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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Extende Jun Whitier's Buthday Aym Beneath the monslight and the secon hier dead my lateft year The writer winds are wailing low Its duges in my car I grieve not with the morning wind the is a loss befelle !! I Before me, even as believed, God is, and all is well! The years no charm ferre Mature take. as sweet her volces call, as teautique her manings treak, as fair her evenings fall-

Let winds that blow four Heaven refeel, Sear Lord, the langued air; and let the weakvery gothe flech They strength of spirit share_

And, in the eye must fail of light, The ear forget to hear, Make cleaver still the spirit's siglet, More fine the inward car

Be near me in my hours of need To soothe, or cheer, or when, and docur there cloped y curset lead as up the hills of mour!

Wilson sends his Love (1895?) Dear Marion L We are here at the Walker' and having a fine time the bays have been so happy all morning playing out in the gard. Iwas oo car ciele yesterday I could hardly sit up so I mas more than glad to have this little rest. I have no head ache this morning. Albert to have been picking garden sass and sat aut in the gard to full fear It-is a beautiful day, Was raining in Chrisago when are changed and but are did not get wet. They need rain here very much I was so diety that I had I have met. They need rown here very much Digitizedby. Hunt Institute for Botanical Documentation, by shirt wais - of Mr found if Carnegie Mellon University, Pittsburgh, PA

Hottawa Farm, Berryton, Sbawnee Co., Tkas. Friday. June. 28, Dear Ones. you ever since me got home for Children to care for ohere is tord not much time for writing This has been an unusually busy week on account hading the borticultural -meeting here resterday It mas a great success. There were about-150 here and everyone said it gras one of the best meetings This year. We had too kinds of cherry a goose berrys, one variety of ripe apple & one bag plums on by hibition some others brought fine peaches & apricots. I engaged a half bushel of aprients of the Coult's

to can for you. This is a hainy day and we are all rest my Milson is taking a nap I has taken one every day since me left you. He is getting so big and fat & noisy, he says How will have your hands full when you come home, I suppose you have had pas of letter by this time telling you that Paul reached here will poison Jug I think we got it at mrs & -s us there was some in her gard + I cautioned him about it- It was pretty bad saturday Sunday I monday . I did not notice it until Friday cae. The boys got some chiggers on Indayt that ever gave them a good bath and noticed his little do kee looked some what red I swallen, I suppose it was chiggers theated it accordingly but the next

Hottawa Farm. Berryton, Sbawnee Co., Tkas. morning it was so much right m. worse that we went to Dr Powell. He knew what is was and said Paul must go zight to bed I stay there for two orthree days . So I took him over to mis Dargents put him to bed + stayed there with him. I had to doclor him might as well as day I I can sympathise with those who have to tend, babyp. He e mended right- along and Juesday we came back home + is so nearly well now you can hardly tell that had been prosoned, This navel was quite sove too but is all well. The Dr Days he must be kell on light diet for a week or 80. The poison did not seem to affect his health much his

appetite has not been quite so good beet it is mproving. I am to give them plenty of mille eggs & rice to but no print. In say he has been stuffing too Sunch, I like Sr Powele very much. We had a very Aleasant trip from Blooming and a very Aleasant day ton at Mr Walkens, Albert is almet sich or mas-and helfedome tend the children, I was soflad to get off the train for a day as I was so sick. I did not geta bit sich the last night I did somthing you would not have done I peet. I got a berth for the boys and rode in the chair car myself. I was to uncomfortable in the sleep er I thought I would not by it the last night I got a lower berth near the door and then gat near the end of the chair

Hottawa Farm. Berryton, Sbawnee Co., Tkas. car and made abo -m during dozen briefs as comforta They sleht - Justand I OUTIP hee rested well too. leching car Conductor wise had the sick head Rotern too Mas ache all night I had & quite an experience with my wekely Chicago home or thought I wasgon to have. When I ot on the allow road at Chicago I was so seck I could hardly tell what I nos donig I when the conductor came around I gave him my licker and before I could tell him I manted to stop offat - B hehad hunched it there by cancellening it. He was quite puff when told him & said he could a pould not help it. That I could no 1-Stop off and that he could not

take the fare either to B as he had already cancelled my ticket. When he saw how badley I tels I how sich I was he adok pity on me and brigd to fix it - wh but all he could de mos to noult on the slip that he had given in return for my ticket that I had made the mistake & Told me had I might have to pay my may from B-to K-lo- I handly knew what to do & hought once that I would have to come right along but when I thought it over concluded) would risk it as mrs Wise would be desappointed I the folks here would not be in for us. Do I got off I the next evening called on the B - ticket agent but he was not at home ou I boarded the train I Told my slow to the conductor, the gave me a very ghost answer at first said no stop overson limited takets

