Rec Jan 24
Ans Feb 25

Lynn Jan. 18th 1859

Dear Sir, Shaw: 12 white
4 Jeans
Curtis

Messrs Rice & Kendall,

Water St. Boston are the persons with whom I have contracted for paper, both white (Writing) paper & Jeans covers.

Both I have made to special order — and a good large lot at a time, in order to make them do it, on reasonable terms — Mr. Shaw may refer them to me, for the patterns of the article wanted. (if he takes my size and quality); or, under his instructions I will get

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their terms, and order for them.

By 1st Feb. I expect to get something for Fendler - But I still delay the Continental sets.

MISSOURI BOTANIC
GEORGE ENGELMA

I greatly doubt if Vilmorin's tree actually came from Montevideo 2, heterophylla.

The "Atriplex" thing you send = Alternanthera (blanchetiana, Moq.) lanuginosa Moq. in DC. 13. p. 359. - the desert country all full of it. Ever yours

A. Gray

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ANICAL GARDEN
LMANN PAPERS

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Rec^d Jan 15th
Ans Feb 25

Cambridge, Aug. 8. 1859
Saturday Evening

My Dear Engelmann.

Yours of Aug 3d is in hand.

First about the grass, Sesleria ductylides, Nutt. I very figured the male in Emory's Report, & quoted the genus. In Whipple's Report he has still let it stand, tho. I had pointed out to him that in Torrey's account of Sangers coll. it is enumerated under the name of "Calamitrera ductylides, Kth. — Nutt. Sesleria ductylides, Nutt. Gen. &c." — Now Kunth has no such name. So I take this to be Nuttall's MS. name in Hb. Stork.

Again, — another equally blind clue, I have the (male) plant in Hartweg's coll. Mex. no. 280. —

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Turning to Beetle, Pl. Startwep. [which I think you have: if not I will send you a copy, I still having a duplicate] — I find it indeed on p. 28. — "no. 250 Triodia sp.?" — But in Camizandu p. 347, "Lasiostega humilis Rupprecht (ined.?)" — and Grenier's recent Graminologia has no genus Lasiostega.

That is all I know. I have no female flowers and no evidence that any body ever saw them, here.

But now, your little sketch makes me guess that your female flowers may belong to Nutall's Bryophis aquarma = Muhlenbergia Tur. in Whipple Rep. but this

MISSOURI BO
GEORGE EN

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BOTANIC
GARD

be so? And can Allionia really be the future of the Buffalo grass? I doubt.

About Dicœcious grass — while your hand is in, look up that one of coast of Texas — which Lindheimer gathered male & female at Galveston, May, 1843

This 3227, Bulandier, and also grass on Key West (Blodgett) In Herb. Hook, it has Nees, MS. name of "Olvantha" — not published.

---

I never looked much at Bouteloua. Torrey had mine a long while, but settled little and ticketed less.

You ask, what is Lindheimer no. 477? It that is "70, 4/46, San Antonio, in musket thickets"

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ENGELMANN PAPERS

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it = Mights, 1873, = Buckley's "Upper Mississ. which I may name for me" Echinosperm patulum, Lehm. Exactly like Watkins' plant."

= Clear-water, Oregon. Nev. Mr. Spalding.

Then I have the same thing? (but without the deep pit?) from Oregon Thurber, ticketed by Blanchon when Watkins' curator "Echin. sp. Redowskii, Lehm. — patulum, Hook. Fl. Bor. Am. non Ledeb."

Pr. see what you can make.

It is in Hayden's Platte Coll. but I cannot now lay hands on it. [Hendl. p. 34. Jun. also names E. patulum] Buckley got another — which Jenny named "E. Hermantii. n. sp." I send print. It is near E. Lappula.

