

*M. Lopezii* var *microcapa*

Frost 21364

402

Handwritten title in Gothic script: *Walden*

X



402



Sep 30 yield 7750  
 Oct 3 yield 7750  
 Oct 6 yield 8950

22  
400  
 1800  
150  
 8450

1 Km  
 5m.  
 Estrada y Pablo Bass  
 Rt. bank Coctoyacu

35 m. Sept. 30, 1944.

7 Km. sandy 72  
 d. red 31  
 salun 21  
 ← 94  
 pi  
 1943

sdy  
 salm.  
 d. red  
 brick

6  
 5  
 1  
 3  
 15  
 11  
 37  
 9.45



No	No	Total	yield										
tree	History	Trunk	Strain	Ecol.	Order	cut	Ht	Rt.	L	Wt	at	in	
1	28 yrs	Smooth	Sty	d. red	#33	1m	25°	3				42"	70 cc
2	"	Smooth	Sty	"	"	1m	"	3				63"	160 cc
3		"	"	"	"	1m	"	2				24	20 cc
4			red	dry	"	1m	"	4				68	175 cc
5			Sty	"	#7	4ft	25°	7				18	30 cc
6	35 yrs	Smooth	dry	"	#03	2 1/2	25°	8				50"	110
7			dry	"	"	2 1/2	"	3				51	100
8			dry	"	"	2 1/2	"	4				72	210
9			dry	"	"	3 1/2	"	2				33	75
10			"	"	20	1 1/2	15°	2				26	110
11	23 yrs		"	"	10	1 1/2	15°	3				43	75
12			"	"	8	1m.	15°	2				41	75
13			"	"	23	2 1/2	15°	3				45	50
14			"	"	23	1 1/2	15°	2				27	30
15			"	"	5	2 1/2	15°	2				30	50
16			"	"	23	2 1/2	25°	2				20	50

✓ Sel #63

Circ	Ht	Type cut	Lets
28	90		White - thick
11 1/2	50		" thin
27 1/2	110		White - med
24	80		White - med
19	80		" "
21	80		" "
26	95		" "
11 1/2	40		" "
10 1/2	40		" "
16 1/2	50		" "
24			" "
9 1/2	35	V-cut	" "
23	85		" "
16	75		" "
20	100		" "
6 1/2	35		" "

Notree History	Trunk	Strain	Ecol.	Order	Ht.	4	No Pt-1.	No Lf-nt.	Tot. in	Tot. yield
17 ant. face p. 17	smooth	d. red	"	23	1m	25	3		51	125
18 py. 12		sandy	"	23	1m	25	1		14	25
19 ant. face rough p. 12	rough	d. red	"	23	1m	25	4		66	100
20 ant. im. rough	rough	"	"	23	1m	25	2		38	40
21 py. 8		"	creek side	23	1m	25	1	1	27	100
22 ant. face smooth p. 15	smooth	"	"	22	1m	25	3		45	100
23 p. face 20	rough	"	dry loc.	23	1m	25	4		69	250
24 p. 15	smooth	sandy	"	23	1m	25	2		27	25
25 p. 15	"	"	"	"	"	25	2		13	15
26 p. 18	"	"	"	"	1m	25	3		41	170
27 p. 18 mag. b.	rough	d. red	"	23	1m	25	3		55	150
28 mag. b.	rough	sandy	"	14	1m	25	1	1	24	25
29 ant. face rough p. 12	rough	d. red	"	23	4 1/2	25	3		56	100
30 ant. face rough p. 12	rough	d. red	"	23	3 1/2	25	3		56	125
31	"	"	"	23	"	25	3		65	100
32 higher sm.	sandy	"	"	6	3 1/2	25	1		20	10



H. Benth 17

inclined

Circ	At.	Type	Latex
23	90	cut	white thick
16	70		" thin
9	25	V-cut	" "
11	35		
11 1/2	50		white thin
11	50	1 V H. spread 1 <del>thin</del>	" "
15	75		" "
7 1/2	45		" "
8	50	V-cut	" "
14	80		" "
29 1/2	110		" thick
17	90		" "
13 1/2	80		w thin
21	95		
23	100		" thick
7	30	V-cut	" thin

No tree	History	Trunk	Strain	Ecol.	Order	Ht.	g	No Rt-L	No Lf-Rt	Total in.	yield
33	ant. f. + m yp. cone	rough	dark red	dry	23	1m.	25	3		55	130
34	virg	smooth	reddish	"	23	1m	25	2		39	50
35	virg	"	"	"	28	"	"	2	1	26	10
36	ant. m. p. y no	rough	red	"	23	1m	"	2	1	17	10
37	virg	sm.	dark	M. or.	23	4 ft.	"	2		29	50
38	virg	"	"	"	23	4 ft.	"	2	1	28	25
39	virg	"	"	"	23	"	"	2		36	75
40	virg	"	"	"	23	"	15	1		14	10
41	ant. f. p. y no.	"	"	"	23	"	25	2	1	17	10
42	virg.	"	"	"	23	3 ft.	25	2		36	25
43	ant. m. p. y no.	rough	dark red	"	23	4 ft.	25	3		52	100
44	"	"	"	"	"	3 ft.	"	3		50	125
45	"	sm.	dark	"	"	"	"	2		36	30
46	"	"	"	"	"	4"	"	3		56	100
47	"	rough	dark red	"	"	3"	"	3		56	175
48	virg.	"	dark	"	13	3"	"	1	1	18	10

shaded

Circ	Ht	Type	Notes
26	100	cut	with seeds
29	110		"
33	110		" full
7	30	V-cut	thin
12	60		thin
30	90		w/ met
20	75		4" thick
29 1/2	90		or, <del>small</del>
7	30	V-cut	w/ thin
16	75		" "
11 1/2	60		" "
11	60	V-cut	" "
15 1/2	80		" "
14	85		" "
24	95		" "
13 5	60		" "

No tree	History	Trunk	Stem	Eval.	Order	Ht	No Rt-L	No L-Rt.	Total inches	Yield	d
49	"	rough	d. red	"	23	3H	3		63	55	
50	"	reflect	Salv	"	"	"	1	3	64	120	
51	"	rough	Salv	"	"	"	4		72	125	
52	very out. of the log res.	sm	Salv	"	7	4"	1	1	20	25	
53	"	rough	"	"	23	3"	2		29	25	
54	"	"	Salv	"	"	4"	4		74	110	
55	"	sm of bark	Salv	"	"	"	3		53	75	
56	"	sm of bark	Salv	"	"	"	4		69	110	
57	very	smooth	Salv	"	18	"	7	1	21	25	
58	"	"	Salv	"	23	"	2		39	100	
59	"	"	Salv	"	"	"	2		27	25	
60	"	"	Salv	"	22	"	2		30	25	
61	out face	sm	"	"	"	"	2		38	55	
62	out face to pt res	"	Salv	"	"	"	2		31	50	
63	"	"	Salv	"	"	"	3		52	120	
64	"	"	"	"	"	"	2		36	55	

High. coeff  $12.7$   
~~21.62~~

High mid yield same  
 550cc.

diam = 17.50 in

av. diam = 17.7 in

av. circ. = 55.6 in

av. % circ. cut = 72.6%

av. cut per tree = 40.4 in

yield tree = 79cc.

Circ	Ht.	Type cut	Latex
21	90		w/old
9	40	V-cut	thin
17	80		
22	90		
14	70		
19	85		
9 1/2	50	V-cut	
10	50	" "	med
13	65	2 " "	med.
20	90		"
20	80	1-V	"
28	100	2 spr.	"
20	80		
11	40		
11	35	V-cut	
14	50		
12	40		

Notree	Hist	Trunk	Strain	Ecol.	Order	Ht.	Σ	No Rt-4	No b-Rt	Total inch	Total yield
65	"	j. sm	d. red	"	"	"	1	3		60	125
66	very	sm	b. sandy	dayf	12	"	150	1	1	27	10
67	ant v. sm	rough	d. red	"	23	"	25	2		30	25
68	"	f. sm	solu.	"	"	"	1	3		51	125
69	very	san	assanti	"	"	"	-	2		27	80
70	very	"	b. sandy	"	"	"	0	3		74	150
71	very	"	sandy	"	"	"	"	2	1	29	25
72	ant py no	"	—	"	"	"	"	1	1	28	25
73	"	"	—	"	"	"	"	2	2	36	25
74	"	"	solu.	"	"	"	"	4		60	125
75	"	"	"	"	"	"	"	3	1	52	100
76	"	"	"	"	"	"	0	5		66	160
77	"	"	"	"	"	"	"	3		51	125
78	ant py no	sm	sandy	dayf	"	"	"	1		19	50
79	very	solu.	—	"	"	"	"	1		26	25
80	"	"	solu.	"	"	"	"	2	1	36	25
81	"	"	"	"	"	"	"	1		15	10

sandy = 39 = 13enth  
 salmon = 16 } 5 to brown.  
 d. red = 35 }  
 brick = 5

	inches	c.c.	
sandy	757	1015	permeable
brick	<del>1713</del>	270	
salmon	872	1545	
d. red	<del>1513</del>	<del>2145</del>	
	7558	3725	

Cp with each other  
 + with average coeff!

