Rec'd Oct 27th
Ans Nov 2d

Sargent

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 21 1874.

My dear Sir,

Our friend Dr Gray has turned over to me your note of the 16th inst. and I hasten to thank you for the seeds of C. A. Concolor, and Juncus undulatus both most acceptable to us. I have been flattering myself for the past two years that we had the former growing from some of Pringle's seed, but now he writes that he has seen C. A. Concolor this year for the 1st time. So I suppose it must go for Grandis. The Concolor seed must have been packed too early, as it comes damp & mouldy. But there are, perhaps, a dozen good seeds in the lot. Your seed

of. Yucca angustifolia are especially
wanted. as are seed of Y. brevifolia
Y. Schottii and Y. guatemalensis
if they ever come in your way.
Is there any way in which I can
get what seems of Each of the
following. ~~pam~~ Dasylirion. texanum,
D. ultra var uncinata. D. quinquelobum,
& D. Lemon from your part of the
world. I dont know them in cultivation
Either here or in Europe. and want
them for the new Arboretum.
I have no doubt that this Garden
& Kew's could Exchange. with a
good deal of mutual advantage.
I made a collection years ago, I sent
him Something. with a View to some
thing of the Sort, but nothing Ever

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Can not fail to send a note of acknowledgement on his part. Can nothing be done with him?

If you have not it, I can send you one of Lucas Watrous for Jos Burbanks. he will do good work. if you or any of your friends care to cultivate this handsome interesting Japan tree. he is plant in Mr Hammonds garden has studied badly this year.

I am sure that if you know the confusion that reigns Everywhere in regard to our N. Western Conifers. You would come to the rescue of all your cultivators with your notes!

Very truly Yours,

C. S. Sargent.

Dr George Engelmann.

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BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. May 31 1875.

My dear Sir,

I send you by this mail a young plant of Juncus undulata with cotyledons still attached. There are certainly not long petioles nor do the seem more separated than those of other species at the same stage of growth.

The acorns of this species germinate freely with me; and I have quite a number of plants of J. mysticoides only one has come up from the last dozen

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& comes for sent.

I Linaria has germinated
badly enough. & I have perhaps
half a dozen plants.

Colorado Physalis not up yet.
& not sure. as there has been
delay in planting the seeds. but
I will let you know about them
later.

Yours very truly.

L. J. Sargent.

Dr George Engelmann
St Louis

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Rec'd Oct 14th
Ans Oct 18

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 11 1875.

My dear Sir.

Many thanks for the packet of Agaves which arrived in very Excellent Condition.

We have just recd from Dr. Cooper of San Diego. plants & seeds of two Agaves. which he says are your *A. Shawii* & *A. Clarkii*. Can you tell if these plants are known in cultivation under other names? This is not unlikely as so many Agaves have been introduced from Mexico - and

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there is certainly the greatest
confusion in their synonymy.
Dunn thanks of A. Shuttleworthii
being cultivated in Scotland
under the name of Chyrsanthemum
Kellaphurium, but this is surely
not correct. It looks like a
young state much like Chrysanthemum
Leucanthemum of Belgian Gardens.
The Isoetes is all right. So
far - but there are lengths of
specification wrapt. Thanks for
the name. Thanks, also, for
your trouble about the Rose
seed. By the way have you an

correspondents who could get
seeds of *Rudbeckia maxima*,
or *Helianthus Maximiliani*
please? If you have, will you
kindly favor me with them
address. to-day.

Yours very truly,

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Rec Oct 29th
Ans Nov 4

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 25th 1875.

