Rec'd Sept 25th

Dr George Engelmann
St. Louis. Mo.

San Luis Potosí – Mexico
September 4th 1878

My dear Sir:

Our esteemed friend Dr. C. C. Parry starts from this place a month ago, he stays now at Monterey, where he must take the stage coach to San Antonio Tex.

Rains have been very rare seven years before, thereof we could not have a good vegetation in this year, and Dr. Parry a better collection.

By this mail I send to you two small sacs of seeds the one "Tuna Cardona" is a very good and useful fruit of this locality, the other "Tuna Criza" and I hope by and by to send to you little more, to day are not yet dry, specially a small collection of agave seeds. I think you can make grow this seeds in Mr Shant hot houses. Please present him my respects and ask if he wants some seeds of this place.

Much obliged by your favors – my respects to Mrs Engelmann and Dr. Jr.

Yours ever sincere friend
G. Barroeta.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
Missouri Botanical Garden

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec June 27th
Ans July 20

Dr. Geo. Engelmann

S. L. Potosí México June 10th 1879.

My dear friend

I have heard through Dr Parry of the great affliction wich has befallen you, I will no longer revive an inconsolable grief; but by death in this last five years of my four brothers and uncle I have so suffered my self as to entitle me to simpathize with those who weep. Please present my condolence to your son and specially for his accident and disease.

I fear Paras wine was not of the best, it was sent from Paras to New York and I could not taste, you can consult Dr. Parry's note.

By mail have sent you no less than six or eight sacs with Opuntia, mammillaria, cereus, agaves and others seeds: according your letter 4th May last I know you have not received, but I repeat to-day another remission of seeds by mail.

I could not go to the mountains with Dr. Ed. Palmer, but give him your list and he collected the oaks, euphorbia and others, you must receive by his kindnes.

Thank you by your introduction to Mr von Müller of Melbourne, he has sent me two of his interesting botanical books

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

The bundle of spines you sent makes me able to recognise the Opuntia tunicata, it grows wild in this vicinity, his common name is Clarellina. The opuntia imbricata is named in Nahuatl language Xoconostli and his fruit is very useful for preserves and others. I don't remember to have seen the flowers of the tunicata so soon as I received your letter I look for, but the flowering was passed and could only get fruits. I have now in my yard some specimens and I speck the flowers, so soon they give, would be sent to you I enclose a bundle of spines of the opuntia Clarellina, please tell me if this is the tunicata you want, I hope in expecting your answer they can flower, and be sent to you after this identification, without any mistake, because there are great many opuntias in this place. A variety perhaps of this tunicata, is one with red spines, have not received yet a good specimen to be sent. This seen at distance in the fields, looks like sheeps (the white) and induces in error the unexperienced traveller.

Hoping to hear from you soon again I will notice you that without your permission I am translating to Spanish your "Sinopsis of American Fics" please excuse this boldness and believe me

very truly yours

G. Barreda

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec Octo 27
Ans Nov 24

1

San Luis Potosi September 12 - 1879.

My dear Dr. Engelmann:
your from Alamenfest was received four days ago. Thanks for wishes of my freeman be between so clever friends. But you say still better to be in this place. And that is not great difficulty, if you will take the steamer in New York, in 12 days you can reach Veracruz and seventeen hours after, by a regular rail road to San Luis Potosi, if you please honour this Cactus country with your visit you can make the trip from the city of Mexico in four days by "diligence coach" not running by night, and if you like graph at time I can go to the city of Mexico to meet you again, in order to avoid the difficulties of the language and others.