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I wrote to Dr. Hayden to the same purport that I wrote to you last, and said I would send his whole Platte collection on to you, after running through it, & naming as well as I can the plants I know in it —

I enclose his reply —

It will be better for him to take out a set for you — for the collection is put up in a bulky way, filling 5 thick parcels — the same thing occurs over & over. For it would cost more than the things you get would be worth. I think he will send you a set — which you ought to have —

My wife has lost strength & flesh during the past year — is quite run down — tho' not so dyspeptic as formerly — I do not feel at ease about her.

Ever Your affectionate
A. Gray

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Machaeranthera. I have no confidence in Nuttall's various species, nor in size of head — All are to me M. canescens.

"Hedeoma Drummondii" — very small, and confining Torrey, who says it is annual, Hayden has it in plenty from the Platte, — with hard or ligneous base.

"Lithospermum breviflorum." I believe it is only L. angustiflorum, Mx. — I will look at herbar in the morning of Monday.

— The Texan plant = the Missouri. = pl. of Mead from Illinois, which is, no doubt L. angustiflorum.

[Hayden has L. Mandanense also — larger, yellow corolla.]

"Myosotis suffruticosa Torr." (ex Torr. ips.) = "Eritrichum suffruticosum, Torr. = Hendl. b 31, ex-Torr.!"

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No Market
St Alexandria Mo., March 10th 1859
15.

Dear Engelmann

I have your of Feb. 25 – some time ago – about Herb. paper for Herb. Missouriensis.

I have applied to some other botanists, who are in the habit of wanting me to get herb. paper for them, whether they will join the order, and then I will give it out. – From what you say about the building I suppose there is not much hurry.

I have reported on the Polypot & sunpot to Lieut. Williams Colorado Expedition

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I sent the rest to Torrey long ago — It was a poor collection.

Of Hayden's things which I run over hastily and named on the labels I have no list. Hayden said he was about to take up the collection & would send you a specimen of every thing with the name printed by me.

You will find many things named wrongly. I dare say I had no time to study them.

I thought I had put into that box of yours up yonder — 3 years ago — a copy of M. Sturtevant. It cannot seem not. I must have

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

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one remaining for you.

I am going to send you with it, as far as published, a copy of "Julia Orchidaceæ" of Lindley, — to be continued as publication proceeds. You will receive it as from the author, and feel bound to send Orchidaceæ whenever you have them. — Or send him Euphorbias & Liliaceæ wanted by you.

Curtis is O. K., — not the man who was found.

Dr Brown is to have a pair of botanical mss. in law. I wish the young people joy.

Ever yours
A. Gray

CAL GARDEN
ANN PAPERS

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MIS
BOT
GA

Rec'd 28 Apl
Ans May 13

Cambridge 23d April, 99

My Dear Engelmann -

Yours of the 15th and the seed came duly. Many thanks, and I return the stamps used.

I ran on to N. Y. with Mrs Gray, and left her there to make a visit, to see if she could recruit a little. For she has got very much run down this winter. She is now in=firming. What the exact trouble is we cannot say. General feebleness, & a quick pulse - except when she gets a dyspep=tic turn, when it comes down at once to 60 -

I expect her home again in 10 days

I could not believe that Mr the Pina? was the female of Buffalo grass, and I am lean from Fanny that you abandon the idea. But where is the female Buffalo grass?

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Jenny asked me to send you some real Anthericum but I have not the genus. I sent him P. de Beaux. Sagittaria, out of which to copy out by tracing the analyses, & send them.

That must be Lilium: the styles must be looked to. I am no longer surprised at united styles in Melanthacae after a Japan thing which is just Veratrum but with the styles united, and even the stigmas, into one.

Might is getting on very well, and making a good collection — is very emphatic about them.

I am now going soon to order your Herb. paper.

MISSOURI BOTANI
GEORGE ENGELM

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I shall get it in a few weeks after ordering. The longer it lies before using the firmer it becomes & better.

But — as it is always better and difficult to match what we have once got, let me suggest to Mr. Shaw to order more

12 reams genuine cows will do very well, but 24 reams of plant paper, = practically about 11000 sheets — you will very soon use up. Even Eaton is going to order 25 reams in continuation of his stock.

and I (who have 10 or 12 on hand) — as much more.