Dear Sir,

I send you by this mail some of the Isoetes. The pan in which it has been growing has been all summer in a cool house with a northern aspect, and the plant has been treated like Drosera Sarracenia &c. but has not been kept in, or under water at any time. Since I have had it. I think it has rather failed in health during the past few weeks. In regard to Dunn Grant tell Jr much beyond the fact that

his name is G. W. Dunn. and that
is address is San Diego. Has
Established some years in San
Francisco as a collector for the market
of bulbs and seeds. and that he
has been in San Diego for the past two
years doing the same thing.
He Evidently has an eye for the
main chance. in his botanical transaction.
He only sent me plant of Each species
and two or three Capsules. and these
unfortunately have been broken up. and
the seed planted. I have ~~sent~~ indeed to do
this to Palmer, who has been in
the same Country this Summer,
is sending a lot of Specimens,

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succulent plants &c. and among

them more especially of these agaves.

You will be in time thoroughly versed

photographs. When these come

the camera. shall be sent for.

The seed has germinated & there

is good supply of both there.

coming on.

I take a great interest in both

agave & yucca.. have of at

any time seeds of these come

into your hands. I should be

pretty obliged if you will

share them with me.

In fact I will make this agent

Journal. & I can use seeds

of any American plant. To advantage
either Lud, or European Exchanges.
You two take me doing as much
as possible. And as Father Jean
will begin to show their characters
I hope.

Yours very truly.

A. S. Sargent.

The Lord of Rosa. Telegram
has not turned up yet.

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Rec Jan 29

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. January 25 1876.

Dear Sir,

The box of plants, and seeds of Rosa Sabiyna arrived yesterday in Excellent condition. with hundreds the Exception of the Six Young. which look as if they had been a little touched by the cold. Many thanks for your kindness. which is most acceptable. As I have been extremely interested for some years in the cultivation of Thyme. I shall be much pleased to get a copy of your paper on the Genus. You include

Second. which is for the 2 Kinds.
have never been introduced into
Cultivation. and are very Ornamental. Thanks
to. You to know more about them
I should like to get both of them.
Shall get more always Suitably
if sending plants & A. Shannii.
A. Arenaria + A. Utahensis.
but can send you some in the Spring
if you want them.

Truly yours.

C. S. Sargent.

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Dr George Engelmann.
St Louis.

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Ans July 8

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. July 5 1876.

Dear Mr. Sir.

I am very much obliged
for your two papers in August
Nat. which you have been
kind enough to send to me.
I take it I shall duly receive it.

I am glad to hear that there
is a chance of your coming East
this Summer. & I shall then
have the pleasure of making
your acquaintance. Most thanking

Yr in person for Yrs Kindness.

Yrs very truly.

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Rec Nov. 6th
a— Jan 16
x Nov 9

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. November 2 1876.

My dear Dr Engelmann,

Jesse is West Chester. the other
day. and went to see the old
Garden of Joshua Hoopes. and the
so called *Q. heterophylla*. there
Mr Hoopes told me that You took
leaves of this tree. but could not
find any fruit. I got a few acorns.
old rotting. which I send to you to
complete Your specimen.
Jesse at Bartrams Garden. and
got there specimen of the leaves stock
of the *Q. heterophylla*. for you. I Guess
will have, You say that You have
them. Could You not send Either rec

a young man or a woman under this tree.

I shall send the Specimens from this tree until I learn whether you want them or not. as you may have got them yourself.

While in Philadelphia Lastreas that the Genus of D. pubescens are, in some cases, striped in the same manner as those of D. Meyeriana. and D. Georgiana. what I shall endeavor to have seen Stalks in the books. anyhow. The Scarlet Black oaks struggle me this year more than ever. and I am all at Sea about them. So that I send some with any certainty of names. Define the two Extreme forms. Can't you give me some tangible Characters.

for the best marked trees.

My plant of Agave Yuccaefolia is showing a flower stick. first note in Yesterday.

You have plants will be sent you in a day or two.

Yrs truly yours.

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Acc'd Nov 20th
an Dec 5

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. Nov 15th 1876.

Allyn Dear Doctor.

