfect specimen  
that I have left. I gave many specimens to Nuttall  
Dr. Wray Dr. Boyken & others - I have an opportunity

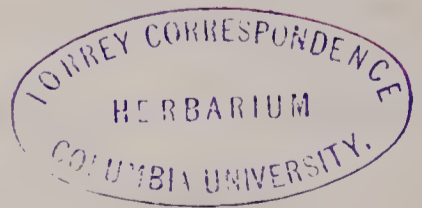
to be stationed in St Orleans but the scientific  
objects I have in view will cause me to decline it

Forump in  
25 Jan 1837

25

John Torrey M.D.

New York City



Please to write to me & direct to Fort Jesup La  
John Torrey M.D. Very Respectfully  
Yrs Geo. M. Beavenworth



Recd. Apr. 24th - Camp Sabine Louisiana  
Arrd. May 16

March 27 1837  
HERBARIUM  
COLUMBIA UNIVERSITY

Dear Sir your letter of the 22<sup>d</sup> last month came to hand by the last mail & has afforded me much pleasure in perusal. Near the close of the last month I wrote to you from Natchitoches informing you that I had prepared a collection of specimens to be forwarded as far as New Orleans for Mr. Henry & I presume that the box containing the collection is by this time in New York at least I hope so. but I have not yet heard any thing concerning it I was very particular in urging upon Mr. Henry the necessity of being very particular in notifying you in relation to the vessel upon which he might ship it. I am afraid I have not been so particular in my remarks as you may think desirable I have however endeavoured to make such remarks by way of illustration as I deemed important. At the time I was at Natchitoches I was a good deal afflicted with an old enemy the dyspepsia; indeed my leave of absence was not of such length as to enable me to do all that I desired to do. I did not forward my Louisiana plants for the want of time; but I do regret this as in the course of the season I shall augment the collection

Mr. Drummond visited Texas the same season that I was engaged in traveling thro' the Prairie Region of Arkansas I mean that portion of it from its commencement about 100 miles this side Fort Towson to the Great Timbers 130 miles west of that place

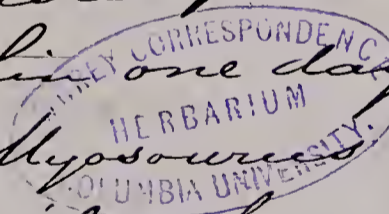
Find that Mr Drummond met with some of my new plants. This might have been anticipated as Texas is also a Region of Prairies. Among others the *Penstemon Maryanus*, *Veronica gracilis* & *Cooperia* published by Dr Hooker in Curtis's Botanical Magazine - Of these I have forwarded you specimens. The scape like stem of the minute plant you designate *Amphianthus pusillus* does not take root but is undoubtedly natant after rains. In the only locality in which I found it; it was so abundant as in a great degree to exclude other plants. -

I thank you for forwarding your *Cyperaceae*. It will be of great use to me. I hope it will come safely to hand. - I have not yet heard from

Washington in relation in relation to the fur lough if obtained. I think I want to not await myself of it before the 11<sup>th</sup> or 15<sup>th</sup> May provided I am likely remain on this frontier so long. In mean time I may extend my rambles as far as Stogadaches or even a day's ride beyond. From this to Stogadaches is two days journey. The locality where I first found the cruciferous plant & some other interesting species is within one days journey.

Yesterday found the *Myosurus* in a field that lies fallow about 2 miles from this I have 15 or 20 fine specimens & enclose one. I have also an *Erum* which I am inclined to think undescribed. The *butyrus Clipterum* of Elliott is the only thing that I have not before met with without the one species of *Carex*. This is the third season that I have spent in Louisiana.

At the request of Professor Short I have kept a floral calendar which I will transcribe & forward you as it may not be entirely uninteresting to you.



Floral Calendar of Plants found in March & Feb. 1837  
in the western part of Louisiana

*Houstonia Coerulea*  
*Poa Anna*  
*Acer Nigrum*  
*Sapocarpum*  
*Rubrum*

From 15<sup>th</sup> Feb. to 1<sup>st</sup> March  
the two first continue in flower  
until April or longer

*Hamamelis Caroliniana* 1<sup>st</sup> March  
*Gelsemium Stripedum* 1<sup>st</sup> March or sooner

*Laurus Benzoin*  
*Seneculata* February

*Sapofras* March 11<sup>th</sup>  
*Viola Schubertii*

*Quercifolia*

*Blanda*

*Pinnatifida*

*Papilionaceae*

*Pubescens*

*Pedata*

*Blanda*

*Lanceolata*

This family commence flowering  
the 1<sup>st</sup> Feb & continue flowering  
until May

*Alnus Americana*

*Fulva*

*Glabra*

1<sup>st</sup> February

*Alnus Incana* January

*Prunus Chicasa* 15<sup>th</sup> Feb to 10<sup>th</sup> or 15<sup>th</sup> March

*Amygdalus Persica* 1<sup>st</sup> March often by 15 Feb perhaps

*Cydonia* 15 March

*Sinapis*

*Brassicata*

The Turnip & Mustard survive the  
winter & bloom by the 1<sup>st</sup> March

*Caricifolia* 6 or 8 species. 1<sup>st</sup> to 20<sup>th</sup> March

*Ranunculus Pusillus* 1<sup>st</sup> March

*Abortivus* 10<sup>th</sup> to 20<sup>th</sup> March  
*Recurvatus*

*Anabis Rhomboides* 9<sup>th</sup> March

*Cretagrus Elipiceus* do

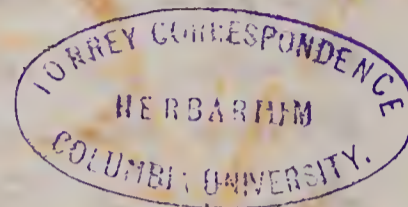
*Triglochin Virginica* do

*Veronica Peregrina* do

*Cercis Canadensis* do

*Sanguinaria Canadensis* 1<sup>st</sup> March

*Sanguinaria* is  
found at Natchez  
Texas but I have not  
seen it in Louisiana



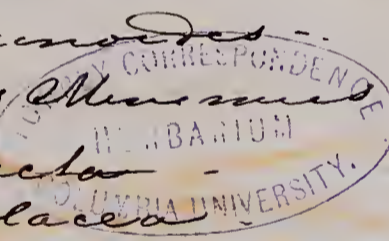
Hyacinthus } These Genera bloom generally towards  
 Forsythia } the close of Feb or 1<sup>st</sup> March  
 Lepidium Didymum } 1<sup>st</sup> March

Asclepias Purshii }  
 Prunus Virginiana } These Genera were all found in  
 Caroliniana flower between the 15<sup>th</sup> & 18<sup>th</sup> March

Ostrya Virginica  
 Carpinus Americana  
 Obolonia Virginica  
 Philox Amoena  
 Quercus Nitida

Tinctoria } This Genus (Quercus) commenced  
 Alba } flowering by the 15<sup>th</sup> Feb March  
 Aquaticus }  
 lutescens } at this time all the species are in  
 bloom S.E. 28<sup>th</sup> March —  
 Cereus  
 Phlox  
 + others.

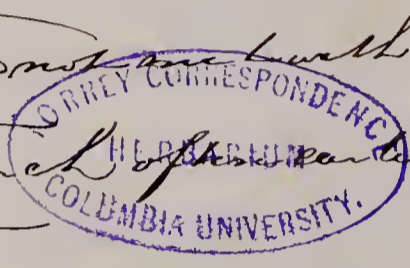
Fragaria Americana 15<sup>th</sup> March  
 Fagus Sylvestris do do  
 Sparganium Saginoides do do  
 Myosurus Minimus do do  
 Opalis stricta do do  
 Nulacea do do



Asplenium  
 Vaccinium Alba stemineum } 19<sup>th</sup> March  
 Cornubosum }  
 Carya Sulcata } do heavy —  
 Pinus Palustris } 27 March  
 Rigida } do  
 Plantago Virginica } 15 March  
 Siphonchium } 25<sup>th</sup> March  
 Rubus Villosus } do do  
 Trivialis }  
 Urtica Caroliniana } 15<sup>th</sup> March  
 Ervum  
 Allium Indoum } 15<sup>th</sup> March  
 Claytonia Virginica } 10<sup>th</sup> March  
 Dichondra Caroliniana } do

Omsted  
 Senecio campestris 1st March  
 Cornus alternifolia 27 March

Verbena Obolietia	3	15 <sup>th</sup> March	
Phlox Austriaca	2	26 March	
Cardamine Pennsylvanica	3	15 <sup>th</sup> March	
Cerastium Arvense	1	26 do	
Slopercurus Gemulatus	3	do do	
Hesperis Tricoloria	2	do do	
Trillium Saffordii	3	15 do	Shaw's next with only this species
Hieracium	1	26 do	
Melica Glabra	2	do do	
Botrychium gracile	2	do do	
Scutellaria Parvula	3	do do	
Vicia Bentifolia	2	March	not seen this year
Gastrolia Aurea	2	24 <sup>th</sup> do	
Tradescantia Virginica	2	24 <sup>th</sup> March	observed earlier than this
Senecio Lobata	—	11 do	
Balsamorhiza	2	21 do	
Eugenia Bichardifolia	2	27 do	
Plantago Pusilla	1	do do	Observed by myself in 1818 in S Carolina
Pinguicula Pusilla	3	—	March not observed this year
Fedia Radiata	2	—	do not seen this year
Mezma Macrocarpa	2	—	do do do
Sison Pusillum	2	—	Very early in March
Hypoxis Breviflora	1	—	do do do
Cynopous Distichia	2	—	February



The 6 last not  
 observed this year

This I think a somewhat complete catalogue of such plants  
 found in Western Louisiana as flower in Feb & March. The  
 season is sometimes somewhat earlier than this year. for instance  
 I have a great many flowers on the Peach tree in January  
 you will observe that the seasons are almost precisely those  
 of Charleston S Carolina. I shall continue my catalogue  
 thro the months of April & May if not longer

M. Leavenworth

Dr Tovey —  
 Enclose a piece or two common in Louisiana & Texas which  
 I am inclined to believe undescribed. Flowers in the specimens!  
 They never exceed 2.

Catalogue of Plants found in Western Louisiana  
during the months of Feb & March

Dr S's object is to ascertain the comparative time of  
the flowering of Trees & plants in the different parts  
of the Mississippi valley - The Gramineae are beginning to put  
forth their blossoms & soon the greater portion of the family  
that are found in this region will <sup>be</sup> in that stage that  
fits them for preservation - Texas is now in possession  
of the American population as far as the Rio Grande  
& the emigration thither is very great - If I get the  
proposed furlough I shall go west at least as far  
as San Antonio. So extensive a region can only have  
been imperfectly explored by Botanists whatever may  
have been their industry - I remain

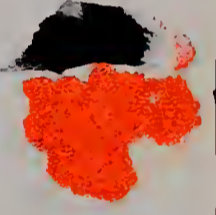
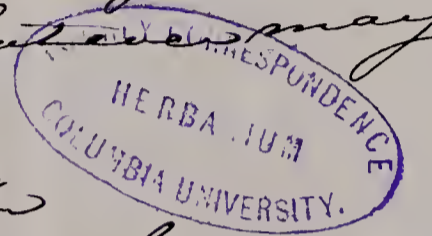
John Torrey M.D.

Esteemed Sir

Yrs Respectfully

W. C. Cockerill

Hope I may hear from you again soon. I wish  
to be considered a subscriber for your work -

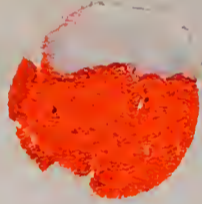


For lease of  
29 March '37

J. D.

John Torrey M.D.

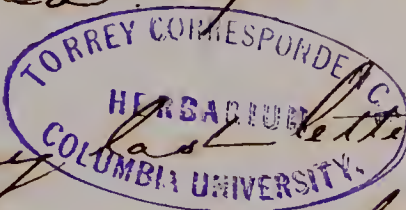
New York City





and May 16. Camp Sabine La. April 14<sup>th</sup> 1837

Dr. Sir,



At the date of my last letter, I did not know positively that the specimens of plants prepared for you had agreeably to my wishes forwarded to New Orleans, I have since learned that Mr. Henry took charge of them & I presume shipped them in conformity with my intentions & I hope they have been received by you before this time. Enclosed in the pamphlet a number of small plants which I trust may prove interesting to you. I have met with a species of Ranunculus & also an Erygeron which I think but little doubt are undescribed.

Sincerely yrs

John Torrey M.D. —

M. B. Leavenworth  
U.S. Army

1870

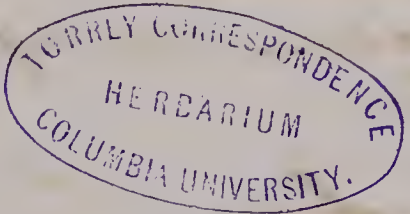
Dear Sir,  
I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above named matter. I am sorry to hear that you are unable to attend to the business of the office at present. I will endeavor to do all that is possible for you in the meantime. I am, Sir, very respectfully,  
Your obedient servant,  
J. S. [Name]

J. S. [Name]

Very respectfully,  
[Name]

Nuttall's W. cordifolia } This plant was first found by me in Montgomery  
 } by County Alabama in 1819 was introduced by me in 1819  
 } hence cultivated by Dr. Wray  
 } found in Alabama  
 } in 1819 not native  
 } of Georgia common  
 } in this vicinity

And Catalogue of Plants observed during the month of April 1837 in the vicinity of Camp Sabine Louisiana



*Crotagus Apiculata*  
*Spathulata*  
*Orizaba*  
*Lucida* & *Var*

*Orebanche Uniflora*  
*Hesperis Tropisnon* (Species worthy of further attention, found by myself at Augusta many years since & not met with by Mr Elliott)  
*Morus Nigra*  
*Platanus Occidentalis*  
*Halesia Siptera* - 5<sup>th</sup> common

*Rauvolfia Tomentosa* 5<sup>th</sup>  
*Aralia nudiflora* 11<sup>th</sup>

*Viburnum acerifolium*  
*Sentatum*  
*Sentaga*  
*Nidum*  
*Geranium Carolinianum*  
*Maculatum*

*Eriogonum Angustum*  
 1 Non-descript

*Asagalus Micranthus* } Sometimes since forwarded in a pair of plants

*Carex Supulina*  
*Oligocarpa*  
*Cherokeensis*  
*Oligocarpa*  
*granularis*  
*Cephaloiflora*  
*Suputa*  
*Serpoides*  
*Sagittoides*  
*Muricata*  
 1 Non-descript as I think

{ least *Oligocarpa* Fruit twice the length of the scape when mature }  
 Besides these there are two or three others which I have not satisfactorily determined

*Poa Angustifolia*  
*Panicum Hirsutum* & others  
*Satifolia*  
*Andromeda Mariana*  
*Symphoricarpos mucronatum*  
*Bermudianum*

*Sepa Avenacea*  
*Miconthemum* } forwarded some time since

*Euphorbia corollata*  
*Pubertifera*  
*Nutallia cordifolia* } not as native of Augusta as stated by Nuttall, nor even of Georgia - Alabama & Louisiana

*Prosopis* *Palustris*  
*Pectinata*

*Arenaria* 2 *fundeterminata*. 1 of them forwarded in a pamphlet

*Aronia* *Arbutifolia*

*Porcella* *Triloba*

*Gleditsia* *Tricantus*

*Pyrus* *Communis*

*Sepidium* *Virginicum*

*Thyris* *Erecta*

*Senecio* *Sen. perirens*

*Ranunculus*. (an undescribed species)

*Pison* *Pusillum*

*Clematis* *Virginica*  
*Reticulata*

*Opalis* *Stricta*  
*Recurvata*  
*Syrini*

*Trifolium* *Carolinense*  
*Repens*  
*Reflorum*  
*Carolinianum*

*Lithospermum* *Aruense*

*Hordeum* *Pusillum*

*Synonymum* *Aruense*

*Sonchus* *Oleraceus*

*Polygonia* *Verticillata* 10

*Acer* *Negundo* (March)

*Xanthoxylum* *Fraserianum*

*Ulex* *Prinosides*

*Bignonia* *Capitata*

*Centronia* *Glabra*

*Coreopsis* *Pubescens*

*Coreopsis* *Craspedifolia*

*Coreopsis* *Muriculata*

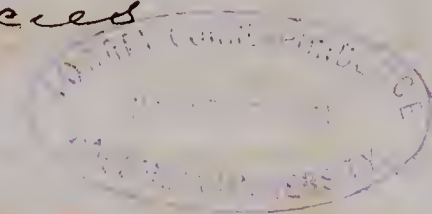
*Celtis*

*Astragalus* *Triplicifolius*

*Astragalus* *Diacanthus*

*Rhus* *Scandens*

*Rhus* *Toxicodendron*



*Baptisia* *Brachyloba* *Opelousas*

*Baptisia* *Lanceolata* ? or *men*

*Castanea* *Pumila*

*Quercus* *Obtusiloba*

*Falcata*

*Syrata*

*Prunus*

*Festuca* *Tenella*

*Styria* *Multiflora*

*Aquatica*

*Polygala* *Polygona*

*Saracenia* *Flava*

*Samolus* *Valerandi* 15

*Melia* *Adradarachi* 25

*Galium* *Uniflorum* ?