TANICAL GARDEN
ELMANN PAPERS

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I am going to send a box to Dr Comstock in a few weeks —

Torrey is to send his California (Mr. Wheelock set) Oaks, & I suppose of E. N. Fowler — a minimum unassorted material, from which I will let D.C. call any duplicates proper to take. Will enclose your Oaks also, if you choose.

Very good natured of you to send them, when D.C. was rather shabby in his treatment of you.

D.C. wants Englemann particularly — for his son to work up for the Pomol.

In haste Ever Yours

A. Gray

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Rec'd May 8 1859
Ans May 13 25th. Mon.

The only Euphorbia in the little collection it belongs to -

I could name it by reference to Sweet I suppose. But when you are next writing you may as well tell me.

I write to you, as I shall days ago.

A. G.

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GEORGE ENGELMANN PAPERS

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MISSOURI BOTANICAL GARDEN

Recd May 21st
Ans

Cambridge, Mass 19

Dear Engelmann

I send you Bentham's letter, wanting to find a purchaser for a set of Spruce's Amazon Plants. Mr. Lowell is too poor since two years ago. It is just possible that Shaw might take a fancy to the collection, but I do not expect it nor care to have you send him Bentham's letter, unless you think he would like to have at least the Nos.

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Mr Mears, in particular.
What do you think
of this new European
war? It seems to me
no good can come of it,
to anybody.

Mrs Gray only sends
her love and
my best regards to Mrs.
Engelmann.

Anderson desires to be
kindly remembered to you.

Agassiz is in very
poor health — has tried
to do too much — like
go to Switzerland as soon

MISSOURI BOTA
GEORGE ENGE

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as he, or rather Mrs.
A. gets quit of the
school for the summer.
The last club of the
season was at my
house last week,
Your photograph was
seen & recognised, and
many enquiries were
made about you.
Ever Yours cordially
A. Gray

ANICAL GARDEN
LMANN PAPERS

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Acc: 2/May 24

Cambridge. 18th May, 1859

Sp. 2 Jun

Dear Engelmann

Yours of the 13th came this morning, and I will hastily notice it, pending for I have much to do now.

I think you can buy the 1/2 volume or part of Mem. Amer. Phil. Soc. vol. 7. n. 2 which contains Nuttall's Arkansas papers. Try thro. Mr. Pennington Antiquarian bookseller — Or shall I try for you.

Well, even $10. or a year is much better than nothing for the Botanical establishment. I wish we had half of that.

I will do anything I can in the way of affording

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information to Shaw's lawyer, when he comes — You had best indoctrinate me beforehand with any views which you yourself think important,

MISSOURI BOTAN
GEORGE ENGELM

If you can send them, you should send. Dates to S.C., through Smithsonian. But I mean to send a box from here direct, via Paris (Delessert) which will cost me less than to send to Washington.

Now, I will order the herbarium paper, and increase your portion as requested.

Mr Shaw will be

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liberal in this establish=
ment, why not turn over
to him your general bulk.
If I had one I could
have free access to
always. I would not take
the expense & trouble of
keeping up & increasing
one myself.

ANICAL GARDEN
LMANN PAPERS

Mettenius should come
into direct communication
with Cohn, who will
manage all form-exchanges
& is active, & I think
would be glad to supply
him with Fendler's duplicates.
Write to him at Marburg.
I will see that M.
has a full set of Wright's
new Cubans — which

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will probably contain all the former ones.

Dr. you have made the capital discovery, and proved the so-called Mutha-phora to be the food of Buffalo-Grass. I would not have believed it without direct evidence.

I can not study it (it would take me a long while to get the case so before me that my opinion about the affinities of the Grass would be of any use); but it is most interesting, and I beg you to work it out in detail and thoroughly.

Bubalophöe (or Bubalophora) would be a good meaning name, indeed — the word not very good — as the accent would fall on antepenult.