Thanks for the Cattleya seed.
when I shall plant at once. &
watch the results.
I think half a bushel of the Cattleya
Labiata. roots. will be enough. I
should like to have them: but not
in barrel. as you kindly suggest.
Your Gymnolobus still all right.
Some few stems of L. cinereo-Catesbaei
have just come from Mobile Champ.
Shall not send you a plant in
the Spring for Shaw?
You don't say yet. whether or not I am
to send you the foliage from the tree

at Bartrams - The Agave Scabra is progressing finely. it already nearly four feet high. the growth of 15 days. I fancy A Cornu. D. Q. Prunus A cuminata. come to four hours. Please let me have Some of them.

Yours very truly.

C. S. Sargent -

Dr George Engelmann.

St Louis.

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Rec Dec 20 '76
Ans Jan 2

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. Dec 17 1876.

My dear Dr Engelmann.

In spite of the terrible weather the plants have arrived in good condition. Of course they were somewhat frozen, but not enough, I think, to injure them. Many thanks for them & for all the seeds? which are particularly valuable.

Yesterday by mail the little packet of Cattle came. I should like more another year. The Vitis seed are all kept & carefully planted.

I enclose $10. From it please charge yourself & any mt beg. You may have made in my behalf, & send the balance to Alb. Eggert. If this is not as much as I should give him let me know & I will do the right

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thing. It is too long. to sum,
in your opinion, for the work he has
performed. Let him have both the
understanding that I want to encourage
him in his botanical work, and
that in other years. I will give him
more to do. in collecting seeds of
P. pectin, (if he can do it). A comm
specimen of your western plants that
he wants. But I leave all
this to you to manage with him.
only I want him to be satisfied
pleased. The flax leaves are
too valuable for winter bouquets.
they have all gone into the grave.
If you have not heard from Dr Gray
for will be glad to know that
I have a fine Son. two weeks old

would thank Miss Sargent to jotting
in splendidly.

Pray recall me to Mrs Engelmann
believe me to be

Yours obliged

C. S. Sargent -

Plants of the Japan Ampelopsis
sent by mail directly to Shaw
to your suggestion. There are plenty
more if you will have them.

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Rec Dec 21st
Ans same by A.C

BOTANIC GARDEN,
HARVARD UNIVERSITY,

Cambridge, Mass. Dec 18 1876.

Chapman Dr Engelmann.

Booker has asked me to make for the Kew Museum a set of Specimens of N. American Pines. Showing on a piece of the branch. the leaves. Character of Cone. &c. Perhaps You have the to send him from the Centennial Exhibition merely a complete List, but the following are still wanting:

Pinus Coulteri.
" Jeffreyi.
" Contorta var Latifolia.
" Banksiana.

I don't remember about the last. whether it is a good Species. & if that name stands. Does your

herbarium possess duplicates enough
to allow you to share me a set
of the stone. Large enough to supply
what they want. That is specimens
to keep up in the museum. But to
go between genus cover?

If it does. I shall be greatly
obliged if you will send
them me. But you must not
think for a moment of doing any
thing which will have even the
look of probing yourself.

P. Shortiana is also missing
but I shall write to Bellchamber
to look out for me.

It is terrible weather here
today. Snow. rain & sleet. very

cold. Earth to all Lower thunder

& lightening!!! What are we coming to?

Faithfully Yours.

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Missouri Botanical Garden
George Engelmann Papers

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Missouri Botanical Garden

Rec Jan 15
Ans — 16

January. 10th/77.

Allyn Dr Engelmann,

I send you this P. M. by mail.
flowers of Asclepias Incarnata. i
the hope that they may reach you
without being frozen. There
are three flowers i the box. 1 2 &
3 days old. & showing the position
of the Style at different times.
In the oldest flower. I cannot
see that the lobes of the style
have opened at all. although
the Stigmatic fluid has withered.
and the Style has somewhat
enlarged. This Evidently is Connection

to be attended only the bottom.
extra
developing for some of the flowers
above.

