Yield done

402

3,000
.08
240.00

900
105
4500
6300
300
15750

1050
1575
2625

75 | 400
375
25

Mr. Victor L. Gabriel Consulting Engr. Oct 17, 1949
Apartment [illegible]

Del. 82 Coeff 5.5

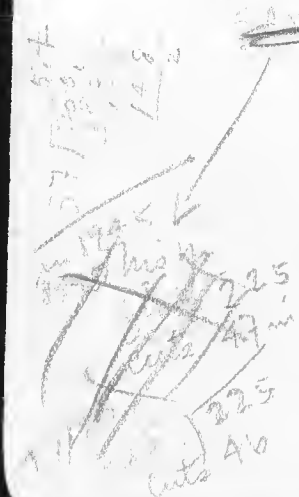
Beach

Coeff. 3.1

Del. 82 Coeff. 4

Diam	HV	Type cut	Location
16	60	pr. sp.	W.m.
11½	50	V-cut	"
25	90	pr. sp.	W. thk.
17	70		W. thk.
11	45		W. m.
12	50		W. thk.
33	100		W. thk.
9½	55		W. m.
16½	75		W. m.
19½	80		W. m.
25½	85		W. m.
9½	55	V-cut	W. m.
24	90	pr. sp.	W. thk.
22½	80		W. thk.
16½	75		W. thk.
15	65		W. m.

No	Hatch	Trunk	Stem	Col.	Ord	Wk	A	Rl - W	L - Rl	Total	Yield	
1	V.	sm.	pointy Fr. d. f.		16	3	45°	2	1	33	180	+
2	V	" "	"					1	1	31	20	
3	p.f.m.	f. sm.	d. red.	"				1	3	55½	75	
4	"	"	"					2	1	44	125	
5	V.	sm.	"					1	1	29	50	
6	"	"	"					1	1	29½	75	
7	p.m.f.	v. km. ff	d. red					2	3	68	175	
8	V.	sm.	[illegible]					1	1	24	75	
9		"	[illegible]					1	1	28	45	
10	p.f.	"	"					3		43½	50	
11	p.f.	v. km.	"					2	2	55	170	
12	V.	sm.	pointy					1	1	24	40	
13	p.f. + m.	rough	[illegible]					1	3	52	210	+
14	p.f.	f. sm.	d. red.					1	2	50½	155	
15	p.f.	f. sm.	d. red.					1	2	38	80	
16		f.	wavy					1	1	36½	125	



Diam	Ht	Type curve	Letter
19	70		wm.
19	75		wm
18½	70		c. [illegible]
11½	55		[illegible]
14	60		wm.
8	30	V-cut	wm.
10	55	pt. sp.	wm
9½	55		wm
7½	20	V-cut	w. thn.
12½	60	pt. sp.	wm.
14	55		w thn.
16	55		w thn
13½	65		w. thn.
22½	80		wm.
20½	75		wm.
22½	80		wm.

No
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

No	History	Trunk	Stream	Ecol.	order	HV	Z	No Rt-L	No L-Rt	Total	yield
17	pf.	f. sm	salmon	d. for.	16	3	45°	2	1	44½	75
18	"	"	d net						2	37	200
19	"	"	" —					2	2	55	180
20	V.	sm	penny			3½	150		2	29½	100
21	V	sm	salmon			3	15°		2	32½	45
22	pm	rough	salmon			3	25°	1	1	16	10
23	V.	pm	"		1	3½	"		2	25	70
24	"	"	"		1	4	"		2	20½	50
25	"	"	"		1	3	"	1	1	16	25
26	"	"	"		1	3	"		2	19	25
27	"	"	salmon		1	3	"	2	2	33	70
28	"	"	"		1	3½	"		3	38	75
29	"	"	"		1	4	"		2	30½	70
30	pf.	f. sm	salmon		1	4	"		2	28	20
31	pf.	f. sm	d. net		1	4	15°		3	42	50
32	pf.	f. "	" "		1	4	15°		4	50½	70

mm	Hr.	Type cut	Letter
14	70		w. thn.
17	75		w. thn.
18	60		cr. W. thk.
13 1/2	65		w. m.
[illegible]	[illegible]	[illegible]	w. m.
14 1/2	40		w. m.
8	35	V-cut	w. thn.
22	85	pt. sp.	wm.
9	50	V-cut	wm.
24	80	pt. sp.	wm.
14 1/2	80		w. thk.
19	80		wm.
26 1/2	80		wm.
24 1/2	75		wm.
26	85	2 V-cuts	thk.
19	75	pt sp.	[illegible]

brasil.
brasil.