Coef. 12.21

Circ	Ht	Type cut	batex
13	60.		
13	70		
17	75		
27	110	1-V 2 sp.	
33	120		
30	110	1-V 3 sp.	
25	100		thick
7	25		
10	highest		
17	75	<del>V-cut</del>	thick
9 1/2	30	V-cut	thin
27	90		best.
7		V-cut	cream thick
27	80		very thin
<del>27</del>		pot sp. Sel	<del>72?</del> 60-

No trees

	by	by	T. K.	Stream	Ecst.	Order	Ht.	4	No	No	Total	yield
	by	by							Rt-L	L-Rt	mich	
82	p. y.	17	sm.	sandy	dry	23	"	"	2		30	50
83	"		sm	"	"	"	"	"	2		36	25
84	"		sm	salmon	"	"	"	"	2		39	50
85	"	17		dark	red	"	"	"	3	1	50	75
86	"	17	rough	"	"	"	"	"	4		56	150
887	"		rough	"	"	"	"	"	4		74	75
88	"		rough	"	"	"	"	"	3	1	61	200
89	"		rough	dark	"	"	2 1/2 ft	"	1		12	
90	"		"	dark	"	"	"	"	1		17	5
91	p. y.	17	rough	dark	green	"	"	"	3		39	175
92	virg.		sm.	sandy	dry	"	"	"	2	1	26	25
93	virg.		smooth	salmon	"	"	"	"	3		51	60
94	virg.		sm.	sandy	"	"	"	"	1	1	14	15
95	virg.		rough	dark	red							
96												
97												
98												

~~Av. coeff. 1.8~~  
~~2.8~~  
 Av. coeff. 1.9

3839 7020  
 45 550  
 3884 7570





No tree	Asst	Trunk	Scan	Ecol.	Order	H.	♀	M <sub>1</sub> RT-L	M <sub>0</sub> L-RT	Total inch	yield
1	✓	Sm.		not to	20	3 1/2	25	1		8	0.500
2	✓	Sm.		"	18	"	"	5		52	300 (6.7)
3	✓	Sm.		"	18	"	"	1	1	18	25
4	✓	Sm.		"	13	"	"	1		8	10
5	✓	"		"	7	"	"	1	1	19	05
6	✓	"		"	13	"	"	2		17	10
7	✓	"		"	13	"	"	7		42	395
8	✓	"		"	"	"	"	5		60	275
9	✓	"		"	13	4	"	5		49	50
10	✓	Sm.		"	13	3	"	2		21	10
11	✓	Sm.		"	13	4	"	1		7 1/2	5
12	✓	"		"	"	3	"	1		5 1/2	130
13	✓	Sm.		"	"	"	"	3		29	50
14	✓	"		"	"	4	"	4		17	110
15	✓	"		"	"	3	"	3		28	50
16	✓	"		"	"	1	"	3		7 1/2	0.5



No. tra	Host	Trunk	Stream	Ecol.	Order	Ht.	No. Rt-6	No. W-Rt.	Total in ch	Yield
17	Wm.	fish	Salmon	1st and 2nd years	13	4	4		38	125
18	V.	sun	"	"	"	3	2		17	25
19	"	"	"	"	"	3	3	(3-2 cut)	28	25
20	"	"	"	"	"	3	5		57	125
21	V.	"	"	"	"	2	1		8 1/2	
22	"	"	"	"	"	"	1		12	10
23	part of	sun	Salmon	"	"	4	6		68	100
24	V.	sun	"	"	"	4	1		12	11
25	"	"	"	"	"	3 1/2	1		13	10
26	"	"	Salmon	"	"	"	2		17	20
27	"	"	"	"	"	3	5		27	155
28	"	"	"	"	"	2	4		43	10
29	"	"	"	"	"	3	2		21	
30	V.	"	"	"	"	3	5		41	25
31	"	"	"	"	"	"	"		"	
32	"	"	Salmon	"	"	7	1		12	

	<u>sq</u>	<u>cc.</u>
sandy	505	0945
brick	50	215
d. red	204	435
salmon	497	1515

peculiar conditions  
as this is on slope of  
loma

{ sandy = 25 d. red = 4 salmon = 9 brick = 3 }	Benth	15
	Brasil.	15
		15
		15

Drain	Wt.	Type out	Latex
10 1/2	30		w
25	80		e. thick
26	95		c.v. 1/2
12 1/2	100		w
30	90		w. thick
29	70		w
15 1/2	60		w m
13	35		w
8			
Oct 2	= 30	70 cc	Av. 75 cc
Oct 5	= 31	50 cc	76 cc
Oct 7	= 33	50 cc	81.7

increasing dry spell  
after a long rainy  
week.

Notre	Height	Trunk	St. a.	Local	Order	Ht.	No. 11-12	No. 13-21	Total inches	Yield
33	✓	5x1	→	"	"	4	2		11	50
34	✓	3x1	d	→	"	3	5		52	150
35	✓	1	→	→	"	3	5		47	150
36	✓	1	→	→	"	"	2		36	50
37	✓	1	→	→	"	3 1/2	5		47	100
38	✓	1	d	→	"		5		57	110
39	✓	1	→	→	"		2		28	
40	✓	1	br. my	→	"	3 1/2	2		24	30
41	✓	1	small	→	"	3	1		12	10
42										

Highest mid. yield: 395 c.c. } same tree del 75  
 yield per cu ft: 9.4 c.c. }  
 Av. yield / tree = 2.4  
 Av. length of cut = 75 c.c.  
 Av. diam. = 31.4 in  
 Av. circ = 16.8 in  
 Av. % cut = 52.8 in  
 = 59%

1288.0  
 670  
 190  
 1605  
 3,070

Seth, of June Medical  
off. house

Oct 3.

March

tree hollow

sermo whd  
very hot to R.

H. B. H.

R	H	Temp out	Set
28	70	11 40	W. m.
24 1/2	75		W. m.
24 1/2	75		W. m.
15	65		W. m.
18	65		W. m.
22	75		W. m.
20 1/2	75		C. m.
13 1/2	60		W. m.
14	60		W. m.
13	60		W. m.
22	75		W. m.
17 1/2	70		W. m.
18	75		W. m.
9 1/2	50		W. m.
12	55		W. m.
9	45		W. m.

No. tier	Heats	Time	Dist	Zeit.	Len	H <sup>o</sup>	X <sup>o</sup>	No. Rt-6	No. Lt-6	Total	Final
1	1943-29	Sw	Sal	V. 44	19	3	20	3		57	75
2	"	"	"	"	"	"	25	"		60	50
3	"	"	"	"	"	"	"	"		67	80
4	"	"	Sal	"	"	3 1/2	"	2		27	25
5	"	"	Sal	"	"	"	"	2		45	100
6	"	"	Sal	"	"	3	"	3		61	75
7	"	"	"	"	"	"	"	3		55	50
8	"	Sw	"	"	"	"	"	2		36	20
9	1943	Sw	Sal	"	"	"	"	2		36	20
10	1943	Sw	Sal	"	5	"	"	2		27	35
11	1943	Sw	Sal	"	19	"	"	3		54	25
12	"	"	Sal	"	"	"	"	2		44	55
13	"	"	Sal	"	"	"	"	2		40	40
14	1943, 15	"	"	"	"	4	"	1		17	5
15	1943, 29	"	"	"	"	3 1/2	"	2		31	20
16	1943, 29	"	"	"	2	"	"	1		16	20



1. 11. 1917



✓ 10070: Cof 14.4

At Beach

12  
2.7 1/2  
9  
15 1/2  
9 1/2

25  
35  
65  
90  
35  
75  
20

V-cul

in the

Cocyl 3.4

at beach

15  
9 1/2  
2 1/2  
2 1/2  
2 7/2

25  
30  
65  
95  
5

V-cul

in the

✓ 69  
Del 78v

at beach  
off 5.3  
at beach  
at beach

1 1/2  
9  
3 1/2  
15 1/2

70  
25  
75  
25

V-cul

in the

date	location	time	temp	Ec	man	Ht	X	N	M <sub>6</sub>	temp	wind
17	pl. ...	...	→		"	3		RT-6	111	21	50
18	"	...	→		"	3		2	111	21	50
19	pl. ...	...	→	low...	"	4		2	111	30	55
20	"	...	→		"	4		3	111	40	80
21	"	...	→		"	4		1	111	47	50
22	"	...	→		"	4		1	111	38	60
23	v.	...	→		"	4		1	111	24	55
24	v.	...	→		"	4 1/2		1	111	30 1/2	150+
25	pl.	...	→		"	6		1	111	36	50
26	pl.	...	→		"	4 1/2		2	111	27	50
27	pl. ...	...	→	low...	"	5		1	3	60+	150-
28	"	...	→		"	5		3	1	66 1/2	175
29	v.	...	→		"	4		1	1	20	150+
30	pl.	...	→		"	4 1/2		1	1	43	210+
31	v.	...	→		"	3		1	1	16 1/2	10
32	v.	...	→		"	4		1	1	16	30
33	v.	...	→		"	4		1	1	37	120

Scan	Ht	Type	Latex	No
26 1/2	95		wm	
27 1/2	40	v-ub	wm	
28	100	p sp.	wm	
19	75		yes	
13	45		com.	
23 1/2	90	p sp.	wm	
9	35		with	
15 1/2	75		wm	
13 1/2	50		wm	
15	60			
22 1/2	90		wm	
9 1/2	20	v-ub	wm	
11 1/2	40	p sp.	wm	
17	85		wm	
28	100			
29 1/2	35	v-ub		

Wagon to  
the 13th.