The honey appears about 8. am.
in the day after the opening
of the flower & is very abundant
Entirely filling the flower-tube.
Colorless. honey. sweet. & as
Sticky
~~adhesive~~ as Maple Syrup.
but it is much resembles.

Stamens adnate to base of
the lobes.

Have yet to notice the time
when the anthers become effete.
& when the stigma matures fluid
if then. If then are other points

let me know as the flowers will continue to [illegible] in the other work. Thanks for loan of Letter. Answer Soon.

In great haste.

Yours truthfully

C. S. Sargent —

Dr Geo. Engelmann

St Louis.

Let me hear how the flowers [illegible] you.

send buds
when do anthers open?
Fl. ♀ pears ♀ bud?

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Rec'd Febr 24 '71
Ans March 7

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. Feb 22 1871.

My dear Dr Engelmann.

I send you by mail a small box containing the specimen of buds according to the Enclosed. No 1 is certainly common. Is it 2 not one of the Scales taken from the bark. I think I can follow this species from the normal species in the normal state by intermediates. up to the Scaly buttons. If this holds good with many specimens. some change in Section & other arrangements of Sections of the Genus. will be necessary. Should like your opinion of this tree. What is your opinion we have here just below my house.

The other tree from which I send the specimen I saw close enough to

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think. I should take some buds
specimens of I. discolor. or I
fancy I can find a slight difference
between the buds on the Cambridge
tree. and those from the tree near
Mary gate in Brookline. what
say you? Just go under look.
them. at 2010. carefully. The
specimen in the Mary Jane
Lange tree at Brookline. which
I took for a European oak.
I now think it is only I. bicolor
in a form of it. Something like
the tree by the gate. Indeed
these are all a form of three
trees. all near each other. and
which are all very much alike.

The leaves of the Cambridge tree are certainly more obtuse than any in the Brookline trees. I want to know about the stigmas of your A. Shaveri. Does it open in the same way as in A. Virginica and does it, at maturity, without opening, become covered with papillae as in my figure of the 2nd Section. If the latter when and in what manner is the papillose growth removed? Is the stigmatic fluid copious?

Your letter. Just received with pain & sympathy.

Sincerely.

C. S. Sargent

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Rec Feb 28
Ans March 7

February 25 / 77.

Boericke

My dear Dr Engelmann.

I was in looking over my Botanical Opuscula with a view of having some of them bound. I have the following from Jan. Cart Bot Boreal

Jan. All papers in Pacific R.R.Rs.

All in Pro 1. Vol III Jour. St Louis Acy

" " " 1 " II " " " "

" " " 2 " II " " " "

Notes on some Ferns of the U.S. by Kunze communicated by Dr G. E.

Monograph of Cuscuteae

additions & corrections of Monograph of Cuscuteae.

Synopsis of Cactaceae.

Cambridge 1856

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Paper on Cereus giganteus.

Paper on 2 new Dioecious Genera.
1859.

Sketch of the Botany of Wrightsman's
Expedition. 1848. Correction

Plantae Lundellianae, 1 & 2

2 n. a. Equisetum.
presented by Dr G. E.

Paper on agave
" " Oaks.

If you have copies to spare of
any others of your botanical
papers. I shall be very much
obliged to you, if you will give
me or sell a set as possible.
If there is any St Louis
publication from above I can procure
them. I shall be obliged if you

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will give me his address.
that I may write and order them.
I take yr. instructions that I
should not have written to you.
but that there has been very little way
of working up my sale. and
that I am anxious not to put
you to any expense in the matter.
I sent for the other day. some
Tobacco seed. sent from Kew.
in being something very fine.
thinking yr. ~~the~~ you might like
to give it to some of your
correspondents to try. The seeding
of the Hickory trees. has been delayed
but they go at last. If you want more,
or larger specimens let me know.
Yours very truly, C. S. Sargent.

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Rec March 16th
Ans same day

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. March 13 1877.