*Stenostylis* *Semiflora*

*Chionanthus* *Virginicus*

*Cypripedium* *Pubescens* (or *Stem*)

*Sauvicularia* *Marylandica*

*Oenothera* *Sinuata*

*Sarcocolla*

*Potentilla* *Simplex*

*Dentaria* *Laciniata*

*Malva* *Caroliniana*

*Aster* *Obtusata*

*Aspidium* *Acraschoides*

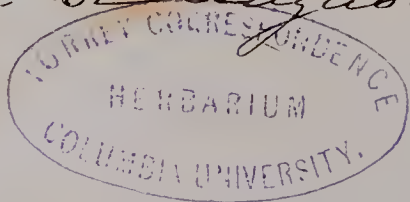
*Pteris* *Aquilina*

*Psoralea* *Melilotoides*

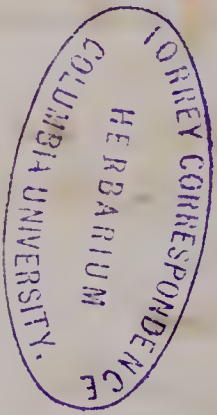
Comenda Regalis  
Cinnamomea

Plants found in Texas in 1834 - during  
a trip from Fort Sessup to Nacogdoches in  
April -

- |  |   |
|--|---|
| <i>Ophioglossum Vulgatum</i>                       | <i>Astragalus Saxamonne</i>   |
| <i>Phalangium Esculentum</i>                       | undetermined  |
| <i>Lathyrus Venosus</i>                            | <i>Streptanthus Maculatus Obtusifolius</i> Hb.  |
| <i>Fusillus</i>                                    | <i>Alyssum Repens</i> (silicle large oval inflated)   |
| <i>Syrax Grandifolium</i>                          | Cruciferous Plant (the same forwarded you)  |
| <i>Leve</i>  | <i>Spartan Canadense</i>  |
| <i>Phacelia bipinnatifida</i>                      | <i>Collinsia Verrea</i>   |
| <i>Parviflora</i>                                  | <i>Gratiola</i> (Flowers yellow beads recently forwarded you)   |
| <i>Hymenopappus Scaberrimus</i>                    | <i>Stemastylis Coelestina</i>   |
| <i>Antirrhinum Canadense</i>                       | <i>Ribes Rotundifolia</i> (forwarded among my plants)   |
| <i>Allium Metabile</i>                             | This is the only instance in which I have met with this Genus south of the 38th degree of latitude    |
| <i>Canadense</i>                                   | It is a Genus that has never before been met with south of the mountain region of the Southern States |
| <i>Amorbia Salifolia</i>                           | Rock St. Augustine Texas  |
| <i>Trochodum Saxiflorum</i>                        |   |
| <i>Sagittaria Lancifolia</i>                       |   |
| <i>Helianthemum Carolinianum</i>                   |   |
| <i>Mitchella Repens</i>                            |   |
| <i>Campanula Amplexicaulis</i>                     |   |
| <i>Juglans Nigra</i>                               |   |
| <i>Olivaeformis</i>                                |   |
| <i>Medicago Interlecta</i> (naturalis)             | A few plants of New Orleans   |
| <i>Rumex Acetocella</i>                            | <i>Phalaris Occidentalis</i>  |
| <i>Britannicus</i>                                 | <i>Iris Cuprea</i>  |
| <i>Chondrilla Sievata</i>                          | <i>Geacca Farnesiana</i>  |
| <i>Physalis Pensylvanica</i>                       | <i>Lathyrus or vicia</i> (the plant referred to is not)   |
| <i>Digitalis Dactylon</i> (Fort Sessup introduced) | <i>Azara Palensis</i> , &c. } been to be described  |
| <i>Pancreatum Mexicanum</i>                        |   |
| <i>Bromus Ciliatus</i>                             |   |
| <i>Triglochin Dandelion</i>                        |   |
| <i>Jussiaea Grandiflora</i>                        |   |
| <i>Samolus Valerandi</i> (common)                  |   |
| <i>Melia Azedarach</i> . 25th                      |   |
| <i>Galium Uniflorum</i> ?                          |   |
| <i>Saracenia Flava</i>                             |   |
| <i>Polygonum Polygamum</i>                         |   |
| <i>Styssa Mulliflora</i>                           |   |
| <i>Aquatica</i>                                    |   |
| <i>Stemastylis Gemiflora</i>                       |   |



Catalogue of Plants in  
the vicinity of Camp Sabine  
La. for April 1837 by  
M. Claassenworth  
Dr. J. Torrey

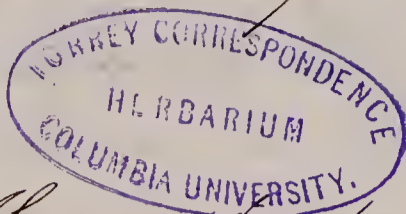


I shall commence an excursion into Texas to day  
I have taken some pains to make this catalogue as complete  
as my actual observations & the recollections of former years  
will admit Latitude 31.30"  
Camp Sabine La May 3<sup>d</sup> 1837 M. Claassenworth  
in S Army

Recd? July 17<sup>th</sup>

arr? July 24<sup>th</sup>

Fort Jessup La June 6<sup>th</sup> 1837



Dr. Sir,

Since my last to you I have spent some time in Texas & although my trip has not been so long a one as I hoped to have an opportunity of making still it has proved I met with many plants that I found on the Prairies west of the present state of Arkansas in years 1834 & 1835 I discovered two plants which I deem undescribed (unless they are described among Mr. Drummond's <sup>plants</sup>). One a *Poa* I have enclosed in a Newspaper & forwarded to you together with some other plants I sometime since sent you a small plant under the name of *Triglochin*. I have now good specimens one of which I will hereafter forward I have given it a fuller examination than I previously <sup>had</sup> done it has no pappus & therefore it must be considered either as a new genus or at least a subgenus. It is possible that you may not receive the *Poa* therefore I will give a brief description of it. Plant very hirsute (or pilose) - Leaves all radical usually in 5's (sometimes ternate) common petiole an inch & half or more in length, leaflets obovate, Peduncles radical 1 to 2 inches in length, flowers in dense spikes (they ~~peduncles~~ might be termed scapes) lower division of the calyx more than twice the length of the others. Flowers blue. Spikes on the larger specimens an inch in length & having a somewhat squarose appearance every part covered with long filicoid hairs which give it a whitish appearance. Flowers May. Perennial - The other plant is a *Tetragona* *steca*. differing from genus however in the seeds being crowned with a membranaceous many parted pappus.

The Tetragonatheca is found within 3 miles of the Sabine in sandy lands is also presumed  
a native of Louisiana. First found in the vicinity of Bogalock on Sand Hill in May  
still in flower

in other respects. it is a Tetragonatheca and the general habit of the plant is similar -  
Description. Plant glabrous. Stem round branched toward the summit, branches axillary. 2 opposite (brachiates) - Leaves all <sup>dentate</sup> perfoliate, lower leaves broad lanceolate acuminate much narrowed at base subacute Superior leaves very broad ovate acuminate <sup>subacute</sup> toward the summit of the stem connate with scarce any perceptible narrowing of their base, Flowers axillary and terminal. Peduncles long round slightly pubescent enlarged at the junction with the flower. One flower intermediate between the final bifurcations of the stem or branches, the others with a <sup>connate</sup> perfoliate leaf at the base of the peduncle. Involucreum 4 parted, segments broad ovate subacute glabrous Florets of the ray unequal 3 cleft ~~oblong~~ border of the ligulae oblong 2 lines in width. base of the ligulae narrow - number 10 to 12 yellow Florets of the disk very numerous cleft yellow, receptacle somewhat conic, chaffy scales smooth lanceolate acute -  
General Remarks. Plant 2 feet high - Leaves varying in width in different specimens, lower leaves at base usually an inch in width at base. 2 to 2 1/2 inches in the centre, 5 or 6 inches in length. Superior leaves from 2 1/2 to 4 inches in width 4 inches in length. final leaves connate smaller in every dimension - The intermediate flower may be considered as the termination of the stem or branch as the case may be. I do not know that I can furnish you either this or other large plants before fall The Red River our only channel of communication with N Orleans is at present too low for navigation, If you do not receive this last plant in time for your work you may publish a description upon my authority provided you find it to be undescribed Please to consider me as a subscriber for two copies of of your work & be kind enough to inform me when it is



likely to issue from the press -

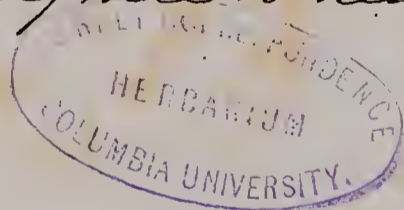
I have collected a few interesting seeds & shall collect others among others I have the seed of the ~~Sisymbrium~~ Cruciferous plant which has been a subject of correspondence & an *Alyssum* or *Sunaria* with very large inflated silicles -

I intend to visit the next summer & can then furnish you any thing desirable that I may have in propria Person

Very Respectfully  
Yrs  
W. C. Leavenworth  
111 St. James

Torney

The *Nemastylis* which I have enclosed with the *Poraclea*, differs I think differs materially from the description of the *Gemiflora* by Nuttall. The leaves are not so long as the stem nor is the arrangement of the flowers the same. The inner Petals are counted at their extremity so as to make a cup. You need not fear to destroy the specimen I can furnish others. Dr. Hook has a good drawing of the plant which was presented to me by Dr. Hale & sent by me to him -



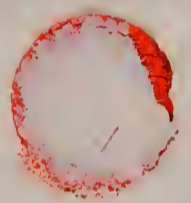
*Nemastylis gemiflora?*  
Sabbatini



23

John Torrey M.D.

New York City



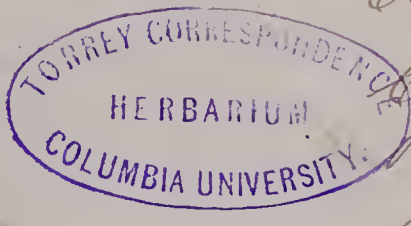
Recd  
Aug. 16th

Aug. 22nd

Catalogue of the plants found in the vicinity of Camp Sabine  
Louisiana for the month of June 1837

\* I wrote this plant was seen by me in Louisiana in 1820. The same plant of the same name is referred to in the account of the collection of the same name in 1820.

- |   |   |
|---|---|
| <i>Monarda mollis</i>   | <i>Eurygia alternifolia</i>   |
| <i>Punctata</i>   | <i>Pilosae</i>  |
| <i>Synantherum verticillatum</i>                                  | <i>Polygnum procumbens</i>  |
| <i>Lectus tenuiflorus</i> (C)                                     | <i>Sidernea</i> (species undetermined)                                  |
| <i>Spec. filamentosa</i>  | <i>Verbena caroliniana</i>  |
| <i>gloriosa</i> <small>the only 4. found in this vicinity</small> | <i>Bigonia radicans</i>   |
| <i>holifolia</i> <small>was flowered by the 15th May</small>      | <i>Senecium canadense</i>   |
| <i>Asterium tobiabaracensis?</i>                                  | <i>Eusticia</i> (species new)   |
| <i>Sabal pinnata</i>  | <i>Cynoglossum officinale</i>   |
| <i>Acacia lutea</i>   | <i>Clitoria mariana</i>   |
| <i>Glandulosa</i>   | <i>Virginea</i>   |
| <i>Eryngium aquaticum</i>   | <i>Rhus bipinnata</i>   |
| <i>Crocalarea ovalis</i>  | <i>Hederacea</i>  |
| <i>Sagittalis</i>   | <i>Ampelopsis</i> <small>Bunch of Mississippi</small>                   |
| <i>parviflora</i>   | <i>Commelina communis</i>   |
| <i>Gratiola virginica</i>   | <i>Erythraea herbacea</i>   |
| <i>filosa</i>   | <i>Wendlandia populifolia</i>   |
| <i>quadricentata</i>  | <i>Capsa chinensis</i>  |
| <i>carolinensis</i>   | <i>Galium pilosum</i>   |
| <i>Asclepias parviflora</i>                                       | <i>Lythrum quadriflorum</i>   |
| <i>Digitalis sanguinalis</i>                                      | <i>ciliata</i>  |
| <i>villosa</i>  | <i>Panicum sericeum</i>   |
| <i>Paspalum setaceum</i>  | <i>blancum</i>  |
| <i>plicatum</i>   | <i>Agrimonia eupatoria</i> <small>last</small>                          |
| <i>Proserpinaca pectinata</i>                                     | <i>baevolepis</i> <small>of June</small>                                |
| <i>Cuscuta tana</i> (Elliot common)                               | <i>Hedysarum acuminatum</i>   |
| <i>Smilax laurifolia</i> (Apl)                                    | <i>Cyperus flavescens</i>   |
| <i>Calandria bicolor</i>  | <i>Galium cuspidatum</i>  |
| <i>Elymus virginicus</i>  | <i>Microstylis ophioglossoides</i>                                      |
| <i>Rubra paluda</i>   | <i>Phyma leptostachya</i>   |
| <i>Petalostemum capitosum</i>                                     | <i>Rhexia mariana</i>   |
| <i>villosum</i> ? Nut.  | <i>Hypochaeris umbellata</i>  |
| <i>multiflorum</i> (D. F. Hick. Small Prairies Texas)             | <i>Amphicarpa</i> <small>(presume unscrubbed)</small>                   |
| <i>Thysanoclea decandra</i>                                       | <i>Poligala sanguinalis</i>   |
| <i>Poa eriostachya</i>  | <i>Sallia aurea</i>   |
| <i>Hypericum corymbosum</i>                                       | <i>Sychnum lanceolatum</i>  |
| <i>amacium</i>  | <i>Convolvulus tenellus</i>   |
| <i>Convolvulus purpureus</i> (C)                                  | <i>Viscum verticillatum</i> *   |
| <i>Sporaea coccinea</i>   | <i>Bonelia tenax</i>  |
| <i>Poa eriostachya</i>  | <i>Echites deformis</i>   |
| <i>Helianthus histoides</i>                                       | <i>Hypochaeris ovalis</i> (D. F. Hick common)                           |
| <i>Calycarpa americana</i>  | <i>capulosa</i> ? Elliot  |
| <i>Diada tibrigona</i>  | <i>Robinia pseudacacia</i>  |
|   | <i>Strophalepis angulosa</i> (C)  |
|   | <i>Asteris communis</i> (completely naturalized in the Southern States) |