Wagon to

H. Bent.

No	Notes	Height	Touch	Spec	Soil	Q. no	H+X	No. L	No. R	Total	Yield
34	p.m.	no rough	red	"	"	6	3 1/2 30	2	1	32	50
35	"	"	"	"	"	6	4 25	1	1	24	10
36	p.m.	rough	"	"	"	6	4 2	3	1	67	150
37	p.m.	"	red	"	"	6	4 1/2	2	1	52	50
38	p.m.	no	go by	"	"	6	"	1	1	30 1/2	25
39	p.m.	no	"	"	"	6	"	1	3	51	85
40	p.m.	no	butting	Mar.	"	6	"	5	1	25	50
41	p.m.	no	br.	"	"	6	4 1/2	1	1	39 1/2	150
42	"	"	salmon	"	"	6	4 1/2	1	1	30	20
43	"	"	red	"	"	6	"	1	1	39 1/2	25
44	"	"	"	"	"	6	"	2	1	52	50
45	"	"	"	"	"	6	4	1	1	24	40
46	"	"	"	"	"	6	"		2	27	50
47	"	"	"	"	"	6	5	3		43	90
48	"	"	"	"	"	6	5 1/2	2	2	62	50
49	"	"	"	"	"	6	"	1	1	14 1/2	20

	Age	No	Weight	Letters
Small	21	75	1/2	
Small	7	25	1/2	
Small	1 1/2	20	1/2	
Small	1 1/2	65	1/2	
Small	1 1/2	70	1/2	
Small	1 1/2	50	1/2	
Small	1 1/2	35	1/2	
Small	25	75	1/2	
Small	11	75	1/2	
Small	22	75	1/2	
Small	1 1/2	40	1/2	
Small	25	75	1/2	
Small	18 1/2	73	1/2	
Small	17 1/2	45	1/2	
Small	25 1/2	85	1/2	

Native	Hist	Trunk	Strain	Color	HT.	8°	No Rf-B	No B-R	Total	yield
50	pm	rough			6	23	1	2	51	101
51	✓				4	1	1	1	16	25
52					2	"	1	1	19	20
53	pm				4	"	1	1	13	55
54	✓				7	"	1	1	21	20
55					4	"	1	1	25	35
56								3	43	50
57								1	21 1/2	25
58	bl						3	1	52	125
59							1	1	37	25
60					4		1	2	51	125
61	bl						1	1	28	15
62	pl						3	1	52	110
63							2	1	47 1/2	50
64	✓	slm					1	1		50
65		slm					1	3	54	25

Handwritten notes on the left side of the page, possibly a title or description, which is mostly illegible due to fading.

Time	HT	Temperature	Notes	No.
14	70			
15	50			
34	115			
9	75	V-cut		
25	85			
12	80			
14 1/2	75			
11	35			
12	65			
7	25	max		
27	70			
24 1/2	95			
17	70			
19	65			
23	95			
21	70			

No.	tree	Trunk	Stran	Good	Side	Ht.	%	No Rt-L	No L-Rt	Total in	yield
66	as		f. at - dnf					0	1	45	20
67	po		20					1	1	24	10
68	po		20					3	1	48	75
69	v.		20					1	1	21	25
70	pl		20					2	2	55 1/2	125
71	pl		20					1	1	21 1/2	20
72	pl		20					0	2	30 1/2	40
73	pl		20						2	30	5
74	v.		20						1	30	25
75	v.		20						1	17	0
76	pl		20					1	2	51	75
77	pl		20					2	2	56	60
78	v.		20					1	2	44 1/2	125
79	pl		20					4	0	53	75
80	pl		20					4	0	69 1/2	200
81	pl		20					3	0	32	25



$$\begin{array}{r} 53 \\ 40 \overline{) 2120} \\ \underline{200} \phantom{0} \\ 120 \phantom{0} \\ \underline{100} \phantom{0} \\ 200 \phantom{0} \\ \underline{190} \phantom{0} \\ 100 \phantom{0} \\ \underline{100} \phantom{0} \\ 0 \phantom{0} \end{array}$$
  

$$\begin{array}{r} 31.5 \\ 122 \overline{) 3900} \\ \underline{1220} \phantom{0} \\ 2680 \phantom{0} \\ \underline{2670} \phantom{0} \\ 100 \phantom{0} \\ \underline{990} \phantom{0} \\ 100 \phantom{0} \\ \underline{100} \phantom{0} \\ 0 \phantom{0} \end{array}$$

Year	Ht.	Type	Lat
27	85		

	<u>mi</u>	c.c.
sandy	1073	1435
brick	173½	485
salmon	7397½	2480
d. red.	446½	640

No. tree	Host	Trunk/Stream	Ecology	Edm	Ht	d	Co Rt-L	No L-Rt	Total in	Yield
82	p form	North Kendred	"	"	4	4.5	4		61 1/2	150
83										
84										
85										
									3092	4895 cc

sandy = 35  
 salmon = 31  
 d. red = 10  
 brick = 6

Benth.  
 47 Brasil

Average coeff. 1.6

Av. yield/tree = 59.6 cc.  
 Av. length cut = 37.7 in  
 Av. diam = 16.9 in  
 Av. circumference = 53.1 in  
 Av% " cut = 71%

Highest yield = 220 cc. diff trees  
 " yield/inch = 5.3 c.c.

1876

~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~

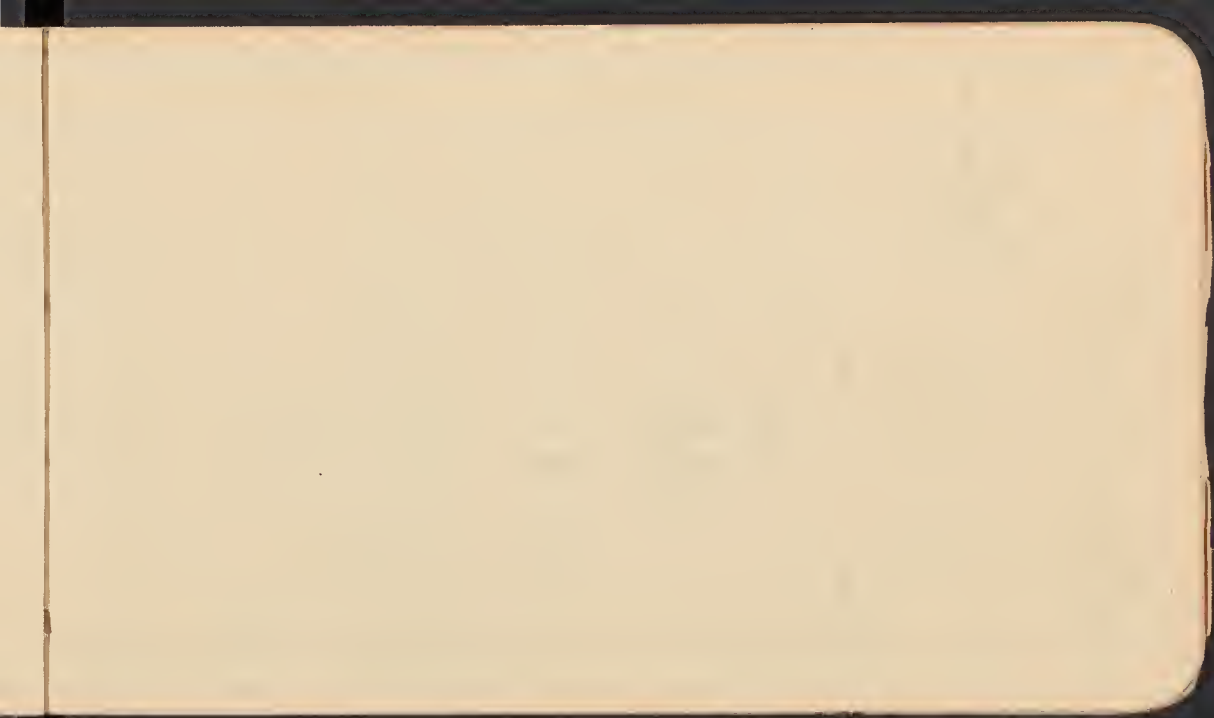
~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~

~~12. 1876. 1st. 1st.~~



Small estrada of 850  
 Rodriguez off. house

Soor cutting not yet

from injected  
 on 4 8 cuts

4000, 3000

Bank  
 N.P. 1000

still flowering

brasil

D. Pen 4.  
 " " stung

Brain	Ht	Type	Water
34	180		W. thk
11 1/2	50		w m.
18 1/2	75		w m.
29 1/2	90		w thk,
24	80		w m.
29 1/2	90		w thk,
14	50		w th.
31 1/2	90		w m.
11	40	V. cut.	w m.
8	35	p s.	w m.
9	30	V. cut	
31 1/2	95	p. sp.	w m.
15	55	p. sp.	w m.
11	55	V. cut	w m.
32 1/2	95	p. sp.	w m.
13 1/2	50		w m.

No	Unit.	Trunk	Stem	Leaf	Order	HT	Rt - b	No	L - Rt	Total	Yield
1	pm. 1943, 22	r. tur.	solm.	d. f.	6	2 1/2	25	4		63	160
2	pm. "	roughish	"	"	"	3 1/2	"	1		20	25
3	" "	"	"	"	"	3	"	2		37 1/2	25
4	" 1943 35	r. tur	solm.	"	"	2 1/2	"	4		56	100
5	" "	roughish	"	"	"	"	"	3		49	50
6	" "	"	"	"	"	"	"	3		46	55
7	v.	sm.	smooth	"	"	3	"		1	17	40
8	pm. 1943, 12	r. tur.	solm.	"	"	2 1/2	"	4		53	60
9	v	sm.	smooth	"	"	3	"	1	1	32	25
10	pm. 1943 no	"	"	"	"	2 1/2	"	1		21	20
11	v.	"	"	"	"	"	"	1	1	25 1/2	30
12	pm of 1943 no	rough	st. red	"	"	3	"	4		65	150
13	" "	"	st. red	"	"	"	"	7	1	39 1/2	110
14	" "	"	solm.	"	"	"	"	1	1	30 1/2	25
15	p.f. 1943 no	sm	"	"	"	"	"	1	3	90 1/2	235
16	p.f. 1943 no	sm.	smooth	"	"	"	"	2		32	35

2.8.  
 395 | 1100  
 790  
 ---  
 3100

Make the Bench

Bench, cut.

