Ans - Dec 9th 1843
Ans July 18th 1846

Quincy (Fla) November 22. 1843

My Dear Sir

On my return home from a Summer's tour in the Northern States I had the pleasure of finding your acceptable letter of the 26th ultimo giving the pleasing intelligence of a parcel of plants from Mr. Lapham & an offer of exchange with yourself. For some time past I have had this subject in contemplation & have delayed writing to you only from the fear that you are already supplied with my plants from other correspondents or that you did not wish them

I accede to your overture the more eagerly from the fact that I have scarcely a plant from the region West of the Mississippi in my Herbarium and that you have been so fortunate as to detect so many interesting specimens in your immedi=ate neighborhood. For your guidance in making a selection for me I will merely state that any plants peculiar to ~~the~~ Louisiana Texas Arkansas or Missouri or from the region west or north will be highly valuable. My favorite Order is the Cyperaceæ

On my part I shall be able to present you with a nearly complete set of the plants of my neighborhood & several from the White Hills & Key West

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which were collected during my ramble last Summer From the latter place I have several species of Euphorbia which may interest you just at this time but of the other genera which you name I regret to say I have but few species and those perhaps the least interesting

It will hardly be necessary to state to you that I am too far south for the Asters proper but of Solidago I have some valuable specimens Of Cuscuta we have at least one which however I have never examined supposing it to be the old common species but your marvellous announcement of some six new species has astonished the whole fraternity!

If you have a specimen of that Baptisia noticed in the Flora under my B. megacarpa I should be delighted to receive it or any other species of that noble genus from your section My Herbarium is also sadly deficient in the larger genera of Compositæ from the fact that comparatively few of the species are found here & I am mainly dependent on my cor= =respondents for them Of course I should be glad of any of them from you

As I have no agency in New Orleans it will be necessary for you to state what disposition I shall make of my package when it is completed in order that it may reach you in safety & with dispatch

In the hope of a continuation of your correspondence I remain

Yours Sincerely

A. H. Chapman

Address Dr. A. H. Chapman
Quincy
Florida

Package
Care of
C. H. Austin Esqr Apalachicola
or Brodie & Rowles Port Leon

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Dr. George Engelmann
St. Louis,
Missouri.

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Rec^d Sept. 9th
Ans Octob 17

Apalachicola Aug 22d 1846

My dear Sir

It gives me much pleasure to acknowledge the receipt of your favor of the 18th ultimo which came to hand by last week's mail For some reason unknown to me it was a very long time on the way I am pleased to learn that you have put up for me another package of your choice plants notwithstanding I am already indebted to you for the choice specimens which you kindly sent me three years ago – I am now able to inform you that there is in New Orleans or Louisville or at some intermediate point a package of Florida plants for you confided to the care of Prof. Short which I hope will reach you in safety

This package has been ready for you for more than two years & I have retained it in the hope of finding some secure way of sending it to you – I have lost so many of these "Love's labors" through the carelessness of Ship Masters & Steam Boat agents ~~that~~ that I deem packages thrown away when confided to their care

It is a little singular that having been more or less employed in the investigation of our native plants for nearly Twenty years I should never have detected a single specimen of Chara – I know nothing of the genus never having seen a species The same remark applies to Isoetes – There is an abundance of Cusculta around this city which will probably prove to be your C. neuropetala as the Hab. (St Marks) in Rugels collection

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is on the coast some 50-60 miles east of this city - They are now coming into flower & it will be my endeavor to collect a quantity in fl & fr. which will enable you to decide the point - Have you a spare copy of your paper on these plants. I notice that the species here prefer the Magnolia glauca & Pinus laricgatus & they twine around the stems of these plants in ridges as large as my little finger - The tube is cylindrical & longer than the lobes - no glands on the calix or cor: - If I am not mistaken you will find the Quincy variety in the package now on the way to you -

My time is so fully occupied in the duties of my profession that few opportunities occur to collect plants still I have done a little in the way of exchanging & I find the vicinity of this unusually rich in interesting plants & several have been de= =tected which appear to be new - The Sarracenia Drummondi, Croom is profusely abundant & was first detected here by Drum^d in the Spring of '35. It is the handsomest of our species - The Baptisia from Arkansas must be different from mine as the racemes in the latter are very short Lake "Jamonia" is in the northern part of Middle Florida near the Georgia line 20-30 miles N.E. from Tallahassee - St. Marks is the Port of Tallahassee situated on a river of that name 20 miles South - The first year of Mr Rugels operations here ~~here~~ was spent in exploring Middle Florida having Tallahassee as his Head quarters Last year he was in the Southern part mostly near Tampa Bay - I am not informed of his present whereabouts - I am indebted to you for a copy of Lindheimer's plants for which please accept my thanks - I really hope that ~~in~~ among the plants from Texas I shall find the species of Xyris enumerated in the Catalogue I am looking into this Genus with a view of publishing my observations on the Florida species & if I had the materials I would extend the notice so as to embrace an account of all the N.A. species

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They are very abundant in this State & with the cursory view which I have thus far given them I am induced to believe we have 8 or 10 species in the immediate vicinity of this city You know that they are unfit for examination except in situ the flowers are so tender

About a year ago I published a list of Florida plants in the Louisville Journal with a request to Prof. Short that he would take the trouble to forward copies to my correspondents Did you receive one It presents a view of the Botany of Middle Florida so far as my observation extends & no plant was admitted which I had not examined

If at any time duplicates of plants from the Northern or Western Territories Oregon or Rocky Mts. reach you & you cannot make a better disposition of them I should be charmed to receive them although in return I can only furnish you Florida plants - I can af. you with the greater prospect of success inasmuch as from your position you are conversant with all Western expeditions

The only plants I possess from these remote regions are Gillia & Chrysis both cultivated specimens from New York

But I am taxing your patience It remains for me to thank you for this second offering in the way of exchange & to regret that you have not received an earlier manifestation of my desire to continue your interesting correspondence

I remain

Yours Sincerely

A.W. Chapman

Dr. Geo. Englemann

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P.S. The package was forwarded to the care of Pitty, Lonsdale & Gray New Orleans addressed to Dr. Short. & contains a fascic. for the Dr Mr Mead & yourself

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Myosotis sonnosperma

Dr. George Engelmann,
St. Louis,
Missouri.

PAID
25
APALACHICOLA FLA.