\* I think it to Elliot's - there is not found in the U. States - I have observed range of country

\* Another species is also found on the Mississippi - by Mr. Bingham near a little village

- Euphorbia Maculata
- Cephalanthus Occidentalis
- Tubercosa { Species undescribed
- Houstonia Longifolia
- Sida Spinosa
- Stenanthus Hybridus
- Stenanthus hybridus
- Sabbatia Genianoides <sup>as the h</sup> <sub>is described</sub>
- Melanthium Virginicum
- Acerates Longifolius
- Chusquea Indica
- Marrubium Vulgare
- Stepha Galbaria
- Lycris Flexuosa
- Cuscuta Americana
- Sabbatia (Species inivallida) <sub>10' bracteata</sub>
- Chenopodium Anthelminticum
- Tillandsia Usneoides
- Asparagus Officinalis
- Zoanipa & Vauflera <sub>(see name in Banks)</sub>
- Herpestis Cuneifolia <sub>(see name in Banks)</sub>
- Aristolochia reticulata <sub>(see name in Banks)</sub>
- Melothria Pendula

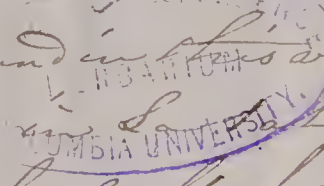
- Dyos Angulata (rank of Mississippi)
- Cunila Polycephala
- Effusus
- Buffonius
- Triflorus
- Melium Paspaloides

I notice these genera because I do not doubt they are found in the limits of Louisiana. I have not observed them myself & they must be extremely rare in Western Louisiana. Cyamus Penlopelalis I found at Mobile in 1819 but have no specimen -

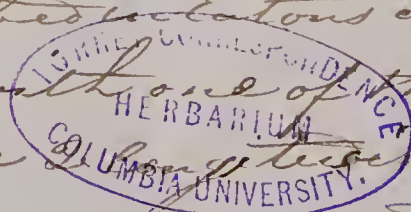
1831. I think in my last Catalogue I noticed the names Microphylla & all. it should be Crispifolia

Camp Sabene La July 1<sup>st</sup> 1837

Dr. Sir - I now forward a catalogue of such La plants as are found in La & for the most part in this vicinity (noting those those that are not found in this vicinity) - Previous to this I have spent two summers in La & another at Opelousas during both of which I had occasion to travel more or less & had then as now taken the pains to catalogue the plants my list might be <sup>more</sup> extensive than it is - my object has been to collect such plants as I had not found in other states or as had escaped the notice of botanists. I have some days since noticed the reception of your very welcome favour of Aug 16 in a note accompanying my accompanying some plants forwarded you but in a brief manner - I am truly happy to learn that you have received the box containing Arkansas & other plants & that you find it valuable - I shall be pleased to learn any remarks that you may make & cannot doubt but that you have thro' your correspondence met with many of the same plants - I am not at present able to furnish you ripe pods of the Sathyris Pyxillius but think I may have it among plants which I formerly collected



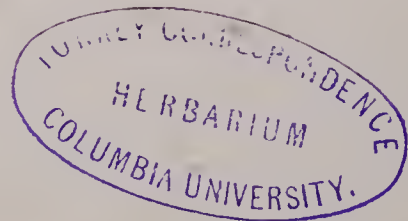
but to which I have not, until received from Fort Gibson a copy,  
The Plant is abundant in its season but has now entirely  
disappeared - The plant resembling an *Adiantum* was presented  
me by Dr. Hale & found by him in the immediate vicinity  
of Alexandria, The *Goodenia* was also presented by him -  
The *Hordeum* was scarce matured if changes its appearance as  
to size when matured & is 10 or 12 inches in height -  
*Styragalus*... with Peduncles from 2 to 5 flowers. (some specimens 5 or 6)  
is not as the specimens would seem to indicate at all  
times erect but in the advanced state especially in large  
specimens decumbent. It might be described as erect or  
decumbent - I have been disposed to think it might be  
the *Mesochorus* described in Eaton's Manual. The legumens  
are smooth, falcate with one of the valves depressed  
inward so as to make <sup>one</sup> of the valves not keels - Were it not  
for this depression the legumen would be triangular,  
I was impressed with the belief that there is but one  
species of the *Myosurus* & am happy in having my  
opinion confirmed. It was found by me in the spring of 1819  
on the plain of August to Geo & forwarded Mr Elliott with  
some other plants which were undescribed, more particularly  
2 species of *Scirpus* always found in <sup>running</sup> water about 2  
feet deep but of which I have not new specimens -  
I do not know I think my present location as an observer  
of plants decidedly the best that I have found in La  
In the course of the next month I intend to spend 4 or 5 days  
in Texas & visit neighborhoods that I have not before  
seen - I thank you for Dr Greys paper on the Legatophylle  
Halely forwarded a species of *Sabbatia* which I hope  
will come safely to hand. I should remark that in a  
more advanced state some specimens are 10 or 12 inches  
in height. It has a close affinity to the *S. Brachiate* but  
I think distinct - I have now another beautiful species  
of this Genus which I forward, & also a beautiful *Petalost*  
common probably new - or at least rare. I remain



John Torrey. M.D.

Sincerely Yours  
M. S. Brewster

... - common may 'na' found many  
Wenama or Stelarea Carnaba. but I doubt whether it is  
as you suppose found in Arkansas but there is another  
very similar species with smaller flowers more linear  
& leaves not fleshy which I have found in both Texas &  
Arkansas - probably there may be a specimen among ~~the~~  
my Arkansas, I am inclined to believe this is also  
undescribed



Dr. J. Torrey -

"Poralea" - subcaulis?

"Pet. ab. vill?" yes!

"Amphicarp. - Glyc" Same as Boykin's

Sabbat. - genitricoides? yes

"Hobault. - polygonum" - State of H. canad.

"Hobault. - or a new genus" Lechea minor - var.

"Hydolia n. sp.?" Near H. quadrata. but smooth. I have it for  
other place

Catalogue of Plants found in the vicinity of Camp Taberna La Taberna July 1854

- Hesperis matronalis
- Sida acuta
- Stachys coccinea (about garden)
- Verbena angustifolia
- Erigeron phillyrifolius (Palat. does not agree with)
- Geranium (imp. of collection of this plant)
- Lycium ruthenicum
- Euphorbia linifolia
- Species described (leaves broad ovate obtuse)
- Eupatorium celestinum
- Cenchrus tribuloides
- Heliopsis scabra
- Oenothera lutea



Key

- Sida acuta
- Chenopodium album
- Rhus venusta (all leaf)
- Typha minima
- Capulium

Hibiscus Moscheutosii where all the species of this genus have grown there, are probably others near the sea board.

- Sida acuta
- Mikania scandens
- Baccharis verticillata
- Sida acuta (var. obtusifolia)
- Sida acuta (var. obtusifolia)
- Cyperus vicius (l)
- Galactea globularis
- lobis
- Pilus

Cacalia lanceolata (these 2 species before noticed but ovata 2 flowering this morning)

- Elephantopus carolinianus
- Euphorbia plicata (March 1847)
- Gonolobus carolinianus
- Biflorus

Justicia pedunculata does not precisely agree with the description of this plant somewhat distant in the advanced state of the plant 6 to 12 inches high side of river & in bottom

- Viola caroliniana
- Ranunculus acris
- Rhynchospora distans
- Hesperis matronalis
- Hesperis matronalis

Oenothera (She resembles the one in the west)

Oenothera

Scirpus Major  
Typha latifolia  
Phragmites communis  
Blatta affinis  
Mertensia glomerata  
Sagittaria arifolia  
Sagittaria arifolia  
Sagittaria arifolia

Cyperus flavescens -  
Poa capitata (very abundant forming in places a dense carpet)

Murisicis Echinatus  
1 Species undetermined (probably undescribed flowers)

Onoclea sensibilis  
Sabatia angularis  
Scotia cernua  
Solepis subquarosa  
Strophostyles - (Leaves nearly linear)  
Chrysopsis Mariana  
Graminisfolia

Cyperus compressus  
Helianthemum Racemosum  
Polygnum - } New Plants

Ruellia - (new species undetermined)

Poa -  
Trichostema Cyperinum  
Spergularia -  
Smilax lanceolata  
Ovata  
Stachys aspera  
Aster pauciflorus (St. Louis)  
Eragrostis - (newly discovered) Texas  
Ruellia virginica

Polygala cruciata  
Eriogonum Gnaphaloides  
Decurrens

Styphelia Segetris (Texas vicinity of streams of water)  
Convolvulus - (undiscovered - leaves linear, flowers yellow)  
Amorpha fruticosa - (Aphellex)  
Pubescens (Piney wood Texas) Mert + Al

Sabatia squarosa  
Polygala purpurea  
Solidago - allied to the lanceolata but distinct  
Solidago tenuiflora  
Eupatorium -  
Sphaerocarpus  
Hypoxis foliosa  
Liatris Graminisfolia -



Red  
Aug 27.  
Ad.

Helianthus Trachelioides -

Verbena <sup>5</sup> - This plant does not precisely agree with any described species & may be new name or over the heavy rugose

Mentha Tenues  
Centaurea Coronopifolia  
Oplomeca Floridana  
Leucospora Millifida } Texas probably also Lu  
Monarda Ruschiana }

Orchis cristata  
Ciliaris  
Lithospermum Tenellum } Small prairies Texas F. S. Ark  
Hieracium Scaberrimum

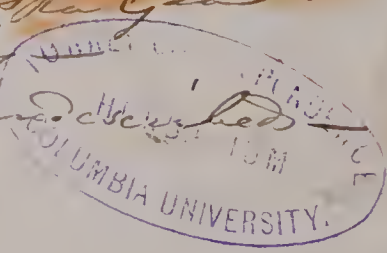
Gaura Biennis  
Euphorbia Cyathophora } Texas Arkansas  
Polygonum Convolvulus

Niflora Pumila  
Ligustrum or a new Genus (Texas & Arkansas)  
Oenothera Stelata

Suaresia Spicata  
Scutellaria - (undetermined)  
Coreopsis Linifolia } I think a new undescribed species

Syrina Fleucalides } Texas marshy places  
Phyllanthus Obovatus } abundant at August 25  
Hydrocotyle Repanda } (May June July)

Cyperus - (undetermined) probably undescribed  
Scirpus Capitaceus  
Siliaceous Plant (undescribed)



Hypericum Galivides  
Clematis cylindrica  
Catesbyana } Rankette vicinity of Mississippi

Asmannia Humilis  
Polygonum Pennsylvanicum  
Corypha Biporus  
Panicum Hertelienum } var Muticum } probably new

Andropogon cicutiflorus  
Rudbeckia - Species undescribed  
Cappia occidentalis

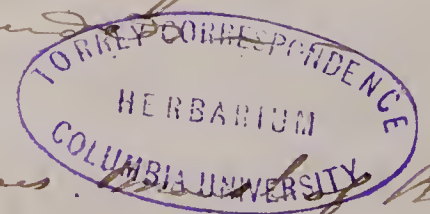
Orosera longifolia  
Polygala Baldwinia  
Oxalis stricta  
Cardiasterium Helicacolum  
Hyptis Redcata  
Sperantheum Bucanum  
Satureia - Species undetermined

Apios Tuberosa  
Rantherium Strumarium  
Frepinus (Pleptera) } (March probably new. calyx & branches covered with a long tomentum)  
Acheperanthos -

*Lilium Carolinianum*  
*Anthropogon* or *Andropogon* (Fraxinifolius) - probably *Fraxinifolius*  
*Pilea trifoliata*  
*Hemiphrasia trifoliata* } in Set. Beach Texas found area  
*Hypericum Proliferum* } Tavela  
*Thalictrum Floricolum*  
*Epidendrum Canadense*

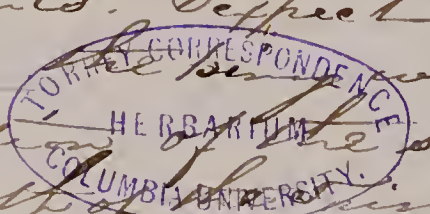
*Hydrocharis*  
*Polygonum Tetraphyllum*  
*Heteranthera ovata*  
*Securus Aquatica*  
*Poa Conferta*  
*Sisteria Convalaroides*  
*Tipularia discolor*  
*Centaurella Penna*  
*Tripterella Coerulea*  
*Conosyris Americana*  
*Odenia*

These two plants are found in  
 eastern Illinois. I also at  
 Tuscaloosa Alabama by myself  
 & believe I have before mentioned  
 the most of these plants.  
 They were received from Dr  
 Hall & collected in the year  
 of Alexander S.  
 The Good year & Odenia were  
 forwarded you are not  
 included.



Camp Sabine La August 3<sup>d</sup> 1837

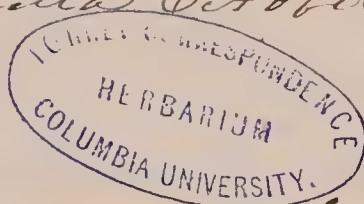
Dr Sir. I forward my catalogue for July which I trust  
 you will find interesting. I have embraced in this & the  
 catalogues of former months all the plants that  
 I know to exist in the adjacent country of Texas -  
 my collections with those of Drummond & others will  
 give you a pretty good idea of the plants of last Texas  
 but I am convinced that much remains unexplored especially  
 upon this frontier - during the past month I have  
 traveled as deep in Texas embracing a circuit of  
 120 miles, 3/4ths of this distance in the region of the  
 long leafed pine. (*Pinus Palustris*, very improperly so called,  
 as it grows even at the summit of high ridges) -  
 I have lately made the acquaintance of Dr Beach  
 living near Navaho Texas - who has a taste for botany  
 & a considerable knowledge of plants. I expect considerable  
 assistance from him in exploring the interior of the sea board  
 He expects to visit soon that portion of the sea board  
 between Lake Sabine & the mouth of the river  
 It must be an interesting region & is totally unexplored  
 by Botanists



Dr Torrey Plant enclosed - Cooperia - 2nd etc  
 Respectfully  
 Geo. B. Leavelle

Rec. No. 62

Camp Sabine Louisiana October 4<sup>th</sup> 1837



My Dear Sir

Your esteemed favours of the 22<sup>d</sup> 26<sup>th</sup> containing comments upon the plants I have at different times transmitted you, for these comments to accept my thanks, & happy that you find among them some new and interesting species, I have thought that I might by this time make up another parcel for you to forward, as far as St Orleans. Dr Major Riley, but I am glad the Major has not left this as he anticipated he might do by this time, as it will give me more time for collections & also for the proper examination and arrangement of my specimens. As I anticipated when I last wrote to you I took an excursion in some parts of Texas & Louisiana which I had not previously visited. I was absent five days & made the excursion an extremely interesting among other things I met with the *Cooperia Sumnerii* (fine specimens) also the new *Cooperia* if *Cooperia* it be of which I have a dozen good specimens one of which I enclose. The new species of *Hypnicum* contained in the box last also one of the new grasses, a species of *Polygonum* with <sup>flowers</sup> arranged in showy panicles. leaves linear acute numerous, the species of *Ampelopsis* noticed in a former letter. I hope to enable you to describe this plant altho it is almost literally impenetrable to preserve good specimens. A species of *Gallardia* with both the Rays & disk bright yellow. I have not minutely examined <sup>it</sup>, I think however it may be new a *Bidens* with pinnatifid leaves & Rays fully as conspicuous as those of the *Chrysanthemoides*, this I have before seen in the vicinity of St Louis, it is not described in any work that I have. Your trip to Texas was of course very interesting. I should be much pleased to possess specimens of the alpine plants that you mention in your letter. The plant I named *Saurus* I doubt not is the *Fosteria* I took it to be a *Saurus* merely from the habit. I never gave

at the base of the bulb of the *Cooperia* I examined is, I have seen a way recall it probably many more interesting properties similar to the Squill

it was abundant within a mile & I could at any time obtain it. Umus Crasifolia, M. microphyllus. was a mistake resulting from mistaken recollection I found a tree with fruit about the 15<sup>th</sup> Sept I presume it bloomed about the 1<sup>st</sup> reverse of the usual time of flowering of the Genus.