Bench.

Bench.

local,

Size	Ht	Type of	Water
12 1/2	50		wm.
13 1/2	70		wm.
31 1/2	95		w/plate
12 1/2	50		wm.
24 1/2	85		wm.
9 1/2	35		wm.
14 1/2	70		wm.
20	80		w
8 1/2	30		w/plate
4	35		w/plate
18	80		o.v. plate
6 1/2	25		wm.
26	90		wm.
11 1/2	55	V-cut	wm.
18 1/2	80		wm.
5 1/2	25		

No	Dist	Trunk	Strain	Sex	Crab	H	A	No R1-L	No L-R1	Total	Yield
17	pl. 1013	f. Sm	sa <u>ty</u>	"	"	3 1/2	"	2		30 1/2	25
18	pl. 1013	"	"	"	"	"	"	1	1	32 1/2	25
19	"	rough	d. red	"	"	"	"	0	4	63 1/2	160
20	V.	sm	sa <u>ty</u>	"	"	"	"	0	2	29 1/2	35
21	pl.	f. sm	sa <u>ty</u>	"	"	"	"	0	3	48	120
22	V.	sm	sa <u>ty</u>	"	"	4	"	1		19	05
23	V.	"	sa <u>ty</u>	"	"	"	"	0	2	37	75
24	pl. 1013	sm	"	"	"	3 1/2	"	2		32 1/2	35
25	V.	"	sa <u>ty</u>	"	"	"	"	1		29	25
26	"	"	sa <u>ty</u>	"	"	"	"	1		17	20
27	pl. 1013	sm	d. red	"	"	"	"	1	1	26	30
28	V.	sm	sa <u>ty</u>	"	"	"	"	1		15	20
29	pl. 1013	with hard red	"	"	"	"	"	2	2	48	60
30	V.	sm	sa <u>ty</u> Mew	"	"	"	"	1	1	29 1/2	25
31	pl. 1013	with hard red	"	"	"	"	"	2	2	46 1/2	30
32	V.	sm	sa <u>ty</u>	"	"	"	"	1		10	05



some 4'

Benth. cut.

brack. cut.

Benth. cut.

Drain	Hr	Type cut	Notes	Drain
31	90	..	W.V. thick	3
20 1/2	80	..	" " "	3
8	35	..	wm.	3
13 1/2	60	..	wm.	3
17 1/2	80	..	wm.	3
7 1/2	30	..	wm.	3
8 1/2	40	v-cut	wm.	3
10 1/2	50	..	wm.	4
19 1/2	80	p.s.p.	w/htk.	4
28	95	..	w.m.	4
20 1/2	85	..	v-thk	4
6 1/2	35	..	w.th.	4
1 1/2	55	v-cut	wm.	4
13 1/2	60	..	wm.	4
22	90	p.s.p.	w/htk.	4
29	95	..	w/htk.	4

No	Hist.	Trunk	Strain	Earl.	Sex	Ht.	♀	No RT-L	No L-RT	Total	Yield
33	pjh	Kn rough	Salem	"	"	"	v	4		41	60
34	p6+m	f. sm	"	"	"	"	"	3		48	75
35	v.	sm	Serdy	"	"	"	"	1		19 1/2	10
36	"	"	"	"	"	"	"	2		36	25
37	p6+m	f. sm	Salmora	"	"	"	"	2	1	42 1/2	75
38	p.m.	Kn	"	"	"	"	"	1		19	05
39	v.	SM	"	"	"	"	"	1	1	24	10
40	"	"	"	"	"	"	"	1	1	28	25
41	p.m.f	rough Kn	dry f.	"	"	"	"		3	26	20
42	"	"	dry f.	"	"	"	"		4	27 1/2	35
43	"	"	"	"	"	"	"	2	2	42 1/2	50
44	v.	SM	"	"	"	"	"	1		21	20
45	"	"	"	"	"	"	"	1	1	31	75
46	"	"	"	"	"	"	"	1	1	31	25
47	p6+m	rough Kn	Salmora	dry f.	"	"	"	1	2	46	50
48	p"	rough Kn	dry f.	"	"	"	"	2	2	51 1/2	75

brasil  
Ben M.

Size	Pr	Type	Notes	No
3 1/2	100		ethk	41
1 1/2	85		wm.	5
14 1/2	75		wm	5
16	60		wm	5
22	90		wm	5
12	60		wm	5
22 1/2	80		wm	5
13 1/2	75		wm	5
8 1/2	35		"	5
12 1/2	60	pop	"	5
23 1/2	75		"	5
8 1/2	40	V-	"	6
25	85		ethk	6
20 1/2	75		wm	6
23 1/2	75		wm	6
22 1/2	90		wm	6

No	History	Trunk	Strain	Seed	Color	Ht	X	No A-L	No L-R	Trunk	yield
49	"	N. Knoff	d. red	"	"	"	"	2	2	49	110
50	V	Sm	Salmon	"	"	"	"	3		28	75
51	V	Sm	Salmon	"	"	"	"	2	1	33	50
52	p.f.m.	f. sm	"	"	"	"	"	3		30 1/2	25
53	"	"	Salmon	"	"	"	"	2	2	45	100
54	V	Sm	Salmon	"	"	"	"	1	1	30 1/2	25
55	p.f.m.	S. sm	Salmon	"	"	"	"	4		49	50
56	V	Sm	Salmon	"	"	"	"	1	1	37 1/2	30
57	"	"	Salmon	"	"	"	"	1	1	25 1/2	25
58	p.f.m.	1 Sm	Salmon	"	"	"	"	1	1	28	30
59	"	"	"	"	"	"	"	4		55	70
60	"	"	Salmon	"	"	"	"	1	1	30	20
61	"	"	Salmon	"	"	2 1/2	"	3		48	20
62	"	"	"	"	"	2 1/2	"	3		54	50
63	"	"	Salmon	"	"	"	"	4		52 1/2	30
64	" 1942	"	Salmon	"	"	3	"	3	"	49 1/2	25

sandy = 22  
 salmon = 97  
 brick = 7  
 d. red = 12

} 46 broods  
 }

	<u>in alt</u>	<u>cs.</u>
sandy =	595	580
salmon =	1159	1755
d. red =	563.5	935
brick =	170	180

Fin.	HT.	↑	↓
24 1/2	90		nr.
26 1/2	100		wn
13 1/2	70		wn
11 1/2	48		wn

65  
 66  
 67  
 68  
 69  
 70  
 71  
 72

	Dist	Spunk	Stva	Real	Crk	Ht	R-L	No	No	Total	yield
65	p.f. d.m.	2.8	Sal	Old	"	25	2 1/2	3		53	75
66	"		rough	Red	def	"	3 1/2	4		36	60
67	Hm.		rough	salmon				1		9 1/2	10
68	"		salmon					2		27 1/2	20
69											
70											
										<hr/>	<hr/>
										2502.5	3460cc

Highest individual yield: 235  
 Highest yield per tree: 2.8

Average Coff = 1.4

~~salmon 27  
 sand 12  
 d. 29~~

Av. yield/tree = 50.9 cc.  
 Av. diam. = 17.8 in  
 Av. length cut = 36.8 in  
 Av. circ. 55.9 in  
 Av. circ. =  
 % of circ. cut 66% 55.9 in



No tree	History	Trunk	Straw	Coal	Order	Ht	✕	No R-U	No h-R	Total	yield
1	pf. 1943-32	f sm	shed -	" "	1	3	3 <sup>00</sup>	3		54	25
2	"	"	" -	"	"	"	"	2		41 1/2	50
3	"	sm	sandy	"	"	2	"	1		26	20
4	pf. "	pr. lat	saline	"	"	2 1/2	"	3 <sup>11</sup>		48	20
5	pf. "	"	"	"	"	2 1/2	"	4		69	60
6	v.	sm	sandy	M. AWS	"	4	"		1	17 1/2	20
7	"	"	"	"	"	"	"		1	18	25
8	pf. 1943	f sm	sal. n	"	"	4	"		3	43 1/2	35
9	"	"	"	"	"	"	"		3	43	55
10	v	sm	sandy	"	"	3 1/2	"	1		12	20
11	"	"	"	"	"	4	"	1	1	26 1/2	20
12	v	sm	"	"	"	"	"	1	1	24	20
13	"	"	"	"	"	2	"	1	1	24	25
14	pf.	sm	saline	"	"	3 1/2	"		1	16 1/2	20
15	v.	"	"	"	"	"	"		1	25	25
16	pf. sm	f s	"	"	"	"	"		3	45 1/2	50





No.	Host	Trunk	Strain	Seed	Order	No.	X	No. Rt-W	No. b-rot	Total	yield
17	V	sm	sanity	"	1	4	"	1	1	24 1/2	20
18	"	"	"	"	"	"	"	"	1	15 1/2	20
19	pfm	rough	died	d. fore	"	"	"	"	3	45	60
20	"	jsm	salmon	M. Av.	"	"	"	"	4	67	60
21	V	sm	sanity	"	"	"	"	"	3	44 1/2	100 (25)
22	"	"	sanity	"	"	"	"	"	2	33	25
23	pfm	rough	died	d. fore	"	"	"	"	4	62 1/2	55
24	"	rough	d. red	"	"	"	"	"	4	66	50
25	"	sm	salmon	M. Av.	"	"	"	1	1	29	20
26	"	"	salmon	"	"	"	"	"	3	48	50
27	V	"	sanity	"	"	"	"	1	1	25 1/2	55
28	"	"	"	"	"	"	"	"	2	28 1/2	30
29	V	"	"	"	"	"	"	1	1	21	20
30	pfm	sm	salmon	"	"	"	"	"	2	38 1/2	30
31	"	sm	sanity	"	"	"	"	1	1	17 1/2	20
32	"	"	"	"	"	"	"	1	1	26 1/2	25

slender

H Benth.