Pottawa Farm, Berryton, Sbawnee Co., Tkas. but when I explained + cold I was ready to hay the \$3.75 from 6-to B- if that ticket was accept ed he was very pleasant + suid it was all right & he would not take the \$3. 75 so you see I came out ahead . I have had to spend that much for lint + drugs to bathe Paul in so it is gone, I think the western men are may ahead of the Eastern, I could see them begin to charge as soon as we got into mich. We had some very pleasant people in the Sleeper the First night One lady Told her husband that she never saw a more devoted mother than I and that had two fine boys. Well . we have had a suffer of poached eggs and comment

gruel. The boys made their meal Centurely of greel. Gaul wants me to tell pur that his watch does not keep berry good time but her is going to take it to the sewelers the new time weg m. He has been very careful with it ges Wilson most of the time. Paul calls him Fred. I think de likes the sound Ait. They book seem happy and have not cried after you get. Voul talk a good deal about you A Weloon inquires about "mama" everyday. He almost more me out on the way home tranting to know when we would get to franchatans They are having good times and play very nicely together. Adson is dot sto much afraid to go out alone as he used to be you need not think they caugo near the mele without our tenowing it. I went over minto your house While at mrs Sargents I hardly knew the place the has the sofa down stairs that was in Treds Study has Two Tables full of China in the parlov and your pictures all

changed around & hers up the cleaned the diving & setting room carpets + in " " room has turned a middly width of the carpet in all around and stained + varmeshed the floor. The sitting room she usels as a lovinging room has a cot & the will in there, The holey hocks are in bloom and sweet peas, honeysuckles + some roses. The Elms look heautiful. Wilson says tell Mana my watch wont to , he is hanging lon menor squaking & talking so I will have to quit, I here both sleep so well Vaul sleeps until To clock, Wilson says Tell her dood bye. I tell papa bout my pay fings. So food night and fod's blesing to with you and bing you Dafely back to us. We all send love . Souces.

Wedensday bre. Dear Falks -I did not think when Ilay wrote that I would be so long before writing again but the days are so full and the evenings short that I dont do see I ought to, The bays are talking about what they are going to do tomorrow. Wilson just said my fakes ; wont I make a big noise wif my pin wheel to morrow " We are having fine weather This week cool and cloudy and occasional showers. The got the Cablegram about seven o'clock monday eve or rather ours mas a Telegram from The Holman Pauls ups sharkled when he saw it but after wards they filled with tears and he said "I want them. but I talked about the 4th + Joked with him and he mas soon

happy again. He is feeling foit rate now . I bought them some fire crackers & to feelos & three pine wheels apiece & they feel as well satisfied as if they had 5-dollars worth aunt Melia & Kennight are coming out comorrow to they were have company. Mrs Wise has gone in town to wisit. Paul says tell you there is lots going on & the noise will begin tomorrow morning at taylight that it will not of can help it Wilson sleeps with me now to That I can reeb his chigger biter I you need not be surprised to find my hair snow white when fou come back, bas eyes are growing worse, he says they are failing very fast-now & it will not be long until they are one. Hilson is out on the porch playing thas the dish touclespead out for a carpet. I have not had time to make any firmts get but will send some as soon as possible. We had letters Today from 6 harles I Kuber -,

Sunday July 7th - 8.-Dear broches and sister -We have had splended rains and I never saw the corn look better. This has been a warm cloudy day + we have been at home. The Children are happy and contented I do not foret at all altho they often speak of you. grow mrs Reeder were here Friday and most mis boultis took supper with us yesterday. So you see we are not without company. The Alderson will be out tomorrow afternoon to stay over night We are going to boultis' in the morning after apricots. They keep us in apples. Mrs Haust mashes for us and fa thinks it terrible to pay her seventy five cents but

of course the mochildren add a good deal to the mashing. Paul went out with he after the cover this evening thought he had a fine riche. We are getting used to the bays now so that they do not seem to be so much trouble I dont know how we can give them up when you come home. I made beack currant Jam yes terday. The boys are going in to spend the day will Som and Carl some time this diel. I expect we will go about Thurs day. I will plan they for them to come out. Milson takes a big nap every day I Paul has most of the Time Paul read the Bogartist to day. He likes to read too well. Caul tried to tell you that when the Circus parade went ap 10th Street the Elephant slapped his trunkinto the shade trees along in front of the house (your fathers house) and scraped off a lat of the leaves. He forgot to say it was the Elephant. The hope to have a letter tomorrow or next day from Jou Ma sends love . Ducy.