I have like in espionage the Opuntia tunicata, some friends and servants are in charge of the first flower; and hope this year can not finish without

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

San Luis Potosi 27. 1879 3

By this mail you must receive some seeds and fruits of Opuntia tunicata, our common Yucca with eatable dry fruits, Agave, the common Agave of this place — the Amolle fruits etc —

Please note that the word Amolli in the Nahuatl or mexican language means a plant useful for washing — that corresponds to the corrupted spanish word Lechuguilla, of this we have two species the L. bronca (A. lecheguilla) used on washing floors — brick floors, dishes, cristal, silver ware etc. etc. the other L. mansa is the best for washing dress, shirts, and great many people uses it for bath like soap, there is the belief that keeps good hair. The bronca produces in the skin an eruption similar to the Urticaria, is a round root, black epidermis and white inside. The mansa (A. filifera) — also the root is the usual part, grayish outside, yellow inside, produces greater froth than the bronca and very rare Urticaria; both them are worked to prepare the fibre a good textile, from the leaf. Number of mexican lazo this field and war implement are made with these fibres. There is sold in the market with the name of amolle also, the root (stalk) fibres of another Agave not yet seen by me, but I expect to receive some specimens, to send you the notice.

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

I could sent only by this steamer some dry fruits of "Opuntia fumi cata" in a pocket to the Director of the Botanic Garden - Cambridge, Mass - Mr. Herb man has not yet taken the Arnolle, to day I expect in five days. The dates or Palm fruits, are not very dry, but by next steamer I will send or be ter by frontier line via Texas and so we won't not to expect thus long, steamer.

Please present my congratulations to your son and wife, I have not been in the Hacienda to collect for him some antiquities, but I think to go next December. the best epoch in the year to visit those low warm lands of the State.

Hoping to have the honour of your's I remain

your very truly

G. Barroeta.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec March 9th 1880

Dr G Dawoeta

San Luis Potosi Mexico. January 28—1880

Yucca

Dr. Geo. Engelmann, St. Louis, Mo.

My dear Dr.

yours of 21st November last learns me that you have received the little box with seeds. You told me that you don't understand that our Yucca "Palm" should have a diameter of six feet (the largest), how high does it grow and if the trunk is all so thick or diminishes in diameter?

In common palms called "Palma China" that of narrow leaves, the trunk is nearly of the same size till two thirds of his total hight, in this point it is divided in branches of half a feet or one and a half ft. diameter with leaves and flower in the top of this narrow branches. A month ago I was in a farm NW of this place and I saw some ones of 45 and 50 ft. high, but the mean hight I think is 30 ft or near. The higher has not the trunk very large, 2½ in the basis and 2 in the top with only two or three divisions very near the top; so it not diminishes to much in diameter

The Palma China was of the common species narrow short leaves, and I have in a place about 24 ft high, and 4 diameter, in the basis, and 3 ft. at nearly 18 ft. this kind where the division in branches.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Is it the same as Palmer?

Dr J Barrocta San Luis Potosi
Jan 28 1888

The other common species but named Palma Loca has large leaves in undivided stem, (very few exceptions with two or three short branches in the top), diameter in the basis varies between 1 to 3 ft. and diminishes very little in the high. Total length bet. 9 and 21 feet. I will sooner send to you the flowers, leaves, fibres and textile productions of both palms. Panicle always erect (in Palma China drooping)

Winter has been very dry, that is the reason for pose why we have not yet flowers in Opuntias, but expect they will come in a month or near and hope to make a good collection. See w. which you have received

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Dr G Barreta, San Luis Potosi, Jan 28 1880

Agave In respect of Amolli we only posses the two species Lechuguilla (wild same Ag. filifera) Mansa and Lechuguilla bronca (wild or rough Water in the); every Agave produce some froth like soap, but the richer and so the useful and best for this purpose are this two. I speak only of this locality because in the neighbourning States, as Queretaro and Guanajuato there are another species of Amolli: it is Manos possible you shall receive flowers and fruits of our Lechuguillas.

Yes, the fibre is extracted another plant.

both species are very different of those cultivated for both purposes in the State of Puebla or Tlaxcala, and of course different taste in drinks according the localities. The seeds you have last received are of the Agave species here cultivated for alcohol (Mescal)

I suppose you have tasted that drink, because Dr Parry took with him some bottles for specimens, it is very similar to the Swiss Gin; and people believes it to be a very good internal and external remedy for different complaints.