(3) \* Look in later!

Time	Temp	Notes	Salinity
7	35	V-cut	w. with
10	55	"	dim.
11 1/2	70	pt. sp.	ign.
5 1/2	25	V-cut	wm
5	25	"	con-
10 1/2	60	V-cut	win
10 1/2	70	pt. sp.	win
13 1/2	70	"	wm
9	45	V-cut	w. thk.
10	45	V-cut	with.
7	30	V-cut	w. thk.
28	100	pt. sp.	x. im.
26	90	"	w. m.
10 1/2	65	V-cut	w. thk.
27 1/2	95	pt. sp.	em.
10 1/2	6	V-cut	yellowish

No.	How	Track	Strain	Ecol.	Color	Hb.	X	No H-L	No L-R	Total	Yield
33	V.	"	st	"	"	"	"	1	1	16 1/2	57
34	"	"	"	"	"	"	"	1	1	28	30
35	pf.	"	"	"	"	"	"	2	2	30	25
36	V.	"	"	"	"	"	"	1	1	15	10
37	"	"	"	"	"	"	"	1	1	12 1/2	10
38	"	"	"	"	"	"	"	1	1	25 1/2	25
39	pf.	"	"	"	"	"	"	2	2	37	30
40	pf.	"	subly dry fa	"	"	"	"	2	2	30	25
41	V.	SM	"	"	"	"	"	1	1	24	75 (31)
42	"	"	"	"	"	"	"	1	1	28 1/2	55
43	pf.	rough	"	"	"	"	"	1	1	16 1/2	05
44	pf. m.	no kno	salin.	"	"	"	"	4	4	51 1/2	30
45	"	rough	salin.	"	"	"	"	3	3	57 1/2	60
46	V.	pr.	sandy	"	"	"	"	1	1	21 1/2	50
47	pf. m.	rough	salin.	"	"	"	"	3	3	48	20
48	V.	pr.	subly	"	"	"	"	1	1	27	20

Item	Price	Cut	Label	No.
2.5	95	pt sp	w.m.	49
3 1/2	175		w.m.	50
2 1/2	90		"pk.	51
1 1/2	50	V-cut	m.w.	52
2 6/2	95	pt sp	w.m.	53
2 1/2	90		w.m.	54
9 1/2	35	V-cut	w.m.	55
20 1/2	80	pt sp	w.m.	56
22	80	"	"	57
21	85	{ V-cut	Yell. V.thk	58
21	85	{ pt sp	c1 thk	59
7 1/2	35	V-cut	w.thk	60
8 1/2	45	V-cut	w.thk	61
11	65	V-cut	w.m.	62
30 1/2	95	pt sp	w.thk	63
33	100		crim	64

No.	History	Trunk	Str.	Ecol.	Color	H	X	No R-L	No W-R	Total	Yield
49	p/m.	n.k.	Salv	dry	1	"	"		4	60	25
50	p.	from	Salv	"	"	"	"	1	4	74	150
51	"	sm	Salv	"	"	"	"		3	48	60
52	✓	sm	br. sm	"	"	"	"	1	1	28	25
53	p/m.	mult.	Salv	"	"	"	"		4	67	60
54	"	"	"	"	"	"	"		3	53	50
55	p.	sm	Salv	"	"	"	"	1	1	20	20
56	p/p	"	Salv	"	"	"	"		3	48	55
57	"	"	"	"	"	"	"		3	52	70
58	"	"	Salv	"	"	"	"	2	1	40	60
59	p.m.	sm	Salv	"	"	"	"		3	51	50
60	v.	"	"	"	"	"	"	1	1	12	10
61	✓	"	"	"	"	"	"	1	1	24	75
62	"	"	"	"	"	"	"	1	1	26 1/2	25
63	p/m.	n.k.	Salv	"	"	"	"		4	74	80
64	p.m.	n.k.	Salv	"	"	"	"	4		55	75

board cut  
Bench broken stump

broken stump

Dec	W	Cut	Take
5	80		c.m.
17 1/2	75		wm
13	65		c.m.
22	90		c.m.
30	100		c.m.
19 1/2	70		wm
8 1/2	25	V-cut	wm
17	70		wm
20 1/2	80		wm
18	70	1-vas 1 pi sh	wm
10	30	V-cut	wm
10	30	V-cut	v. thin th
10	25	V-cut	w thin
20	75	p. sh.	wm
2A	85		c.m.
10	35	V-cut	wm.

No	History	Trunk	Stran	Pod. Area	W. x	No R-U	No W-K	Total	do
5	p.f.	Sm	slm	slm	4	30	3	49	25
6	"	Sm	slm	slm	"	"	2	41	50
67	v.	"	"	"	"	"	2	32	55
68	p.f.	f.sm	slm	"	"	"	3	45	25
69	"	"	"	"	"	"	4	66	90
70	"	"	"	"	"	"	3	38	10
71	v.	sm	slm	"	"	"	1	17	25
72	v	sm	slm	"	"	"	2	40	10
73	p.f.	f.sm	slm	"	"	"	3	49 1/2	30
74	p.f.	sm	"	"	"	"	2	41	35
75	v.	sm	slm	"	"	"	1	19	20
76	"	"	"	"	"	"	1	24	20
77	p.f.	sm	slm	"	"	"	1	25	30
78	v.	sm	slm	"	"	"	2	45 1/2	25
79	p.f.	sm	slm	"	"	"	3	48	30
80	v.	sm	slm	"	"	"	1	25 1/2	25



Time	Hr	Cal	Labels
22	90	pl sp.	w m
17	60		"
7 1/2	30	v-ant	"
8 1/2	25	"	"
15 1/2	55	pl sp.	c. shk
9	30	vent	w m
10 1/2	30	"	"
10 1/2	45	"	"
10 1/2	35	"	c. m.
5 1/2	25	"	w. m.
13	55	"	"
13 1/2	70	"	"
15	65	"	"
13	35	"	"
17	60	"	c. shk
10 1/2	40	"	w shk

Benth.

No	Hrs	Truck	Strain	Feed	Pen	W	F	No W-R	No B-R	Total	Price
81	pp	roper	talms	dfu	1	1			3	36	30
82	"	"	salms	M. sus	"	"			2	36 1/2	55
83	vs	pu	cm	"	"			1	1	18	20
84	"	"	"	"	"			1	1	18 1/2	25
85	"	"	"	"	"			1	1	33	30
86	"	"	"	"	"			1	1	21 1/2	20
87	"	"	"	d. fou	"	"		1	1	25 1/2	25
88	"	"	"	"	"			1	1	26	55
89	p.m.	pushed	sd. by	M. sw	"	"		1	1	15 1/2	05
90	V.	pu	"	"	"	"		1	1	13	05
91	p.m.	pushed	boards	"	"	"		1	1	21 1/2	20
92	p.l.	cm	sd.	V	"	"		1	1	31	20
93	"	"	"	"	"	"		1	1	25	20
94	"	"	"	"	"	"		1	1	30	25
95	p.m.	pushed	d. set	"	"	"		1	1	19	05
96	V.	pu	sd.	"	"	"		1	1	26	25

The prevailing low cuts out this  
 extra would give you a greater  
 yield per inch of cut. Bar -

Curving to close next in each  
 case the bar becomes into given more  
 than below.

sandy =	43	Benth.
sandy =	35	
d. red =	11	60.
brick =	14	
		Brazil.

Drain  
 27  
 11  
 11  
 24 1/2  
 26  
 17  
 8

1631.5

90  
 50  
 40  
 85  
 95  
 70  
 30

Type cut  
 pt. sp.  
 pt. sp.  
 pt. sp.  
 " "  
 " "

La Lee  
 W.M.  
 V  
 Cm  
 W.M.  
 W.M.  
 W.M.  
 W.M.

V.  
 97  
 98  
 9  
 100  
 101  
 10  
 10  
 10

V.	Hier	Trunk	Stem	Eccl.	No. L	No. R	Total	Yield
97	pm	1928 100 rough	d. cut		1	3	28	30
98	"	100 smooth	d. cut		4	1	29	20
99	"	"	d. cut	"	3	1	33	25
100	pm	" rough	d. cut	"	4	3	40	30
101	"	" rough	d. cut	"	3	3	49	25
102	"	"	"	"	1	2	27	20
103	"	" rough	selm.	"	1	1	20 1/2	20
104								
							3552	3565 cc

Av. yield/tree: 34.7 cc.

Av. diam: 15.8

Av. circ: 49.6  $c = \pi d$

Av. length cut: 34.5 c.c.

Percent cut circ: 69.5

Av. coeff: 1.0

Highest coeff: 3.1

Highest mid yield: 150 c.c.