Deavest Paul -I was glad to get your letter and tended to answer sooner but your grandpa ites to often that I thought I would wait whele. We are getting tired of having you for away. Some one told us yesterday that on expected to be gone two months. If that I do you will find us at Rohawa Darm. vougton will be our post office. Da went over The house while ago and found nine oper there running over things. They seem think it is public property. Pa says your ather ought to be here looking after it. he past area has been cold and wonley but day is bright and warm again but the rads are so muddy then are very few paring, e have not put any potatoes in yet on ac unt of the cold but think as the dark of Digitize by Hunt Institute for Botanical Documentation che me mile get some Carnegie Mellon University, Pittsburgh, PA

Blake man spent saturday cleaning, Swept at and cleaned the wood work in the rooms. e still wears his over coat and puffs & um trees in your back yard are beginning show the blossom bud's they will be in soon by the time you get home I expect. have no little chicks get but have 4 ens sitting. Mary has not been out et as your grandma Bowman is staying tere, what do you think . The Joung falks om Berryton had a surprise party on e last Hedens day eve . Brought their suppors rd a big Jug of cider. We chad a fine time harles and thabert have been out twice nd Edivin several times since you went vay They keep me busy fixing bread & an for them when they are here, I wonder by boys are always hungry ' Grandma was very when pleased to get your letter. Tell your paper with to her of he has time. I am getting the Jouths mpainons to while you are away & will keep them for u. Wish I could see the sights you are seeing . I ruld like to hear mo Hillis preach Too. burrys ill move out this week and Mabel is going be married in april . Tell your mama one of a maryleis has a fine bud on it. We have been ading of by Hund Institute for Bolaricar Bolar gagedere bellem university. Elected of from Mr beccil. The ground

Wedensday Eve. about the 20 Dearest Facks -I am sitting up with pa and will try to will a little bit to you but will not try to answer all the good fellers you have conten us lately. They all came intime for ha to enjoy but I donot suppose me will read him my more for their was a change this morning for the worke and he now sleeps all the time and is very drowey when he does wake up. more chan likely that before this reaches four he will have passed away. He seems to be very comfortable and told

ma this morning that he did not keel as bad as she thought the hedid We will be so thankful if he passes away in Sleep. aunt helia Jame out to day and will stay awhile Ma is \$0 glad to have her Frid ' four letter came Jesterday with the chick and pa lold me plainly and positively to return it to you which I will do when I see fou. Last evening he got a little flighty and the quit claim idea came into his head and nothing would do but Edd must with

to you. Edd felt very I am so glad marion much nettled about it wrole to him fast when and 2 told him that ed him so much and I did not can about it and I told him that but that he must do just he would say. "Jes. Jes" What ha said for it would it to him mas reading it to him and he told me not do to argue a question about it and said Marion is an excellent moman with tim now . I throwpa There are few her equal " had been worrying a lette He said after I had read about my fature for he him the doup letters. Well would Speak of Somthing Boys that get such grades ever once in awhile and at School can never go he lold me day before. very far wrong. The is well, Jesterday that he knew L'Good bye From Loney: that you would always look after me or if you neacher four the wills have did not your boys rould and he sends you all as well compalated ater and Digitized by Hunt Institute for Botanic Doermentation. Carnegie Mellon University, Pittsburgh, PA

....FROM W. P. POPENOE. NOTTAWA FARM. Berryton, Shawnee County, Kansas. Feb. 22 nd. 1907. Dearest Fred :-Our food Trind pather passed way at half past and twelve last night. vy quietty, and he looks to peaceful nd quick that we can but be Thankful that his suffering is all ver. He has fust slept anay the ast Two days and nights, aunt helia nd Edd are here with - us. Pa said so namy times in the last week or two. We and so many good tind friends. and to is such times that me appreciate them. on know pa always appreciated such Things to much Ne Join in much love to Digitized by Hunt Institute for Botanical Documentation, Carregie Mellon University, Pittsburgh, PA



Dear aunt Ivi Here be are, near La Junte, of had a good sleep + a good breakla - leeling to no I here are late ingatingd here are t Pri de 7 on yellow daisies instead ones here. of wh We have passed lots of little stations. I tell you. We left I ofera at 6.05. We have followed the arkansas Riv way . It is just flat prairy out here but a Lat und will see mountains soon Will write later, Sa. m. g. W. P, Think - g. W. P,



British India Sham Navigation Coy, Ld.

J. S. Linga. Between Bombarf + Karachi, 18th October 1912.

Dear Quent Lu: I was intending to write an article this afternoon, but Paule demanded the typewriter, so I will have to post pore my work and will write to you instead Just by way of beganning, Sinde my that Sam getting my first taste of Juckly heat. I got in Bomboy, and altho it isn't a bad can it makes my face Sting at times . gues it will leave me, now we are on the evoter again This is the fastest boat I have ever been on - just spine along. There is such

a crowd on board, however, that we had to take a 2nd dass calmin, with 5 benthe in it. and have 3 "stable mater". We are only on the boat for 30 his, so it doesn't matter Last night we dept on the boot while she was in the dock, and it was the hottest night I have seen since I left home I want have a thing on me, but the sweat foured off until early morning. added to that, the mosquitos were so bal that we got ag about midnight and anointed ourselves with litronella al. It is the only sure thing to keep mosquitos away. Well, we are all though with Intin, egt it doesn't seem long dree we handed at Calcutta. India is certainly an interesting country, but the natives are the scamp the earth. actually to lazy and maliferent to move out of your wad. Most of the Europeans carry a care with which to touch them in they ribs and make them sland to one side. We bent have any cares and had to resort to several ways of making the get out of the wal yelling at them doesn't

always have an effect; in forme stepping on their bare heels worked pretty well. They are certainly the limit. Northern India is very much like Southan Calif in appear ance, but not so pretty as a matter of fact, we haven't seen any place yet that was quite the equal of Calif. We think about the fittest spot we have yt seen is Penang, down in the Malay Jennasula It is a ficture of tropical beauty hard to equal. Coconuts everywhere, and by shade trees, and such things ... and I have seen more