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Rec'd April 28th
Ans Aug 29

Apalachicola April 9. 1849

My Dr. Sir

I believe I have been long your debtor in the way of correspondence which has been in a great measure caused by my inability to pursue my Botanical labors with the zeal I was formerly accus=
=tomed to do And at present I have very little of interest to communicate to you but address you principally to thank you for several nice papers on Botanical subjects for which as I suppose (judging from the superscription of the packages) I am indebted to your kindness I am more especially reminded of this by the receipt of 2 days mail of a splendid paper on the plants of New Mexico - the joint work of yourself & Dr. Gray, which I have looked over with great pleasure But I am so far behind the age in our Science that I cannot appreciate duly all the discoveries which are continually being made by our Western explorers. The duties of a Governmental Office during the Winter so fully occupy my time that no space is left for Botany & the infirm state of my constitution will not admit of exposure to a Southern sun in the Summer & all that I now do is to nibble a little around this city & still I find some choice things of which I have packed for you a considerable package, nearly ready to send forward to N. Orleans I will mention some of them - a shrub intermediate between

APR 5 1875
ANNEX MISCELLANEOUS

10

George Englemann, M. D.
St. Louis,
Missouri

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Recd Dec 11th
Ans Dec 20

Apalachicola Nov 24. 1859

Dr. Geo. Engelman.

My dear Sir:

Just before leaving Cambridge for this place, our good friend, Dr Gray, handed me your article on Monanthochloë, and I have just received your very elaborate paper on Cuscutineae, for both of which I am greatly obliged. What a laborious and persevering student you must be! and what a vast amount of research the latter must have demanded!

Whatever estimate others may place upon your labors, I know not, but please imagine your humble servant to raise his hat in grateful acknowledgment.

I know almost nothing of Cuscuta, and in my Flora merely adopt your characters for such species as you informed me were to be found in my beat. I once thought of asking you (and Gray wonders I did not) to do up these, as also the Sagittaria and Euphorbia, for me, but I feared it would scarcely be proper to tax your time and good nature that far.

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As to your "Menanthochloë", I placed it in Chloideae, as you suggest. It is such a reduced thing that all we can do is merely to guess at its affinities. The long stigmas, the absence of glumes, and some other peculiarities, might suggest some affinity to Oryzeae, especially to Hydrochloa (Zizania) fluitans, which has the axillary and mostly included spikes reduced to 3 or 4 flowers. Can your spikelet be viewed in the light of a contracted or abbreviated spike? A new genus of this tribe turns up from South Alabama, with monoecious flowers, indeed, but each kind is borne on a separate culm, but from the same root.

I have alluded to my work on Southern Botany, which is now going through the press at Cambridge. This being my first effort at authorship, I was not prepared to encounter the perplexities and task-work of proof-reading, but I soon yielded with all the resignation I could command. On the whole I had an excellent time with our good friend Gray, and the best part of my work is to be attributed to his advice. He writes, under date of the 11th inst, that the last proofs reach to cyperus p 570; so they are nearly through.

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I sent in the Green House two pots of Opuntia per-cent, which I forwarded soon after your departure for Europe, two or three years ago. They do not grow, and are scarcely larger than when they left my hands. I think the Gardener keeps them too wet. Did you get any of the plants?

But enough of this gossip. Although I no longer collect or exchange plants, I shall at all times be pleased to receive your communications and

Remain, ever, Yours faithfully,

A. M. Chapman

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Rec'd Aug 17th
Ans Sept 10

Apalachicola Aug 8./68

Dear Sir!

I regret having delayed a reply to your favor of Dec last until this late hour but matters connected with the printing and issuing of my "Flora" have so fully engrossed my time that I had little left for anything else, Some time last Spring I sent you a few joints of Opuntia Tes-Corii by mail and hope they reached you safely. I also requested Dr Gray to send you a copy of the "Flora" from the Office.

Enclosed you will find fragments of three of my Sp Euphorb. The E.E. nudicaulis & Floridana are reduced in my Herb to single specimens neither of which

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exhibit fruit. With the plant found by Prof. Wood at St. Marks I am wholly unacquainted, although that locality is only 30 miles east of this city. Still many of our fodients are restricted to very narrow limits.

I see my E. discoidalis confounded in Herb. Gray with E. Canesii, Engl which it certainly greatly resembles but I think distinct. However I am not at all tenacious in the matter if you do not hold to this opinion.

Hoping that the enclosed fragments will afford you needed assistance in your labors I remain

Very truly Yours

A. W. Chapman

Dr Engelmann

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Recd Nov. 21st
ans Nov 22d

Philadelphia
Nov. 10. 1860

Dr Engelmann

Dear Sir

I have just found the fruit of Opuntia Ficus indica which you will please have been collected — The one has 3 seeds and resembles in red very tenacious pulp.

Yr. Truly
Chas. Mohr

Dr Engelmann

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Rec'd April 7
Ans April 30

Apalachicola Mar 19/66

Dear Sir.

I am in receipt of your interesting favor of the 18th ult. Thank you. I have had and am just recovering from a severe spell of sickness and your letters were just in time and helped me more than all the Doctor's stuff — Now for your queries. The Isoetes I sent you was gathered some ten years ago in a clear pool of shallow water near Marianna West Florida. The formation there is Limestone and the streams are mostly subterraneau. Where they empty into larger rivers they burst out of some cliff or bank and in this instance formed a shallow basin (say one foot deep) ~~before~~ and a rod in diameter. This basin was covered with Isoetes all submerged except where the tips of the leaves floated on the surface

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But the most remarkable circumstance connected with the plant is that in 1837–1840 when I resided in Marianna there was not a vestige of it in that pool. I often visited it in the warm summer days to enjoy the coolness of spot. and then it was a clear open pebbly pool of ~~clear~~ cold water. Where did it come from? The lake in which Rugel collected his I. flaccida is called Iamonia (I-a-mó-ni-a) Lake (not "Tamonia") & is in Middle Florida some 25 or 30 miles north of Tallahassee.

I fear I shall not be able this spring to solve your doubts about the Pinus. I have not now the requisite strength and in our unsettled condition it is unsafe to go into the woods alone. Of Nuphar sagitt. I have but a single specimen in flower from Curtis – no petals on it. The sinuses of the leaves of N. advena here are I think usually closed, but I believe the sepals are 5. I have thought we may possibly have more than one species

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Nymphaea here but probably it runs into several forms according to locality.

Now we will talk of Juncus.

On reviewing J. scirpoides and allies I incline to your last opinion. When I was engaged on the "Flora" I well remember my hesitation to unite J. scirp & J. echinatus. Had I not overlooked the long stamens & styles of the former I think I should have kept them separate. At all events I agree to it now. I am almost certain that my J. echinatus and Elliott's are the same. His habitat & mine are identical: His J. polycephalus & mine are the same unless the flowers & seeds shall be found to differ. I know of only one species with gladiate equitant leaves and this varies much in the width of the leaves (some being slightly flattened) and size of the heads. I should think your n.s. "J. gladiatus" vel Echinatus var gladiatus a form of it if it has the loose divaricate

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cyme of the typical form and the sepals seem to be 1-nerved. but my eyes and glass are poor and I will not be positive. Of course I am not able to dissect these things much and I find my specimens woefully deficient in ripe seeds upon which as a character I place great reliance. But you who lead in Science must be careful in multiplying species and have good and permanent ground for it leaving variables to us to make species of.

I feel disposed to make at least three species out of these Rushes viz

1. J. scirpoides, Lam. (as I suppose) Kunth. III. p 340. (doubtfully) Chap.! (the variety.) Engelm in litt.
J. macrostemon, Gay.

2. J. echinatus, Ell. (doubtfully) Kunth, (probably) Chapm.! Fl. sub J. scirpoides. Engelm in litt. = J. polycephalus, Mich. in part.
J. megacephalus, Curtis! Pl. Willdenyten, in Bot. Journ Nat. Hist.

3. J. polycephalus Mich. in part, Ell. Chapm.! Flora. Engelm. in litt
an J. gladiatus, Engelm in litt ??
What a load of quasi species & varieties this poor thing has to shoulder. I have no seeds.

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Kunth suggest that it should come under I. echinatus. Meyer unites it with I. Paradoxus. This won't do. I must examine the roots of these plants. The last (No 3) is truly aquatic in ponds & streams 3° high, tender often falling into the water by its own weight. The other two grow mostly in low sandy places are rigidly erect the heads turning brown at & after maturity. The number of stamens in I. candatus so far as I have examined varies as you describe them. Strange I had not noticed this. I have not Michaux. Where did he get his I. acuminatus? I always considered Gray's plant as the true one and therefore separated Elliotts from it. But is not Elliotts (my I. Elliottii) and Michaux's the same thing at last. It agrees with Lahaye's description in Kunth very well excepting ~~the~~ "sepalis lineari-lanceolatis"

My reasons for admitting I. acuminatus Gray (I. Canadensis, Gray.) were that Curtis thought he found it in S. Car. and in passing through

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Georgia at a station where the Cars stopped I am almost certain I saw the same thing growing in a ditch beside the track I was so near it as to see the exserted prismatic capsule. I think it was that plant but it might have been introduced there But as I have never examined a Southern specimen you may take this statement for what it is worth

I will here state that I have never in this country met with but one of this group with flat or fluttering leaves and these I refer to I polyaph.

You ask for plants. I have a pretty full collection of duplicates on hand from this vicinity the gatherings of the last four years during which I collected extensively Any ~~other~~ of these are at your service, if you will designate any House in New Orleans to which I could send a package

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The Juncí of this neighborhood are J. J. effusus (tradnous!), setaceus, maritimus, tenuis (seemingly introduced) dichotomus, scirpoides, echinatus, polycephalus, Elliottii, candatus, abortivus, marginatus, & var biflorus, & bufonius (introduced). Cephalueys.

No Luzula.

For future reference I give you the strength of my Herbarium

J. polycephalus. narrow & wide leaf.
scirpoides, Fla.
echinatus Fla & N. Car. (Curtis)
candatus. Florida
"subverticillatus" Pa from Short } probably
"polycephalus" Ill. " Mead } debilis
paradoxus. Vt. Ct. (Eaton)
" acuminatus" Pa (Jackson) like dibilis-erect.
militaris Wenham Lake Oakes - in bud
" n. sp.? abundant around Boston" fragments in bud looks like Balticus
Bufonius
nodosus. from Tor.! Breidw Lake. J & H
dichotomus Florida
tenuis " & North
Gerardi Olney. Oakes
Greenii " "
bulbosus Ct. (Eaton)
" Tor.! Long Island - looks like Gerardi
trifidus. White mountains
Stygius Perch Lake Waterburn Crawe
lamprocarpus. Pon Yan Sartwell - from Olney
acuminatus (Canadensis) Vt.
Elliottii Florida
Conrardi Canada & N. England
abortivus, Fla.

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I. marginatus, Northern with several heads
" Fla. with two larger heads
" " with numerous large heads — a late form
" N. Car. "I. cylindricus" Curtis — a head in litt.
marginatus var biflorus Fla. heads 2-5-fld
Balticus Lapham. Oakes
filiformis. Vt. N.H. White Mts.
setaceus. Fla.
maritimus. Fla
effusus. The cymes here are more diffuse

There are also scraps & fragments which are thrown in and may help out.

Now then don't hesitate to call for any information in my power to give you.

I have nothing more to say except that I remain

Yours sincerely,

A. W. Chapman

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Rec^d June 3^d
Ans same day

Apalachicola May 26, 59

Dear Sir

Yours of the 6th inst. is received I am assisted Officially & botanically by Dr Lauerman of Philadelphia and since the receipt of your letter we have gathered plenty of Juncus Elliottii and 75 specimens of J. scirp. var. gladatus – all we can find at present. It is too late for the flowers of J. Raimerianus, but you are right in your surmise regarding its polygamo-diöcious character. I intend to inclose a staminate flower with its large anthers and abortive pistil.

I inclose my best specimen of Isoetes flac. or chap. and also one I gathered in Lake Dunmore Vermont in 1859, which I want to know what you think of I supposed it to be I. lacustris.

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I intend to supply you with all the Bunci you want but some of them are not yet in flower In the mean time tell me how to send. I can easily send via New Orleans or if you would rather pay the freight by Express via Columbus Georgia

Yours truly
E. N. C. Chapman

Dr Engelmann

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Rec May 4th
answered

Apalachicola April 24/67

My dear Dr. Engelmann

I was just now thinking whether I could be of any assistance to you regarding your labors on our Junci or is it too late.