no bow cuts now 14 bow

No.	History	Trunk	Stem	Ecol.	Arm	Ht.	X	No. RA-L	No. L-RA	Total	Yield
33	V.	Sm	sandy	dry f.	1	3½	150		3	32	50
34	"	"	"	"	1	3½	25°		3	38½	75
35	pf m.	knurled	dried		1	3	15°		3	36	25
36	V.	sm	sandy		1	3	15°		2	28	20
37	"	"	"		2	3½	15°		2	27	75
38	pm.	sm.	d. red		1	3	25°		2	32½	25
39	V.	Sm.	sandy		1	3	15°	1	1	15½	25
40	"	"	"		23	2½	45°		3	55	75
41	"	"	"		16	2½	"	1	1	25	10
42	pf.	fsm	sandy		16	"		1	3	62	125
43	"	"	"						3	51	80
44	V.	sm	sandy br.		"	"	"	1	2	49½	125
45	pf.	f"	"			3		1	3	61½	180
46		"	sandy			2½		2	1	63	150
47	pf.	"	d. red		14+2	10		2	2	48	60
48	pf.	"	sandy		16	2½		1	2	48	180

	Drum	Ht.	Type cuts	Letters
braid,	19	.70	pt sp.	wm.
	18½	.75		wm.
	13	.60	2 V-cuts	wm.
	26½	.85	2 V-cuts	wm.
braid	12½	.55	pt sp.	wm.
	12½	.55		wm.
stamps	14½	.30		wm.
	10½	.40		wm.
	23	.85		wm.
	22	.80		wm.
	14	.60		wm.
	9	.50	V-cut	" "
	9½	.40	" "	" "
	17	.60	pt sp.	c.m.
	17	.80		w. thk.
	24	.75		w.m.

No	History	Trunk	Fins	Col.	Can	Hv.	X	No. Rt-Lt.	No. Lt-Rt.	Total	Wt.
49	v.	sm.	[illegible]	br.	No	3	45°	2	1	54	175
50	"	"	"	"				2	1	50½	100
51	"	"	v.	sandy				2	2	48	10
52	pf.	fsm.	[illegible]			2½		2	2	62	225
53	v.	sm.	[illegible]			3		1	1	33	50
54	v	"	[illegible]			3		1	1	31	45
55	pf.	f. sm.	[illegible]			3		1	1	36½	75
56	pfm.	[illegible]	"	"		5		1	1	24	25
57	pmf.	"	d. red			2½		3	1	60½	110
58	" f.	"	"	"		3		2	1	52	75
59	v.	sm.	sandy			3		1	1	37	90
60	"	"	"			3		1	1	21⅓	50
61	"	"	v.			3		1	1	18½	25
62	pf.	fsm.	[illegible]			3		2	1	44	150
63	pf.	fsm.	d. red			3		2	1	51	70
64	pf. m.	rough	ish	"				2	1	57½	55

Depth	No.	Type of cut	Letter
10	40	V-cut	worn.
24	70	2 V-cuts	worn.
12	45	1 V-cut	worn.
24	85	Pr. slp.	y. thick
7½	35	1 V-cut	worn.
6½	"	"	"
4	"	"	"
1½	25	Pr slp	worn.
13	40	"	"
8	40	V-cut	"
21/2	80	Pr slp	"
13	45	V-cut	"
27½	90	Pr slp	"
12	50		"
14½	75		"
25	85		"

Numbers cut down [6]