British India Steam Havigation Cory., Ld. 9. S. Linga.

fine crotons since I left home than you could shake a stick at. I think the finest were in It onderla and Marila. They were 10 to 15 ft high and gargeously colored - are kinds. narrow and broad leaved. at Manila we saw a field of about an acre of Okpe gessamines; it was fritty fine They don't your quite so many fine folioge plants in Indra as they do further down in the tropics. In Angapore, only 50 miles from

the equation, they can, of course, grow almost anything. They say the climate is about they the same all the year round. I tell you what, I don't believe you can beat Hondulu for tropical foliage & flower ing glants. The Rayal Paincianas there were Simply great that is my favorite tree, and all the front yords in Amelula on fall of Acalyphan Crotons and such things , they go in for them more strongly than they to down around Sugapore. It like to spend a summer in Honolulis it is the place to see tropical plants. Tues you and I will have to go over there some summer before long, It is a little women there than at Gaardena, in summer time. you would be interested in skeining the way the first grow wild in Japan. They are a thick as flear on a doge back, evywhere. I think I sow Onychim japonieum, and there where sweral species of Mephrolefia queto aroun. John has about as wich a native flora Cas you could imagine . It is a brautifue country. Lots of bamboo on the hills

I haven't get seen any Country, however, that I would trade for So-Cal, in Spite of all the fun Uncle Ed makes of us. It is good enough for me. Hope Unch Charley isn't young out neghts too much. Do the blind Jig still alive? I want to write to male End now so will gud. Ste try to write you again from up Baghlah way. Lovingly wit Gove my love to Ima, and tell her she ought to see Davie's mistache, -but she would need magnifying glasses & doit.

near Bunderaber, Persia 28th February 1913. Dear aunt Luy: We received your letter just before we left Busrah, and Dwill try & write a short letter in right to it mong being marooned on board this ship with nothing to but study Freich and look at the "skeenery" as a. Erickson calles it. The weather is beautifice, and we are, and have been for 2 days, coasting along gust off the Perstan coast. It is very ficturesque. We went ashore day before yesterday in a small the bazon and copper houses. For denner we had a big slab of hot break and if worth of native candy to help the break down The flapjack , only made of courses mere. It is very good when you can get it hot. The candy we had was made of sesame seed and date sympe and taster something like peanet buttle. It is common everywhere out here and I used to get 1 f north of et as I went the the bagan at Bassah just to what my appetile. If a fellow lives on Digitized by Hunt Ustimuteror Botanical Documentation, dan get along Carnegie Mellon University, Pittsburgh, PA

2 pretty cheaply. We sat for 2 hrs in a coffee house, for a moonlay rest, and drank 3 caps of the each. Our bill was 5 of for the two of The Persian towns are quite unlike the arabian towns, and better in some ways. The buildings are more substantial and more care. fully constructed. Most of the Arab houses look like the world fale down at any minate, - the walls are never straight. Longht we anahor at the island of Ormery, to take on iron ore and after we got loaked up we will sail straight for London. It wonto be long now until we are back in civilization again I will be glad to get back, at the I do like the Quient in many ways, and especially Baghdad. I would have enjoyed staying there longer. Bane puts in all his time now study my drabie. She boke as fat and healthy as he ever did, though his face was rather thin for a while after his illness. He is getting & speak arabie very week. There isn't a great deal to see up in This neck of the woods as for as hortreveture is CoDistinued by Aunt Institute for Botacheal Documentation, Thing in the plant Carnegie Mellon University, Pittsburgh, PA

3, line to write about this time. Outsite of the date palme there is mighty little grown here, and everything books for and unhappy. There are a few roses and other flowers at Busich, but they don't amount to anything. It will seem good to get back to a country where there are some pretty flowers and plants. The aret is too lagge to grow anything that want good to est. Bombay, The head is a peculiar Indean seed, something like a peach stone would be of it were round, but polished and pretty. I think it is an Elacocarpus, - a genus of timber trees which grow at the foot of the Himaliyes. I saw the tree and the seed in Daryeeling. I had a card from Ruth Holcomb Last week If you see her, give her my best. Ite som be back in Sunny California again and can tell you of weighting have seen so I wont try to write more this time. Jele Grand me the first thing she knows she well hear me whisting out on Santa anita and I will come walking in through the Cypress hedge. Digitized by Hunt Institute for Botanical Documentation, Wilt

Carnegie Mellon University, Pittsburgh, PA

UNITED STATES DEPARTMENT OF AGRICULTURE. BUREAU OF PLANT INDUSTRY.