Ravenel tells me he has collected for you and that locality will I hope supply you with most of our Southern kinds. I have not the strength to do much but am desirous to do what I can for we all are interested in your work

My health is better than when I last saw you but still quite poorly I shall have assistance shortly and then will have more leisure

Please let me hear from you & tell me what you want

Yours
A W Chapman

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Rec'd Dec 21st
Ans Dec 23rd

Apalachicola Dec. 6/67
Postmark Columbus Ga Dec 17

My dear Doctor

At last I have put up all the Dunci I have been able to get together and shall start tomorrow to Columbus Geo where I shall put the package in the Express office

The S. Raunemans is not complete: nothing but leaves & stigmas. and I believe there are not full setts in some of the others — You want their Habitats

1. S. Raunemanus. Brackish or saline marshes, growing with. Paspalum vaginatum. Sagittaria falcata, Scirpus Olneyi, Cladium effusum. &c. March, in fruit May.

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2. I. Elliottii — In fruit in June. Wet sandy places with I. I. bufonius & marginatus, Cyperus compressus, Panicum gibbum, Eleocharis palustris. &c.

3. I. caudatus. Sept. ~~Oct.~~ fruiting in Nov or Dec. Bogs with Sarracenia Drummondi & Psyllacina Eriocaulon decangulare, Myrica Rhynchospora &c 80 sp

4. I. gladiatus — June fruiting in August. Bays & ponds with Nymphaea odorat. Ceratopsis aurea, Orontium aquaticum, Hydrocotyle fimbriata Cirsium Americanum &c. 60

5 I. abortivus, Flowers in Sept. in wet pine woods and ditches with Rhynchospora Panicum ancep Juncus repens & swamp grasses generally 60

6 I. echinatus, July Sandy shores of the Gulf with, Samolus ebracteatus, Scirpus pungens, Spiranthes tortilis, Spartina juncea &c

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Keep me posted of your wants and either I or Dr Saurman will attend to them

In haste

Yours truly

A. W. Chapman

Dr Engelmann
St Louis

P.S. I send Lesquereux & Hooker for you for your Photographs. It is capital - Thank you

In my haste in writing the above I neglected to say that the Proofs you mailed came safely and for the moment puzzled me thinking that they belonged

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to my "Flora" not knowing that they had "stolen my livery" but I am glad the two pets are alike at least in this particular

So you have the Isoetes Dyeri King. How the obscure or neglected things repay examination. Dr Saurman has dredge our bayous for them but thus far unsuccessfully

G

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GEORGE ENGELMANN HERBARIUM

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Rec'd Aug 22
Ans Sept 5th

Apalachicola Aug 14/6

My dear Doctor

I have your of the 23d ult. & in packing up the I seed on hand I find I have but one perfect set – the I Elliottii. – I have the leaves & catkins of I. Raunerianus, (cant get the fi & fr until next Spring.) leaves and flowers of I polin. var gladiatus, (in fruit now.) I. abortivus is now about to flower & I caudatus just budding.

Can you wait until I can get these ~~and~~ (all except I Raunerianus) in full sets? Please say if I shall send on what I have –

Yours truly A W Chapman

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Rec'd Jan 8th
Ans Jan 21

Apalachicola
December 28/67

My dear Doctor

I'm much hurried but will acknowledge your favors of the 9th & 13th inst. The first contained a fragment of Solidago pauciflosculosa and (I am inclined to think) Siphonychia erecta although it is pubescent and Dr. Sauman says the sepals appear separate at the base & the thing is too young to show the radicle. It looks exactly that plant.

The Enocaulon must be E. Septangulare strange that it should turn up so far south. Possibly it may prove E. Ravenelii. I cannot now get time to examine it

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I went up to Columbus about the 17th inst carrying with me the Package of Grasses which I supposed taking receipt for prepayment and enclosing it in a letter to you of that date Hope you have it before this

I dont know if I shall ever do anything more with the Flora but if you find anything new in Hallgard collections please let me know

Yours
A W Chapman

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Rec Jan 13th
Ans Jan 21

Apalachicola, Jany 1st 1868

My dear Doctor

Your of the 28th ult. is at hand. I am glad the Plants have reached you. We will endeavor to get all the other matters settled satisfactorily by the time of your return from Europe.

As to Lemna our still waters are mantled with it in early spring but I do not remember to have observed but one form which I took to be L. minor, of variable size, and also in deeper water L. polyrhiza.

As to Vitis, I may as well confess at once that I know almost nothing about them. What I do know is as follows

V. bipinnata. has tendrils, like the others and the petals are not always "united at the apex"

V. acida is much like the last in habit. It all falls in pieces in drying

The fruit in my "Flora" was taken from Swartz I suppose as I have none

V. incisa - To this I have nothing to say in addition to the descrip "in Flora"

V. indivisa, says Dr Curtis, does not grow in North Carolina.

V. Labrusca, has not been seen in Florida until Dr Sauerman brought in a branch which shaved the leaves of that species. I have seen no Southern forms south of North Carolina.

V. Caribaea. This I saw only in Herb Gray (Rugel, Florida) As well as I can remember it was much like V Labrusca except that the leaves were

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smaller and thicker and the fruit smaller (perhaps not fully grown) which is not essential in this genus I think — With my present knowledge of these species I suspect that this may be a form of V. Labruscea.

V. Æstivalis what I take to be this species & is a high-ground one the stems sometimes nearly as thick as my arm and climbing to the top of lofty trees, The peuncles are long and the fruit about as large as a large Marrowfat Pea & very sour

V. cordifolia — I say doubted this, but I do not see what else it can be. The fruit is not abundant and about as large as the last.

V. vulpina which no one need mistake is a very variable thing as I will know (Then why not the others?) The leaves are "glabernimi" or pubescent, large or small, (comparatives) finely or coursely serrate, with the sinus open or closed, or rather obtuse or acute, while the fruit varies from a pea to a crab-apple in size and is either very palatable or absolutely abominable to the taste I may, in this connection, state that this stem of this species in deep shades throws out from quite a distance from the ground long aerial roots in the form of thick twine or a whip-thong. — A closer examination than I have ever given these plants may reveal characters which will enable us to settle them finally. So much for them now

I enclose a plant of which none of us know any thing or perhaps ever will as it seems to have disappeared from its original locality. It grows in salt water & has no fl. nor fr. I found it while a

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prisoner during the late war. Since then I have made unsuccessful search for it.

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GEORGE ENGELMANN PAPERS

I am rather sorry you are about leaving us for so long a time but as you will go may I ask one thing to do for me and which I fear will be asking too much. It is this – If I put up in a package not too large to go in your pocket a single specimen of my paniculate flowering Panicums (the P. nitidum group) with whatever other forms you may have, will you compare them with the species of European authors whose Herbaria you may have the leisure to consult and bring away whatever specimens or fragments may be obtained which will go to elucidate our own Especially the species of Kunth & Michaux. As to the species of other countries perhaps some European botanist, rich in these grasses, will be pleased to exchange with me. Perhaps I may never like to accomplish any thing about these plants but at present they interest me.