Breadth stamp
Breadth

No	History	Trunk	Shown	Sex	Age	Wt.	♀	No Rib-Il	No L-Ca	Total	Yield.
65	p. m. 21 #3	Rem.	d. red	"	"	2	"	1	1	21	10
66	pfm. 21	Rem.	d. red		[8] 8 [illegible]	10		2	2	60½	90
67	p m	rough	country			2½		1	1	24	25
68	p m f.	f. Sm	salmon			3		3	1	62½	125
69	"	Sm	"			3		1	1	18	25
70	"	"	"			3		1	1	15½	25
71	"	"	"			3		1	1	18	20
72	p.	rough	"			3		2		24	25
73	p. 21	Sm	salmon			2½		1	1	30	50
74	"	Sm	"			2½		1	1	24	10
75	p m. 21	f. Sm	salmon			3		1	2	53½	75
76	p m 21	rough	"			3½		1	½	26	10
77	p. 21	f. Sm	d. red			2½		2	½	64	75
78	21	f. Sm	"			1½		1	1	29½	10
79	p m 21	f. Sm.	"			2½		2		43	25
80	p m. 21	rough	d. red			2½		4		60	55

	trial	yield
sandy —	1026.5	1505
columbia —	906	1650
d. red —	1456.5	2390
brick —	535.5	1165

Dia.	Ht.	Type curve	Defects
23	75		w. thk.
18	75		w. thk
24	85		w. rm.
32	90		w. thk
16	50		w. r. thk
8	35	V-curve	w. thk
12	45	V-curve	wm
22½	65	pt sp.	wm
8½	45	V-curve	wm
21	80	pr sp	w. thk
29½	90		w rm.
24	85		wm
16	75		wm
6½	35	V-curve	w thn
6½	30	" "	"
7	35	" "	"

No	History	Trunk	Stream	Col.	Area	Wt.	x	No. Pk-Lk.	No. L-Pk	Total	Yield
81	pm 18	n.V. Pk	d. red			2½		2	1	38	30
82	pf 21	f sm	d. sal			2½		2	1	32	40
83	pf 21	f sm	d. red			3		3	1	60	50
84	pm 21	Ken. fl.	" "			3		4	2	72½	100
85	pm 21	Ken.	" "			3		2	1	48	25
86	V.	Sm	sandy			2½		1	1	24	10
87	pm 21	Ken.	"			1		1	1	28	20
88	pf 21	f sm	Salmon			2½		2	1	52	75
89	pf.	f sm	sandy			3		1	1	21	25
90	pf.m. 21	n. ken.	salmon			3		2	2	56½	45
91	pf.m	ken. fl.	d. red			3		2	3	72	50
92	pf.	fsm	salmon			3		2	1	50	25
93	pf.	fsm	sandy			2½			2	36½	10
94	pf. v.	fsm	sandy			3		1	1	18	1
95	"	"	"			3		1	1	16	1
96	"	"	"			2½		1	1	20	10

Av. yield/tree : 66.4 c.c.
Av. length cut : 38.9 in
Av. diam : 16.5 in.
Av. circ : 51.8 in (?)
Av. % circ. cut : 75.1% (?)

High. ind. yielder : 225
Highest yield/in : 5.4

Av. coeff. 1.7

(canky = 35
 carbon = 19
 d. rot = 20
 brick = 18

35% Canker
65% Brec.

Brick	Ki	Type cut	Latex
8	45	V-cut	wr. wn.
20	75	pl. up	wr. wn.
2	75	pl. up	bl. tinge
13½	60	pl. up	wn.
19½	30		"
169.5			

← Oct 12, 6710 c.c.
← Oct. 18 by bute measurement 6,400 c.c.

NB. 20 trees cut for first time — tends to reduce av. yield, yet yield is very high / tree.

No	Kidney	Female	Strain	Col	Ens.	Wt.	A	No Rel	No L-Rel	Total	Total.
97	V.	from	Danby			3		1	1	24	05
98	Pd.	from	Selkirk			3		1	2	44	75
99	"	"	"			3		3		51½	50
100	Pd.	from	Danby			3		2		28	05
101	"	from	Selkirk			3		2	1	44	30
102										39245	6710
103											
104											
105											

A comparison of 20 newly cut + thus strokes.

NB. Respon + New cuts should decrease yield:

Av. yield for this: 43.8cc ← (Nearly all are Beath)

Av. cut: 29.5 in.

Av. bran: 13.9 in.