Acc. May 24 1889 18 May '89 N2

I do not now remember that there is any name that need stand in your way. Hooker publishes you know, "Balanophoraceæ Rudolphides K th." Mr Kunth has no such name, — I presume it is a slip for Nutt (in herb. Hook.) But that is only a guess of mine. The name too is unmeaning. And in a new genus, three names "Dactylphides" & axilliflora" might be passed by. But I go for sticking to the old names when it can be done. I offer no opinion on this point now. Can I help you about the engraving?

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I have not time at this moment to find out what first said Brizosporum (in all its species) is Diplodia. Ask again, if you want me to hunt it up.

Cragmitis septata is also Diplodia, or Diplodiopsis.

MISSOURI BOTA
GEORGE ENGE

I send you anon — by mail, the sheets of Fungi. Might — & some other matter,

I send your sketch, & your whole letter to Tony

Ever Yours

A Gray

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LMANN PAPERS

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Rec'd June 11th

Cambridge, 6th June 1875

Ans June 15th

Dear Sir,

To-day I received your letter of June 2d — and this morning I went to Boston & have read the newspapers. I had little idea (shame) I had expected to take the Spence collection.

Shaw is very liberal to give $10,000 out of an income of 75,000. Perhaps he will do more when he gets under way. Surely he ought to take Hawkins' collections & secure him as a curator. It is his very place.

As to your. [illegible]

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I think you are right for the present. Keep your own — arrange it on paper of size of Shaw's, but look to an eventual combination — either in Shaw's life time or after, and be open to suggestions from Shaw; as for example, to take your whole burden — provide for maintenance & increase — and when ready, to make you director of the whole concern. This duty must devolve upon you, and when it does — with a decently balanced, you could

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GEORGE ENGE

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reside up there — there physic to the dogs — or only to take a share in consultations — and have time to do some justice in Botany.

TANICAL GARDEN
SELMANN PAPERS

Meanwhile, if Shaw would take your books upon proper terms, you might at any time have any particular families with you, in your house, to work at.

Better send your Cats to S.C. by Smithsonian Institution — when will be packing most matter — will save some charge, this way, but safe.

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Lowry. Don't like your proposing a new name for Buffalo Bress.

I rather approve it, and assume Bressa (or Bruchloe) as much better than your former suggestions. So I do not think Dr Gylindes very much objectionable. I should incline to keep it; but I see no sufficient reason to protest against Mattallii. There are some good reasons for it, and good analogy to justify it. Use your judgement.

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2 6 June '09 Acc – June 11th 1859

As to the other, really I do not know why you do not name Olivanti Ves; – and I advise you to ignore it altogether, under the circumstances. And I like Mrs Mantrachöe, very much.

I asked Mum what he thought of Mumma – & he said he thought it Ohlendorf. He is sharp as Sharp, & has notes on many Britonia. I shall not tell him what you are driving at, but you can consult him if you like. I suppose

he may have seen the Texan Grass in the Ms. Book.

I am glad you will write this paper, & print it soon, & publish figures. You will publish you say at St. Louis.

If you cannot get the ink (your drawings) put on stone in St. Louis, I could see to it for you in Boston.

MISSOURI BOTA
GEORGE ENGEL

I have not seen, & cannot get get a copy of the Boundary Survey, nor has Torrey received the extra copies, which

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he arranged for, I urged Jessy to cite all the mss. of Lisch, Finder, & Mights' mss. — but could not make him do it. —

If I had time I should be glad to dress up a list of all, citing the numbers. But how shall I get the time!

If it was done — could readily arrange for printing it. Could you do it?

TANICAL GARDEN
ELMANN PAPERS

Again (& with) have a note from Mednansky. June 18. —

Mrs. Gray is improving on the whole, but has had a hard spring.

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I mailed for you this morning.

Lidol, Julia Archibald's new number, from author.

and a copy of my new Memoirs. Nevinia — Bromia, Japan Botany &c — Hope they will reach you safely

I have nice specimens of the Nevinia for you.