Again – In a former letter you spoke of having many duplicates of Texas and California plants, a set of which you wished to send me. Hitherto I have only wished for East of Mississippi plants and I have very few west of that river – Now if you have any one at your elbow who would take upon himself the drudgery of putting them up I would like to receive them by Express, "via Columbus, Georgia," but if you have this to do I would prefer you would not do it.

I wrote you a hasty note by last mail (our mail is semi-weekly) about two plants enclosed in your previous letter – One was a fragment

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of Solidago pauciflosculosa, are the other notwithstanding its pubescence and sepals (not expanded) cleft to the base belongs I must think to Siphonychia cuneata S. H. - In aspect it is that exactly. However, Siphonychia can scarcely be any more than a section of Paronychia.

I mean to send Dr Saunman to-morrow to see if Suncus caudatus is not now in good fruit.

Sending you the compliments of the season.

I remain very truly yours

A. W. Chapman

Leo Engelmann, M.D.
St Louis
Mo.

P. S. I enclose Sagittaria fatcata - fruit
" natans "
" natans - lorata - fruit
Naias flexilis - fructiferous &
Planitia ignota. Ulmi testudinum
Lemna minor.

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Rec'd Cambridge April 21
Ans — — 24

Alameda April 3 '68

My dear Doctor

Your of the 24th ultimo is received. It doesn't sound well to hear you say "given up my house — quit practise — a stranger in a hotel" It sounds more like the utterances of this latitude and these evil days and too much as if we were about losing you — The Dunci I hope and trust are now (thanks to your energy and perseverence) finally settled and I await my package with undisguised impatience — Your surmise about the polygamo-dioecious character of Ceanothus is fully sustained by recent examination

and the

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stem of the staminate panicle is yellow even in flower and soon decays
I have prepared upwards of a hundred of both for you – flowering last of March

I send by this mail Care of Dr. Gray a package of Panicum in a roll. You can write in pencil on the cover whatever you may find to say and whatever number of specimens there may be in one sheet – one I desire for my own. Now with your notes and the others are at your disposal – You must remember that you are not to put yourself to any extra inconvenience in this matter.

Well, my dear Sir, I shall greatly miss you. and I have only to wish a pleasant voyage and a happy meeting with you for me

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friends and a speedy return

Yours sincerely,

C. N. Chapman

Rev. Engelmann Prof.

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Rec'd Oct 29
Ans Nov 7

Apalachicola Oct 22nd 1873

Chapman

My dear Sir

Yes: I am here where I expect to remain during the coming winter & perhaps permanently. — Yes: I did get your paper on Yucca and thank you for your kindness, Y. Y. aloifolia & filamentosa are the only species I have here, but I saw the gloriosa in the gardens of Jacksonville — never wild

On looking at Endlicher & comparing the name plant with opposite (not digitate) leaves with the description of Halophila I think Ascherson is right. But we shall never know without the fls & fr and I fear I shall not be able to obtain them for it seems to have disappeared from the locality where I first detected it — when a prisoner in the hands of the US marines in 1863!

Now for Zostera. I have no specimens

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in my Herbarium nor ever have had! That is a botanical author for you with a vengeance. My account of the plant was gathered from the observations of others, but it (or what I had supposed to be it) is here for I have often seen the long ribbon like leaves floating in the Bay but I do not know in what part of it it grows. Upon the receipt of your letter I requested our oystermen to look out for it in their dreggings & to bring it to me whenever they bring it up No response yet, but I will get it for you if possible. In the mean time I dont want to treat you so shabbily as I have heretofore done and concluded to drop you a line and enclose an Isoetes which I found in the streams of the Alts of Georgia last summer. It may be a common thing but I have never studied the species and dont know them

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I have been roving about for the last three or four years, but I hope to become fixed after the coming winter and settle calmly down for the short remnant of life in this dear but delapidated city. The cursed carpet-baggers manage to render a subsistence hardly possible but I will make the trial in the hope, some day, that this government will be relieved from radical New-England rule, and these vampires be choked off.

I will write you again and in the mean time remain

lovingly Yrs

A. W. Chapman

Dr Engelman.
St Louis

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Rec'd July 13th 1872
Ans Sept 15 1873

Rome, Ga. July 10, 1872

Yes, my dear Doctor, I did get your letter of Dec 16. 1870 & ought to be hanged for not acknowledging it at once. I left Apalachicola about three years ago & have been afloat ever since. The letter followed me around & I believe reached me at Brunswick in this State about August last year but having access to my collections I put it in my satchel until I could get an opportunity to compare your notes with my specimens. But that time never came & your kind attentions have all this time not even received a kind acknowledgment. I have greatly sinned I still hope to make the comparison & send you the result. & may be, since the dirtiest work in botany seems to have fallen to your lot (I mean &c) you will some day

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take up the Panicea & reduce them to order with your accustomed ability. I have so long been estranged from botany it is more than doubtful if I shall ever have the heart to take them up although material is ample. Of one thing I am convinced, however — that some four or five species are covered up under P. dichot. as now received, species that may be intelligibly characterized, but the correct nomenclature is sadly confused

Yucca — When my 'Flora' was published I knew, as belonging to Florida, only the two forms of Y. filamentosa & aloëfolia, the glaucosa having been sent me by Dr Hale of La. In the phrase "leaves varying from linear to broad-lance, green or glaucous" (of Y. fil) I had both forms in view considering them as not distinct species. The short broad & glaucous form grows on the driest & most barren sands & I believe is not rare in such places in Florida. The fruit I do not remember to

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have noticed, but the constriction of the other form to which you allude I thought was occasioned by the puncture of insects whose devastations are found in almost every capsule. indeed am I not correct in this? especially since faulty seeds in aloifolia produce the same result.

Y. aloifolia is very abundant along the whole coast of Florida & is frequently cultivated in yards, the rough margins of the leaves quickly distinguish it. This is all that I know of Yucca in situ. A caulescent one with filamentose leaves (recurvifol) I never saw. I am sorry I have so little to impart.

I shall remain here several months & perhaps longer, but I have no abiding place nor can I expect to have while the Carpet-Baggers hold possession of our State Governments. I shall be glad to hear from you at all times & will not treat you so shabbily in the future this very time!
(over!)

A. W. Chapman

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I had a very pleasant interview with our old friend Mr Ravenel last Saturday who like myself is all broken up & with nine!! children on his hands. He showed me a twig of Pine with true leaves & the sheathed cluster (rudimentary branch) in their axils!

GEORGE ENGELMANN PAPERS
MO. BOTANICAL GARDEN

I think he said he had called your attention to this interesting fact.

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Rec July 19th
Ans same day

Montgomery

Appomattox Dec 7th 1866

My dear Sister

I received your note of Nov 30, with the articles on Oak Island came to hand by last mail & it is with pleasure I am enabled to answer it. I hope I have not, I deserving to remark upon it, just appears at the mouth of Manatee River and extends, I believe, to Cape Sable along the coast. I handed the thing all originated from a strange imagination, but more probably from the stream, it came from in all sorts of a mass. The manatee & grass seems to be just up in bed with a canoe 5-6 or 7 inches. I simply one of a small one where it is growing well, the season of this, about a foot long, have also to grass on a side and would seem rather to be a species from the variety.

I collected three roots of a tree on an island in Charlotte Harbor. These grow & died

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after immediately I see more in [illegible] up again. If one or two of these [illegible] your purpose, in the absence of seeds they are at your disposal, but these all may be of one sex. Too bulky for mail you must tell me what to do. Put the [illegible] not to be taken up until post.

Your account of our Oaks is exceedingly [illegible] negative and [illegible], as [illegible] observations extend, that I seem to have nothing to say, for I do not [illegible] anything which may Q. stellata var parvifolia, which I received from me was new, and [illegible] appearance rather sceptical about it, and with me [illegible], [illegible] appearance different.

Adding my tip to the Keys I added to the [illegible] about fifty species, some [illegible] Indian and others new. I enclose a specimen of Lupinus found on a Key at Laxumba, [illegible] forms a beautiful carpet 2-3 [illegible] in [illegible], and which I am cultivating, [illegible] but I have not seen [illegible] account of this genus.

polin

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If it is in my power to do anything that I should most desire at this moment it would be to be with you, and if I could, and if I could, and if I could

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GEORGE ENGELMANN

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Rec June 5
Ans same day

Spatchwoda May 27th 1844

My dear Dr Asa

I am in receipt of your favor of the 9th inst. Yes you are too late or flowers may open in January for even trace of them is gone but among my former gatherings I find a fragment which I enclose — some malcontents which perhaps have lost all their poison or what is more probable the insects have made way with it. The female aments of the season are too much like life to be of much use but I will send you all this if I have any going over any where

Yes Miss Hood is spending the summer here & assists in translating German. She desires me to tender it you and to give much kind regards

If I can do anything more or you need let me know

As ever yours truly
Abby Heyman

Dr Engelmann
St Louis

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Rec March 1st

Engl. ammonite Oak
Cassinkey
Two years ago

Apalachicola July 22. 1878

Dear Dr Engelmann

I have yours of the 10th inst. and the accompanying pamphlets and am much obliged.

I am glad to find that you have our Oaks in some definable shape, at last. Q. buxifolia grows taller here than you suppose or than I (in Flora) stated, for I sometimes see it 15 or 20 feet high. All amentaceous forest trees must, and do, hybridize awfully, and I have never known our Pines or Oaks. Of our oaks, had I youth & leisure, I could supply you with all conceivable forms by a visit to the calcareous lands of Jackson Co in this State. My Q. castanea is probably yours, but with leaves & fls smaller. I never saw it except at the locality mentioned. Q. Q. nigra & Catesbei have all manner of leaf-forms between them — But the subject is a long one

Mr Gillman wrote me before came to this State I dont wonder he is discouraged — The fact is that the Florida craze is mostly a humbug. You will

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find Lycopod. cernuum in the next number of the "Gazette" found by me in 1870 at Waldo in a deep cut of the R. Road, and more recently Curtiss sends it from the vicinity of Jacksonville.

Stens Cretica grows at Aspalaga on the river some hundred miles above this city only in a single locality. If I ever visit it again I will keep you in mind.

Cones of P. inops var I think open ultimately and the seeds retain their vitality, probably, until they do. Some of them (or of some trees) open at maturity like other Pines.

I innocently sent ~~the~~ my article to the Gazette in order to record more recent discoveries in southern botany & unwittingly head on Gray's corns & the movement he pronounced "diabolical"! — chew! — cant help it now.

Ever Yours

A. W. Chapman

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Rec'd April 18'
ans May 18
July 12

See Card

Apalachicola April 15. 1881

My dear Doctor

Do you feel good & kindly when this reaches you? If not throw it into the waste basket for I am about to try your good nature. But first a word about your work on Pinus for which I have long been indebted you. It is good praise to say that it just like you — careful, thorough, every little crack & cranny-hole fully peeped into. And then that plate of P. Elliottii! I never saw any thing to equal it — beats nature "all hollow". And now!! A new edition of the S. Flora is first on the docket and you must help for you said you would long ago. The additions are all prepard ready to copy for the printer excepting some odds & ends

What is the name of the enclosed Euphorbia? ~~I have~~ which was found by Garber & myself at Cape Sable. — Any thing decided about

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that Isoetes from Mts of Georgia?
Any thing more about that diœtetic maine Valophila with character sufficient to give it a place. I have no works on Orchids & Tillandsia to enable me to determine a number of these from S Florida and must get Watson to help me if he will & that Liege man, whose name escapes me, but who is getting up the Tillandsias
You know, I dare say, many plants that come within my limits of which I have no knowledge but I do not see how you are to tell me. Perhaps I will make out a list of them so far as I know them & send you for any omissions that you may add.
I intend to go on to Cambridge in a month or two & make arrangements. The additions will be supplementary now, but I am resolved to remodel the entire work before I quit & then leave it to posterity. It has received greater favor among botanists than I had any reason to expect and I am satisfied

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I enclose, also, a marine grassy thing which covers the bottom in shallow-water all along the coast from St Marks to Cedar Keys which I fished up in 1875 — only a fragment. Can't think of anything more just now, and remain Yrs truly

A M Chapman

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MISSOURI BOTANICAL
GEORGE LINDENMAYER

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Rec 16 Sept (from Empire & Canon!)

Dear Doctor

29th Aug. 1881

Ans 21 Sept

I send to day Rhizomas of I. polycephl. It grows from offsets but it makes a proper rootstock. But I mean to keep it a species whatever you may do with it. It is truly aquatic and the others are not, and then the long cirsiform leaves & patulous panicle with some floral differences. Curtiss in his Lists has Euphorb. polycephala, Engelm. Is it published anywhere? and a Hypoxis leptocarpa, which I carried Gray out to see when he was here, if the same, and has always seemed to me a good sp. I go North next month but whether beyond Washington I am waiting to learn. Curtiss is trying to convince Sargent that P. insops-clausa is P. glabra-clausa.