Highest yield / cut: 3.4

Av. cut: 1.5

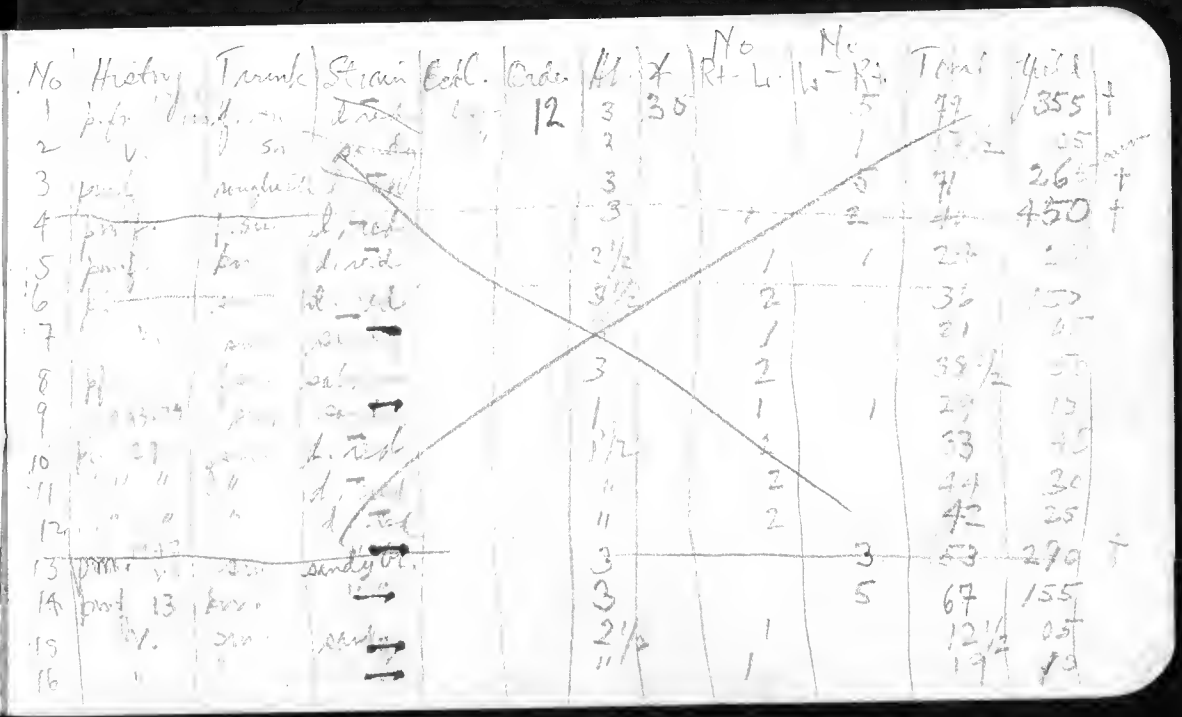
Average length of cut + bran + age true model:

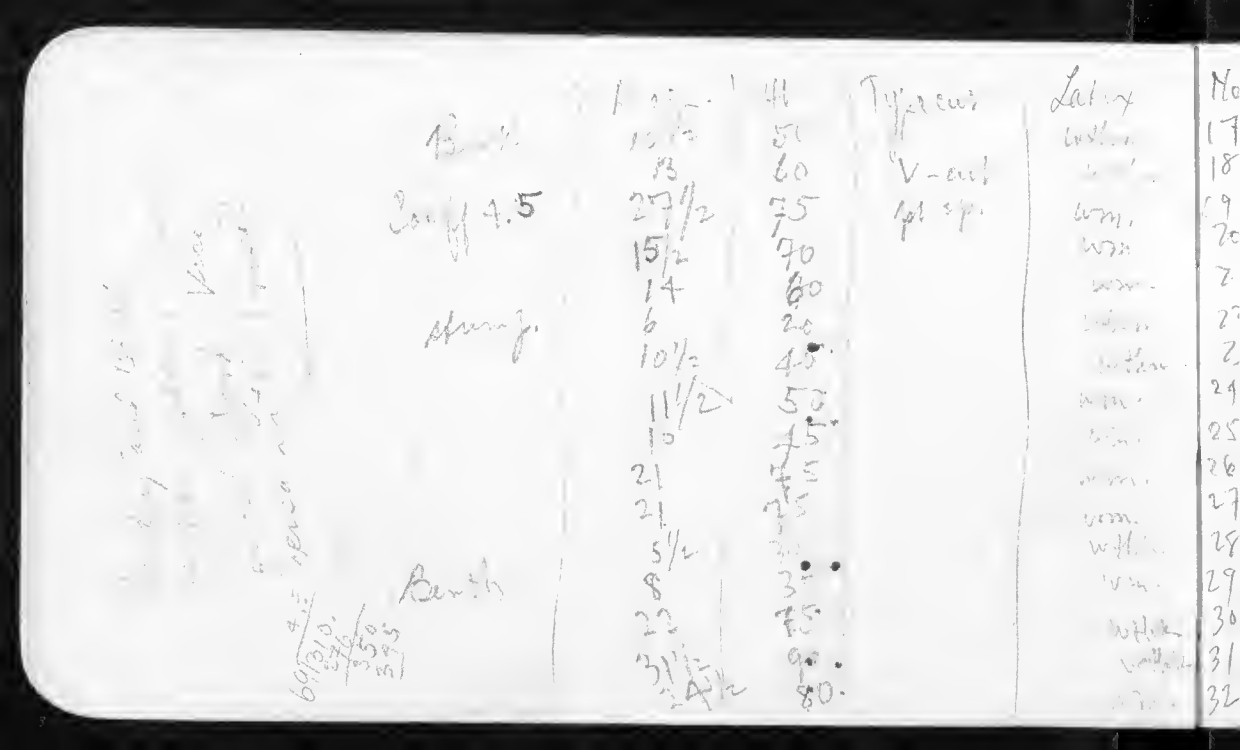
Cut + bran with final yield average is 34.7cc