My dear Dr Engelmann,

Many thanks for your answers
of the Stigmas of *C. Shaweri*
&/or the Stigmas of my agave.
I only noticed what I saw.
Section of style
although I threw your observation
in such a thing to me as a
thousand Isles. I looked carefully
at the stigmas of various flowers
with the Expectation of finding
the lobes open, being influenced
by it by your observation of *C.*
Virginica. Nor was the Stigmatic

fluid contained in the cups formed by the stamens when it would have been had there been any opening. but it stood out (as it does) boldly on the Ends of the Stigmas. The fluid secretion being possibly 2 lines thick.

Doubting the accuracy of my observation as it did not look as it should I put the needle to the end & pushed it through & through. the consistence was that of thick honey. but it seemed to

[Mar. 13, 1877]

we that until he Examine
the Union of more the case of
Ogan. the Henry & the Votes
of the Stygian Shades out
to consider. Jmere

of Course. Jurisdiction. in
a State Institute of the
proceeder.

Will cross the Lackey Haven.
What chances there together
there to for in a Port State?
Thin would be better than
there the case. Sukhoi. to.
for Lucy Letter see Haven

Mary Queen Scots. about
is a commit. Augmen

see by the [illegible]. I have already sent.

Your paper on Carices is Bot. Gaz. Boundary. I have not got one of my [illegible] Copy of Your paper in Garden & Forest. I had a Read & Science. Stops at page 458 & at the end of the 2d Column C. J. Allpress

Yours truly

C. S. Sargent.

Dr George Engelmann

St Louis

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Rec'd March 26
Ans April 25

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. March 22 1877.

My dear Dr Engelmann.

Yours that your theory in regard to the flowers of my Agave not having completely developed is the correct one. The weather at the time has very bad and dark, hardly any Sun, and snow nearly every day. Temperature in the house low; and so unlike the climate of Mexico as possible. That these conditions were unfavorable is evident from the fact that all the buds dropped off in two or three days after the fading of the flowers, even those which had impregnated artificially. My other

Agave, which flowers in April
& succeeds. Set plenty of Peas. But
at that time, unfortunately. My
attention was not directed to the
developement of the flowers. Cattaneo
declares of the Style Sabaeus it to be
hollow or was the tube of the stigma?
Is there no chance of being able
to introduce Some of your N. Mexican
Pecan? It is most desirable to do
so: As for the Elm and Juglans do it
with pleasure. Who shall I send it
to? I have long wanted a correspondence
with C. Koch on account of his
Dendrological attainments. But never
have had the occasion to bring it
about. Shall the seed go to him?
If our Elms are rare in Europe (as they
must astonish me) it is because
seeds. what like those of our Elms & Rock

and White Marbles. when in Early
Summer. travel very badly indeed
and soon loose their power of Germination.
The surest way would be to plant the
seed here as soon as ripe. and then
in the autumn send the seedlings
on. that it would be almost useless
keep. and not to travel. Five dollars
would take over a lot containing some
thousand of such plants. from here
to Berlin. If you leave this plan
to be agreeable to them there. I'll
attend to it for you. but I would
leave you to take the initiative in
the matter. such seeds or plants
as you consider best. If you collect
Elm seeds Umbrella Insect a supply
for myself of U. alata. & U. fulva.
There is no use in Oregon I know. also
Kansas Connifers. as in regard plants for

A. grandis. Does you ever see in
Eastern Gardens the true thing. I
have not all the plants under that
name for A. Canadensis?

Who will get seeds of A. brachiata
of Douglas? It is very important
to get lots of them. What a pity
Green has come East again! He
would have helped us with the conifers.

Shall pick up a packet early
Nov. Jussieuas Bates. So sorry we missed
it.

Yours ever
C. S. Sargent

Dr George Engelmann.
St Louis.

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Rec'd May 16th
Ans — 17

May 13 1877.

Brookline.

My dear Dr Engelmann.