A very good yield  
for first day of cut.



No	Week	Trunk	Strain	Ear	Kn.	Ht. &	No Rt-G	No L-Rt	Total	Yield
1	V	sm	sandy	19		3.25	1		12 1/2	10
2	p.f. 1943	f.sm					2		36	25
3	"	"	saltn			2 1/2	1	2	30	85
4	1943	"				2 1/2	2		31	10
5	" 1943	"	sandy			2	2		36	35
6	V	sm	"			3 1/2		1	6	20
7	p.f. 1943	rough kn. fl.	d. red			1 1/2	6		89	240 *
8	"	"	"			2 1/2	4		63	140
9	"	"	"			2 1/2	4		53	135
10	p.	f.sm	saltn	wet frs		2	4		50	230 1/2 *
11	V	sm	sandy	"		3 1/2	2		28	160 1/2 *
12	p.f. 1943	v. m. fl.	saltn			3 1/2		1	16	10
13	"	v. n. kn. fl.	saltn	dry f.		2 1/2	5		62	75
14	"	v. n. kn.	saltn			3 1/2		5	57	25
15	V.	sm.	sandy	wet f.		2 1/2	1		19	20
16	"	f.sm.	saltn	"			2		41.5	80

4.1.  
 1510.  
 304  
 50  
 ---  
 48/250  
 240  
 10.

stamp Benth  
 "

Benth.

Benth  
 Brasil

V. w. arriba 1 lyp - it 1 at lyp = 2 h.

Coll 5

Draw	#1	Type cont	Tafers
13	50		"
8	20		"
4 1/2	20		"
9 1/2	95		withk.
16	70		wm.
7 1/2	35		w. thin.
10	45		w thin.
20 1/2	80		lv. br.
22	70		withk.
5 1/2	30		wm.
13 1/2	45		wm.
19 1/2	70		withk.
29	90		wm
6 1/2	40		wm.
17	55		wm
23	80		w. thin.

2 carb Rh. at mt 990 ft  
 Coll 5 4.1

V - cont

No.	Notes	Trunk	Soil	Col.	Ht.	Y	Rt	No - L	No - R	Total	yield
17	"	rough	d. red	lyfe	3	"	"	2		29	35
18	V.	sm.	sandy	"	3	"	"	1		15 1/2	10
19	"	"	"	"	"	"	"	1		7	05
20	p/m 1943: 21	rough	salm.	"	2 1/2	"	"	7		102	180
1	"	rough	"	"	2 1/2	"	"	1	2	40	60
2	V	sandy	smooth	"	"	"	"		1	12	10
3	V	sm	sandy	wet	3 1/2	"	"	2		19	25
4	p/m 1943	rough	d. red	M. sm	3	"	"	3		48	25
5	" 1943	"	d. red	"	2	"	"	3		56 1/2	30
6	V	sm.	sandy	"	3	"	"	1		8 1/2	10
7	p.m.	f. sm.	sandy	"	3 1/2	"	"	2		30	204
8	p/m 1943	f. sm.	d. red	"	3, 10	"	"	4	1	76	310
9	"	rough	d. red	"	2	"	"	5		72	120
10	p.m. 1943	rough	sandy	"	3 1/2	"	"	1	1	15	15
11	p.m. 1943	kn. sm	salm.	"	3 1/2	"	"	2	1	38	50
12	p.m.	sm.	d. red	"	5	3 1/2	"	5	4	48	250

\* 100ft  
total  
cut





No	Heck	Tank	Strain	Ecol.	Old	Wt	No Rt-L	No L-R	Total	Field
3	p. sm 1943	m. fl. kn	d. red	M. m.	19	2 1/2	4		62	75
4	p. f. 1943	roughish	dark	"	"	3		2	25 1/2	50
5	"	sm	sandy	"	"	3		1	14	25
6	p. sm 1943	"	"	"	"	1 1/2	1		15	10
7	V	"	"	"	"	3		1	12	05
8	V	"	"	"	"	3		1	17	20
9	1943:21	sm.	"	"	"	2 1/2	2		29	50
10	p. sm.	r. kn.	d. red	"	"	10	1	5	70	75 (50) + 25
11	p. f. 1943	roughish	selv	"	"	3			6 1/2	80
12	"	"	d. red	"	"	2 1/2	4		81 1/2	150
13	1943:34	sm.	sandy	"	"	"	5		31	75
14	"	"	"	"	"	2 1/2	2		24	25
15	V	sm.	"	"	"	2 1/2		1	13	25
16	"	"	"	"	"	2 1/2		2	36	25
17	p. sm.	m. kn.	sandy	"	"	1 1/2		2	48 1/2	25
18	sm. 1943	f. sm	"	"	"	"		2	28	10

127/390

Benth.

"

"

"

lat. cream up  
white down { 2 Vs at 9 ft 5 cts  
Pt sp. at 2 1/2 ft

~~Benth.?~~

Benth' sample

~~Aeromani~~  
~~pebble~~ →

basal.

Benth.

Draw

12 1/2

12

14 1/2

11 1/2

11

33

21 1/2

13

8 1/2

7 1/2

25

20

15

14

8

24

Hv.

60

60

~~70~~

50

50

95

75

65

45

20

85

75

65

65

30

85

Type cut

•••

•••

•••

•••

••• →

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•••

•••

•••

•••

•••

•••

•••

•••

•••

Label

when

" "

" "

" "

" "

c. thick.

w. m.

"

"

"

c. m.

w. thick.

w. m.

"

"

in thick.

No	History	Trunk	Alum.	Ecol.	Order	Ht. ft	No. L-1	No. L-2	Total	yield
1	V <sub>2</sub>	sm.	sandy	"	"	2 1/2	2		24	75
2	"	"	"	dry f.	"	"	1	1	30 1/2	50
3	"	"	"	dry f.	"	3		2	36	20
4	1943:34	"	"	"	"	"	2		28	25
5	V <sub>1</sub>	"	"	"	"	2 1/2	1		28	50
6		no kn.	d. red	"	"	2 1/2	6	2 up 177	550 177	390 up down 160 230
7	1943:34	sm.	sandy	"	"	2 1/2	3		55 1/2	120
8	"	"	"	"	"	"	2		30	50
9	V	"	"	"	"	3		1	20	25
10	"	"	"	"	"	"		1	15	10
11	p.m.	f. sw.	salmon	"	"	"	4		60 1/2	120
12	p.m. 1943:34	"	d. red	"	"	2 1/2	4		43	60
13	"	"	con. br.	"	"	3	2		31	60
14	"	"	"	"	"	3	2		36	20
15	" 1943:7	"	sandy	"	"	2 1/2	1		17	10
16	p.m. 1943:34	f. sw.	sandy	"	"	2	3		48	60

Imp. Benth.

"

Brasil  
Benth

"

"

"

climber on plants.

Draw

7 1/2

10

13

13

7 1/2

8 1/2

8

18

30

2 1/2

14

25 1/2

28

20 1/2

20 1/2

10

Hv.

25

35

65

40

25

35

35

70

90

80

65

90

80

70

75

40

Type cut

...

...

...

...

V-cut

...

...

...

...

...

...

...

1 V at 8 ft 2 1/2 x  
5 ft 2 1/2

...

...

...

Latex

wm.

"

"

"

"

"

"

"

w. dark.

w. m.

wm.

wm.

w. m. ~~of dark.~~

yo. dark.

w. m.

withov.

Co	History	Trunk	Stem	Earl	Order	#	X	Ref	No - 1/2	No - 1/4	Total	yield
6	Vol	sm.	so <u>ty</u>	"	"	3	"			1	17 1/2	25
6	"	"	<u>ty</u>	"	"	"	"			1	24	10
7	pm. 1943: 12	"	sandy <u>ty</u>	"	"			2			33	20
8	pm. "	sorghum	<u>ty</u>	"	"	2		2			36	25
9	pm. "	kn.	<u>ty</u>	"	"	1/2		1		1	18	05
10	1943: 7	sm.	<u>ty</u>	"	"	2		1			20	05
11	"	"	<u>ty</u>	"	"	3		1			18 1/2	15
12	pm "	n. kn	salmon	"	"	2		1		1	18	20
13	" "	n. kn	dred	"	"	2		5			79 1/2	110
14	" "	f. sm	salmon			2		3			54	75
15	pm no 1943 21	f. sm	sandy <u>ty</u>			2 1/2		2			30	30
16	pf 3A	"	<del>sandy</del>			2 1/2		4			66	50
77	"	kn. sm	so <u>ty</u>			1 1/2		5		1	78 1/2	150
78	" (12)	"	dred			1 1/2		5		3	5 1/2	30
79	pm 34	f. sm	salmon			1 1/2		3			54	100
80	1943: 12	sm	sandy <u>ty</u>			2 1/2				1	17 1/2	25

78 28  
78 50  
150 70 up  
280 down

Photopyge barbicoma

Benth.  
Benth

Stump.

Sucker's finch Benth  
||

Dec	WV	Type cont	Lately
15	65		wm.
27 1/2	70	2v - upper 5 below	10p. w.h. 2p.
23	40		w. white
17	65		w h
6 1/2	30		w h m
8	35		"
22	75		w h m
8 1/2	30		w m
27	80		w m.
27	90		w m.
20	75		c.m.
18	60		w m.
11 1/2	50		w h m
33 1/2	90		w h
10	45		w h m
11	45		w m.