Our kind regards to Mrs Engelmann

Ever yours

A Gray

Miss Julia Archibald

Friend of Franklin & who D. was named. There will be more in the next part (Plantae Wrightianae)

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Do you know anything about Everard — Hufg. Formerly of Sir Francis?

Dear Longman

Rec'd June 27th

Herbert No. 2538

= Arthrophora, no doubt,

C. June 22. 1859

Dear C.

I have written to Philad.

for Metcalf's paper on Atkinson

Zebra i.e. the part of Acad. Nat. Sci.

Soc. which contains it.

Lell Boisier he will find

that paper in the proceed.

(5) of Trans. Amer. Phil. Soc.

in the Library of Soc. Phys. et

Hist. Nat. Genva.

Shameful is the verdict

in the Shaw case — Will

doubtless be set aside. If more

moderate it might have stood.

Is there any evidence of such

promise really?

I possess the specimen of

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Stuttgart no. 250. which you see, on p. 28, Bentham calls Nicotiana N.? On p. 347, appears, he says (= Sesleria ductal.) "no. 250. Lasiostegia Bunii = lis. Rupp. (inc d.?)" Evidently

Evidently named in a letter as he says here, on the other page "Rupp. in litt." of other things.

MISSOURI BOTANICAL GARDEN ENGELMANN

I mail you a-day. At Stuttgart, starts from p. 333 to end (thought I had sent them before) and send Nicotiana in it. If it fails or crushes I will put in pigeon-hole for you.

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Both Richmeanes are
enclosed — for that is all
my mind.
(2.) But I mean to keep
Pigeon-hole for you to
keep in things as they
turn up.

BOTANICAL GARDEN
GELMANN PAPERS

Yours ever
J. Hooker

Engelm. MS.

Engelm's coll. is in Kew.
Jour. Bot. vol. 8. p. 18

"Calanthera dactylorides
Kth. — Nutt. Gesleria
dactylorides Spr. v. 1. p. 65.
Nat. Fertile Plains of the
Lower Platte. The 'Buf-
falo-grass' of the trappers,
as it occurs only within
the range of the Pis on.
The anthers are bright
orange, June, no. 18."

That is all. But neither Kunth nor Nutt have published a Calandrinia.

Except Starting, I have no evidence of the plant being Mexican. Likely to be throughout Northern Mexico.

Cité Berlandier nos. 1612, 1614.

Mr Drummond 3d Exp. Coll. no. 378.

"Olvantha" I found written on label in Stork. Dubl. either "Olvantha Nees" or the name in Nees' handwriting I forgot which. Suppose you ignore it!

I do not know Dr. Kellogg's address. I suppose San Francisco.

Ever yours cordially

Asa Gray

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Rec'd July 5th
Ans'd Aug 3d

June 29th — 1

Dear

Post Am. Amor

I have made enquiries at Philada — and learn that the Phil. Soc. will not any more sell the separate parts of their volumes (although separately published) but we must buy the whole volume to get Nuttall's Arkansas paper, and pay $5. Shall I get it. I suppose so. Tell them tell me if there is any place at Philada where it can be left — for some St. Louis man to take to you — to save expense of sending it to Cambridge Or. Shall I direct the rest of the vol. to be sent, for

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Gar

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what it will bring, and
send Mr Allen's print other
Mt. by mail.

I mailed you to-day
a copy of a German reprint
of Brown's paper on Arbeschi-
adee

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Thos. Meehan

Germantown, near Philadel-
delphia has found
Cereus turbinus (I sup-
pose it is — Flower terminal!
I have asked him to send
a flower to you by mail.

Ever yours

Asa Gray

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M
Bo
G

Recd July 26th
Ans Aug 3d

Cambridge, July 20/59

My Dear Engelmann

Your paper is done, and by this time shipped to St. Louis, and address to Mr. Shaw, as instructed.