A. W. Chapman

I address Empire City Cal.

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POSTAL CARD

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

U.S. POSTAGE ONE CENT

Dr. George Engelmann

Empire City

Colorado. Ter.

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Ans Oct 17

Juncus polycephalus - Root

Apalachicola Oct 10. 1881

My dear Doctor

Yours of the 27th ult came two days ago. I think I enclosed the Juncus roots in a newspaper. Well what I didn't send I remember throwing out of the window and looking carefully I found one of them which I enclose. At the only locality I know of here — in soft oozy mud covered with water — I got all there was large enough, leaving on a rotten log a few young ones without any rootstock. I send you this one and the sketch above through fear that my remark about the offset may have mislead you. The sketch & the specimen show all there is of rhizoma the latter shows the offshoot just coming out. But your sharp eyes will detect it

I think your Hypoxis a good species. It grows on the banks of our river here, is scarcely ever more than 2-ft & has leaves ½ inch or more wide but the flowers are small. There is still another which I noticed in the Flora & which I took Gray to see when he was here.

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By inquiry I found it a matter of doubt whether I could find all the information I required in Washington so I concluded to hold on until next summer and make a fine finish of it – It is the nasty Orchids down in S. Florida that bother me most (good grammar you will say) and some twenty other things. Curtiss wrote me about Pius Clausa and the conclusion to which he had arrived but without stating his reasons

I dont think of anything more and only send this to correct any misapprehension about the Juncus if I have caused any

Truly Yours
A. W. Chapman

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GRAY ENGELMANN PAPERS

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Berlin, Nov. 10th 1881.

MO. BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

My dear Grandpa, I wrote you not long ago, & now shall write you again & send the letter to you in Rome, so you must be there by this time. My reason for writing you so soon again is that I want you to do me a favor. I am learning to speak German quite well, & associate a good deal with Germans. But I don't always meet the class that I would like to meet, i. e. the cultivated class, if there is such a class in Germany. It is not too late for you to write now to Dr. Englemann of St. Louis, & ask him for a letter of introduction to some botanist here, introducing me as your grand daughter &c &c. He doubtlessly corresponds with some good botanist here, I'm might say in your letter to him that I am studying German here in Berlin, & want to associate with Germans so as to learn to speak the language. If he knows no botanist here, perhaps he knows some one else to whom he could give me a letter, for as he once lived here he must have some acquaintances. At any rate, please write to him at once, & ask him this. Now,

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Grandpa please do this immediately & ask Dr. Glemann to send the letter of introduction for & you can then send it to me here. It is not too late, for I don't care to go into good German society until I learn better to speak the language. By the time your letter of introduction comes, I shall be able to converse quite well in that jaw breaking language. By the time we meet again, I expect to astonish you by the way I roll out the long heavy German words. Every one tells me that the only way in which to learn to speak German, is to talk it all the time, & to go with the cultivated class of Germans, as they alone speak German as it shld be spoken. The weather here is simply horrid most of the time, with only now & then a clear day. This is so about all winter, but I imagine the weather is the same throughout Germany. So I would gain nothing by a change of residence. To day is bright & clear, & reminds me very much of our weather in America. While you were having all your clear hot & dry weather, it was cool & pleasant in Paris, & I imagine it was the same here, altho' the summers in Berlin are much warmer than in Paris, & people here some times complain of the heat as we do in America. This letter I hope

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Rec Dec 19
Ans — 22

Apalachicola Dec 12. 1881

My dear Doctor

I enclose part of a letter from my granddaughter Katie, whom you once met at Gray's several years ago, and who has gone to Berlin to learn German. You see what she wants, and if you can help her in the matter it will be greatly appreciated by both of us, but you must use your discretion in this regard, for we well know that such attentions should be well considered, and we should not take it amiss if her request is not granted. She first went to some pension in Berlin which was recommended to her in Paris, but finding there more English than German, she changed her residence, and is now with two maiden sisters, daughters of a Prussian Officer, deceased, and in pleasant quarters. Her address is

"Miss Kate H. Wood.
94 Grossbeeren Str.
Bei Fräulein Baumgarten,
Berlin,
Prussia."

(over)

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Encl. Lett. Flora

I have pretty nearly concluded to turn over the Flora and its future fortunes to a publisher in Jacksonville, this State, who is also a printer. This will save me expense (I am poor since the war) and I can give him the MS at once, although I shall have to leave out several undetermined species. This I less regret because the addition will be in the form of a supplement but when this is off my hands I intend to remodel the whole work for a final edition ~~edition~~ At seventy two shall I last long enough!

I am glad the Juncus pleased you and that you consider it a good species, as I do. The Euphorb. polycphylla, of which I inquired in a former letter is my E. discoidalis, as Curtiss (who was here lately) confessed on seeing original specimens in my Herb.

I enclose Postal Stamps and with the compliments of the season, remain

Very truly Yours

A. W. Chapman

MISSOURI BOTANICAL GARDEN ENGELMANN PAPERS

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Ans March 23

March 17, 1882

My dear Doctor Engelmann

On looking over to day some old letters of poor Peay I came across the foregoing account of a Pine, and thinking it might interest you copied it. He was an excellent scholar and were his habits more exemplary might have been a first class botanist.

I find that you are correct as to the year of the discovery of the Stachys. In my last account to you I was thinking of the time when I lived in Alabama, but I now remember I was on a visit to my wife's relations when I made the discovery — several years later. I would like to revisit that spot again. The rocky walls which border the low grounds along the Chipola River afford several rare plants that I never saw elsewhere such as Isopyrum, Pachysandra, Cacalia diversifolia, Gratiola Floridana, in the swamp, and some others. I enclose an aquatic plant which I found in the Caloosahatchee River in 1878 — without fl or fr. which Gray supposes may be a Callitriche. The structure of the leaves appears to be exogenous — I notice it provisionally as C. galicrides. I leave next week for Rome Georgia which will be my P O address until further orders. While there I will hope to look again at that Isoetes and I think I once saw there Heuchera Rugelii of which I am doubtful. Dr Gattinger has sent me several additions to my list and is the right man in the right place.

Very truly Yours A W Chapman (over)

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Can you send me a copy of Captain Engelmann's in print or letter?