No.	Notes	Trunk	dt. a.	Red	Order	Ht	x	No st-6	No w-6	Total	yield
1	pm, 1943, 160	sm.	salmon	"	"	3	"	2		33	75
2	pm, 39	kn. kn.	d. red	"	"	1 1/2		{ 2	{ 5	103 (43 up, 60 down)	90 up, 60 down
3	"	f. sm.	d. red			2			3	54	75
4	39, -	sm.	sandy			2		3		39	25
5	V	sm	sandy			3			1	8	05
6	"	"	"			3			1	12	05
7	pm, 39	f. sm	salmon			2		3	4	55 1/2	60
8	pm, 39	sm.	sandy						1	16	05
9	pm, 39	kn.	salmon			1		4		68	100
10	"	f. sm	"			1 1/2		4		51 1/2	50
11	"	"	"			2		3		50	75
12	"	kn. v.	d. red			2		3		48	55
13	"	sm.	sandy			2 1/2		2		27 1/2	25
14	"	kn. fl.	d. red			1 1/2		0	5	42 1/2	75
15	V	sm.	sandy		M bay	1 1/3		3		44	50
16	"	"	sandy		"	3			1	26	20



yield by bank measures  
62-75 c.

6335 by count

	Draw	Ht.	Type cut	Label
	26	85		wm.
	23	75		wm.
Benth.	9 1/2	45		wm.
Benth.	8	40		bm.
Av. coeff. 1.5	9 1/2	40	---	wm.
	12 1/2	50	---	wm.
Av. yield: 58.1	18	70		wm.
Av. diam.: 16.5 in.	17	75	---	wm.
Av. length cut: 39.1 in	22	70		wm.
? Av. % circ cut: 75.5%	33	85		wm.
Av. circ: 51.8 ?	8	40		wthm
Highest yielder: 390	20	75		wm.
Highest yielder / in: 5.7 g		40	---	wm.
	180	3.5		
✓ Two stage			240 with 1 cut level	

Plot	Trunk	Stem	Coat	W. x	No. 4-6	No. 6-12	Total	yield
1 pf. 7	f. sm	salmon	"	3 1/2		4	63 1/2	60
2 pf. "	"	"	"	3		4	60	30
V	sm	sandy	"	2	1		19	10
"	"	"	d. fr	3		1	13 1/2	05
1 pf. 21	rough	"	"	1		1	19	05
2 1943, 21	sm.	sandy	M bog	2 1/2	2		20	60
3 pf. 21	f. sm	salmon	"	3	3		44	50
4 pf. 21	f. sm	salmon	"	3	3		41	50
5 pf. "	kn. fl	salmon	"	2 1/2	3		55 1/2	20
6 "	kn. fl	salmon	"	1 1/2	5		80	75
7 V	sm	sandy	"	3	1		14	05
8 pf. 34	f. sm	salmon	"	2 1/2	3		51	40
9 V.	sm	sandy	"	3		1	16 1/2	05
sandy								
salmon								
brick								
d. sed								
				1012	1395		4264	6335 cc
				1444.5	2005			
				293.5	240			
				1414	2626			

Extra sets of Gabriel Canopy

22 84  
2000  
2000

98 / 1830  
144  
300  
4%

36 / 130  
108  
27.2

Coeff. 4.4

permanbi

Coeff. 3.9  
permanbi

Oct. 16 1944

Below house  
at the ...

Oct. 13 by

late measure  
5100 cc

18 1/2  
9 1/2  
19  
21 1/2  
19  
22  
25  
27  
27  
23  
14  
12 1/2  
9 1/2  
12 1/2  
17

65  
75  
35  
75  
65  
65  
80  
90  
90  
90  
80  
50  
55  
35  
50  
60

Type cut  
pt spin.

V - cut

pt spin.

—

—

—

●

—

—

V - cut

pt spin.

—

Latent

wm.

wm.

wm.

wm.

wm.

wthk

wm.

w.v. thk.

wm.

wm.

w.v. thk.

wm.

wthk.

"

wm.

-wm.

No	Time	Trunk	Struc.	Area	Kv	4	No Rt-L	No L-Rt	Total	yield
1	4:30	rough	d. red	25	2	45	2	1	44	75
2	"	f. sm.	"	"	"	"	3		42	50
3	"	high	sandy	"	1/2	"	1	1	26	55
4	"	f. sm.	d. red	15	1 1/2	"	3		45	30
5	" 15	fine	d. red	15	2	"	3	1	50	220 +
6	" 31	f. sm.	d. red	15	2 1/2	"	3	1	39 1/2	100
7	"	f. sm.	d. red	15	3	"	2	2	43	30
8	"	"	d. red	15	3	"	2	1	50	75
9	"	rough	d. red	"	"	"	3	1	62	60
10	"	rough	d. red	"	2 1/2	"	4		48	185 +
11	pm. 1943	fine	d. red	"	3	"	2	1	42	55
12	"	sm.	salmon	"	3	"	1	1	30 1/2	60
13	pm.	sm.	sandy	"	"	"	1	1	28 1/2	50
14	v.	"	"	"	3	"	1	1	18	20
15	pm.	sm.	sandy	"	3	"	1	1	31	20
16	pm.	f. sm.	salmon	"	3	"	1	1	36	130

$$\begin{array}{r} 27 \overline{) 100} \\ \underline{54} \\ 46 \\ \underline{92} \\ 8 \\ \underline{18} \\ 9 \end{array}$$

Brazil!  
~~last 6 m.~~  
 Benth.

sand  
 bank Benth.

Coeff. 3.7

$$\begin{array}{r} 200 \\ \underline{100} \\ 100 \\ \underline{50} \\ 50 \\ \underline{50} \\ 0 \end{array}$$

Benth.

Wear	#	Type cut	Latex
11	50	V-cut	wm.
17	70	pt. sp.	wm.
8	25	V-cut	wm.
16	75	pt. sp.	wm.
8	40	V-cut	with
7	35	"	with
15	70	pt. sp.	wm.
25 1/2	90		wm.
10 1/2	50		with
17 1/2	75	2 V-cuts	wm.
8	35	IV-cut	wm.
6	35	"	wm.
8	35	"	with
2 1/2	75	pt. sp.	wm.
9 1/2	30	V-cut	wm.
10	60	pt. sp.	wm.

	Trunk	Stram	Reol.	Ord	Ht.	✕	No Rt - L	No W - Pt	Total	yield
10) History	rough	<del>rough</del>	<del>Reol.</del>	<del>Ord</del>	3		1	1	26	25
pf.	r. kn.	direct			2		2	1	40	20
pf.	rough	sandy			2 1/2		1	1	21 1/2	20
v.	sm.	"			4		1	1	36	75
"	"	"			3		1	1	17	10
"	"	"			3		1	1	15	25
pf.	f. sm.	salmon			3		1	1	30	25
pf.	m. flus	"			3		2	2	60	90
v.	sm.	sandy			2 1/2		1	1	27	100+
pf.	rough kn.	salmon			"		2	2	44 1/2	45
v.	sm.	sandy			3		1	1	16	25
"	"	"			2 1/2		1	1	16	15
"	"	"			3 1/2		1	1	16 1/2	20
pf.	kn.	direct			2 1/2		3	1	53	90
v.	sm.	sandy			3		1	1	18	25
v.	"	"			2 1/2		2	1	17 1/2	50



No.	History	Trunk	Stream	Ecst.	Order	M	2	No	Ho	Total	yield
								Rt-L	L-Rt		
73	pb.	sm.	<del>salmon</del>			3			3	40 1/2	75
74	fbm.	Kn.	<del>d. red</del>			2 1/2	1		2	42	120
	pm.	sm.	<del>sandy</del>	dry		3			2	30	100 +
	v.	"	<del>"</del>			3			2	29 1/2	60
	pmf.	Kn.	<del>d. red</del>			3	2		1	52	120
	pb.	fbm.	<del>salmon</del>			3	1		3	68	150
	v.	sm.	<del>sandy</del>	Har		3	1		1	15	50
	pb.	sm.	<del>sandy</del>	"		3 1/2	2		1	50	175 +
	pm.	"	<del>"</del>	"		3	1		1	32	50
	pm.	"	<del>"</del>	"		3			3	57	200 +
	p. in	"	<del>salmon</del>			3	1		2	54	75
	v.	"	<del>sandy</del>			3	1		1	27 1/2	55
	"	"	<del>"</del>			3	1		1	16 1/2	10
	"	"	<del>"</del>			3	1		1	19	20
	"	"	<del>"</del>			3	1		1	25	20 +
8	pm.	"	<del>sandy</del>			3	2		2	63	220 +



Bawit

	<u>mi</u>	<u>c.c.</u>
scaly -	1399	1950
salmon -	594	895
d. red -	822	1535
black -	518	1165

25 1/2  
 10 1/2  
 19  
 21  
 16  
 11 1/2  
 13  
 16  
 19  
 7  
 9 1/2  
 18  
 16  
 14  
 12  
 12 1/2

H1  
 85  
 10  
~~95~~ 80  
 75  
 55  
 35  
 40  
 65  
 70  
 30  
 35  
 65  
 65  
 60  
 60  
 55

Type cut  
pr sp.

..

V-cut

V-cut

pr sp.

{ 1 V-cut  
1 pr sp

V-cut

V-cut

{ 1 V-cut

1 pr sp.

pr sp.

..

..