By mail to day I send you

No. 1. 2. Cotton on pedunculata.

No 2. 2. near Attis. resembling

2. Cotton as we supposed last year.

No 3. 2. by my gate.

Nos 4 + 5. 16. 2. belonging to the same

group as No 3. and have belongs,

two, I suppose, No 2.

No 7. Carya. porcina with scaly

bark back of my house.

I have given directions to have

Under of all the California Oaks
Suit you as they developed
and among them L. Emoryi.
which is very late.

When there is not much hope of
my being able to get fresh
flowers of either Oak or Hickory
to you. in a condition to keep long
distance. but let me know what
you want me to make these
specimens for you.

It is like a summer day
here to day. things are coming
out very fast. Good for bird
shore backed they. and now to

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feel very confident of the
success of this sending. but
let me know how they reach
you.

Faithfully.

C. S. Sargent.

Dr George Engelmann.

St Louis

What have you to say about
the Subtilety of Pinus
Mitis?

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MISSOURI BOTANICAL GARDEN

Rec'd June 25 1877
Ans same day

June 22nd.

Dear Dr Engelmann.

I send you to day a box from
a Spruce which puzzles
me. It is growing in a bed
in which there are several
of the Colorado Abies Mengziesii.
and some white Spruces.
I always suppose the plant
has one of the former until
I notice the unusual
growth this year. I send

for comparison a small bit

off of one of the other ~~&~~

Mexicana. ~~for comparison~~

You will see how much more

Scattered, & open & sharp

pointed the leaves are on

the cultivated plant.

I shall send for dried

specimens of the peculiar

kind in a few days, also

a list of our Cambridge descendants

of plants & seeds that I plant

hand you to Mr Eggert

with such instructions as

may be necessary. You don't
tell me where I stand better
look for a Lobby of seven
of Powers Justice. as it stands
Come home as far South
as possible. that the plant
may be handy. Syd let
me hear from to my note in
this subject. in the Intimate
A. B. of the Jersey Club. and
that is more than doubtful
to me.. and I stand by Kinn
that to me in the matter.
If you have what I want

Creatures: Does he give it
time then: Perhaps you will
be angry all Summer with
me botanical friends — for
how can you resist such a
temptation!

When there is no like a
your ? Vesticia or Plex
but the two plants of
Calycocarpum are growing
finely.. The Gonolobus has
quite gone.

With kindest Love
C. S. Sargent

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Rec Aug 27

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. August 24/87.

My dear Dr Engelmann.

Your seed of Fouquiera are all planted. & I am hoping to upset. five seedlings in the count. They are strong healthy. So I dont think Mr Eggert need bother about wild seedlings. It is doubtful if they would grow. Many thanks for your introduction to Mr Letterman. to whom I have write soon. I will attend to

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Your putting specimens of

L. bicolor ~~to~~ is due terms.

Yes. Your memory is right

in Brooklin from the two

bark on both stem & branches

"crust & cracken" but not at

all flaky. Do you see any

pedunculate bloom about them

but that leads to higher

& dangerous ground.

Hope you have impression in

Seem. the importance of

getting your type bust of

L. Emmyii! Have the two

blanks of Agave Jacobi

throwing up. tall strong stout
flower stems. Leaves. Fruit same
yr some after flowers later.
Your notes for the Fruticum
Territory. have not come
yet.

Yours Sincerely.

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Rec Sept 27
Ans Oct 5

BOTANIC GARDEN,
HARVARD UNIVERSITY,
Cambridge, Mass. Sep 24 1873

Dear Dr Engelmann.