+ cut 7 1.0

steep + cut yield = about 3 times coefficient of ×

	Diam.	HV	Type curl	Lakes
X Coeff 4.5 X	3	100		
	8			
Coeff 3.6	29			
Coeff 11.2 Sal 86		75		
	11	40		
Coeff 4.2 Sal 80	14½	45		
		45		
	15½	60		
		50	V-curl	
	14	35		
	10	60		
	15½	65		
Sal 81 Coeff 5.5	19½			
V	26	80		
	6	20		
	9½	45		





No	History	Trunk	Stream	Ecol.	Lab	Ht.	X	No Kt-L	No L-Kt+	Tl+l	Yield
17	V.I	sm.	sandy	dfor.		3			2	27	75
18	1943: 29	sm.	"	"		2		1	1	36½	20
19	pfm. " "	fom.	salmon			2½		4		69	310 †
20	pf. " 29	sm.	d.red			2½			2	36	50
21	V.	sm.	d.red			2½		1	1	32	110
22		"	"			3		1		12	05
23	1943: 29	"	"			2		1		27½	10
24	"	"	"			2		1	1	29	60
25	V.	Sm.	"			2½		2		2+	40
26	pfm 29	fom	salmon			"		1	3	45	130
27	pfm 29	sm.	d.red			"			3	52½	125
28	V	sm.	"			"			1	09	05
29	pf.	sm.	"			"		1		20	10
30	pfm 29	fom	d.red			3			3	54	50
31	pfm 29	sm.	d.red			3			5	85½	160
32	" "	sm.	"			2½			4	62	90

Su	Hl	T 1/p	Notes
16	40		
6½	30		
13	65		
9½	45		
11	55		
7	40		
9½	50		
7	35		
30½	95		
12	50		
6½	30		
6	30		
13	60		
15½	60		
16	65		
25	85		

No	History	Trunk	Stream	Ecol.	Color	Ht.	∠	No. Rt-Lat.	No. Lt-Lat.	Total	?/sec.
33	pm. 24	[illegible]	d. rel			2½	30°		3	51	110
34	"	sm	"			3		1		09	05
35	"	"	"			2½			2	28½	10
36	"	"	"			3½		1		24	15
37	"	"	"			3		2		30	30
38	"	"	"			3			1	15½	05
39	"	"	"			3			1	25½	30
40	"	"	"			3			1	16	10
41	" 27	[illegible]	d. rel.			5½		2	2	{33	{110 [200
						1½		1	1	{80 133	{90
42	"	[illegible]	[illegible]			2			1	30½	20
43	"	[illegible]	[illegible]			3		1		12	05
44	"	"	"			3		1	1	14	05
45	pm 29	sm	"			2½		2		33	50
46	"	"	"	wtr.		3		2		43½	30
47	pm. 29	[illegible]	d. rel.	dry		3			3	42½	70
48	pm 29	[illegible]	"			2½		1	3	57	30