Lakes

wm,  
with

wm  
wm

w flake

wm

wm

wm

wm

"

wm

"

cm

wm

"

w thin

	Trunk	Strain	Seed -	Ad	#	X	Fl L-6	No L-PI	Total	yield
Heatsy	"	"	Msw.	"			2	2	56 1/2	175
"	"	"	"	"	3			1	19	25
pm	"	"	"	"	3		2	1	49	70
pm	fsm	"	"	"	3		3		55	100
"	"	"	"	"	3		2	1	41 1/2	100
"	sm	"	"	"	3		1	1	19	20
pm	kn. a	salmon	"	"	3		1	1	28	25
pf	form.	"	"	"	3			3	45	20
"	"	"	"	"	"		2	1	32	50
"	sm	straw	"	"	"		1	1	16	15
pf	fsm	"	"	"	"		1	1	20	15
pf	fsm	salmon	"	"	"		2	1	55	45
"	"	"	"	"	"		1	1	28 1/2	50
pf sm	kn rough	d. red	big for	"	3			2	30	25
"	"	"	"	"	"			2	29	25
"	sm	straw	M. str	"	"			2	29 1/2	75



No.	History	Tank	Straw	Col.	Ch.	Ht.	♀	No. Pl-L	No. W-R	Total	yield
1	o pm.	Rn.	d. red	Msw.		3		2	2	37 1/2	25
2	p fm	rough	sandy	"		3		2		28	45
3	V	Sm.	sandy	"		3		1	1	28	40
4	pm	"	"	"		"			2	56	25
5	V.	Sm.	"	"		"		1	1	27	75
6	V.	Sm.	d. red	"		"		1	2	43	80
7	V.	Sm.	sandy	"		"		1	1	17	25
8	"	"	sandy	"		"		2	1	43	25
9	V	-Sm	sandy	"		"		1	1	30 1/2	20
10	"	"	"	"		"		2	1	37	175†
11	V.	Sm.	"	"		"		2	1	48	25
12	"	"	"	"		"		1	1	12	10
13	"	"	"	"		"		1	1	28	75
14	p m.	Sm	sandy	"		"		3	1	39 1/2	25
15	p m.	f Sm	"	"		"		2	1	33	45
16	V.	Sm	sandy	"		"		1	1	30	50

Yield by drupe measure.

400  
 11  
 ---  
 400  
 400  
 ---  
 4400  
 350  
 ---  
 4750 cc

Average yield / tree : 52.6

Average coeff : 1.5

Highest yielder and : 220cc

Highest yielder per : 4.7

Average diam 14.8 cm

Average circ. 46.5 cm (?)

Average length cut : 34.4 cm.

→ Average % circ cut : 42.8% (?)

A very low

What is ~~the~~ circ. formula?

Drum	Hr.	Type cut	Latex
9 1/2	35	V-cut	adm
10	40	pr sp.	"
11 1/2	45	V-cut	"
15 1/2	"	"	"
15	50	pr sp.	"
12 1/2	45	"	15-
15	55	"	"
21	80	"	"
12 1/2	75	"	"
9 1/2	45	V-cut	"
15	75	pr sp.	"

History	Trunk	Straw	Feed	Oct.	H.	X	No R-6	No L-11	Total	yield
	Sm.	<del>dry</del>			"		1	1	15	20
	"	<del>dry</del>			"		2	0	24	30
	"	santy br.			"		1	1	25	05
	"	<del>dry</del>			2 1/2		1	1	41	25
	"	<del>dry</del>			"		2		32	30
	"	<del>dry</del>			3 1/2			2	30	75
1993	rough	d rel			2 1/2		2	30 1/2	<del>30</del>	50
31	f sm.	santy br.			"		9	1	51 1/2	125
4	Sm.	<del>dry</del>			3		1	1	30	30
11	"	<del>dry</del>			3		1	1	25	25
1993	rough	<del>dry</del>			2 1/2		2	1	31	25
2										
3	santy				45				3135	<del>27</del>
4	salmon				14					4785
5	brick				13					
6	d rel				19					

Oct 13 5100 cc

1) Bent's latex has the slotted line, here + in  
chubby white of slotted line, here + in  
La Pterera. H. breaks a white, but stick  
has ten up to cream. white, if left  
standing, turns cream on thickening, H.  
Bent's does not.

Draw

Hr

Type out

Latex





Del 8.1

Slightly swollen & bottle-shaped,  
much above holes very slender, 500 lbs  
with m. & f. in good shape few bad. The  
& histologic etc. in. treated without success.  
Take slow running, thick, somewhat  
very elastic. Back of base dark, very  
brown, somewhat scaly, within deep  
red with a few white light yellow  
lines. Above, dark lighter brown &  
patched with green, very scaly. Crown  
very small; In a wet, boggy basin which  
app. 1000 ft. above sea level. No plate  
horizontal, not red. The, very narrow  
lanceolate. (St. & ...)  
(Cup and ... & ... ) from ...  
... ..  
A glass ... . No bottle & very very little shot  
hole almost way to the ...  
... ..  
red. Have to await seeds to  
... ..

Oct. 18.

U. projecta var. thick, never before  
worked. Outer basal bark rather smooth,  
light yellow-ashy brown, with a rather glossy  
sheen. ~~It is~~ a sandy brown, and a  
conspicuous, Fresh rasp if at all  
a light sandy colour, suggestive of the bark  
of dead oak leaves. outer medulla thick, but  
not flaking, leaves little, in ~~white~~, ~~white~~  
white. ~~It is~~ If more like the same  
colour but flaking. Crown by seeds of  
small and weevil, but they stand in a  
small clearing so crown receives exposure  
sunlight. In its petiole *Manitoba* long  
leaflets reclinate, thin ~~polygamous~~, approach  
climb ~~with~~ ~~in~~ ~~the~~ ~~direction~~ ~~of~~ ~~the~~ ~~petiole~~, ~~as~~ ~~in~~ ~~the~~ ~~case~~ ~~of~~ ~~the~~ ~~glossy~~ ~~tree~~  
~~(with petioles)~~ ~~is~~ ~~not~~ ~~at~~ ~~all~~ ~~but~~ ~~a~~ ~~very~~ ~~slight~~ ~~trace~~ ~~indeed~~  
~~of~~ ~~white~~ ~~which~~ ~~may~~ ~~be~~ ~~insect~~ ~~injury~~, ~~with~~  
~~yellowish-green~~ ~~translucent~~ ~~stipules~~ ~~on~~  
~~leaflets.~~ Bark very easy to cut.  
H. Brasil. (The study form)  
Above base the bark becomes more gray but  
there is also an outer layer which is slightly  
if on sides, leaving a glossy, lighter ashing  
inner brown bark.

Marched. th. 7 as cannot climb now.

X Only slightly sandy in locality. Red  
mosses in the area with only slightly sandy  
to moderate. But the soil is very sandy greenish  
brown tending to a grayish, inside a red (with  
deep purple spots). Bark at one distance is  
a greenish gray in many places. Fresh moss  
shows a red, due to bark color. Bark with  
leaving out, the bark is thick, white, and soft  
flouring. Leaves are bluish, in the part of the  
flouring. One in the area, but in the part.

~~89 Cyl. trunk, virgin Bark in the light  
sandy brown, with in light in sandy  
brown. Bark shows the same. The  
thin; bill, white, the same. Leaves  
gray. Lane sloped; the same. Bark  
but but subconcolorous. Bark  
above the leaves.~~

~~10 Bark.~~  
In Mantle ~~the same~~

for up to 15 ft up. Burys. Bark heavily

dark brown, above grey to olive green with

inside dark red greenish a the right of it

eyes. Venter of the ... having much ...

elastic permeable. ... have to be ...

which has ... bright colour.

Estados examinados

- 2 Nicotola Argentina  
1 David Guaymas  
2 Pablo Barré Barré  
1 Mercedes Barré  
1 Juan Mojica  
1 Pedro Rodríguez  
1 Norberto Jorjey  
2 Juan Motta  
1 Manuel Tarzaga  
2 Francisco Ferrer  
1 Enrique Alvarado  
1 Miguel González  
1 Miguel Novillo  
2 Mateo Fernández  
1 Alberto Torres  
1 Francisco Fernández  
1 Rodolfo Barré  
1 Pedro Lind

Ecological Order	NA	S	No R-W	No W-R	Total	Yield
------------------	----	---	-----------	-----------	-------	-------

<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>91103</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>91103</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>
<del>10000</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>2</del>	<del>10000</del>

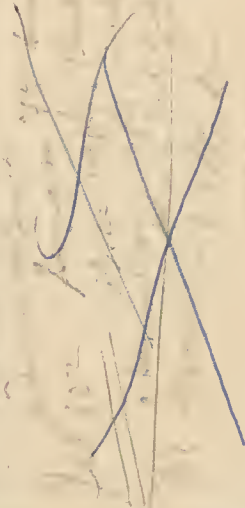
$$\begin{array}{r} 21 \\ \hline 22 \\ \hline 21 \end{array}$$

Collected on \_\_\_\_\_

- 2 Nicotiana glauca
- 1 Budd. ...
- 2 ...
- 1 ...
- 1 ...
- 1 ...
- 2 ...
- 1 ...
- 2 ...
- 1 ...
- 1 ...
- 2 ...
- 1 ...
- 1 ...
- 1 ...

Cut

Latex







1 thousand 41) 25.0  
 3 sheets 24.6

15.  
 .15  
 ---  
 50

10.00  
 1.50  
 ---  
 11.50

70  
 ---  
 15.00

~~42.000  
 1.02  
 ---  
 43.020~~

42.000  
 7.28  
 ---  
 49.280

41.32

48.50  
 1.00  
 ---  
 49.50

9700  
 18500  
 ---  
 49.4700

48.50  
 .15  
 ---  
 48.65

48.65  
 ---  
 72.7500