Dear Sir, I am truly yours, [illegible]

Mann from London

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GEORGE ENGELMANN PAPERS

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Rec'd July 12
Ans 12

Southampton, Mass July 10/82

My dear Doctor Engelmann.

I wonder if it not time to answer your letter of the 23d March 1882!. The fact is I have been busy as a beaver over the Supplement while at Rome and at Washington and since I came here (my birth place) about a week ago I found it necessary to copy the original MS — so many changes and additions had been made to it at Washington. I leave for Cambridge and the printers this week. I am indebted to you for a copy of your article on Insects with many thanks. What sort of a taste have you inherited that leads you to take up the nasty things of botany — the Dodders, the Bull Rushes, the Oaks & Pines and these no-named Insects? Any how you have done your work well and all

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botanists cannot help feeling their great obligation to you. I know nothing at all of Isoetes and have borrowed from you, as the Israelites did from the Egyptians — that is stolen.

Dr Gattinger's Cyperus (C. Engelmanni) is hardly yours, but I think never C. Michauxianus, so seem that for the present I conclude to pass it by, until I can compare the two more satisfactorily

As to Reay's names of Pinus Elliottii I think you had best ignore them on account of the obscurity of the publication and because he afterwards adhered to a different one from that published, but if it proves to be, as you suggest P. Cubensis all right.

I did not intend to disturb you in any way by copying Reay's letter.

As soon as the printer gets out a copy of the Supplement you will see what and how I have done

Ever Yours truly

A. W. Chapman.

BOTANICAL PRINTING
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Rec Aug 3d

Southampton (Mass) Aug. 1st 1882

My dear Dr Engelmann

As well as I now remember, and from notes before me, I have in my MSS in Cambridge the following species of Euphorbia, namely: E. E. tetrapora mercurialina, dictyosperma, Gaubei, serpens, prostrata, ammannicides, dentata, humistrata, ~~&~~ adenocaupa & ~~Cantonii~~ deltoidea? ~~is it?~~ - that little thing, E. Blodgettii being E. inequalis. of the Flora is left out. Judging from your letter I gather that you have the impression that I am overhauling the whole Flora. This is an error. At present I am only adding a Supplement - not introducing any thing found in the first issue whatever there or named, except in a few instances. After this is done & the work put on sale I shall commence a final edition in which I shall put everything in place & correct the numerous errors & blunders. Shall I live long enough for this? we shall see, or let me hope you may - I dont dislike Agave nor Yucca at present.

I came back to this lovely quiet place from hot & dusty Cambridge two days ago which

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explains this tardy reply. Gray was expecting you there at any moment and I did hope you would find me there if only long enough to clasp your hand once again. How pleasant to find the three veterans together - I am seventy three and have been under the impression of being the oldest, but Gray thinks I must yield to you.

Well I stay about here until the first of September and I may take my ticket at Boston & perhaps find you at Gray's.

As soon as I get a copy of the Supplement I shall mail it to you at St. Louis

Faithfully Yours

A. W. Chapman

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P.S. I am not quite certain that I answered yours of March 12th directed to Rome Ga but have an idea that I wrote you from Washington If not please excuse for my memory is a trifle mixt.

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R Febr 12th
A — 18'

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Apalachicola Feby. 6. 1883

My dear Doctor Engelman.

I wonder if I may so address you after such an interminable silence, but I will presume that far. I recd your favor of July 12th (ult) at Southampton and I believe answered it. Your next of the 26th I recd also, I believe, at S. Hampton, and never answered While at Grayo for two or three days we were looking for you to join us, for what reason I cant say. About the first Sept. I returned to Rome Ga for a week or so & then hastened to this place to look after my property which was wrecked by the gale of September, and the deuce would have it I had to beat through the most severe sickness I ever had. So amidst all this and reading proofs you have been neglected But enough of this. By this time I hope you have received the "Supplement" to the second edition. I made no changes in the first except corrections. Having the Euphorbias you mention in your of the 26th I concluded not to bother you and arranged them as best I could. Pardon my use of the word "nasty" as applied to Isoetes. I know they are not nasty but they might as well be anything forbidding to all of us but you, for we (or at least I) know nothing about them,

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ENGELMANN PAPERS

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Well now, my first subject is about Pines. Last Sunday, being ~~the~~ fairest the only sunny day we have had this winter I went to see P. inopi-clausa, and I think I have made a discovery about the opening of the cones. I notice that whenever a tree dies, the cones, closed for years, expand, and in regard to those trees which have them open, like other pines I apprehend there may be some arrest of vitality. Why is this? Pardon me if I make a suggestion rather poetic than scientific. The trees are comparatively short-lived and here nearly destroyed by high winds which prostrates them. Can the closed cone be a storehouse for the seed until they are required by the death of the parent. — "There's an opinion as is an opinion" — In one of your letters, years ago, you expressed a doubt about the blooming of this tree as early as February. I found the pollen ale shed and the aments dropped at the least touch. — All authors speak of P. Teada as growing along the coast or in the low country. In the Mts of Ga I found that & P. mitis to be the Pines of that region, the former predominating. The one I had in view (in Flora) as P. Teada is your Elliottii which is everywhere here after P. australis is cut away. The only grape I found in S. Florida excepting V. Vicyoides & V. indivisa was fragments of the one I enclose (my V. Carib.) found in Oct & no fl. nor fr. I enclose also a Euphorbia from the Mts of Georgia which I am inclined to think is a fully developed state of the

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one I found on Lookout Mt. in April and take to be Michaux's E. mercurialium and apparently the same as the one ~~fr~~ you have from St. Mark's Fla. — Can it possibly be a state of E. corollata? These grew in the woods but I think I have seen it in open ground & with smaller leaves more like the latter.

Sam. I have said enough to weary you. I remain in this lonesome life until sometime in the Spring & then go up to Rome for the Summer

Very truly Yours
A. W. Chapman

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Ans 19 mailing

Apa. Mar. 12. 1883

Dear Doctor, I don't believe a word of it. The largest vine I ever saw (V. æstivalis) didn't measure more than a few inches in diameter. Those East Florida wonders are to be received with great caution. I duly rec'd yours of Feb. I don't know anything of Lemna & knowing of no one to whom to apply I left them out. My attention has been called to the omission by others. But this edition is to be considered provisional or temporary until I remodel the whole as indicated in the preface. The Euphorbias I sent you grew side by side the fringed one gathered later (Sept) E. corol. is extremely variable & I shouldn't wonder if it included this. My address until middle of April as above, afterwards at "Rome, Georgia"

A. W. Chapman

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