The lot of white varnish the 48 reams by 1/2 — Quality so — judging from the samples I examined, good — no mistake about it except that it is dead white, instead of the very slight blue tinting of sample. I have

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scribed, but the fault is trifling.

The paper gets stiffer when a few months old.

Remember that if paid on delivery there is a discount of 5 pr. cent.

If you choose to pay it, or your part of it through me, I should like you to pay seventy-five dollars to Hendler, and send me his receipt as part of your remittance. This would save trouble and exchange.

I have despatched a box to Debundsche, and

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GEORGE ENGELMANN

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another large one to Paris.
Just finished Collyer
work, and now for
Ex. Ex. of Wilkes, with
all my might, — after
a week or two more in
cleaning off rubbish.
Ever Yours cordially

BOTANICAL GARDEN
MISSOURI PAPERS

Asa Gray

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MIS
BOTA
GA

Rec'd Aug 13th
Ans Sept 12th

C. Pseudopa

Hamilton 8th Aug. 1872

Dear E.

Just back, wife and I, from a visit to my mother in Mich State — and stay 3 days at Springfield, on return. Science or — or — Journ Thum — Ds. —

I will pay your due of $3. or $6 — as it may be (2 years.) and deduct from what I wish to send Henslow. I have only a trifle at present in my hands for Henslow, but think I ought to advance for some which I shall receive ere long — the delay being caused by one — I have ~~[illegible]~~ pamphs on

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Bota
Ga

hand, and will send $70 — with this. and you may also pay to him the $5 — which I shall pay Lowrie (Secretary) — for you, when he returns from Springfield.

So the Grasses are printing Mr. I hope soon to see — also the Cuscutae

There is still plenty of time for sending your Oaks & Hickories to Dr Engelmann — as Smithsonian envi will not be made up till October.

Mr Tiffany dropped in a weeks ago — said he would send me written questions

MISSOURI BOTAN
GEORGE ENGEL

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MISS
BOTAN
GAR

to elicit the information required. I promised my best attention. but have heard nothing since.

Mr Shaw has lately written. I enclose his letter to you. I have just replied to it, expressing a lively interest in his projected establishment and offering my best services if he requires them in the way of advice or suggestion. I hope it will be all right in the end.

OTANICAL GARDEN
NGELMANN PAPERS

Mrs. Gray is still rather poorly and thin. Remember us affectionately to Mrs. Engelmann and Georgy

Ever Yours

Asa Gray

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GAR

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Rec'd Sept 18

Sept. 14/59

Dear Engelmann

I have had for some days the 1st shoots of your Prosartes Hooker!

Send me by mail some ripe pods and seeds of Houstonia minima, Beck! I have no seeds ripe. are the pod coralli pretty reflexes or spreading

I am quite clear up that species.—(or mixed up with H. patens) & restore the genus Houstonia! A.G.

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Rec'd Sept 26th
Ans Oct 17

Roanoke Va., Sept. 21/59

My Dear Engelmann

I have had your letter 12th for some days, but have been too busy to write. I sent you a hurried line the other day. I forgot to enclose in it your receipt for $6 - from Lorenz. You still owe for the current year, but no matter for that before next spring when the Proceedings are issued.

Under the circumstances, I should drop Rafinesque's name Buscuta paradoxa merely mentioning, under B. glomerata, that it is probably Rafinesque's plant, but does not accord at all with his description.

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Miss
Botan
Gar

It is an old law that N.A. collections in Nat. History go to the custody of the Smithsonian Institution — and is a good plan. They only want one set, and will allow the duplicates to go where they most be most useful. Dr

MISSOURI BOTANICAL
GEORGE ENGELMANN

What a pity your brother lost his collection!

I have been continually promised from Torrey that his sets as of his Boundary Survey would be on from Washington in a week or so — This has gone on for a months. — and now I really doubt if we shall ever see them. — What the hitch is, I cannot find out.

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MBG

As to the incidental notice of your Cactacae, really I had no idea of over-praising, or of fending your modesty. I think what I said is all natural and right.