FOREIGN SEED AND PLANT INTRODUCTION

Weighting ton XXXXXX St Petersburg, Florida, July 20 1913.

Dear Aunt Lu:

This is Sunday morning, and as I have an hour left Defore Church time, I guess I will tell you a little about the things I am seeing down here. My, how I wish you could be with me here in St Petersburg; nearly every tropical plant you can think of will grow here, and the gardens are just full of the most beautiful things imaginable. It is really finer than nearly any place I have seen in the tropics, there being more interest in growing plants here than there is in most tropical countries.

About the commonest flowering plant, and one of the most gorgeous of all, is the Allamanda. Nearly every garden has one, usually trained on a trellis in front of the porch, and they are just loaded with the most brilliant yellow blossoms almost three inches in diameter. There are two species, as you will see in Reasoners catalog, and both are common. The large flowered one is by the far the finest, to my notion.

Another striking thing is Caesalpinia pulcherrima, which grows into a miniature tree about eight or ten feet high, and is similar in character to our Caesalpinia or Poinciana gilliesii of Calif ... but much more brilliant in coloring, the petals being a deep rich yellow, mottled with orange scarlet in the center, and the stamens two inches long and the most brilliant crimson color; it has not that faded appearance C. gilliesii so often has. I picked a few pods of seed from one of the plants, and enclosing them herewith, the I fear the plant is too tender for your location. I believe it could be grown in the most favored parts of California.

Even the Royal Poinciana grows here, a fact which surprised me Very much, as it is a strictly tropical tree, and simply wont grow in California. I saw one in bloom this morning, but they are not in full bloom here now ..

Do you know Tabernaemontana coronaria? There used to be a small plant on Calkins' place, which flowered every year, but it has died. The plant grows into a very compact and handsome bush here. and bears its flowers in the utmost profusion. They remind me of Cape Jessamines; their color is the same, but the petals are not quite so waxy. The flowers are even prettier in form, and while not quite so strongly scented as the Jessamine, are very fragrant.

I have seen both the Grand Duke Jessamine and the Maid of Orleans here; the Grand Duke is quite common, and is a fine thing. There used to be a plant of this in Calkins' lath house, which was doing well, but I suppose the freeze got it.

Antgigonon leptopus is one of the commonest vines, and is a most beautiful thing. They ought to grow more of it in California. Wish you could get hold of a root and try it; I would send you one from. here if I dared, but as I dont I will see if Igant get you one somewhere else. I think the nurserymen in Santa Barbara list it. Digitized by Hunt Institute for Botanical Documentation,

Over

Look up Phyllanthus nivosus var' roseo pictus in Reasoner. It is one of the commonest hedge plants here, and is the finest thing of its kind I ever saw. The foliage is small, but the young growth is of the most brilliant coloring, cream and crimson in all shades.

Before I forget it, let me tell you that in coming down here from Jacksonville I came by just loads of water hyacinths in blossom; some of the small ponds and streams are just choked up withe them, but they are a beautiful sight.

trinums are as common as dirt here, and by the way, I want to help you to get a collection of them, if I can, as they are fine stuff, and would do well if they got plenty of water; you could plant them near what Mrs Dunham calls an "i-durnt". I have not identified the various species in the gardens here, but only about two or three are common. Reasoner has a lot of them; I wish you could get them all. We must figure out some way for you to get hold of them. Maybe I could have them sent to me by Reasoner at Washington, aand then re-forward them to you.

Jacobinia coccinea is common here, but I dont think a great deal of it. Russelia juncea is not so common, but is Ithink, a finer thing. I used to have it in California, and it did well. I guess you know what it is.

One sees a good many Caladiums and Xanthosomas and such-like down here, and oc asionally a fine bunch of variegated Caladiums; they seem to do well, and they surely are beautiful= Crotons are rather common, and I have seen many fine plants four or five feet high. I wish you could grow them in Calif, but you cant, and thats all there is to it. I really had no fidea there was such a difference in the climatic conditions of the two regions. But Florida can put it all over you when it comes to growing purely tropical stuff. I always thought the soil was sop poor here they couldnt grow much of anything, but in many places it seems to produce splendid plants, even without fertilizer. Of course a large part of the state is too sterile to be cultivated. And down here, altho the soil Books very sterile, and is nothing but black sand, it seems that with the favorable climate it will grow almost anything in the way of tropical plants.

Clerodendrons grow over the front porches of some of the houses, and are beautiful tho I dont fancy them so much as Antigonon leptopus; the latter is surely a beautiful thing.

Tropical guavas are common in almost every garden, and you can pick up all the fruit you want to eat. Mangos arecommon in the gardens, too, but I dont see much fruit on them now. Either it has been a bad season or the crop has gone by. There are a few avocados, but I havent seen any in fruit yet; most of the fruit in the market comes from further south.