Verbena I do not think it the Pinnatifida tho I am not sure that it is new. The Pinnatifida I have frequently met with the caprifolium var. fl. white, are they not colored? No they are milk white numerous middle side & render the vine showy and conspicuous for a considerable distance shrub climbing - Sapindus I think with you this must be new: it is Polygamous upon some trees you will find only fertile flowers, upon others only staminate flowers & upon others again hermaphrodite flowers, now so far as I recollect does the character of the flower precisely agree with the Sapindus. at the time I examined the living flower I compared it with the generic description of the Sapindus & found it most to resemble that Genus, but came to the conclusion that it must be distinct species Genus.

Plantago Gnaph. I paid some attention to this plant and was inclined to doubt whether the Gnaph & Squarosa were not varieties of the same -

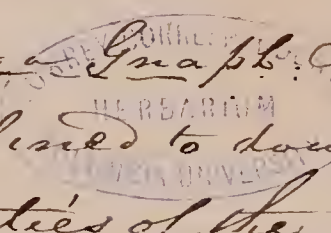
Petalostemum Villisum would probably grow from the seeds it is an erect plant if not too late I will obtain the seeds.

The Psoralea must be new. it might be termed Sulacaules or Tuberosa. Monarda Reeselliana spicata, probably a mistake in my recollection, the same found in Texas. Sene Selenia. This is probably the Selenia of Nuttall, but his generic description must be taken from the dried specimen. The Siliques are not flat but inflated like a bladder, this should be recollected in your generic description. it was this fact that misled me. Podagria Undoubtedly distinct from the Calamita tho I could not reconcile it with my recollections of the Calamita which I found many years since in Alabama.

Subattia Chloroides doubtless correct I have among my plants a species now in Connecticut a species found in Burke County Geo. which at the time I supposed might be the Chloroides.

The corolla is from 10 to 12 parted, but smaller & lighter colored the plant 6 to 8 inches high & very different in habit, The Genus Oxotum needs illustration. I have a species found

The plants you request me to send I will so far as I can my former journal by you



in Texas with obovate leaves, it seemed to be the *Argyranthemum*  
of Elliot but distinct from any species that I have forwarded  
you - I have <sup>several</sup> species, sometimes growing to the height of 4 feet -  
found abundant in this vicinity & also at Opelousas La. it  
may be the *Maritima* but does not correspond with my recollection  
of that species. Leaves 3 to 4 inches in length, by one or more in  
width. Cordate at base & acute or subacute at their termination  
The *Phyllanthus* mentioned in my catalogue for June is the *Obovatus*  
of Pursh. *Carolinensis* Elliott. I presumed I must have inadvertently  
made a mistake in labeling the *Lepidanthus*, it was my intention  
to have labeled it *Lepidanthus Phyllanthoides* at F. W. H.

*Phacelia Fimbriata* common on the Red River Prairies as well as in  
the upper countries of La. *Phacelia Purviflora*. This plant was  
first found near one of the ferries of the Oakmudge Sea  
& Mrs. Nuttall's specimens were presented him by me. He said it  
was undescribed at the time. You can with propriety describe  
it as one of my plants, *Paronychia Dichotoma*, *Sium*  
*Sium* and *Conium*. The Genus *Paronychia* is not in the 8th  
edition of Eaton's Manual, if not please to examine the plants  
thus labeled. There is also a *Gomes* near allied to the *Hebeceae*.  
Plants erect Flowers Polyandrous stamens & silky white &  
Is this the *Sarlingtonia*? One of my plants may be the *Sarlingtonia*  
I am glad that you have not yet examined the *Compositae* & shall  
add to this family, new species & Genera & perhaps do something in  
illustration of others. My catalogue of plants for the Autumn  
will be forwarded with my collections.

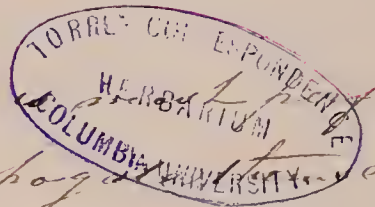
I should be pleased to have you publish my plants in the  
*Annals of the Lyceum* as you suggest among others please  
to describe the *Stachyridae* plants as it is in the Herbarium  
of Nuttall & he may anticipate us. I was the discoverer  
of the plant & furnished Dr. Baykin's specimens & it was  
forwarded you at the special request of Dr. B. I hope you  
have or will receive such of my plants as are in connect-  
ion with them there are a few of them that may be interesting.  
The paper in the *Annals of the Lyceum* is not yet received I presume  
owing to the partial mails received of late.

I now  
make some general remarks in relation to the new *Stachyridae*  
by means. It is precisely a *caespitosa* in every thing except the  
flowered which has no tube or next to none, Root a. Globular  
solid, unscathed, <sup>bulb</sup> about the size of a musket bullet. Leaf at  
the time of the flowering of the plant scarce more than a rudiment

protruding about half an inch beyond the filices in the sheath that involutes its origin. In some specimens, in some others it is two or more inches in length by the a line in width grass like, slightly channelled above. Leaves only one scape 4 to 6 inches high. Peduncle of the flower 1 to 2 inches in length. Mature capsule much distended, obtusely triangular, near a thick as long seed round - Petals 6 parted. Internally bright yellow - externally coloured with dark purple lines.

PAID  
 Paid -  
 25  
 No. 12

John Torrey M.D.  
 New York City




Both upon this and the *cooperia* *brunoides* the leaf  
 upon the buds of the succeeding year. Both plants propagated  
 by offsets from the parent bulb as well as from the seeds -  
 This enclosed specimen was found early and kept on a small prairie  
 30 to 40 miles from St. Augustines Texas the specimens first sent on July  
 All characters that I have omitted you will observe in the specimens  
 with sentiments of high regard  
 Yours sincerely  
 M. C. Seaworth

Rec? Dec. 15<sup>th</sup> 1837

Camp Sabine Louisiana Nov. 20<sup>th</sup> 1837

Dear Sir

I have now the pleasure to inform you that I have prepared as full a suit of specimens of plant collected this season as the condition of my Herbarium will admit & that I am likely soon to have a safe & trustworthy <sup>deposited</sup> <sup>in the</sup> <sup>charge</sup> <sup>of</sup> <sup>the</sup> <sup>late</sup> <sup>Br</sup> <sup>Maj</sup> <sup>Tiley</sup> <sup>now</sup> <sup>Maj</sup> <sup>of</sup> <sup>the</sup> <sup>4<sup>th</sup></sup> <sup>Inf</sup> <sup>who</sup> <sup>will</sup> <sup>as</sup> <sup>soon</sup> <sup>as</sup> <sup>received</sup> <sup>by</sup> <sup>Maj</sup> <sup>Stapel</sup> <sup>proceed</sup> <sup>to</sup> <sup>join</sup> <sup>his</sup> <sup>Regt</sup> <sup>now</sup> <sup>in</sup> <sup>Florida</sup>, I have sent you full or nearly full collections of the Grapes, full collections of the Cyperacea, & I have endeavoured to make my collections of the Compositae as complete <sup>as in any other</sup> <sup>of the</sup> <sup>Genera</sup> <sup>Aster</sup> <sup>&</sup> <sup>Solidag</sup> Howard all the species I have observed whether common or not, I presume my names for plants may in some instances be incorrect for I have never had much advantage from the collections <sup>of others</sup> <sup>my</sup> <sup>operations</sup> having been detached, such plants as I am desirous should meet your particular attention are marked with an <sup>?</sup> & I have kept a catalogue of them, I have put up all the seeds in my power. I have also prepared a collection of seeds for the Secretary of the Columbian Horticultural Society which are in your box & which you will oblige me by transmitting. Since my last I have met with the New Cooperia (I now think it notwithstanding the want of a tube a Cooperia & the seeds are formed like those of the Cooperia Drummondii & disposed in the same way in their capsules). The seeds are shaped thus  very thin imbricated the one upon the other & attached by one of their ends. so the sutures of the valves forming in each of the three cells. 2 holes with the <sup>seed</sup> <sup>in</sup> <sup>the</sup> <sup>middle</sup> <sup>of</sup> <sup>the</sup> <sup>cell</sup> <sup>is</sup> <sup>very</sup> <sup>obvious</sup> <sup>in</sup> <sup>the</sup> <sup>drawing</sup> like a voltaic pile precisely the same arrangement exists in the Cooperia Drummondii, The leaves which have scarcely perceptible in the flowering state are three to four nearly as long or even in some instances exceeding the length of the scape somewhat channeled above & somewhat convex beneath, fleshy subacute all proceeding from a common sheath I forward both <sup>seeds</sup> <sup>&</sup> <sup>capsules</sup> The leaves of the <sup>&</sup> Drummondii are precisely similar as will be seen by the specimens

Columbian Horticultural Society Washington D.C.

RECEIVED  
COLUMBIAN HORTICULTURAL SOCIETY  
WASHINGTON D.C.  
NOV 20 1837

Since my last I have discovered in a Salt Prairie 2 miles from  
this station. A plant of the family Portulacaceae which I  
think is of undescribed Genus of which the following is a  
brief account a fuller account is appended to the specimens  
*Cotandra* *Tyggina* *Sisyan* *Clapfocata*  
Calyx inferior 5 parted capsule, <sup>called</sup> opening in a circular manner  
like the Genus *Portulaca* very small & numerous. Stamens 5  
seated on the middle of the germ incorporated with its substance  
filaments extremely capillary closely appressed to the germ & the  
altitude of the style. (filaments almost a stender as a cobweb) anthers  
very minute Globular Germ ovate about the length of the  
calyx somewhat quadrangular - stigmas 3 feathery or pilose  
Flowers axillary closely sessile. Calyx <sup>carose</sup> towards the  
summit of its divisions <sup>up.</sup> at their colour purple & becoming  
membranaceous so as to present the appearance as if there  
were included Petals. Leaves carose, spatulate about half  
an inch in length by 3 lines in width. Whole plant smooth spread  
ing like the *portulaca* *Clasacea* stem somewhat woody  
found in the branch proceeding from the salt Spring at  
dry seasons where there is no water but at other times the water  
is an inch or two in depth. In the same locality I have found  
the *Heliotropium* *Curesavicum* & 2 species of *Achyrantes*  
resembling the *Heliotropium* but I think entirely distinct from it  
I forward most of the species mentioned by you as desiderata  
Some of them however I have among these are. *Altheum* *Flouidum*  
This was reported upon the Authority of Dr. Beateb collected it  
in 1821 in the vicinity of Tuscaloosa but was so unfortunate  
as to lose the collection containing that & other plants. *Syena*  
I have seen one specimen of this plant collected by Dr. Beateb in Texas  
& am promised others which will be forwarded when received.  
I have not the *Tupularia* with radical leaves, they are difficult to find  
at the time of flowering. They may be obtained from Dr. Wray  
of Augusta Ga I forward specimens of the *Casalia* *ovata* &  
*lanccolata*, The *Tuberosa* is abundant in May but I call neglected  
to collect it perhaps because I could do it at any time, Elliott  
is wrong in supposing the *ovata* & *tuberosa* the same. The *Tuberosa*  
grows in Prairies or in a Prairie soil the *ovata* flowers the last  
July and is found in wet or marshy ground. The leaves are  
also if compared materially different. I have put up specimens of the  
yellow *Sedum* and also of the *Humana* in conformity with your request.



Subjoin a Catalogue of Plants observed during the months of Sept & October 1837 near Camp Sabine & Adjacent Parts of Texas

*Woodwardia angustifolia*  
*Teona Lemna*  
*Sentiana Japonica*  
*Oenothera biolorata*  
*Alisma Prostrata*  
*Heliotropium Curisavicum*  
*Achyranthes* (New *A. thalictroides*)  
*Impatiens Solms-Langei*  
*Conyza Camphorata*  
*Senecio Papaver*  
 Occidentalis  
 Plant, allied to *Portulaca* (new)  
*Urtica Spicata*  
*Ambrosia Bedentata*  
 Elation  
 New Species (or var) *Integrifol*  
*Bidens Fendosa*  
*Polypodium Urticaria*  
*Lobelia glandulosa*  
*Hypocnemis Sarotha*  
 Foliage  
 a new Species -  
*Polygonum Scandens*  
*Foa capillare*  
*Panicum capillare*  
 New Species (valves large lanceolate very acute) (note)  
*Orbicle?*  
*Verbascum Virginia*  
*Sceloporus bipinnatus*  
*Carya Marylandica*  
*Agrastis tenuiflora*  
*Andropogon furcatus*  
*Milium Equale* (in fruit)  
*Eragrostis Anacardi*  
*Hibiscus Pupatoroides*  
*Chrysopsis Swartzii*  
*Mariania*  
*Eranthis Alapacuroides*  
*Serardia Purpurea*  
*Quercifolia*  
*Tenuiflora*  
*Sitacea*  
*Sium Ficuspidatum*  
*Miconium Obrotatum*  
*Sesua Septicostata*  
*Crocidia*  
*Coccoloba Tripteris*  
*Sespedea Prostrata*  
*Hirta*  
*Fruitescens*  
*Rottboellia Diffusiata* (Dr. O'Leary)  
*Cercaria Plurica*  
*Hammamolis Virgiana*  
*Amnia Humidica*  
*Rumex Lewis*  
*Ellisia Stachylea* (vicinity of *Opoleus*)  
*Ampelopsis* - New Species  
*Santus laevigatus*  
*Robanoke Ozymus*  
*Glycine* - Leaves found  
*Indigofera Caroliniana*  
*Coccoloba* - not described,

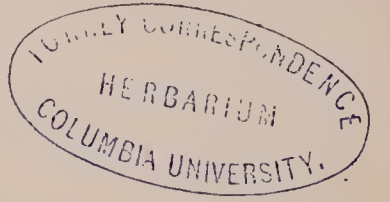
*Brachyotum Polycephalum*  
 1 Symplocos Plant (Flowers yellow Ark) See  
*Redbeccia Undetermined*  
*Galardia* New Rays yellow  
*Urtica Pumila*  
*Thesme Colocoides*  
*Cooperia Sumneroides*  
*Vilfa* 2 Species. 1 of them new  
*Agrostis Sunca*  
 1 Species undetermined  
 Tenuiflora  
*Muhlenbergia Diffusa*  
*Hesperium Paricutatum*  
*Marylandicum*  
*Austida Purpurea*  
*Sarotha*  
*Thurpetis*  
*Allium Euphorbicum*  
*Lactuca Graminea*  
*Sua Sp. brevia*  
*Baccharis Hamifolia*  
*Panicum Genuculatum*  
*Eupatorium Heliotropoides*  
 1 Graminea... (new) (Dr. O'Leary)  
*Hesperis Curculifolia* Sea Board  
*Sirpus Capillaceus*  
*Panicum* - undetermined  
*Andropogon Ternarius*  
*Agrostis*  
*Scoparius*  
 1 Undetermined  
*Sinauifolia*  
*Amphipolium*  
*Paniculatum*  
*Hypopifolium*  
*Ordifolium*  
 1 or 2 Others  
*Petiolaris*  
*Hesperis*  
*Odora*  
*Aspera*  
*Canadensis*  
*Pulverulenta*  
*Rugosa*  
 2 Species undetermined  
 1 Plant of the Compositae (New Genus)  
*Hypocnemis* (New Species among Ark Plants)  
*Sium Virginia* (undiscovered)  
*Machire* (Monticicola) near the great  
 Craft not seen  
 by myself  
 I may at some time or other perhaps  
 prepare a Catalogue of the plants  
 of La Sa far as may be in my  
 power, for publication. You will  
 great oblig. me by any remarks  
 on the Graminea Cyperaceae &  
 Compositae that may suggest  
 themselves  
 You can confer on me a favour  
 by furnishing me with as  
 many of the Graminea or other Cyper  
 ace as you can which I have  
 not found in La -  
 The Pamphlet containing the  
 description Genus is enclosed.  
 for which accept my thanks



If you find any my compensate from the particularly worthy  
attention please to transmit your remarks. I sincerely hope  
the Box with Maj. Riley will safely reach you. I have taken a good  
deal of pains in packing the specimens safely & securely.

John Torrey M.D. —

Most sincerely yours  
M. C. Sauerwald  
41 3<sup>rd</sup> St. N.Y.



22

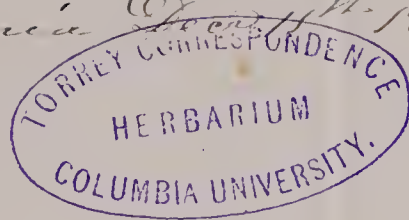
John Torrey M.D.  
New York City



I shall request Maj. Riley to see the Box on board a safe vessel  
& to forward you a bill of lading. It is possible the Maj may not  
leave this under 2 or 3 weeks —

Re D. Savoy, 8th & 38

Yampi Sabine Louisiana Dec 11th 1837



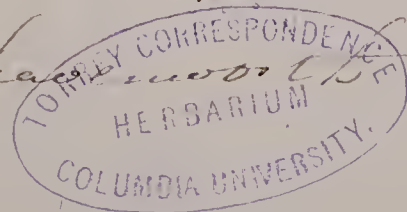
Dear Sir

I have the pleasure to inform you that I yesterday forwarded the Box of plants & seed prepared for you for Maj. Riley in accordance with my anticipations when I last addressed you. If the Maj should remain long enough in N Orleans he will attend to the shipment of the Box in person, if on his arrival he finds a vessel bound immediately bound for Tampabay the Box will be left in charge of the U.S. Master at N Orleans who will I have no doubt attend to its shipment. My instructions are that a bill of lading be forwarded you per Mail. The Box is marked John Torrey M.D. N York City - I am assure you that I shall be extremely anxious concerning its fate until I learn that it has actually been received by you. I must request you to inform me when received.

I remain sincerely

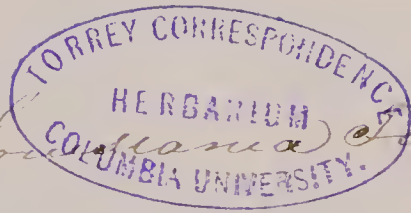
Yrs Wm C. Coker

J Torrey M.D.





und. July 4 1838



Camp Sabine Louisiana February 3 1838

Dear Sir

Sometime since by a letter received from Maj. Riley that he has shipped the box containing specimens of the plants of this frontier on the ship Dickburg & that he has in conformity with my request forwarded you a bill of lading. Sincerely hope they have before this been received by you & in good condition.

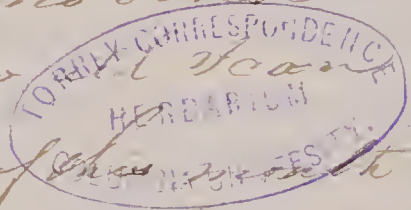
If they have been received I shall be happy to learn the fact when your numerous & arduous engagements permit you to write. I think it highly probable that I have inadvertently omitted to send a few small plants among these probably the small *Docum* of so please to inform me of the fact.

In the course of the spring to send you some few plants that I was not able to furnish at the time that I prepared my collection of specimens for you I may do something the ensuing spring but do not anticipate that I shall have as much time to spend in botany as I had the last season as there is now no other

Medical Gentleman at my post I shall do our winter until the commencement of the month has been with I have observed a number of the *Violas* the *Houstonia lococleia* & 1 species of *Ranunculus* & soon

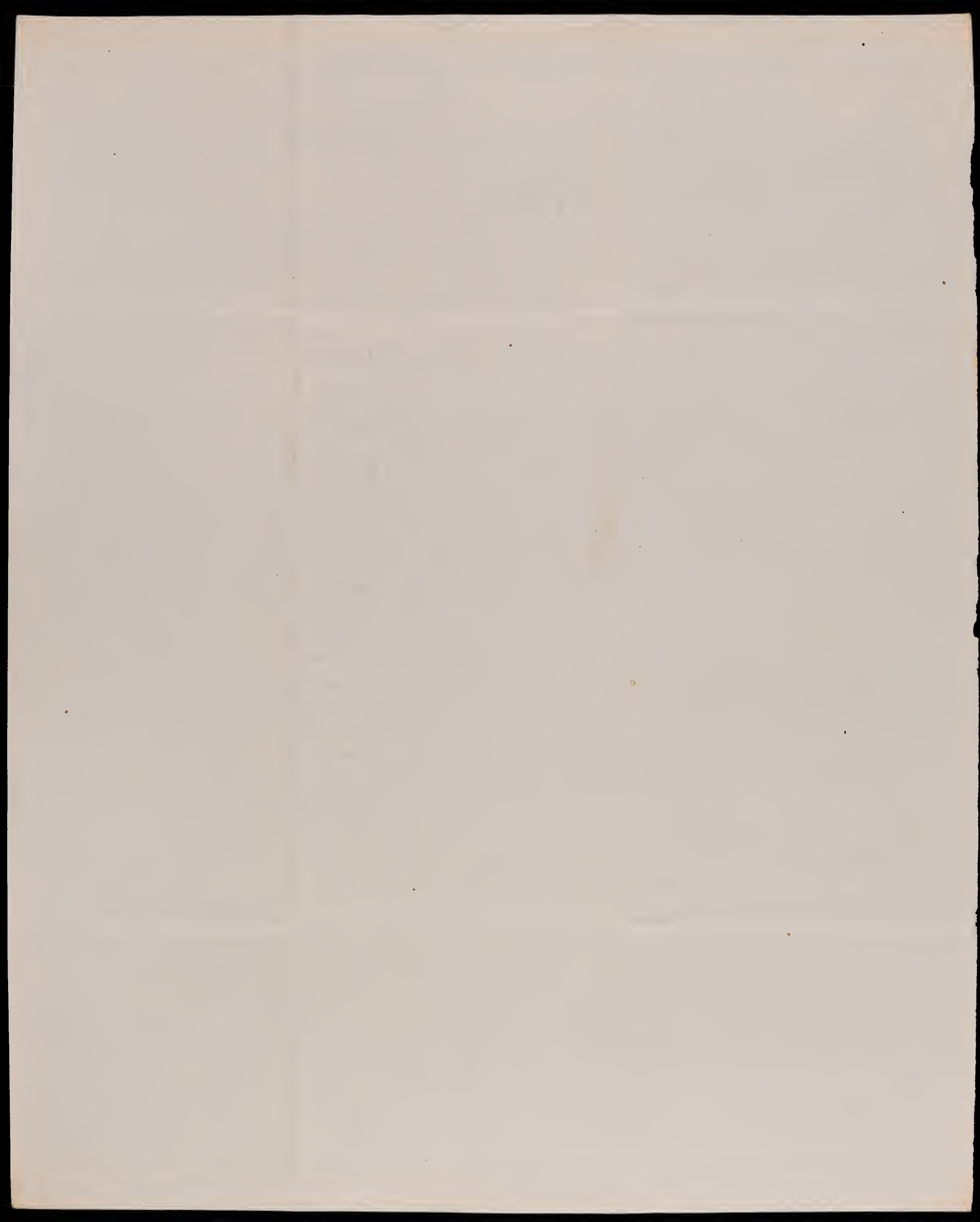
With high respect I remain  
Yr. obt. Servant  
Wm. H. C. Leavenworth

John Torrey



Maj. Riley's letter was dated 30th Decr 1837

You have my consent to publishing descriptions of my plants



Ms. B. July 5 K

Camp Sabine Louisiana Feb 22 1838



Dear Sir

By your last mail I received your esteemed favour of May 26<sup>th</sup> acknowledging the reception of the box of plants forwarded by the way of N Orleans. I feel myself highly obligated to you for the promptness with which you have notified me of this fact. I am happy that your friend Dr Gray has had the opportunity to examine my plants with you still. I sincerely regret that the cause of Science has suffered by the delay of the exploring expedition, delays which must be vexatious; & which to say the least are not honourable to the individual or individuals who have caused them. I am fully aware that your time during the winter months is fully occupied & I do not anticipate that you could until more at leisure devote much attention to my plants. The new plants of Mr Nuttall are numerous even beyond anticipation. The description of them will be an extremely valuable addition to your work. I am highly gratified in learning that the first portion of your work will shortly be in the press. I have twenty four dollars in N Haven which I shall direct to be sent to you as part payment for 2 copies of the work. I am aware that I must have committed some errors in labeling my plants - especially in relation to the Gramineae

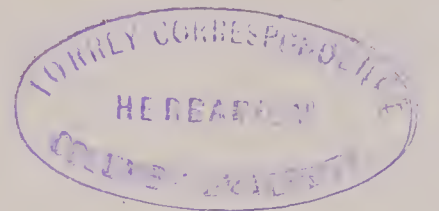
+ Cyperaceae & also in regard to that broad some genera  
Aster. My investigations have been for the most  
part unaided by the opportunity of observing the  
collections of others. I hope the editing of the new  
edition of Michx's Forest trees will fall into  
able hands - as you very justly observe the original  
work needs many corrections

You may calculate on my doing all in my power  
to investigate the flora of my frontier during the ensuing  
season but I am afraid that I shall not do all  
that I am desirous of doing as I have no one at present  
to do my duty in case I leave my post

I remain Very sincerely,

Yrs M. Seaverworth

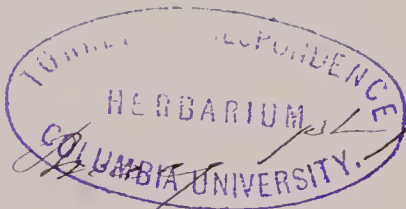
John Torrey M.D. -





And. July 5th 1838

Camp Salina S



My dear Sir  
By the last mail this command received  
an order to proceed to Florida being appointed  
with it will be my duty to accompany it  
(we are bound for Tampa Bay (Fort Brooke) & shall  
leave this in about 10 days - What may my  
destination after my arrival is uncertain  
but so soon as I am able I will inform you  
I shall remain there until this season the next  
year if my services are required at which time  
I shall make an effort to obtain a furlough &  
as I shall have been on duty near 10 years  
you may depend upon my making all the Botanical  
collections which my opportunities may admit.  
I am afraid these opportunities during the inactive  
period of the summer will not be frequent  
I shall forward the my collections to a brother  
in law resident in your City. I do not think  
there are many things that I have not furnished  
you. Mr C S Sperry is the gentleman referred to, his  
street or to I am not informed concerning  
He will instruct to let you have the boxes for  
examination if you desire. I will remain

that the specimens are but few of them labelled  
in fact they are for the most part put up  
as they were collected & in some instances injured  
from frequent removals. I anticipated that  
I should have received a letter from you before  
this time. Its non reception is doubtless owing  
to the multiplicity of your pursuits

Yours Truly  
J. T. Townsend

Remain Very Truly  
Yours  
G. L. M. Lavenworth

And. July 5<sup>th</sup>

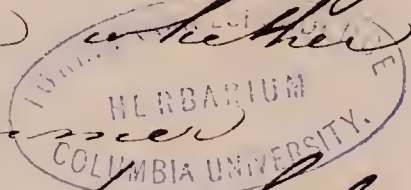
New Orleans May 22<sup>d</sup> 1838

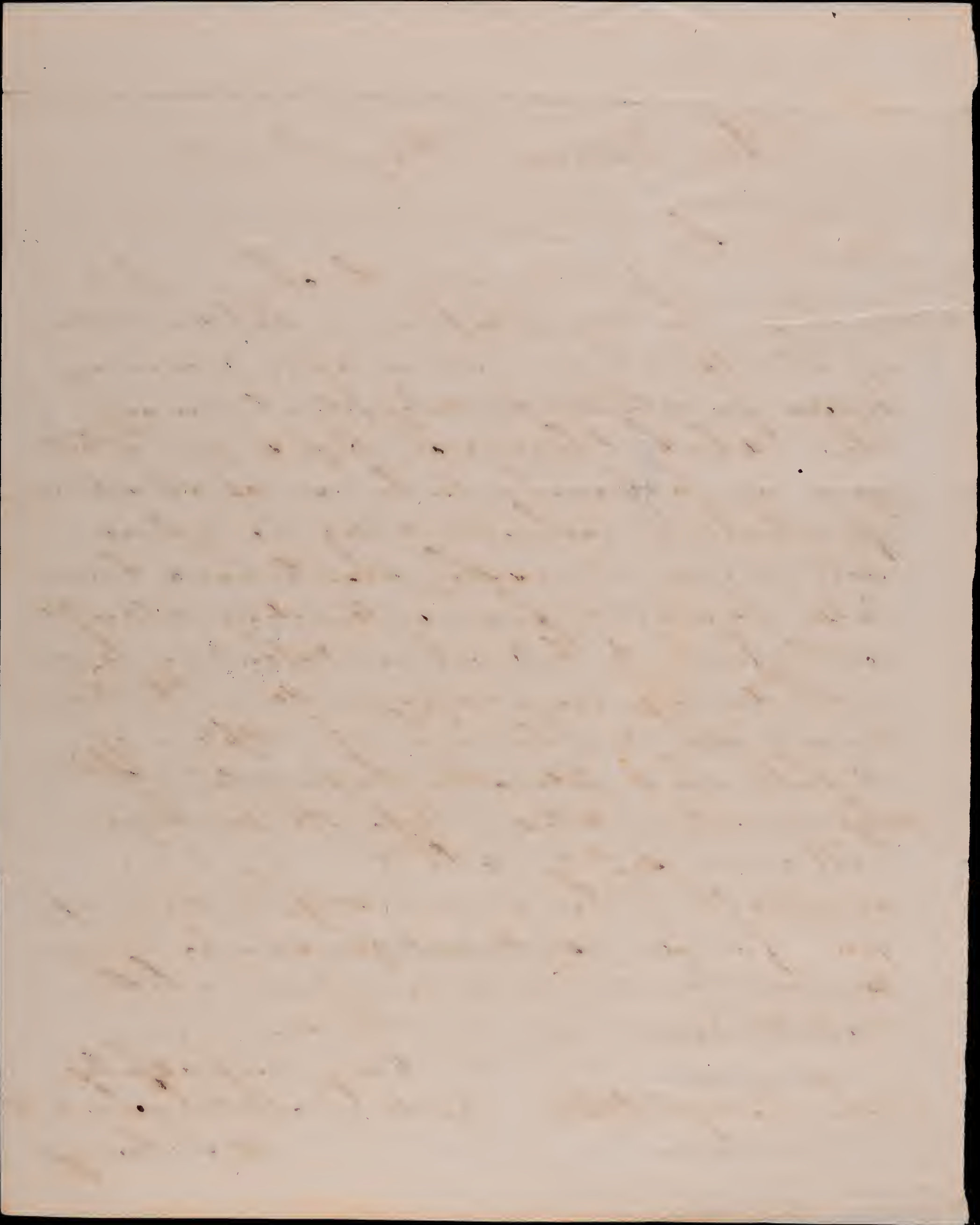
My Dear Sir

I forward under the charge of Dr Lee  
on board the Brig Sheikstain a small collection  
of plants made in Texas after receiving  
orders for Florida. The only plant among  
them which I have not before forwarded  
you is the *Cacalia Tuberosa* of the specimens  
of which I am ashamed to say are not as  
well preserved as they should have been  
I also forward a few interesting plants  
received from Dr Hale whom I spent an hour  
with during my voyage down the River  
Among the number are the *Aplera* of  
Kutall the *tripteralla capitata* & the  
*Syena Fluviatilis*. I hope the package  
will come safely to hand & may prove  
acceptable either to yourself or some of  
your friends I shall sail for Tampa Bay  
tomorrow but it is uncertain whether  
I shall remain during the summer

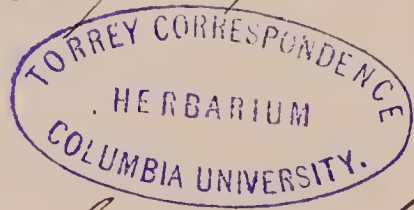
John Torrey M.D.

Very Respectfully  
Yours  
G. B. H. M. C. Seavenworth  
W. S. Hoey





Fort Meunier (Florida) Aug<sup>3</sup> 1838



My Dear Sir

I had the pleasure of receiving your  
very agreeable letter of July 5<sup>th</sup> (via Tampa Bay  
by the last express). I am happy to learn that you  
have made such progress as you have done in  
publishing your observations & equally gratified that you  
have so able an adjutor in your arduous labors.  
I regret that the package of plants forwarded  
per the Bay (the Captain not a Boy) has not been received  
but my regret is the less as you will receive  
most of the interesting plants contained in that  
package from Dr. Hale, & late letter from this post  
gave some account of the new or rare plants that  
I had met with since then. I have once been out  
with a scouting party & took a circuit of 35 or 40  
miles. I have also been twice to a new established  
post 12 miles distant (Manapahau) on professional  
business but do not leave the post so often as  
I would do because I am the only surgeon here  
the vicinity abound in Savanna or Prairies  
of from 100 to 1000 acres. They are level & often contain  
small ponds & at wet seasons very wet but this  
year almost every where present a dry firm  
surface. Orange Lake & numerous smaller ponds  
are found in the vicinity & all of them abounding.

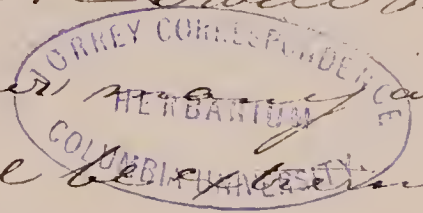
in aquatic plants such as yet I have none that  
I have not observed elsewhere

I have met with a few rare plants since my last  
among these are good specimens of the *Podostegia pubescens*,  
Elliott & some of the *Cyperaceae*. I will toward fall  
forward you such collections as may be in my  
power. They can readily be forwarded to Charleston if not  
to N York. Will you please to name some individual  
in Charleston to whom I may forward them.

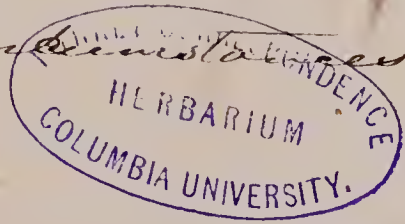
My copies of your Flora you will please forward  
to the care of A. H. Cole Esq. Butler Bluff Fort Mifflin or  
Black Creek & F. The one directed to myself at  
Mecapin & Florida. The other to Chas. M. Cornick M.D.  
Apt Surgeon U S Army which Mr Cole will forward to  
his stations of which I am not at present precisely  
but know that it on this side of the Secretary  
that can be done in obtaining subscriptions  
for your work shall be done. I know that under  
the best auspices that the work will not afford  
you any pecuniary compensation which would  
pay you for the labour bestowed. I think myself  
authorized to request you to forward a copy of  
your work to A. H. Gray M.D. Surgeon U S Army at  
Fort Jessup La. Should he not take it I will myself  
be responsible for it. Whenever your name is  
mentioned permit you to write I shall be extremely  
happy to hear from you.

J. Torrey M.D.

Very truly  
Yrs. S. M. Leavenworth  
Apt Surgeon U S Army



Dr Lightner had as I am informed devoted much  
time to the collection of the plants of the southern  
extremity of Florida his collections must have been  
valuable My Brother in law Mr C. S. Sherry has his office  
in Pine Street if I recollect aright I requested Mr Lee  
of the Army to take charge of the package Florida  
is this season healthy Col Harney will immediately  
proceed with 250 mounted men in the direction of  
the mouth of the Suwanee I should be well pleased to  
accompany the expedition did circumstances permit  
Lee



Eng. about 5 Vears

Watsonville  
Cal. August 93

J

John Torrey M.D.  
Professor of Chemistry & Botany  
University of New York  
New York City



10/10/10

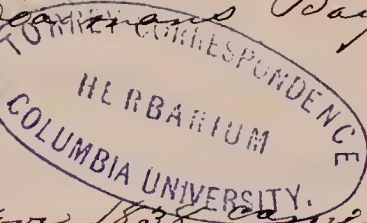


Recd. July 11<sup>th</sup>.  
1839

Fort Frank Brooke Near ~~St. Marks~~ Bay Middle Florida

My dear Sir

Aud. May 28<sup>th</sup> 1839



[10. Jan 1839]

Yours of the 24<sup>th</sup> Nov 1838 came to hand a few days since, I am gratified to learn that the Box of Plants came safely to hand as well as my very imperfect Catalogue, The interesting Genus *Chapmania* is found in great Abundance South & around Fort King growing on the arid Sand hills. Other specimens are among the plants in the Box to Package. It is not found around Fort Mcanopy. The Box contains my whole Summers collections. My specimens of the *Pistia* & *Symbium Batoni*? (if it be so which I am inclined to doubt) unfortunately became mouldy on the march.

The new plant *Valeriana* I should at once have referred had I been governed by the grouping of the flowers alone. It is really difficult to find anything new, *Batoni* was certainly an industrious Botanist. I was probably at *McAnopy* or its vicinity.

The *Campanula* I did not minutely examine subsequently to gathering as I did not wish to injure the specimen.

The 2 Numbers of *The Flora* have not yet been received but I trust they will by the return of the Steam Boat Board from St. Marks which will be in the course of 5 or 6 days - I anticipate a great treat in looking over them. I have applied for a few months to take effect between the first of May & the 1<sup>st</sup> of June next I hope I may obtain it. Some relaxation after near six years of <sup>continued</sup> duty will be desirable

I should be pleased to arrange my Catalogues in conformity with the Natural system, but I have but few books with me & none arranged on that system.

After arriving in Middle Florida I spent 3 weeks in the Oaky woods 30 miles east of Tallahassee for the last month I have been at my present Station which is on the Stena hatchie 4 miles from Sea Mans Bay.

I think I may remain here for some time. This vicinity has probably never been visited by Botanists & may in the proper season afford interesting Plants. The necessity of agreeable avocations will induce me to make all the collections in my power. The

following is a list of plants observed since leaving

- |   |   |
|---|---|
| <i>St. Meander</i>  | <i>Coccoloba</i> <i>Scapifolia</i> E          |
| <i>Chara</i> <i>Vulgaris</i> (Blue Spring)                              | + <i>Smilax</i> <i>Rotundifolia</i> Nuttall   |
| <i>Sabbatia</i> <i>Calycosa</i> , Var.                                  | + <i>Quercus</i>                              |
| <i>Andromeda</i> <i>Shorea</i> (common)                                 | <i>Solidago</i> <i>Sanceolata</i>             |
| + <i>Sium</i>   | + <i>Scollia</i> <i>Odorata</i> L             |
| <i>Viburnum</i> <i>Obovatum</i>   | <i>Spizella</i> <i>Lochea</i> <i>Hastata</i>  |
| <i>Panicum</i> <i>Mezianum</i>  | <i>Arnica</i> <i>Repens</i>                   |
| <i>Acer</i> <i>Barycarpum</i>   | <i>Gentiana</i> <i>Catesbeii</i>              |
| <i>Decumana</i> <i>Sarmentosa</i>                                       | <i>Carya</i> <i>Aquatica</i>                  |
| <i>Viola</i> <i>Palmata</i>   | <i>Sium</i> <i>peruvianum</i> (sea shore)     |
| <i>Pepus</i> <i>Angustifolia</i>  | <i>Hesperis</i> <i>Trinctoria</i>             |
| <i>Fragaria</i> <i>Virginica</i> (Oakly Region)                         | + <i>Diacephalum</i> <i>Obovatum</i>          |
| <i>Thalictrum</i> <i>Revolutum</i> E                                    | <i>Collinsonia</i> <i>Amorosa</i> (oaky wood) |
| <i>Diacephalum</i> <i>Obovatum</i>                                      | + <i>Syena</i> <i>Trinctoria</i>              |
| <i>Nuttallia</i> <i>Cordifolia</i> (between St. Meander & Newmansville) | + <i>Hedera</i>                               |
| <i>Lupinus</i> <i>Villosus</i>  |   |
| <i>Perisperm</i>  |   |
| <i>Sparganophorum</i> <i>Denticulatum</i>                               |   |
| + <i>Bidens</i> & species among my 10 plants, probably described        |   |
| <i>Phlox</i> <i>betacea</i> (near Newmansville)                         |   |
| <i>Aster</i> <i>Carolinianus</i> (A magnificent species)                |   |

Sabbatia Calycosa. Variety or Species, as I think. Perhaps Walters  
Dichotoma. Leaves lanceolate 3 nerved. thick for the genus  
embracing the stem. Branches dichotomous - some specimens  
much branched. 18 inches high - \* Sium. I did not obtain  
good specimens of this plant. Still I am inclined to think  
it a Sium. Abundant in the large creek formed  
from the Blue Spring 10 miles from Fort White, in water  
1/2 to 2 feet deep. Owing to its situation I did not obtain  
the flowering plant as might have been done. It seemed  
to me the Sium latifolium. Has this Sium ever been  
found at the South? I have also met with another Umbel  
iferous plant not mentioned by Elliott & entirely new to me  
I did not obtain good specimens. I hope to meet with  
it again.

TORREY CORRESPONDENCE  
HERBARIUM  
COLUMBIA UNIVERSITY

\* Quercus. Leaves entirely new  
to me. A scrubby species growing from 4 to 15 feet in height  
first found within 20 miles of the Gulf on the border of  
a Hummock common in this vicinity. <sup>Perhaps</sup> Megilfolia  
Will & Elliott. Leaves on very short petioles. Shaped like generally  
obovate sometimes oblong or nearly so showing above, rather a  
light green, paler beneath, never lobed. Nut, oval immiscerous  
cup shallow nearly sepate. \* Hedeoma. The plant referred  
to is a doubtful Hedeoma. Its scent is that of the Hedeomas.  
In habit it is somewhat similar to the Hedeoma glabra  
Coral Spur Lf. entire. Lower lip 3 parted. Calyx <sup>ribbed</sup> 3 lobate superior  
division much larger rounded lower lip 2 toothed teeth  
very acute - Leaves opposite linear lanceolate serrate.  
Anthers are 2 lobed filaments longer than the tube of the corolla  
I will hereafter furnish specimens. I would not be surprised  
if the plants were new. Found on the high sandy bluff of  
the Santa Fe at Fort White also on this River. Shrub hatchee

fruit  
unknown

at the time I gathered my specimens - I was nearly past the flowering  
stage - I hope you will as you propose to do make some  
further remarks upon my plants in your next letter  
Please to let me hear from you when your numerous  
avocations will admit

[ask Dr. L. to visit Aspetuck & Apetuck during his furlough]

TORREY CORRESPONDENCE  
HERBARIUM  
COLUMBIA UNIVERSITY.

*Decorative flourish*

MASS. EX  
JAN. 21  
1839  
F. L. O. P.

John Torrey M.D.  
Prof. Chemistry & Botany  
University of New York  
New York City

TORREY CORRESPONDENCE  
HERBARIUM  
COLUMBIA UNIVERSITY.

and direct to the care of the U.S. Master at St. Marks  
who will forward my letters.

Yours Very Truly  
Yrs

J. Torrey M.D.

Feb 11<sup>th</sup> The Boat has returned

Mr. Seasonworks

but the books have not come to hand. I hope they will not  
be lost

62/ And Fort Frank Brooke Mo March 1st 1839  
May 29 to 1839

LIBRARY  
NEW YORK  
BOTANICAL  
GARDEN

My dear Sir

The first part of your work reached me sometime since but the 2<sup>d</sup> part has not yet been received but I hope it may come to hand before long. The review of that small portion of the work received by me interests me very much & is what I anticipated from the great amount of your materials. In a very few instances the range of S. & W. plants might be extended but the number of instances is extremely limited.

I am promised a furlough in May or June provided my services are not imperatively needed. I think therefore that I shall probably obtain one. Will you recede farther advice from me please to detain my Nos of the work. I shall request my Brother in law Mr Sperry to advance me you for me the additional amount of 15 dollars.

The Botanical Season is now opening & I shall try to add to my knowledge of the Flora of this Region.

I subjoin a list of Plants observed since my last some of which are not found in any former catalogue

- \* Astragalus Obcordatus E. in flower
- \* Vicia Acutifolia E. In flower
- \* Alex. Sarcifolia B.
- \* Ulmus Alatus In flower
- \* Tillandsia Bartramia
- \* Pyrea Gracilis (Banks) Steud. hatched
- \* Gracera Prostrata
- \* Adiantum Pedatum

\* I am inclined to think that Florida is the native country of the  
Germes Chicadoid  
Given by A. M. VAIL.

- \* *Cornallobera* *Boon lobera* (In flower)
- \* *Rumex* *Brittanicus* & *Banks* *Stenohatchie*
- \* *Salix* (In flower)
- \* *Quercus* *Catesbeii* (In flower)
- \* *Styfo* *Grande*
- \* *Carices* 2 Species

*Pinguicula* *Pumila* (In flower)

*Elatior* (Do)

*Hesperis* *Rotundifolia* (In flower)

*Viburnum* *Obovatum* (In flower last of month)

*Hypoxis* *Fillefolia* (In flower)

*Oenothera* *Aquaticum* (Muddy Banks *Stenohatchie* very common)

*Asculus* *Pavia* — In flower

*Acer* *Rubrum* (In flower in Spring)

*Jasycarpum* — Flowering

*Epilobium* *Sticticum* (In flower)

*Saurus* *semiculatus* (Flowering)

*Cercis* *Canadensis* (In flower)

*Opalis*

*Utricularia* *Detocla* (In flower 2 March)

*Viola* *Palmata*

*Sarcelata* { In flower

*Cupulata* { 1st Feb

*Cyperus* *Disticus* (1st Feb)

*Vaccinium* *Myrsinites* In flower

*Spergula* *Arvensis* (introduce with forage) (In flower)

*Cardamine* *Hirsuta* (Var *Stolonatum*) (In flower)

*Syrinchium* *Bermudianum* (In flower)

*Prunus* — (seeds *Chucasa*) — (In flower — native)

*Vicia* *Caroliniana* (in flower)

*Phaca* *Villosa* (In flower)

*Chaptalia* *Integrifolia* (In flower)

*Carpinus* (In flower)

*Ostrya* (In flower)

*Juniperus* *Virginiana*

*Polypodium* *Hexagonopterum*

\* *Astragalus*. *obcordatus* Elliott. Procurrent, leaves for  
the most part obcordate sinus deep. Plant very sparse smooth  
Flowers as described by E. Pale purple not white. Legumes  
not yet matured but probably oblong & acuminate with  
the style - \* *Vicia* *Aculeifolia*. Legumes seemingly never more  
than 4 often but 2 very acute <sup>pedicels</sup> terminated by a <sup>small</sup> seed  
Flowers usually 8 or ten. Very common in low flat places  
in the vicinity of Fort Van K Brooke.

\* *Alex* *Laurifolia*. its frondation. Leaves very entire  
elliptic, often nearly obovate, rounded acute by the termination  
of the midrib 2 to 3 inches in length, semi persistent. Berries  
generally three sometimes 4 on a common peduncle  $\frac{1}{4}$  -  $\frac{1}{2}$  of an inch  
in length each berry on a very short pedicel. Common peduncle  
& termination of the branches subterminal. A small tree  
15 feet in height with a whitish bark -

\* *Tillandsia* *Bartamea* agrees with Elliott's description very  
different from the species contained in a former collec-  
tion. \* *Nyssa* Probably *Grandidentata*. Leaves on Petioles  $\frac{1}{4}$   
inch in length irregularly shaped often nearly obovate  
with a few large dentures. Often in Wet Hummock but  
not confined to such a very large tree -

I am informed that Dr Chapman intends to address  
me a letter I shall be pleased to correspond with  
him. I should like to meet with him, the residence  
is only miles west of any point that I can antici-  
pate that I shall be at. I hope if I visit the East to  
have my collections worth your acceptance.

John Torrey M.D.

Yrs Truly M.C. Leavenworth

ATLANTA, GA.  
MAR 8  
1839  
FLOA

*J. D.*

John Torrey, M.D.  
Professor of Chemistry & Botany  
University of N York  
N York City



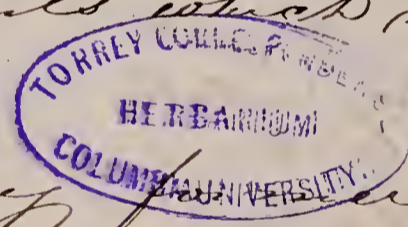


Rec. June 3<sup>rd</sup> Fort Frank Brooke M & May 13<sup>th</sup> 1839

and verbally  
My dear Sir

Near the close of the month of Feb or the first of March I addressed you a letter in which I requested you to retain the numbers of your flora. I also gave a list of some plants then in flower. Below I subjoin a list of those observed since. I trust I shall see you in propria persona in the course of the summer. I think there is reason to believe I shall do so nevertheless.

It is no easy matter get away from this territory. In my last I particularly mentioned a species of astragalus which I believed to be the glaber of Michx. My Texas species which I supposed might be the glaber is precisely the same with the plant found in this vicinity. Since that time I have a few found a few plants which may prove to be undescribed.



Plants not noticed in any former list.

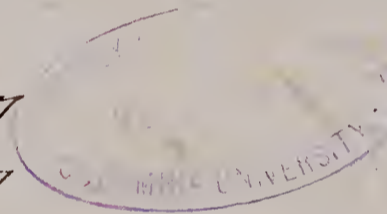
- Leucanthus Virginicus
- Periquetia Elation
- Salvia lyrata
- Ara Palens. (E)
- Melica glabra
- Viburnum dentatum
- Savignatum (E)
- Centroseca laevis lanceolata
- Phlox subulata March & Apr
- Allium inodorum March & Apr
- Amaranthus Alousasco Apr
- Hypoxis Graminea Apr
- Lonicera tetraphylla
- Helianthemum corymbosum Apr
- Eragrostis Philadelphiceum Apr
- Senecio Solatus Feb to May

- Andropogon Moriana Apr & May
- Clematis cylindrica Apr & May
- Widonia May
- Styrium ampliflorum
- Habis Rhomboides Apr
- Polygala Ambigua Apr & May
- Grandiflora var
- Glycyne deformis (E) March
- Leptopoda puberula common
- Prunus Caroliniana March
- Virginiana Apr
- Calafogon pulchellus Apr & May
- Priestera floridana Feb & March
- Morus Rubra
- Gleditsia Trinacris May
- Zanthoxylum tricarpeum May
- Adiantum pedatum
- Arum Dacotium Apr & May

*Platanus trifoliata* Apr  
*Hydrocotyle Senebala* (confluent bank)  
*Scrophularia* *Marylandica*  
 \* *Phyllanthus Obovatus* Apr + May  
*Polygonum Ophioglossoides* Apr + May  
*Vaccinium Frondosum* Apr  
*Samolus Cyrtosmoides* (in flower)  
*Carex Dasycarpa* (sexual  
 var. & others)  
*Scirpus Lacustris* (for 2 species  
 probably undescribed)  
*Carex Canadensis* March  
*Panicum Megalocarpon* Apr  
 (one species undetermined)  
*Scleria Elegans* Apr  
*Carex Tenax* (St. probably)  
*Juncus Breweria* Apr + May  
*Carex Crispifolia* - Apr + May  
*Elymus Prostratus* May  
 (+ 1 species perhaps new)  
*Taraxacum Dactyloides* May  
*Asclepias Purpurea* May  
*Dichromena Leucocephala* May  
*Dioscorea Humilis* May  
*Colts Occidentalis* May  
*Syrax Glaberrima* Apr  
*Dracopis -*  
*Dichromena Latifolia*  
 \* *Stellaria* (A new species) May  
*Stellaria Ligustrina* May  
*Carex Hondensis* Apr  
*Sis. Hexagona* (E) Apr + May  
*Bumelia Rectinota* (Bay Gals.)  
*Hibiscus Scaberrimus* (in flower)  
 \* *Scleria Puniciflora* - Apr

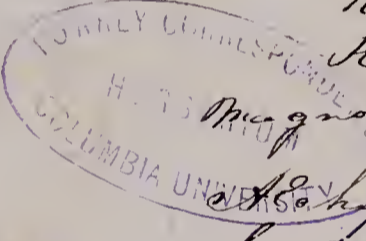
*Tridacanti Rusca* (Apr + May)  
*Decumaria Sarmentosa* )  
*Fittia Pubescens*  
*Staph. Advena* Apr + May  
*Ruellia Strepera* Apr + May  
*Oblongifolia* - do  
*Amorpha Umbellifera* do  
*Nymphaea odorata* do  
*Pterocaulon Pycnostachia* do  
*Sagittaria Lanceifolia* do  
*Gramineae* do  
*Asclepias Amplexicaulis* do  
*Tuberosa* do  
*Verticillata* do  
*Acerates Longifolia* do  
*Tragia Ramosa* - do  
*Eriacaulon Villosum* do  
*Gnaphalium* do  
*Polygala Baldwinia* do  
*Polygona* do  
*Pana* do  
*Sutea* do  
*Cruceata* do  
*Verticillata* do  
*Saturea* do  
*Acutifolia* do  
*Incanata* do  
*Acutifolia* do  
*Neottia Toxicaria* (of E. or new) do  
*Stytosanthus Hispidus* do  
*Dichondra Caroliniana* do  
*Prenanthes Aphylla* do  
*Ceanothus Americanus* do  
*Stylingia Sylvatica* do  
*Physalis Giscosa* do  
*Annonia Salifolia* do  
*Andromeda Maryland* do  
*Ajilans* do  
*Olex. Capene* do  
*Pernodes* do  
*Gaura Angustifolia* - do  
*Aster Obovatus* do  
*Ruehneria America* do  
*Quercus* (many species none new)

Other plants noticed in the  
 flowering state  
*Elymus Nuttallii* (March + Apr)  
*Agrostis Juncea* (Apr + May)  
*Lepidosiphon Nuttallii* (March)  
*Lepidosiphon Scandens* (April)  
*Aletris Farnesii* (Apr + May)



*Rubus Trivialis* Apr  
*Villarsia* Apr  
*W. Cabana Carolinae* Apr to May  
*Striota* Du  
*Schrankia Mucronata* Du  
*Verbena Carolinae* East Apr to May  
*Striota*  
*Olea Americana* Apr  
*Gratiola Quadridentata* (Apr to May)  
*Mitularia, Botacea* Du  
*Panicum Pubescens* 2, 3 sheeps  
*Sulfolium*  
*Cornus Paniculata* Du  
*Oxosmodium, Hesperium* Du  
*Solanum Nigrum* (Feb to Nov)  
*Olea Carolinae* Virginica  
*Sambucus Canadensis* March to May  
*Rhus Toxicodendron*  
*Prinos Glaber* Apr  
*Covaceus* Du  
*Alnus Pygmaea* Apr to May  
*Sisyrinchium Pennsylvanicum* Apr to Oct  
*Corydalis Tomentosa*  
*Quercus* - (no other than in former lists)  
*Caryoc. Aquatica* Apr  
*Sambucus Valerandi* Apr  
*Satropka Stemulosa* Apr to Oct  
*Smilax Tamnoides* Apr to May  
*Osmunda Cinnamomea* March  
*Regalis* Du  
*Vitis Aestivalis* - (May)

*Oxycera longifolia* Apr to May  
*Sobelia Palata* Apr to  
*Hieracium Gronovii* (Apr to Nov)  
*Pastorale sp. n. ten*  
*Racemum densosum* March  
*Stamineum* Apr  
*Arboreum* last 4 to 5 May  
*Campanula* - - - (new species)  
*Erythraea Herbacea* Apr to June  
*Hydrocotyle Repens* (Apr)  
*Umbellata* May  
*Pteris Aquilina* Apr  
*Eryngium Prostratum* May  
*Dioscorea Vilosa* May  
*Pteris Lycopodioides* (May)  
*Canescens*  
*Eleusine Indica*  
*Gaura Augustifolia* Apr to  
*Proserpinaca*  
*Willardia Trachispermata*  
*Sium Virginicum* May  
*Saururus Cernuus* May  
*Sium Carolinae* (May)  
*Pontederia Palustris* May  
*Kalmia Hirsuta* May  
*Rosa Lucida* May  
*Magnolia Grandiflora* last 4 to 5  
*glauca* Du  
*Hydrangea Noveboracensis* May  
*Castanea Nana* May  
*Cnicus Lanceolatus* May  
*Myrica Cerifera*  
*Carolinensis*  
*Scutellaria* (The species sent among former collections)  
*blepharata* (May)

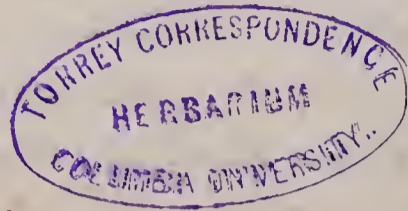


The above as list <sup>is comprised</sup> ~~over~~ within a circuit of six or eight miles around this pool - So long as I may remain in the country I shall catalogue such plants as I find that are unnoticed in former catalogues. Of the above I will briefly notice the new Sisyrinchium. Fruticent stem undivided to the height of 2 to 4 feet 1/2 an inch in diameter dark brown, Branches at its summit 4 to 6, 8 or 9 inches in length brown & terminating in virgate subbranches 4 inches in length upon which are the spikes of flowers - Leaves lanceolate serrate, near 1/2 an inch in width by 2 1/2 or 3 inches in length - much resembling those of a willow

I can assure you that I am extremely anxious to see the several  
Nos of your work that have by this been published but  
I cannot afford to loose them in the mail or otherwise  
I remain Very Truly Yrs

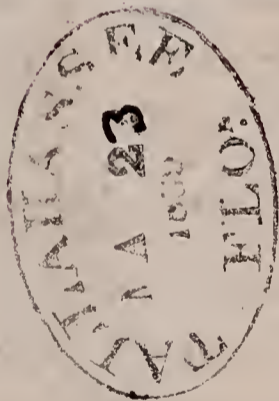
John Torrey M.D.

W. C. Cresswell



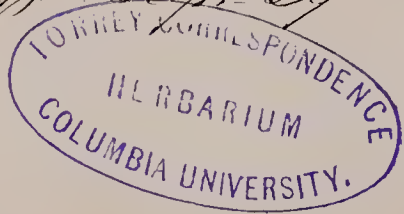
JD

John Torrey M.D.  
Professor of Chemistry & Botany  
University of New York  
New York City



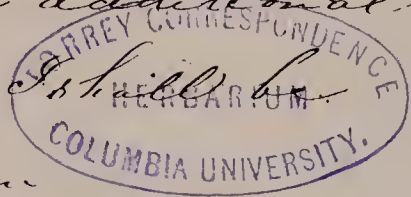
I wrote about ten days since, but the letter was lost by the  
death of the express who was killed by the savages

New York City Sept 29<sup>th</sup> 1830



My Dear Sir

I have anticipated the pleasure of spending  
some time with you previous to my return to  
duty but in this anticipation I have been disappointed  
by unanticipated circumstances. For the purpose of  
obtaining a better station than I might have otherwise  
have given up the balance of my furlough (150<sup>cts</sup> between  
now & four weeks) I shall leave the City this evening  
for the purpose of joining the 4<sup>th</sup> Artillery now at  
Trenton & shall proceed with it to Detroit. Could I have  
anticipated finding you at home to day I should  
have called on you. Whenever I ascertain where I am  
to be stationed I shall inform you. In mean time  
I must request you to take charge of my plants  
Please to select any specimens you desire for  
yourself & if you please also any that you are  
desirous of sending Dr. Hooker. I am assured that I may  
not hereafter make any contributions to your work  
but I shall do all that I can. I hope additional  
numbers will soon be published I shall be  
as anxious to see them

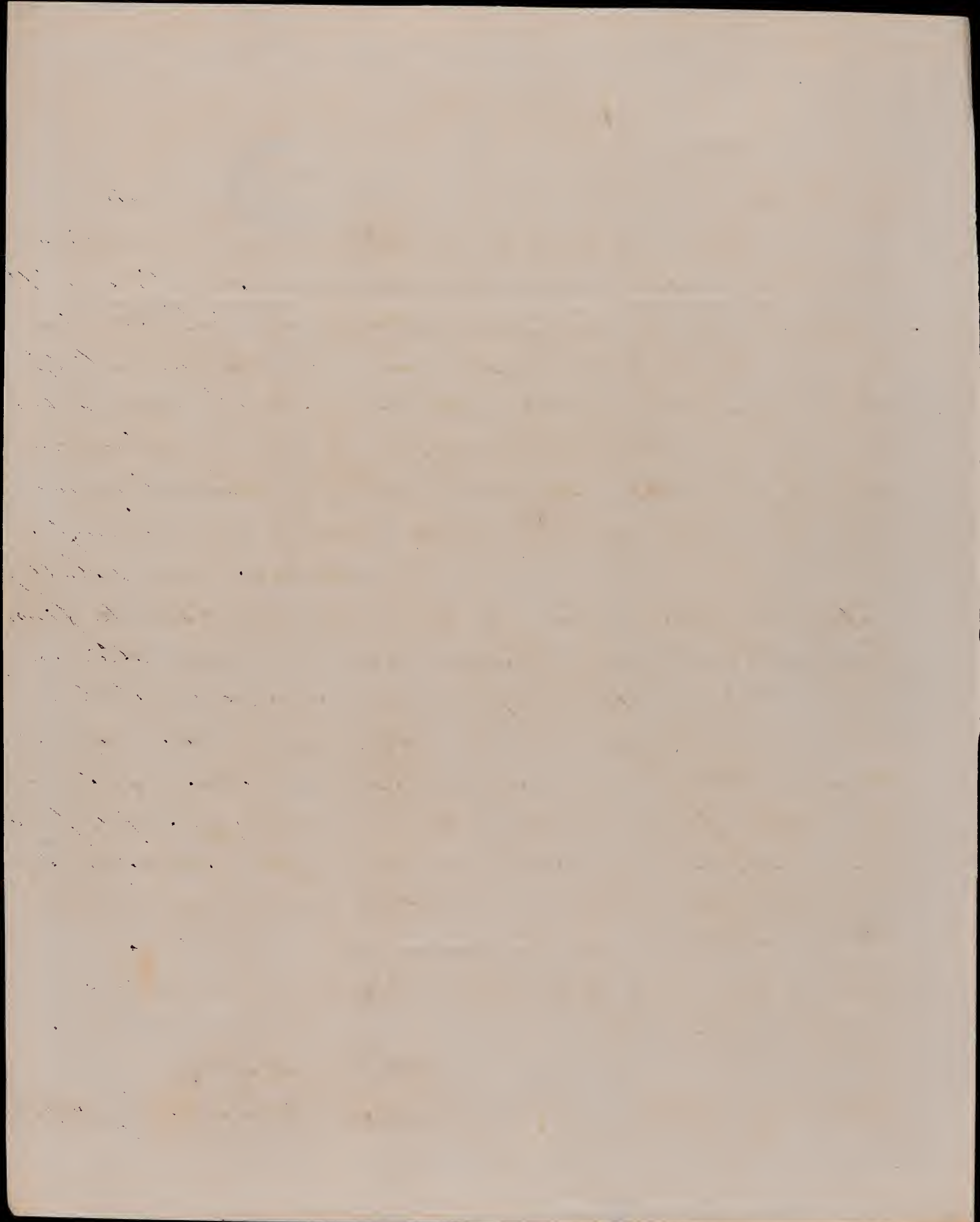


I am

Very Respectfully

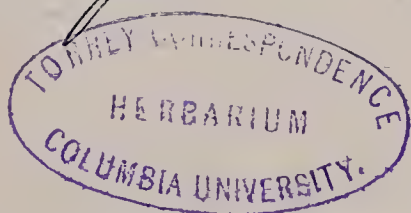
J. O. S. McSweeney

John Torrey M.D.