It is proposed to Prof. Sturtevant to print Cat. Nat. Plants, and get Hunter to do it. You may be asked to recommend it.

I must look at your Parrychia thing by day-light

I do not know how you range the Argyrotaxus. But we have an interesting one — from Kennebunk, on the edge of Maine, just sent to me alive! —

CAL GARDEN
ANN PAPERS

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MIS
BOT
GA

If dry I will send a specimen in this letter — if not, next time.

Almost or quite in perfect.

Leaves thick — cottony, tubulate, or blade?

Flowers all seem perfect.

Stam. 6—10. Short. Petals imbricated in bud.

Fruit, as you will see — harmony, ovate, with a short inflexed beak, surrounded by a narrow, thin wing.

What is it to be?

We are repairing the roof & other parts of the house, & putting in gas, — much upturning.

Mrs. Gray sends her love and asks after Mrs. E. & George. How are they? Separiz is expected home to-morrow. Has had a nice time.

Ever yours Asa Gray

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Rec'd Oct 15
Ans Oct 17

Oct. 10, 1859

My dear E.

Just as I write last I get your Grass paper. Very interesting — very well done every-way. The English good and vernacular as far as I see. I have noticed the paper for Mr. Am. of Phil. Journal, in some detail.

Thanks for the Stuartia minima; it served my purpose: and here are the specimens "to be returned"

Oh Chapman the inbs: Alexanthes-Aloë allied to Hypoxeltha! Ste has been in Vermont the last 2 months or more — His printing gets on slowly, & I have seen little of it.

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I had hoped we might see your Cruciferae in time for him; but he is close on it at the printers. He says he will write you, and would be glad to have aid about the Euphorbias — which he takes a fancy to, very much.

I re-establish Australian — will send you printed — may talk in a week or so —

Asaph is looking very well indeed, & had a nice time. Mamma usual. I have been working up Leguminosae & E. or Euphorbias because of them, like mine to Rutiaceae (just done) & other things I am run at this

MISSOURI BOT
GEORGE ENGI

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Approach

Mittall is dead; æt. 73, (I thought he was older) — died Sept. 10. Dr is Dr, Sorsfield, æt. 86 — and Heaffey, suddenly, æt. 39, — a real loss. There is now no vegetable anatomist left in England.

Ernst Meyer's Herbarium & library are on sale — the Herbarium for £300.

BOTANICAL GARDEN
ENGELMANN PAPERS

Let me know how Mr. Shaw's case comes off in the new trial. I hope he will not lose money; but will some of it for his Garden & Herbarium.

Ever yours
P. Shaw

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Rec'd Nov 11th

St Louis Sunday 5 Pm. —

Dear E.

I got your last short epistle a few days ago — Glad to see that Jo done — I shall look it over presently. All gammon, that of Kostrzeski, dismembering Euphorbia — I had not seen it. Another crotchet come up is that the flower of Euphorbia is simple! And D.C. writes me as if he thought it might be so!

Thurber is working at his book. I hope he means to put in European authorities —

I told him to go E. to the Mississippi for all plants which do not cross it.

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Miss Botan Gar

Might still in Cuba — making away. I shall soon have a mean lot to distribute — a good part of which coll. is already in hand.

Never did I hear of a fasciate ament before.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

So the plant I sent is Sagittaria calycina — Curious.

The little Pannychia = Angelia dichot. — but it hurts the genus to have such a style.

Chapman wrote S. 3 weeks ago — has got Eaton to read his proofs — Early in the season Chapman revised his mss. well and sought and used information

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freely at his service in my Herbarium & library. It taxed he got tired. — did not much like me to see his mistakes — partly to save me trouble, knowing my hands were full enough, and partly to save himself the trouble of revising things which (if) he ought to be better)

NICAL GARDEN
UMANN PAPERS

for there will be much in this book not as good as it ought to be.