I think they have the real old fashioned Chigger down here; I have some bites this morning that feel very much like it. They have several other insects, and some hot weather too, but ofcourse one can put up with all these things if he can get mangos and avocados and all these tropic, things. They say it is lovely here in winter. Geo W Park of the Floral Magazine has his winter home here, confound him.

Well, I guess this is a big enough dose for once. With much loven to Gma and yourself

Wilt

Miami, Florida, August 10 1913

Dear Aunt Lu:

Your letter of July 28 was waiting here on my arrival. I am going to put thru some sort of a deal so that you can get those Crinums; I understood from Reasoner that the California quarantine law hadnbeen amended now and he could send in to the state all but a few specified plants which were prohibited. If that is the case, I am going to get him to send you a set of his Crinums direct; if I did not understand correctly, I will get him to send a set of them up tome at Washington and I will forward them off to you. I will try to tend to this before I go away to Brazil, as I thinkmyou ought to have those Crinums. When you get them, be sure and put them where they will get plenty of water. There is a wild Crinum or Pancratium, I dont know which, which grows along the river banks here. I saw it coming thru the Everglades, and it is a very pretty thing. Guess The is Cimum amaicanume.

Glad to know you have at last got a settlement out of Coolidge. While \$300 may seem like a small price for the avocados, a bird in the hand is worth two in the bush, and I guess you are getting quite a little more out of them than you put in to them.

No, I have not written to Ruth; if I can get time I will do it some time, altho I dont know as she cares to correspond, and I am pretty well loaded down with correspondents already= I wrote to George Hunt some time ago, but dont get any answer out of him, and am wondering whether he is under the weather, or Aunty Downes wont let him write.

No, I dont seem to getblonesome at all. Over on the West Coast, Digitized by Hunt Institute for Botanical Documentations when I was feeling sort of Carnegie Mellon University, Pittsburgh, PA blue, but not enough to hurt anything. I am really surprised how little I mind traveling alone all the time. I really get along mighty well, and enjoy it. Sometimes when knocking around the country I hardly speak a word to anybody allday; other times I meet up with some fellow horticulturist, and we have a big love featt and talk all day. Over at Ft Myers a dutch gardener on Thos A Edison's winter residence set me up to a big pitcher of guava cider, and it was hot stuff. When I am alone I usually do a lot of thinking, and considerable writing, and that prevents me from having any timeé to get lonesome.

No danger of anybody getting sick down here, it is a regular summer resort. I think if I had had to staybover on the West Coast at Marco for an indefinite period I might have picked up a little malaria, tho my blood ought to still be full of quinine from the liberal quantity I took last winter, and throw off any malaria that came my way. When I get down to Brazil I expect to take a little quinine regularly, to ward off malaria; that is the best way.

I will try hard to remember your fig bulletins when I get back to Washington, and will also get those negatives from Chas.

I pity poor Herb if mother has already framed up a deal between him and Flora. When mother found it was impossible to do anything with Paul or me I guess she must have thot she would begin on Herb earlier, in order to make a sure thing of it. I'm afraid Paul's and my chances are pretty poor now, at least mine will be if I am not more than six months in one spot for the next two or three years. Of course I dont know what Paul might do in my absence.

This is about the prettiest place in all Florida, and is about astropical as you would want it. Coconuts grow everywhere, and of

Digitized by Huhr Mstfffffe for Bolanita Documentation gs out to give a tropical Carnegie Mellon University, Pittsburgh, PA

appearance to a place. In fac t, the more I see of the co conut the more I think that it is one of the finest members of the vegetable kingdom. It certaily takes my eye.

Not so many mangos here as there were over at Ft Myers, but a good many more avocados, and I am filling up on them. I am packing a little box to send you, which contai ns several kinds of seeds which I thought you might be interested in having, not to plant but merely to keep. They are tropical, and wont do any hing in Calif, I m pretty sure. I am going to send some chashew muts, which I would advise you to roast and eat, as they are about the filest thing out. Also some Royal Poinciana seeds, and some banck eyed susans which I got over at Reasoner's. The Cashew nuts are wrapped in coconut fiber, as also a few tamarinds, which you might like to sample. They are fine when put up in syrup.

Guess this is enough for the second instalment. Going to leave a week from tomorrow for Washington. Give my regards to everybbody. With much love to you and Gma

Wilt

Digitized by Hunt Institute for Botanical Documentation, Carnegie Mellon University, Pittsburgh, PA

Washington, Sept 26 1913

Dear Aunt Lu:

Six days more and we leave here, so I had better be getting busy if Imam going to write you again before I go. I received your letter of the 14th several days ago, and was glad to hear that the Grinum bulbs had rear thed you in good shape. I hope some of them will turn out allright. I guess we can herdly expect every variety to be a success in Galifornia, but if part of them are, we will be satisfied.

I dont believe the cashew will grow in California, but it wouldnt do any harm to try it. I planted some two years ago but lost them all in try ing to repot them. You want to plant the seeds separately in pots; if you try to move the young plants from a seed box they are goners.