I send pressed flowers of Agave
Yuccaefolia. In Jan dissected also
a drawing. which. Mrs Sargent
made
has made. which sent, I fear, be of
much use to Jan — As Jan know
these things dont press well. but
Jan will I hope be able to make
out the position of the Stamens.
In the case of my plant of this
species. which flowered under glass
last January the tube of the perigone
was entirely filled with the honey se
Secretion. and this Secretion was
Contained until after the flower

had completely withered. In fact it
was the most copious secretion of the
sort I have ever witnessed in any flower.
Now in the case of the two plants
here. flowering in the house
there has not been any sign
whatever of flowers in the neighbor-
hood. In consequence the flowers have
been visited by very few insects
Since return July a one lonely
bee. about the 5th. but they soon
left in disgust. The worms
after smelling slightly. all dropped
off. three or four days after the
withering of the style. What have
you got to say to this?
The lobes of the stigma spread. slightly

I think that allowing for the development of the flowers on my plant. but the stigmatic fluid was much less copious in this case. than in my plant -

Lettsman

I have been a note in Egypt that I answered. but I have not been again - Just for curiosity as to the importance of be getting the Penus Mitis seeds.

Now that other correspondents have failed. I depend on him. & I am perfectly willing to make it worth his while to do the work.

I have nothing from you or from Flemming about the Sealing Elm. It is time I should know about it if anything is to be done

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Ther Jan. Just me the Seed of
Either U. racemosa or U. pubescens
You sent Jennings, but I have a
few seedlings he seed sent from
Bend of Michigan. Can you give
me the name of any intelligent lumber
broker or Cooper maker in St Louis
who could give me some details
about the Economic value of U. racemosa
in comparison with the common Elm.
in the trees? If you can send me
to him. Can you give me the name
of the plant of S. California that we
have called 2. Emoryii. I have 9
out from seedlings in the Spring -
Also the name of the oak. No 29 of
Palmers Collection in S. California in
1875. I greatly obliged. Yours truly,
C. S. Sargent.

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BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. 187

No. 1. Carya porcina with scaly bark. Brookline

No 2. " " typical form. "

No 3. " " intermediate between Nos 1. & 2.

No 4. " tomentosa.

No 5. " alba. Brookline.

No 6. " " Cambridge.

No 7. Quercus bicolor Cambridge.

No 8. " " at my gate.

No 9. " " near last and similar to it.

No 10. " At Brookline near Celtis.

No 11. A Hudsonica Brookline.

~~Fifth bag scaly bark~~.

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Rec'd October 4
Ans — 5

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 1 187 7.

Dear Dr Engelmann.

I have been in Maine the purpose to investigate the Lateral growth of Pinus Resinosa. You say in Gray's Manual "Cones deciduous after shedding the seed" — I find in Every Case the Cones which shed their seed last autumn still present to the branches. I also find the branch with the cones of 1877. 1876 1875 & 1874. — This I send you by mail to prove that my observation is correct — The cones of 1876, that

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is those that should often occur
P. pen
the authors use very rare, Only
Sam. both adages, & none of them good
for anything. This tree is getting
very rare in Boone & such Specimen
Soon be entirely destroyed there.
Much is cut for timber & Only
Saw a very few young plants
coming up. indeed it seems but
few comes in comparison with the
other Species of this neighborhood.
P. rigida
I Send a Specimen of P. rigida
with the cones of Last years growth
Still persistent.

Yours Truly,

L. S. Sargent.

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Rec Oct 5th 77
Ans same day

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 1 1877.

My dear Dr Engelmann.

I enclose a list of some of the plants we want, and also that Mr Leggett can get for us. I enclose the last circular sent to Jam. & Shaw sent Lemon for him to refer to the letter sent to him about *P. Metis* seed. So often the direction was not correct. Some of the things of course are not within his range.

The Burmeleas possibly the other men can get. I should like very much to have them. Hooker hangs down. Some one

Specimens of Juncus Leseurii with young buds. I should like to plant some if they are to be had.

Yours truly,

L. S. Sargent.

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Rec Oct 25
An — 26

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. October 22 1877

My dear Dr Engelmann.

I sent you the following lists.

Specimens.

No 1. Salix. Sweet.