I have printed some Rubiaceous notes — will send on a parcel to you by Express — with vols. 2 & 3 of Am. Association &c — I am deep in Compositae of U.S. Expl. Exped.

Ever yours

A. Gray

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P.S. 7th Mo.

I add the Carpinus as from proofs of Chapman's book, I remember that he said that you had mistaken or confounded with others some of his species.

Communicate with him about them (Apalachicola, Florida), and correct each other, making (and) you any you need, and any corrections you have ~~on this~~ for these sheets could be made on the plates.

A.G.

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Recd Nov 30th
Ans Hartford Dec. 23d Nov. 1859 —

Dear P.

Your favor of 19th came this morning. I stupidly omitted to send you p. 403. Here it is. Correspond with Chapman on the subject, and when you can correct & convince him he can alter on the plates.

Every facility was given Chapman here, and every assistance offered on my part. — But he preferred not to consult me ~~very often~~ usually — after the first — & especially when he ought to have done it most. viz. after Compositor. & he did so partly because he saw it would take up much of my time, & partly because whenever he did, I gave him more work, and made him do over again far more than he liked to do.

When he left, he told Eaton not to let me see the proofs except to solve his doubts in mere proof-reading. Nevertheless I stopped it in two places & sent the proofs to Eliot to do over — And there is a vast deal more that should be done over. Nevertheless, the book will

useful — for his descriptions are generally original.

Send me the all you can like from your father's collection.

I do not get letters from Hooker or Gray for a long while.

Send to me a copy of your brochure for Miller, which I will mail here or address

Dr. F. Müller, Director Bot. Garden
Melbourne, Victoria.

By U.S. mail (ship) from Boston. The same postage will do it. I believe.

Glad you like revision of Phytolacca genera and restoration of Monostroma.

Agassiz seemed well pleased with all he saw in Switzerland — & elsewhere I have not heard him say the contrary. I do not see him very often now — shall give him your kind messages when I do.

MISSOURI B
GEORGE E

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I have names of some of Fendler's Orchids — but I will not trouble you with them piece-meal, but when you want any will copy them off from my book.

BOTANICAL GARDEN
ENGELMANN PAPERS

Cuphalia mercurialana, Mq. Notes in my copy of Mich. Fl. made at Paris, on specimen (in Hb. Richard.) are —
"Glabrous; the leaves slightly hairy on the margin, nearly ovate, obtuse. Resembles a broad-leaved C. ipecacuanha."

of C. pubentissima. I have noted "Hb. Richard. Like very large C. hypericifolia. Stems very pubescent, almost woolly at the joints, Leaves oval, 1' long, somewhat hairy."

I am unable to answer your queries about C. Adusata Pursh. It may = dictyosperma. And Pursh's C. pilosa is probably C. Darlingtonii.

I like your Buxcentea very well. I have read the paper carefully, & I send you back a loose

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with little corrections of expression — Otherwise it is good, clear English, & well expressed.

In haste ever Yours

A. Gray

Glad you will go right at Euphorbia — I will print it for you here, if you wish.

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Rec'd Dec 9 14
Ans Dec 13

Cambridge, Dec. 1. 1873

Dear Engelmann

I have just received the enclosed draft of Bank of Montreal, no. 8163 on New York, for $25, from Prof. Lawson of Kingston, for a set of Lindheimer's plants of Texas, marked outside $25. It belongs to you. Kindly notify me of the reception, & believe me Ever yours

A. Gray

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Rec'd Jan 4 Cambridge 29 Dec 1859
Ans Jn 29

I rec'd the Fraxinus & put them right for Chapman. I sent for all Torrey's & sent him back a revision of the genus, correcting his mistakes & mine.

The habitat of F. ligustrina in Mich., deceived me, in the Manual.

The Missouri & Illinois plant is F. acuminata & diff., nec = F. ligustrina.

If Torrey does not use my revision, in the genus I will send for it & print it.

Thanks for note of Oaks, Happy New Year to you & yours,
Ever yours A. Gray

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