And verbally

New York June 16<sup>th</sup> 1844

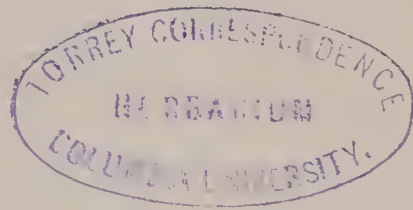


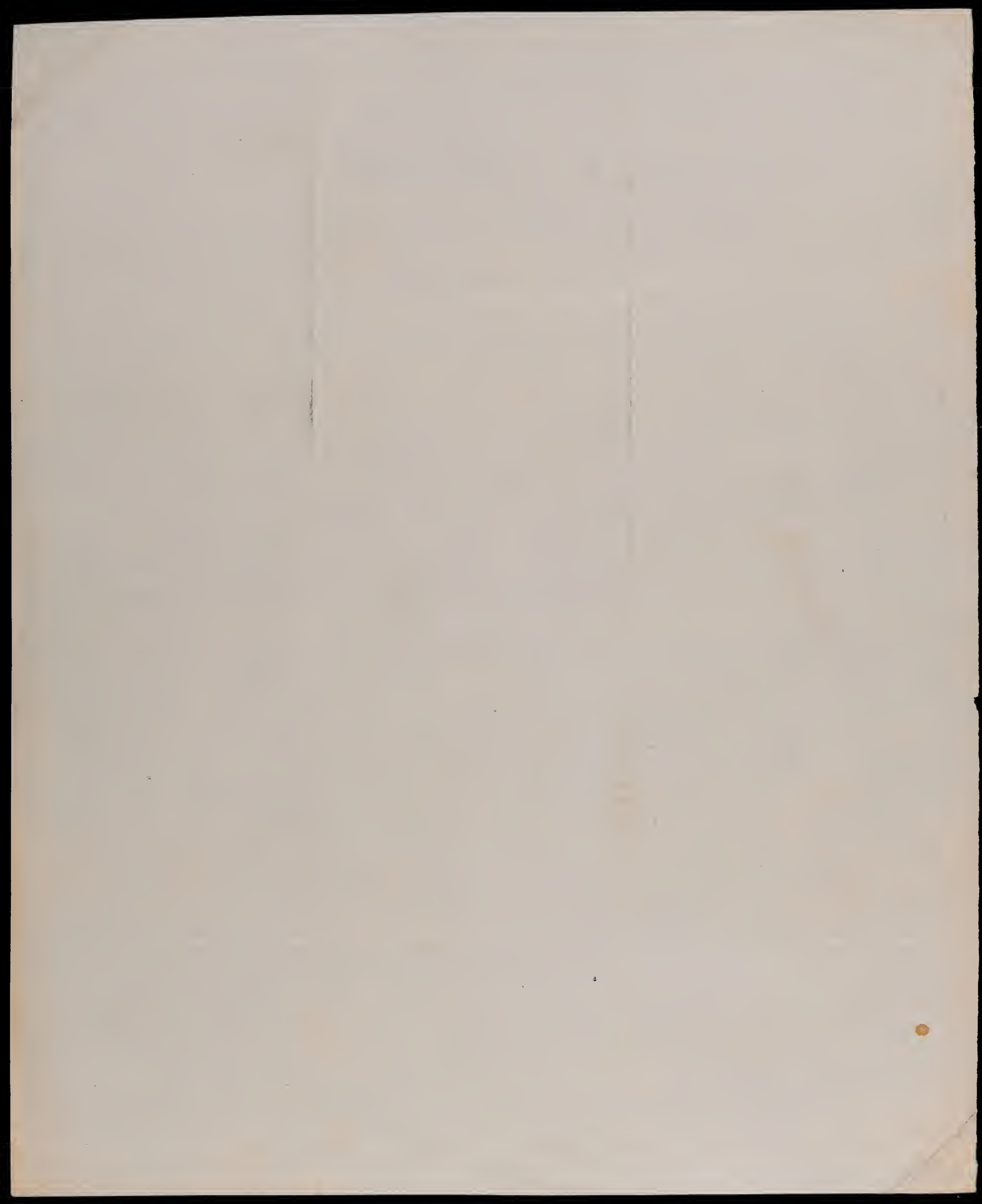
My Dear Sir

Scattered this morning at your residence and it was a subject of regret to me that I did not find you at home. and the more so as I leave the city for my post Fort Gratiot, in the course of the day. I suppose that before this time Dr Gray has returned from Europe. I hope that you are making good progress in your excellent flora. I have not done much this spring in collecting but think I may do more hereafter. I do not know what I may do with my collections of plants but think I shall give all that you think valuable to <sup>the</sup> New York Lyceum directing such as you are desirous of possessing. If your numerous avocations permit you to direct me a line to Fort Gratiot Michigan I shall be highly gratified in the reception of it.

I remain Very truly  
yours  
W. C. Cavenworth

John Torrey M.D.







Waterbury Conn. March 25<sup>th</sup> 1846

My Dear Sir

I suppose you will soon complete the Flora of the State of New York, when published, you will confer on me a signal favour by transmitting me a copy. It may be left in the care of Mr. C. S. Sperry No. 118 Pearl Street N. Y. Observe that Gray & Engelman have published in the Boston Journal of Natural History an account of new Texas plants. It would gratify me to receive that & of the work if you can transmit it to me without inconvenience.

I hope the time will soon come when both yourself & Dr. Gray will have leisure to prepare your great work on American plants for the press.

I often regret that I am not in a way to aid you more than I have done & I would most willingly do more than I have, had I a field to labour in & could I do it without loss to myself. - A Botanist with the Army in Texas would have a fine opportunity to extend our knowledge of the flora of that interesting

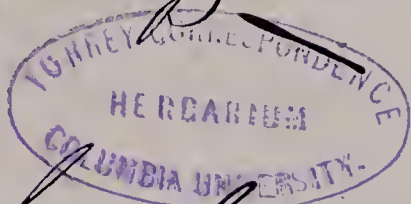
Fremont Very Truly  
Yr friend  
M. C. Leavenworth

John Torrey



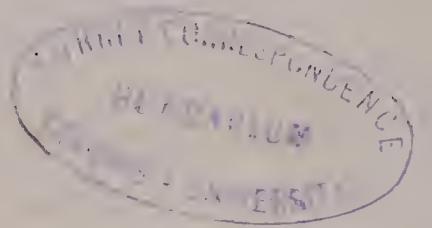
Waterbury Conn Oct 11<sup>th</sup> 1842

My Dear Sir



I trust that by this time the 3<sup>d</sup> part of the 2<sup>d</sup> Volume of your great work upon N. American Plants is issued from the press. If so I shall be pleased to have sent to the care of Mr. H. S. Sperry No 168 Pearl Street. I have seen a notice of the appointment of Dr Gray to a Professorship at Cambridge but have not noticed whether he had accepted it. I hope in a pecuniary point of view it may be worth his acceptance as well as in all other respects. I suppose your course of Medical lectures will commence soon. I trust you will be well supported. It is my opinion that your school stands higher with the medical public than the New School notwithstanding the very great efforts that were made to puff it into notice. I have seen a notice of an expedition to the southern ranges of the Rocky Mountains. I think had I known of it in time I might have been tempted to accompany it even without any great pecuniary emolument. I am at present engaged in the practice of medicine. At best I cannot expect a large income; but I have a degree of health which

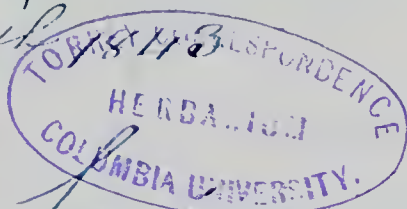
I have not known for many years. Had I the  
facts or did circumstances admit I think I should  
have the same love for Botanical investigations  
that I have had in former years -



[Dr. Leavenworth]  
J. L.

And Waterbury Connecticut

Dec 11/44



My Dear Sir

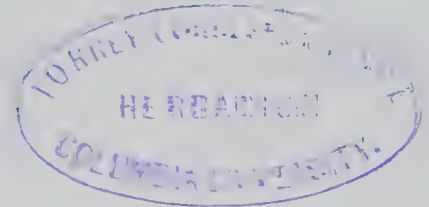
A length of time having elapsed since I have either seen or heard from you, I am induced to address you a few lines, I was in N York a few weeks since, & called at the Medical College & was informed that you were at Princeton I suppose you are now in N York & again in glad to use your own expression, I hope you have this year a goodly number attending your lectures, N York ought to be a great emporium of Medical knowledge, for sometime I have been planted here. If not richer I am healthier than in former years, I hope you have continued to prosecute our favorite science, & that you & Dr Gray can report progress in relation to your great work on American plants, No 3 of Volume 2 I have never received. I suppose that a fourth number is in the press by this time I should be pleased to receive No 3. or any additional number that may have been published. You will confer on me a favour by having them sent to the care of Mr C S Sperry No 118 Pearl Street or if more convenient please to transmit them by the mail. I have contributed but little compared with what I at one time hoped to do.

& certainly not as much as I should have  
done had not circumstances made a change  
in my destination in life.

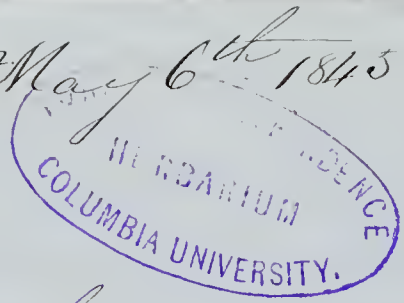
I am still an admirer of Nature & would  
my pecuniary circumstances admit should  
bestow much time upon Botany and kindred  
sciences. I hope that there will be no bar  
to the completion of your work & that  
it may as heretofore make its appearance in  
numbers from time to time, I trust that Dr  
Gray is usefully and pleasantly employed  
& in every respect agreeably situated. As your  
time is so much employed and my corre-  
spondence at this time of little value.  
I cannot ask you to write to me, nevertheless  
I should be pleased to hear from you

I am Very Truly  
Yr friend M. C. Scaevener

Dr. J. Gray



Waterbury Court May 6<sup>th</sup> 1845



Dear Sir

I presume that a letter from me although of no scientific interest will be well received by you, that I cannot occasionally do something for the advancement of a favorite branch of knowledge (botany) is a subject of some regret.

My sympathies are with those that are more efficiently employed. In your last communication to me written about a year since you stated that an additional portion of your great work upon American plants would make its appearance in May if it has been published. I have not received it.

I hope you are making good progress toward the completion of your very arduous task.

I suppose that Lieut. Fremont did something the last season in the way of increasing our knowledge of American plants.

I observe by the papers that he again makes an excursion to the Rocky mountain region. I was somewhat inclined to have accompanied him the last year had circumstances admitted of my doing so. I think my exertions might have added to our existing knowledge. I would willingly accompany him this season provided any arrangement could be made by which my expenses could be paid so that I should <sup>not</sup> suffer actual loss which I cannot well afford. I am the more willing to do this as I do not feel that I am sure of

Fremont

permanently located here. In such case I might do something for you & other scientific friends.

Perhaps if I make collections of specimens for the Scientific Association at Washington an arrangement may be made which will cover all my actual expenses which is all that I should request. My position is not such at present as to be known at Washington. If you see fit you may address a communication to the Secretary at War stating your knowledge of me. - My wish would <sup>be</sup> 1<sup>st</sup> that my expenses be borne so that I be subjected to no pecuniary loss, perhaps this might be done by making me citizen Surgeon to the expedition. 2<sup>d</sup> I should expect the Scientific Association at Washington to have the benefit of any seeds or specimens that I might collect if desired. I presume the expedition will soon leave St Louis but it is probable I might join it before it has made great progress. Please to drop me a line I wish to learn of your welfare, how you are progressing in your great work, & all that it will be interesting for me to learn.

I see that the New York Lyceum is reorganized I hope it will be a useful association.

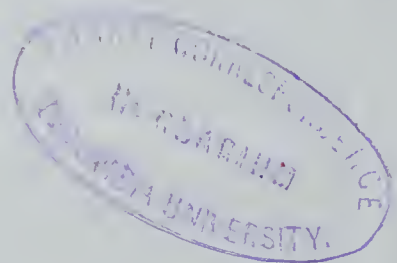
I should be pleased to have you publish descriptions of such of my plants as new in the Annals of the Lyceum. I should particularly wish to see a description of the yellow Cooperia. There are also some new & interesting plants



from Tampa Bay of which I should be pleased  
to see a description. Please to remember me  
to Mrs Loring.

Very Respectfully  
Yr Obs & Devt  
C. Leavenworth

John Loring M.D.



III  
18

John Lory M.D.  
Professor Chemistry  
Princeton

N. Jersey



Waterbury June 3 1845

My Dear Sir

Your favour of the 20<sup>th</sup> May was duly received. I am not surprised that both yourself & Dr Gray have found your time so much occupied as to make but a moderate progress in your *American Flora*. The route of Capt Fremont's expedition is one that must prove interesting in a botanical point of view. I should have been pleased to accompany it, but I was not sanguine that I should have the opportunity. I think there are yet plants remaining unnoticed in Southern Florida. I doubt whether there will soon if ever be any survey of Florida by the government except the surveys for the land office, I shall be pleased to see a description of the *Cooperia* if *Cooperia* it be. Also of the various plants of which I think there are a number undescribed. I should be pleased to do something more for American Botany but it is doubtful whether the opportunity will be afforded me. When your *American Flora* is completed I should be pleased to receive a copy. I hope you will again return you.

labours upon the American Flora are

that there will not any thing occur  
to prevent its final completion

Yours very truly  
Geo M. Peabody

John Torrey M.D.