I have written

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dr G Barreta, San Luis Potosi, Jan 28 1880

of the leaves of both "Lechuguillas" for the lazo. That implement can be made of Agave fibre, and only of some species (of the common Agave) but is of very bad quality, the fibre is very inferior to the Lechuguilla fibre. The fibre of the Agave cultivated for Pulque is very poor and not used. In this place one species of Agave is cultivated for "Mescal" that is the alcohol of Maguey a very common drink like the American whiskey and a very productive industry in this farms, another species is cultivated only for Pulque and both species are very different of those cultivated for both purposes in the State of Puebla or Tlaxcala, and of course different taste in drinks according the localities. The seeds you have last received are of the Agave species here cultivated for alcohol (Mescal)

I suppose you have tasted that drink, because Dr Parry took with him some bottles for specimens, it is very similar to the Swiss Gin, and people believes it to be a very good internal and external remedy for different complaints.

I have written

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
Missouri Botanical Garden

MISSOURI BOTANICAL
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

San Luis Potosí — México

22nd September 1880.

4 bundles

Dear Dr. By this mail you must receive
bundles of 'Palma leaves' — belongs to the species Palma
coga
ca of wich you have before received flowers and
short leaves. They are divided into four packets because
of the Postal rules forbidding to send packages heavier than
two hundred and fifty grammes. Hopping they will reach you
duly and should be very useful yet,

Believe me dear friend

Yours respectfully

Dr. Parroka

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

UNION POSTALE UNIVERSELLE
MEXIQUE.
UNION POSTAL UNIVERSAL MEXICO.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Via Brownsville Tex

Doctor. Geo. Engelmann Sen.
3003. Locust. St
St. Louis – Mo. U.S.A.

S. O. M. HEOS. 22 OCT. 1880 ISOS.

Por este lado solo debe escribirse la direccion.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec June 7
Ans — 19

San Luis Potosí, México
May 20th — 1881

My dear Doctor Engelmann

hopping that on receipt of this you have finished your botanical work on your collections from the West, I expect to know some thing of them, specially because of the great connexion between this and the Californian south westerly region.

A very rare phenomenon in the regions I have visited last winter, has forbiden me to make a best collection. In those <u>Sierras</u> <u>ca</u>

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

tierles ("warm lands" as we call) no body has never seen before, the snow, and on 28th and 29th December after a very warm day the snow has fallen, but in great quanti ty, exactly as if I was in the Missouri country, - this was a very curious thing to see how the snowy particles melt as soon as they touched the ground as if it was a hot iron, and the splendid green vegetation borde red with the white of snow, and the astonishment of the inha bitants, and the great trouble of everybody not any residence is prepared to resist cold injuries, the are all very open and ventila

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

ted and no manner of classing. To my botanical inquire those has been a great difficulty because every plant was of a yellow colour the next day, and all the field had an aspect absolutely yellow, the snow has reached all the warm regions ocassioning great money loss in the coffee, rise, canne and bananas plantations

About cactus I have seen a curious opuntia without any thorn, do not grows in this city regions, another very narrow cylindrical — From yucca you must have a photograph I have sent long ago of the opening of a forest

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

of Palms in the road works between S. Luis y Tampico" As soon as possible I will send you specimens.

Thinking you are interested in the Meteorological investigation I enclose the Sinopsis of the year 1880 made in this city observatory

I have received a Pastal from our friend Dr Parry dated in Colton Ca.

Yours very truly

G. Barroeta

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Rec May 17

San Luis Potosí — México
April 25 — 1882

Dr. George Engelmann
Dear Dr

Without any of yours I have received your paper on
"The Genus Isoetes in North America"
for wich I present my grateful thanks.

I have the pleasure to enclose the "Resumen" of the Meteorological Observations made in this city last year (1881)

Hoping this Observations should be of some utility to you

I remain dear Dr

Yours faithfully
G. Barroeta

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN