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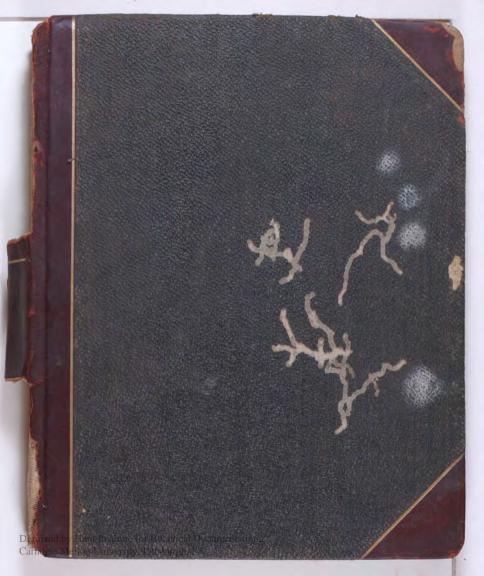
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About the Institute

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.





THE AVOCADO

By Professor Ira J. Condit, of the College of Agriculture. University of California Published by the California Avocado Association

The avocado, erroneously called alligator pear, is one of the newer fruits to-Barbara as early as 1871(1). Not until it became generally known that avocado trees around Hollywood, Santa Ana, Orange, and Monrovia were bearing hundreds of fruits selling for almost as many dollars, did nurserymen and growers realize the tremendous possibilities of this "vegetable butter," this "natural mayonnaise" as a money maker. In recent years hundreds of seedlings in various parts of the state from San Diego to Butte County have fruited, tens of thousands of trees of about forty different varieties have been propagated, and over two

THE FRUIT

fruits vary in size from one to four or five inches, in shape from round to oblong, pear-shaped, or even bottle-necked, in weight from a few ounces up to three black. The flesh is soft and buttery in its texture and is free from fiber in the

THE TREE

resembling somewhat the evergreen magnolia. There are three types(2) now being grown: the Mexican type(a), with leaves which have a strong odor and flavor of anise, and with fruit which has a thin, papery skin; the Guatemalan type(4), the leaves of which give practically no odor of anise, and whose fruit has a thick, granular rind; the West Indian type, bearing leaves without anise odor and fruit having a thick, leathery skin without granules. The Guatemalan type is being most largely planted commercially in California on account of the

Istory—Report of the California Avocado Association for 1915, p. 105, p. 22.

Association for 1915, p. 45.

Association type—Report for 1915, p. 72.

Matemalan type—Report for 1917, p. 112.

gitized by Hunt Institute for Botanical Documentation,

Harry & Johnson Bokcelia, in Time Gamesville Island Do down or mail boat from At Petersburg Punta Goda. Itas ned bus and Obelieves to have them established. Is to receive a Brooksville set of true as well. Chris Johnson, Marco. Has not med Tothas - to see Nepsling Best way any Anatemalia material as yet. to reach it go to Orlando, has " from him. Warren J. Perroy Long Boat Key near Jarasola. Has Vive's bush of the gratemeters Fort myers 1. B Skinner, Dunedin no Gustemalon moderal yet rico. On consistions gaverable Merritta Island Winter Haven (Glen St May Citais short) Other points to be visited: Tampa - Jacksonvelle Gratigny, During estate Maame. Outros of Florida West Palm Beach Savannah, Georgia Glen Saint mary

GUATEMALAN AVOCADO COLLECTION - BUDDED PLANTS

aining nts af- Filling													
Rem Fla	43	241	10	5	1	275	168	147	96	247	31	28	
: No.re-: Remaini quired: Plants : for 16: ter Fil Sets : 16 Se	80	80	80	80	80 ::	80	80 :			80 :	08	80 :	
otal No.	123	321 :	96	85 :	81 :	355 :	248 :	227 :	176 :	327 :	111	108	
House Under									27 :				
Det'n House: 12"or: Under: P. more: 12":	50	29	39 :	8	73 :	46 :		: 95	34	45 ::	21 :	29 :	
row Under	35 ::	94 ::	25 :	10		. 17	58 :	86 :	70:	46:	58 :	51 :	
	38 :	183 :	56 :	15		238 :	130 :	75 ::	45 ::	233 :	32 ::	28 :	
Variety:	Lamat	Sanola :	Ishkel	Pankay	Sabel :	Mimlioh:	44625: Panohoy:	Senik :	fan ik	abnal :	antel :	ertoh :	
.P. I.	43476: Lamat	43560:Kanola	43602:	44785: Pankay	44439: Nabel	44440: Wim110h	44625:3	44626: Benik	45560: Manik	44782: Cabnal	44783:Cantel	44856: Tertoh	
Popenoe's: S	~	9	7	12 :	15	17	18	21	26	27 :	28 ::	30 :	

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Carnegie Mellon University, Pittsburgh, PA

Thursday Washington D.O. Ito 13 1919 this wariety to determine whether this Talked with Blake on the hotany of the character is constant or not I believe Iraff to be nothing more than a glabour sport of I americana Person He says that the coyo'or chinini is a good schideracheris unconstacted to be referred to Gersen Gersea Blake still reserves progress regarding the Schiedranas. This name and safely be used standing of the Myster race. It says for the speaks in the future. It differs for it is distinct from the typical Persea O americana in levery totaminodes which are americana, but he is not certain not cepitate, in the flowers having pericelle whether these differences are gual enough much longer they the perianth, and in the to gue it operagic standing to It dringreduck pubescence of the young growth. John, or whether it is a botanical Iwanety, D. americana van Sungfolia. ene The specimens of the West Indian and quate-The maternal of the anay is not malan races, out on exception, tout - book regen Sufficient to firmit of a determination. Thooping should be obtained as soon as to Green americana He grade no botanical defprends between they two races. Traff. The Traff avecado, of which Blake has examined only One specimen, appears to him to be quite distind. In believes it to represent a distract oferces This belief is true on the absence of publisherce in the foliage and glovers of trapp It is marky

no. 19. Very ragger grower straggling. unable to stand elect. Leaves medium

no. 20. growthe of good form, fairly stout erect. Leaves rather slender.

No. 21, Good strong grower. Shoots stand with well permen Leaves deep green medium broked, thak.

not guite straight Foliage Parge, heavy leaves throng and softed han some others.

No. 26. Very similar in habit to 23. Leaves brops. Growths rather slender.

No 11. (Daly 2 small plants in this hour) Looks like Ist might not be a strong

No 30. Fairly strong grover. not very erect. Leaves medition broad, rather drooping.

Look over conditions at new garden, Marie, to see of a set of gentemalane 10 plants of each number (230 plants in all) can be planted. They should be 8 x 8 ft afact. I proticable advice Of at one and material will be sent down at once Tist Slot at Callins Beach which has been brokes out for thechi experiment near water Hank. Suggest Glant tim 8-10 deres of Bamboso tuldes at Collins Beach, for Tourset attraction of commercial barboo. We have the plants for the spring. We Lave 8000. Takes about 600 plants to acre - 8 x 8 ft in clumps.

Tuesday

Rockville Md. It 18 919

at meani material has stock growing at yarrow: 285 plants in 6" pairly So plants in 5' poto, turn Weak grower Pot hur into curses plante Fair sheps 5" 346 plants in 5" pot. 235 plants in 5° pots 7 planta

at meani material has

atock growing at yarrow: 285 plants in 6", fairly pot sound.

So planto in 5' poto, tun Wesk grower Got from cato curses

plants Fan shape 5"

346 plants in 5' pols.

235 plants in 5' poto.

7 planta

Digitified by Hunt Institute for Botanical Documentation,

Tuesday Rockville Md. 3th 18 919

at mani material has

35 plants in 5' poto, Two Weak grower Got thru into current plante Jan shape 5"

stock growing at yarrow:

285 plante in 6" pairly

346 plants in 5 pots.

235 plante in 5' pots.

7 plants

1		Rem Plan							-		
COLLECTION - BUDDED PLANTS BY TAGAING following listed varieties to to sixteen cooperators.)	placing to)	No.re-	8	8	8	8	08.11	80	8	8	-
	80.0	Total No.	123	12	8	6	100 SI	. 255	848	: 227	
	118	House: No.					total &	th of			
	lowing lowing	Plant Det'n 12" or; more;	50	3	3	8	73	94	8	56	The second second
	40	Ants at : Varror :: or:Under: re: 12":	2	16	25 :	10	- Pin	1	58	861:	
N AVOCABO	each of the	Yarron: 12"or:Under: more: 12"	38	183	26	15	STANCE.	23800	130	75	
CUATEMALAN	ants cad	oty	Lamat .	Ganola	[shka]	ankay	labal 6.	thuto: Nimitoh:	anohoy:	14626:Benik : 75	
8	ive pl	oe's:S.P.I.:Vari	43476:Le	43560:Kanol	43602: Ishkal	44785:Pankay	444 79 : Nabal	H:Ottata	1162911	111626:B	-
	0	8:8:				• • •				-	

Digitized by Hunt Institute for Botanical Documentation,

Tuesday

Rockville Md. Id. 18 919 at mani material has stock growing at yarrow: 285 plants in 6", fairly Two Week grower Got them into current plante Jan ship 5 346 plants in 5" pot. 235 planta in 5" poto.

ed by Hunt Institute for Botanical Documentation,

The following names of probable growers in Florida and California are submitted merely as a suggestion. The names of better growers may already be on file in the office, but the matter of men should be very carefully looked into

Wr. Inman, Florida.

Wr. Inman, Florence Villa, Florida.

C. S. Donaldson, Avon Park, Florida.

John Kemble, Avon Park, Florida.

E. A. Chase, Hiverside, Californi

W. H. Sallman, San Diego, Galiforni

C. F. Utt, Tustin, Galifornia

G. C. Roeding, Fresno, Californ

F. O. Popenoe, Altadena, Californ

T. G. Walker, Sun Fernando, Califo

F. H. Musbloker, Glendors, Califor

Tuesday

Rockville Md. Id. 18 919 at miami material has stock growing at yarrow: 285 plants in 6° pairly St planto in 5' poto internation weak grower Got there into current plante Fair ships 5" 346 plante in 5 pot. rede reporting. 235 plante in 5" poto. 7 planta

Digitized by Hunt Institute for Botanical Documentation,

Tuesday. Rockville Md. Feb. 18 919

at meani material has

stock growing at yarrow:

285 plants in 6" pairly

tun Weak grower Pot

plante Fan shep 5" 346 plants in 5" pot.

235 plants in 5' pots.

7 plants

Digitized by Hunt Institute for Botanical Documentation,

30 Thursday Meani, Ila Feb 27 1919 Cooks Geotemalar avacasas: Lest of avocasos in new gord en We have the following of Cooks material nowing in the law gardin 38549. Burden variety from antigue Ha long forde one Vifreit Demonda thinks the correction so had anapter to this nego 38560. Seed live, from front obtained in \$ 44782 44581 0 45861 39173. graving may lived. Not get frenting 8 7 44,146 44625 0 0 0 38562. Sechlar for fruit sotamed well, flowing but you but no faut 050 0 44/27 0 0 43432 43560 44628 45563 6 3 43932 N4626 43560 43476 4485L 62 0 44439 43602 0 43476 Digitized by Hunt Institute for Botanical Documentation, N 4/48560 445560 0 45560 0 3993 negie Mellon University Pittsburgh, PA ROW 1 ROW 2 ROW 3 ROW 4 ROW 5 ROW 6 ROW 7 ROW 8

vigorous, doing well Coming into bloom on stock at ground. Not healthy tru 5. stack blent 3 ft high som bu 4. Stock part 5 ft high trunk 2" de vigorous, color of foliage not good. fairly plant 5 ft high Taurk 2" dian. fairly healthy in oppearance. Row 3, Tree 1. Stock Plant Eft high truck I'du rather denon, por color. Tru 5 ft high, Digitized by Hunt Institute for Botanical Documentation,

Principle Mellon University Pittsburgh, PA

tree 3. stock plant 6 ft, touch 3 dian appear to be dying. (6). Bud If It high Sock plant 5 ft high, trush 5 home tree 6. stock plant 5 ft, trunk 2' dien true J. stock plant, and ling from which. the 8. stock plant, sudling from 46 337. Ina 9. seedling 36561 Row 4 tree 8. 45561 (53) Tru 5 It high vigorous, good color, coming into bloom Tace T. stock flast oft. trunk 3" dian Tree 6. Stock plant, 10 ft, truck 5' diam tree 5. stock plant 5ft trunk 3" Lean

4(

now, 7 ft high

tru 5. same, 6 ft high

but 3. same 6 ft high

tru 2. same 6 ft high

tru 1. same 6 ft high

when not otherwise ensignated; are seen lings of Collins, 19080.

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arnegie Mellon University Pittshurgh PA

Gellette wasing to plant them in bear well, Knight is making fine orchand form man Wholer Haven, growth, and he has propagal by a good Cellent is much pleases with Fuerte Grang trees. I have not get phistis. but believes it will be more valuable for the northern erge of the account Of my introductions, the following belt they for the section the sup three he the most promising (so for the objection to it his are a) a ten or growth is consumed to the ten on densit to develop drayed spito on to eleven which he now her on Trund: ourface when the front is mature Samet (3) Canchay (18); number (17) in convenient Taked for booking, and Of these Barchay of the strong of early repeny dearch the fruit not Grower Its behavior is renative able remainder of the tree here then the Cellon has one tree of Clowers "Two bound green". The Tolliers. The Gustenelan uses Cellon care to an introduction from alleger will Execuse his need much less kin should be investigated in connection deligo than the Track with the paper I entend to Surpere on The avocador introduced from attaco into Solans is the only variety Cellon is now recommended for Extensive com mercial planting. He seep that Verse har fruited with him once and was of fine Quality, and he theke it may broke to be a valuable versety. Son also

Water Mr mathern of Coconet Grow has Lake 5 years ald, Awards of their win Palong told Da Tarrotally of her bedring date nos compay into down. all of them falm and the latter devices the inveswhich are for enough advanced to Hugate the possibility of producing dates Show the sho of the Slowers are males in this region for home use of not These palms on in Excellent sometion communically, Mr mathering palm should be serom-We vester this extension the property of Mr The above Settle River Inchision end to determine of it as the time alonguede the divise Highway are a num Phoening dactilities It men bef of date falm 27 years old The something the I ate dates from it newed them from areas yeten from date one Almmer and as I recall them they were mealy with wither airest pet Partable that peri Holawi or Twent much doubt if it will be The of the bolis and pistellate and possess to broduce road date in have been bearing will althought be this region, even hortule in the nere bellenoted of blower here an fresh (autab) state. It albers to several male palms class by Ital for that the humesty is too great, and says the date. grow to large pings The summer temperatures ale not but never become soft Hethinks high enough. of he understood how to process them They would be estable at the Charles Decreng place are Mallon University Pittshurch P.

48 49 is sufficiently ased for the but to Gorgalis On the Charles Decrune property on be eater out of hand the built aprimie a memberior large plates of the is purplish us in class and others look Ketembilla or Checkon georgeboury Dougales the blackberry. The series are serviced gardners. Three of fairs of them he about the service apple seeds or some Switzer Seavey the nest producing noth uld malter straw solved. Herron Jung. I the the destribution of the February to april probably Deles gray de orregular en this sheies as it by a D copper or else it is according moisecione and the plants The plant seems to theme have and I believe it is writer or combinations while one not fruition on molbs. in garden generally of the state of no This fruit is stocking by Duggestive of is just comme in the reason has been done as not the arms in to distitle oblight in form on wich methods of established the same but I believe it would lind thely readily to stewers and to select making, dato the suchace white the pip green The bearing planted the punally kintal color agent of product of the base of the late / simply load Handelver with Smittle ground It sten The spin is brut arepul proparation about be then and rather tough The sould is not her to proquer branco planto But and swice, like that of a goodberry the Slavor districtly like that or the Warter the letter or hernally at lattle fruit which not fully afe I of protellate, so as to know whether I as decidedly acid, but when been it will be measure to plant males along wet the bearing delants or not by Hunt Institute for Botanical Documentation. Mallon University Pittsburgh PA

50 51 anality fair; our small to medic The Collar avocade, SPT MOSE In see thight in the crosty with From Sant tree of Glant Fother Garden seed easter askering closely to the march at mani Garden Eugalemnatus tesselatura terrelated scale found on Dinoraleus longan, in Right Palm grounds! been rounded, it stem instited slightly ob liquidy; app rounded; ourface unablating, roughened Howard the stem, most grow often growth yellow near bar (white ex books to sun) dots Louis few; Aken I to 3 mm thick, hand, woody wellow near seed pole from ne for skin, clean, rather dry, planos moderately such some times strong and slightly bitted (history

70 J. C. Belden 1. M. Simon St. West Galon Beas. 620 Forn St. West Palm Beach Clamadorea of "bacayito". 25 Gustimaler seed lings to be Blanted at Care Point on Like Okechober. hus by offress to W. P. B. Just suglings perhaps 10? to Strapl, Gali Breach Chillengworth West H. T. Grant Stan Stale Pala Teach W. R. moore Bop 910 Boravist beans V. D. Ward 814 Salvalla St. West Palm Beach. 10 grat decology, efforers 3 quateralan seeshars by mail and for fruits of interest to Chin, also ornapegie Mellon University, Pittsburgh, PA

Tuesday Moon Haven, Fla. March 18 1919 1 10 quaternalan secolony O. m. Baker her a Regal in fall of green truit location of the quaterelan Cass caro. In Sugram on the following page shows Moore Haven Homen (hotel) the treet on Taylor Jahn, about 01/2 mile megie Mellon University Pittsburgh, PA

Saturday Winter Haven Fla. Mar. 22, 1910 W. M. Mc Kay 6 Guatemalan seedlings, affress. @ tweste occilings listing our Benck doing finely of Sucura Park 24 Cantel doing very well 2 pt high Mas E. J. Peck Dutter Haven, Fla 3 gut seeslings by mail. Do sudling by efforess collect Wm H. Desfield Winter Haven + la 3 god surlings by mil rnegie Mellon University, Pittsburgh, PA

Wednesday Brooksville Fla Mar 26,194 1. D. Wills Buowood of Gottfaire of Truitsing Gustemalans 50 Guatemalan Sucklings Mrs Frank Harris E. M. Dickins Bake Worth, Fla. J. W. Perny Hypolish Flas. Offerny argues suchings of they bounds gitized by Hunt Institute for Botanical Documentation regie Mellon University, Pittsburgh, PA

The earble bambes in Phyllostachye James is propagating this year Phyllotochy bambasoides (quelici) marke (The Cambusoises) is the most important timber bambos on Jopan. Thyllostachus af. 23261(571) "Chel - Tile? 10,000 plants For commercial grove, flast marake 6x6 ft. It is growable that it will take 10 yrs for a grow to come to miturity and florarch beames for farnition Phyllotochyo of 23233 10000 flato (Pl. Mostocka of 40842 Salarrah cornery 200 flate Phyllostocks of 40851 Shiremand variety 200 plants Phyllostocky of 23234 nurseries a I and a 3 and disease These contain 23261 and 23233 Disease causes distortion and Sugaren of young stoots. gitized by Hunt Institute for Botanical Documentation rnegie Mellon University, Pittsburgh, PA

100 101 O List my Johnson for Gottpies avocado Punta Gorda Request Simmones to send him 6 quat seedling express callet Bohavest beaux. Punta Gerda He (mail as dress 1 m & Roberts 6 Quat secolings by where coller 6 gust seedlings by express collect to be shalles about the tolen 1st V (Bunta Gorda Fla 6 Great secolings for October 1st effren collect megie Mellon University, Pittsburgh, PA

102 Wednesday Fort Myers, Fla April 2 19 Jens Mrs John 15. Upsall, Fort Myore, Fla.

10 busses Gratemalan avocasor, 2 trues each of 5 varieties, Karola Minglish Pandry J. C. Kelly Tout odyers 10 gust seenlyge by exp col.
Kelly Brox Fort myers. itized by Hunt Institute for Botanical Documentation megie Mellon University, Pittsburgh, PA

104 Bhas Shrives It Myers 25. Thursday Fort Myers Fla april 3, 1919 Meguire JeBonnings Waflet Via fort Migers 10 ... Jas. Barbield Carampas Ft Mys 1) Hotel Bouter marco 245 In Street, There True Me Torown alva yew roster alva Frank Brown GmakalEE · I L Walker Fit myers Fla 35 Va. H. ansrewo mail adress Esters, Fla (a. H. andrew Cast america Case) Estra, Ma 25 express to It myers Thes Set of 10 genternalous, 3 trees of each send him wocas of other literature. SEMETHE MILLION 25 Trees V William Left cott 25thes Fort Dayers Ho V E. T. Shaw The Koushen Unite Estin, Fler, 25 Ft Myers Jean Myers Faidndry "C" - 10 25 seedlings by eff col notify in advance of shipment. V alfred Michael Fith Nunt- - I It myers 10 W. Skryley Honson, Bout 663, Fort Myers, 25 Wh Boyant Capting The 26 V Wabasso, Tla 25 seerlings effel V CB By ant 7 1 Muno Jula 3 how

108 Morray Braventown, Fla afril 7 1914 9. Weisman Groff Callege Callege Canton Christian Callege Dal #12, The Papayor for & Chin Dr. H. Braymers A. W. Phelps Ray a Parker Me derecteur de l'Institut secentafique albert C. muhse "all about the Margo" by V. R. gasgil 241 Sadashir Peth Poorla as J. 25 Jurge a. V. Barken Bor Notes on the propagation of the Bortrey in East Khappeck, by B. G. Vagholkon, Poma agel College Magazine Vol. VIII. No. 2 Papaya Dareation in the Flowers of the Papaya, by L. B. Kulkarni, in the Object agal. College maggine III, not. arnegie Mellon University, Pittsburgh, PA

Motes on the System, Uses and Cullivetion of the Sopaya H. J Davies. But 37, agre Spring the Dept of Jana Record and agriculture, United Provinces. Luckness. I ama GUATEMALAN AVOCADOS FOR TLORIDA Outline of a Paper to be read before the Florida Stata Horticuttural Locuety at Orlando, may 6, 1919).

Introduction
Present status of Guatemalans in Florida
Fature Cossidelities. Of Clorations carried or
during last two years in gratemals and
milities. Oursonal efforiences.

The Races of avercason Regions in which each can be grown. Regions in which

Climatic and Cultural Requerement of Pa guatermalar Race. - For gestemala, meng I Florida Stocke Marketing

Nacketing Sesson of Gustenelans, Slifeberry qualities

What Parieties shall I plant?
Eleformental flontings of many varieties
deschable at present. Long commercial
plantings of me variety undescribe.
But girlimators for various facts

igitized by Hunt Institute for Botanical Documentation

Thursday Washington DC April 24 99 Guglemalam avocasios available April 23 1919

27 230 flanta
3 24 flanta
21 131
26 \$90
18 157
17 255
6 239
33 73
23 50

On Galloway tells me there es no reason why we cannot ship avocasor with the soil on the roots, if the consigner will pay the effices Charges. The seed must be removed to comply with the generantine regulations.

April 25, 1919.

MEMORANDIM FOR THE OFFICE REGARDING GUATEMALM AVOCADOS.

This is a brief summary of the situation wit respect to our Guatemalan avocades in so far as relates to future distribution and propagation. detailed summarized statement is being prepared showing distributions to date of budwood, budded plants, and seedlings of the Guatemelan introductions.

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2

numbers not hitherto produced in quantity.

Buducod. - We have planty of budwood of th

common types (thirteen in all), such as -

The original collaborators for the fruiting out tests received all the foregoing numbers, and som of the collaborators received additional numbers. The California collaborators received budwood of all of Popence's numbers except Nos. 5, 11, 20, 22, 25, 32, 35, and 36. It is very probable, however, that a number of the growers lost some o

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Budded Plants. - There is on hand now and aveable for distribution the following budded plants, all in five and six-inch pots.

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

2 yo	253	157	31	90	2 30	24.	10
No. of Plants	2005	10.	HONE 1		2 11 011		
43560	101	15 s	16000	9	8	53. 11	99
43560	Dittritt	44625	111626	· 45560	44782	44783	111856
of March							
9							
9	1	10	1	5600	1	-	0 10
			2	2	2	2	All J

o. No. of Plant	he say con 9 or 1	A those spaiding	96 or 00 mes .	d. Please Omd	the feregotos	7. Popmen, 12c.	tog - 3, 15,917,	7	7
8. P. I. No.	479.34	43935	to 44627so	62944	089th	18944	45505	45563	4996H
Popence's No.	of these for	in laws alread	others but	Piling these	Perren pade	gaile. Ann	200 decoup af	5	9
Popeno	Cita to any	it int. P	02.11 to 11120	indens in 22	arter fezz	28 M. 100 25	Samuel In .	•	1

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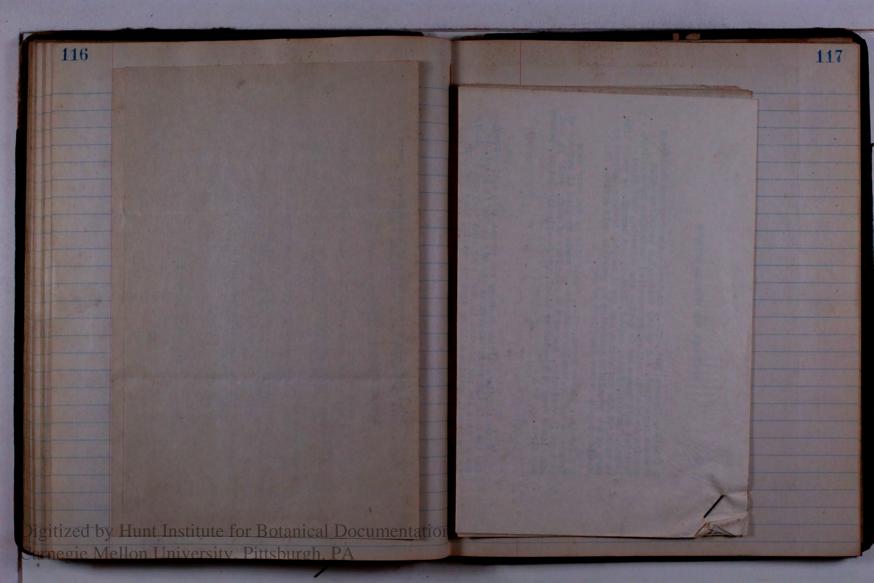
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ow case or books

up the stock here if Simmonds will send the buss of he has anything to bud on, he might get up the stock. I should say we ought to have 250 or 30 good plants. I think we should get up 200 or 3 of the Collins avocado in order to make a good distribution of a tree that gives us not only a fairly good fruit but a good stock for Florida.

PO-POT

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Carnegle Mellon University, Pittsburgh, PA



HINTS FOR SPEAKERS.

Talk to the back row of your audience; you'll hit everything closer in.

Talk to the simplest intelligence in your audience, touch everything higher up.

THE PARTY OF THE P

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ooksville, Fla., Mar 25 1919.

Mr Peter Bisset, Bareau of Plant Industry, Washington D C.

O.

s not appear to me that this region is alifornia is going to southern California, probably no more the oftrus belt of

royally at Avon Park. He has a good alan plants in fine shape. At table is now about 3 ft Jack Taylor has also planted the set carefully.

s people all along the line keenly inter

soil on the roots

already intend to

would urge

This will use up I believe we can place a

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

SEEDLING GUATEMALAN AVOCADOS

West Palm Beach, Palm Beach, 50 plants to H D Berry, P O Box 682, by express, charges collect, to West

25 plants to D H Conkling, West Palm Beach, Fla. Ship by express charges collect.

25 plants to George O. Butler, West Falm Beach, Fla. Ship by express, charges collect.

eans, Lake Worth, Fla., by express, charges

25 plants to J.R.Poland, West Palm Beach, Fla., by express, charges collect. These plants are to be set out at Pahokee, the east shore of lake Okeechobee.

25 plants to F.W.Sadler, P O Box 866, West Palm Beach, Fla., ship by express collect.

25 plants to Charles Edwards, West Falm Beach, Fla., by express charges collect. These plants are to be set out at Fahokec, on the east shore of Lake Okecchobee. 10 plants to Charles Myers, Hypoluxo, Fla., by express collect.

plants to L.N. Simon, 627 Fern St., West Falm Beach, Fla., by ress, charges collect. These are to be set out at Canal nt, on the east shore of Lake Okeechobee.

10 plants to H.B. Ward, 814 Sapodilla St., West Palm Beach, Fla., by express, charges collect.

10 plants to A.E. Zimmermann, Box 74, Lake Worth, Fla., by express, charges collect.

5 plants to G E Shappell, Port Sewall, Falm Beach Go., Fla., president inder frank. This man also would like to be listed to receive interesting fruits and ornamentals, particularly guave papayas, and yams.

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Moore Haven, Fla.,

50 plants to Jack Taylor, collect.

50 plants to J. Morley, Lake Alfred, Fla., by express, charge collect.

plants to W.M.McKay, Winter Haven, Fla., by express collect plants to Mrs E J Pack, Winter Haven, Fla., by mail under ank.

Fla., by mail under plants to Chas. Pugsley, Winter Heven, ank.

50 plants to L.D.Wiles, Incerne Park, Fla., by express, charges collect.

25 plants to Dr. J.E.Crump, Winter Haven, Fla., charges collect.

Pompano, Fla., 50 plants to Nellie L. charges collect.

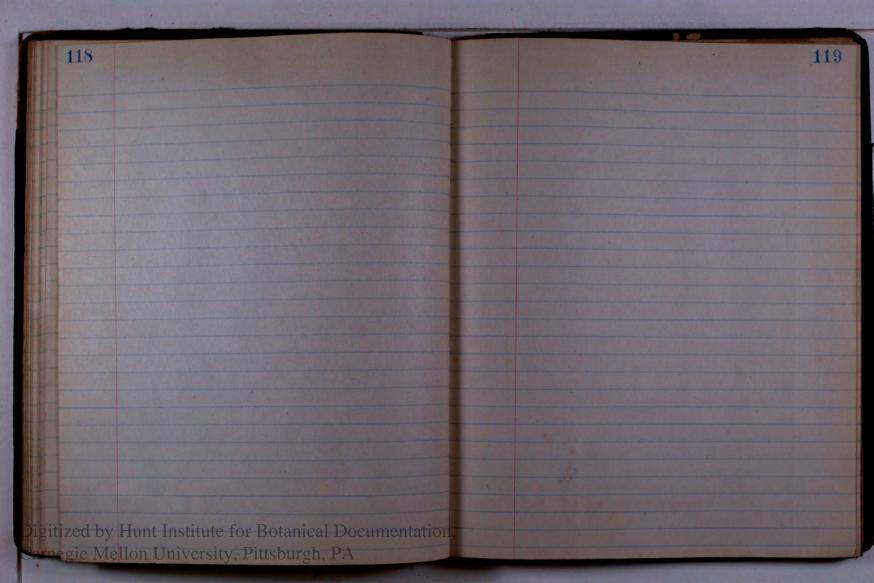
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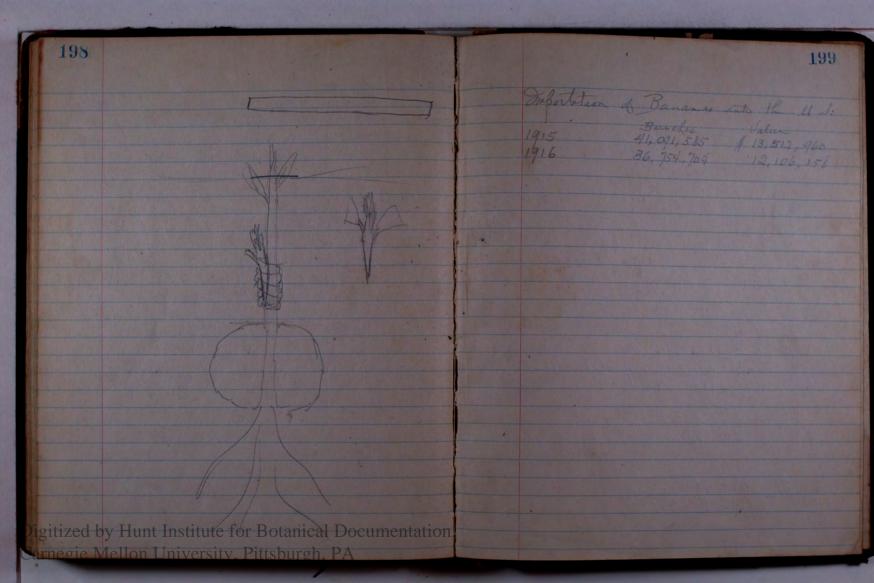
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