No 2. Salix " what Sweet thinks is nothing but a large Fraxinus Q. alba, Smith. Examination showing away with the specific name. I thought we knew.

No 3. The common Chestnut oak. Eastern of western Vt. & the shores of Lake Champlain: sent by C. G. Pringle of Charlotte Vt. This Quercus is the Q. prinoides of the manual.

No 4. Quercus. Stellata. collected this Summer by me in Martha's Vineyard

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this northern limit. Only station so far as I know in S. Europe

No 5. L. castanea. This is from the

tree near Kentucky Ivy: that I found

there two years ago. I showed you

seedlings at the Arboretum. Even in the

neighborhood again last week. I got

for these specimens — for scions in October

about the 8th. The tree is small. with

white scaly bark. very like the bark of

Q. alba. The fruit as far as it is ripe

small. The bark especially is very

distinct from that of the common Chestnut

oak. of the banks of the Hudson. where it

is the commonest oak. All abundant in

the Va mountains. Except this one tree.

so far as I know, it is the Va

mountain form that the banks of

Chestnut Hill and Germantown

Pa. & Kentucky.

Yr. Immanuel Creek. Kentucky.

Quercus Prinus L. var. Michauxii Nutt. Gen. 2. 226. Sarg. Sil. N. Am. 3. 5. t. 101.

Quercus Michauxii Nutt. Sylva 1. 17. t. 5.

Quercus Prinus Michx. f. Hist. Arb. Am. 1. 74. t. 10.

Quercus montana Willd. Sp. 4. 439. Sarg. Sil. N. Am. 3. 6. t. 102.

Quercus castanea Muhl. Cat. 39. Willd. Sp. 4. 439. Sarg. Sil. N. Am. 3. 7. t. 103.

Quercus Prinus Muhl. Cat. 39. Willd. Sp. 4. 439. Sarg. Sil. N. Am. 3. 5. t. 101.

Quercus Prinus L. Sp. 997. Sarg. Sil. N. Am. 3. 4. t. 100.

Quercus Prinus Linn

Rec Nov 8 '87
Ans same day

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. November 5 1887

Dear Dr Engelmann,

I have to day your letter in regard to the Science Herald. I have sent the papers to Mrs Durant. who has started a great female College near Mr Hammonds" rules is forming Natural history Collections of Every sort - She has a large Cabinet in which to put her Herb. but when I was last there there was little or nothing in it to subscribe. I will consider this a good chance to help out. I have advised her to do so. Feeling with the

Dear Dr. I must help you.

The Mexican Boundary Plants would sell much better in Europe & Asia than here, and a notice of them either in the Journal of Botany or one of the Continental Journals might help them off. How go they?

Montinidale of D. D.?

Yours truly

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Rec Dec 5
Ans — 15

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. Dec 2 1877

My dear Dr Engelmann.

Many thanks for the fine lot of Elat fruit. which is two common just now.

Will you please me by sending to Mrs Eggert the Enclosed. & let me know when you are hunting again if he is satisfied.

With kindly yours,

C. S. Sargent.

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Rec'd Dec 26th
Ans Jan 8

BOTANIC GARDEN,

HARVARD UNIVERSITY,

Cambridge, Mass. Dec 22d 187

My dear Dr Engelmann,

Many thanks for the copies of your publications just received, and which I shall read with the greatest interest.

When I sent Mr Eggert the $10 last fall I supposed it was rather more than I was justified in doing considering what he had collected. So this year I sent rather less than I otherwise should. Now, however, I send us

other $5. that I take in all

Saturday here. Have not yet

heard anything about from

Mr Letterman. Send for me

and the Bermudas Land. I shall

be glad of it.

Take this reason to wish

health & happiness to You & yours

for the New Year. which is just

about to begin.

Sincerely Yours.

L. S. Sargent.

MISSOURI BOTANICAL GARDEN
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Dr George Engelmann.

St Louis.

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