I looked up the fig books but I find that they are all out of print. That is usually the way with any bulletins that one wants especially badly. I may be able to get hold of No '9 at the second hand store heren for they keep a lot of old bulletins on hand. I will try to get it before I leave. I am sorry to say I forgot to ask thas for those photos you wanted until after he had left here; you will have to make Paul get them for you. Chas has them down in his locker at the camera club so I cant get at them.

Crystallised figs will taste pretty good back here in the winter. There is lots of fruit in the market but Paul and I cant afford to indulge in much of ith the price s are something scandalous. The peaches and grapes, however, look pretty tempting.

I dont blame Mary Tevis for not thinking Kathleen Florida / Digitized by Tathyn stace for; Bothered are unof really places in that state, Carnegie Mellon University, Pittsburgh, PA except some of the streams where the spanish moss grows, and they are picturesque but not fit to live in, because of the mosquitos. The whole country is as flat as a billiard table, and nothing but pine trees to break the monotony. The East coast is pretty where it has been planted to palms, and other things, but in its natural condition Florida is a pretty desolate proposition.

I think Charles is in Kansas now, and one of the men in his office told me hewas going to Sacramento, Calif, but I dont think

he is going to get down into your part of the country this time.

Paul's magazine will apear next week, he thinks, and I will ask him to send you a copy, if he doesn't forget it.

I dont believe there is much in the w ay of prune bulletins here. I will look the matter up. As to bringing you a parrot from Brazil, if I can put him in the cage with my monkey, allright; I am going to bring amenkey if I can find one like Jabbo . I saw one for sale here yesterday, a young chap, and if I hadnt been going away I would sure have bought him. And if it hadnt been so far to ship him J would have sent him to Herb, but I am afraid he would have diedon the way. But I am going to have one of those white faced monkeys some of these days.

Paul and I move into our new quorters tomorrow. We dont like Charles place, it is no good.

I guess I got off without going thru much hot weather this year. It has been fine since I got back here, and is really cool now, feels like fall. It was pretty warm in Florida, but I dont mind theheat a much as I do the cold, by a long sight. Guess I will get all I want down in Brazil, however.

I sure will send you a post card from Brazil once in a while, Digitized by Hunt Institute for Botanical Documentation, Carnegie Mellon University, Fittsburgh, pime to write I will do so. I have no doubt thatvI will get time to write occasionally. Willet M Hays, former Asst Secy of Agriculture is also going down on out boat so you see we are going to have a very distinguished crowd. We stop at Barbados for a day after being at sea five days, and then stop at Baia, Brazil, eight days later. I think it will be a fine trip. They say the service on the ship we go on is fine.

Guess I must stop now and get to work. I come down to the office in the morning an hour before anybody else arrives, and have a little time to put in on my own business. Office hours do not begin until nine, but I usually get here about eight.

Well, dont work too hard while I am gone, for I think it is high time you were taking things easy and beginning to enjoy life a little. Next spring I want to see that you get a few choice flowers to put in your garden so that when I come out they will be in bloom. I miss my garden a good deal; that is a great drawback to city life for me.

Give my love to grandma, and tell her I am going to come out to see here just as soon as the snow is off the ground in Altadena next spring.

Your loving nephew

Wilt

Bahia, Brazil, November 23 1913

Dear Aunt Lu:

I guess you think I am a little slow in writing my october letter, but everything is slow down in this country, except the tax collectors.

But we have been mighty busy every day, and I have hardly had time to write any letters. You know how it is.

While we had a good time in Rio de Janeiro ¹ am enjoying it much more here, for it is more tropical and there are many more interesting fruits. The finest fruit of all is the pineapple, and I am simply living on them. I think I put down an average of one every day, and they are not small ones either. They are fine for the liver. They only cost about 6 cents each now, and are getting cheaper as the season advances, so I expect soon to be able to getbthem for 3 cents. You never ate as fine pineapples; they are sweet and rich, and dont cut your mouth a bit, for theyaare picked ripe.

One very interesting flower which I noticed a day or two ago and thought of writing you about is Pleroma splendens, which I have found growing wild here. You know this plant, I think; I had no idea it grew wild in this country, but at times I have seen great patches of it, and it is a beautiful sight, with its purple flowers.

I have been looking around for interesting curries to bring home, and have found a few. They make some very nice baskets, of which I will bring you samples. Some very small

Digitized by Hull fistifie for Bolanical Documentations that grows in the interior, Carnegie Mellon University, Pittsburgh, PA while the larger obes are made of plassava fiber, a palm fiber obtained in this regions. I have seen the women weaving hats out of the leaves of the nicuri palm, a species of cocos, and I expect to bring home several of the hats, for they are very light and cool. Think they would go we ll at the West India Gardens.

One thing they have got down to a fine point here is the manufacture of sherberts from all kinds of tropical fruits. I have tried, up todate, surimame cherry, mango, genipap, and pineapple, and they have several more I havent sampled. The surinam cherry is one of the commonest fruits here, and is planted everywhere as a hedge plant. It makes one of the finest hedges you ever saw. When I get back I am going to induce some one in California to plant a hedge of it. They make a fine jelly out of the fruits here, too. They make jelly or jam out of nearly everything, in fact. The other day when taking lunch with a man out in the country he served us some mango jam, about as thick and solid as you can make it, and it tasted just like the dried punkin you used to put up for we boys. It was not a bad article, I thought, but I guess it wouldnt sell very well in the states. I dont think the mango is a very good fruit for jelly or jam making, it hasn't enoug h character when cooked, some way or other.

The sell lots of guava jam or cheese here, and it is fine stuff. I wish you would try making some of this with your cattley guavas some time. They merely strain out the seeds, I think, and then smother the stuff in sugar so that you get very little guava taste, and cook it until it becomes so thick Digitized by Hunt Institute for Botahical Dicumsion Knife. Maybe the cattley guava Carnegie Mellon University, Pittsburgh, PA

hasnt a strong enough flavor to make good cheese.

Say, this is simply the prettiest country you ever saw. It looks just like Costa Rica, except that the mountains are not so high. Down around Rio the mountains are rugged and four thousand feet in height, so you can almostbimagine you are in Costa Rica. When I come out to California in the spring I will bring along a set of photos to show you, and will have a few extras of the best ones for you to keep. Lost of babanas and mangos and cashew nuts and jack fruits and avocados and bread fruit, and I dont know what not. It is just the kind of a place I like to be in. The weather has not been hot enough to hurt anything, the nights always being cool. The only times I have felt warm were when I was walking up hills carrying av camera case or something of that kind, and then I usually get up a pretty g ood sweat. I havent lost any weight as yet, however, and dont expect to if things keep on the way they are going now.

Theybhave one or two very good native dishes which ¹ will tell you how to make when ^I come home. The best one is Vatapa, and it is the real thing, believe me. If we can get the ingredients for it we will have a big batch some day next spring. They use palm oil for it here, but ^I think we can make it w th olive oil almost as well. I guess you have read all about it in my journal. I am going to get a recipe before I lewve.

Another thing I will initiate you into when ¹ get home is mate drinking. Mate, or matte, pronounced mah-ty, with accent on first syllable, is Ilex paraguagensis, and the

Digitized by Hunt hander are are an awful Carnegie Mellon University, Pittsburgh, PA

fine for whatever aiks you. I am going to write them a testimonial before I leave.

I am just getting ready my bunchnof Christmas post cards, and I guess there are going to be about forty of them. I had a terrible time finding any decent post cards here, but at last found some about as good as the kind you get for a penny in the states, and they only cost me six cents each. Thats the way the money goes down here. If I stay here long I will have to get my salary raised.

Write me what you herr from the various relatives. I dont get much news of any kind down here, and am always glad to get anything. The papers never have anything about the States except what Wilson says to General Huerta and what General Huerta replies to Wilson. That seems to be all they are interested in.

Give my love to grandma, and tell her when I come walking in at the gate next Syring I expect to be wearing a mustache, for I find the climate here very conducive to raising one, and think I will give mine a chance. Sorry I cant send you any Christmas present, but it would never get home, I fear, so I ill bring it when ¹ come.

Your loving nephew

With

ON BOARD S.S. "VAUBAN. 9 abril de 1914 Dear aunt Lu: I haven't much to say but I well write you a short letter to mail of my arrival in New york. The voyage is beginning to drag a little lit still ? manage to pat in most of my time reading or talking for-Inquese. I think probably Durk send home my Brayelian souvening to the folks by Eggress just an pack a box, and I will in. Clube the few letter things I have for you and gran It

was really anothery hand to find anything worth bringing home, Shave 302 Pomale very small - baskets for you and a few other think. What of my stock consister in fruit gasts and preserves. It will Opend this to the Jocks and they will see that you get a chance to sample than Some of them I consider very good, others don't amount to much . We have had a very pleasant voyage all the way up. Today We are I days from n. 4 and the air is beginning to get a crisper. I puts new life alants. in me, after having been Digithed the unt manage to Boton imore than ? Carnegie Mellon University, Pittsburgh, PA

However, in my whole stay in Bragel I haven't had to lay of a day on account of sickings. One day I got some ptomaine sarding land had a little fever for a couple of days but it was not enough to lay me up. I think we have really been very fortunate on the trip. Trave in Bragel is really a very time proposition anytony. The only handoly it the poor grub and duty beds. It is not as exciting as analis but more interesting from a hortreultural stand point, as the wa much larger variety of I an afrank I haven't fulfilled my promise to write you a

letter a month. I guess nor that I am home I I better. It kept me pretty bury in Brage keying me Journal up to date Tele que am coming aut to See Then som, & that to stay in the U.S. for a hew months. When I come to Cal. I want a big strawberry shortcake, and some pie. With lots of love 40 ving nips