	Diam	HV	Type cut	Later
Pearlitic	15	65	pl. sp.	worn
	8	45		worn
	7	40		worn
	21½	85		c. fail.
	19	60		worn
	24	75		worn
	19½	50		worn
Martensitic	26	75		worn
	25	55	2 V-cuts, pl. sp.	worn
	23½	70		worn
Granular	11½	45	pl. sp.	worn
	24	75		worn
	27	75		worn
	19½	70		worn
	16½	65		worn
	26	85		worn

No	Rating	Trunk	Stream	Color	Other	Ht.	Δ	No Rt	No Lt	Total	Yards
49	pf.	Sm	sandy br.	"		3		1	2	31	60
50	v.	sm	[illegible]	"		3			1	17	20
51	"	"	[illegible]			3			1	15½	10
52	pfm	n. Ku ff.	d. red			3			4	56	75
53	29	sm	sandy br.	wtf.		3		2	1	43½	110
54	29	Sm	salm. or	"		3		1	3	63½	140
55	pm 29	sm.	"	"		3½		2		32	55
56	pfm.	Ku. ff.	d. red	d. fm.		2½		1	4	54½	50
57	pm f.	Ku.	"	"	"	5½ / 2½			4	29½ / 60	25 / 75 / 100
58	pm f.	Ku.	"	red fm		3		2	2	53	55
59	pf.	Sm	sandy br.	" "		3			2	25	20
60		"	pf "	" "		3			4	65	30
61	pfm.	sm. ff.	d. red	wtf fm		3		1	3	64	80
62	v.	f. sm.	d. red	" "		3		1	2	42	60
63	pf.	f. sm.	d. red	" "		2½		1	1	41	65
64	pfm.	high	" "	" "		3		2	2	72½	70

	in	cubic cc
Stanley	964	1070
Lord	1805	3370
Pelham	485	1045
Buck	284.5	665

Remark

$$\begin{array}{r|l} 4.5 & \\ 79 & 355. \\ & 316 \\ \hline & 370 \\ & 395 \\ & 5 \end{array}$$

$$\begin{array}{r|l} 11.2 & \\ 40 & 450 \\ & 40 \\ \hline & 50 \\ & 40 \\ \hline & 100 \end{array}$$

Item	Wt	Type and pitch	Letter
16	75		w. blk.
16	70		wm.
19	75		wm.
11	50		w.
34½	95		w. thk
7	35		w thn
13	60		w. M.
28	80		w thk.
16	75		wm.
12	55		wm.
10	50		wm.
18	65		wm.
14	"		"
16	60		w thn.
12½	50		wm.
24	80		wm

No	Hatch	Trunk	Strain	Ecol.	Order	Ht	X	No Rt-L	No L-Rt	Tail	Yolk
65	pf sm.	fsm.	salmon	wt f.		3		1	2	37	50
66	" 29	"	"	dry f.		3		1	1	41½	30
67	" "	"	"	"		2½			3	45	110
68	V.	sm	sandy	wt fry		3		1	1	25	25
69	pf sm. 29	fsm.	dark	wt fry		2½			4	61	60
70	V	sm	sandy	"		3		1		15½	20
71	pf. 29	fsm.	salmon	dry f.		2		2		37	55
72	pf sm. 29	ker. fl.	dark	"		2½		4		56	90
73	pf. 29	fsm	salmon	wt f.		2½		3		32	80
74	V.	sm.	sandy	" "		3		1	1	30½	60
75	pf sm. 29	roughish	"	" "		1½		1	1	28	25
76	pm.	sm	"	"		3		2	1	38	50
77	V.	sm.	"	"		3		1	1	36½	65
78	V.	"	"	dry f.		3		2	1	30	75
79	29	"	"	"		2		2		33	25
80	pf sm 29	fsm	dark	"		2		4		49	100

		Type cut per sq.	Letter
18½	90		
10½	50		
11½	10		
25½	80		
31	90		
21	75		
13½	60		
11	40		
17½	75		
157 in			
av. 16.3 in		sandy =	40
		salmon =	11
		loam =	32
		brick =	6
		15% Death	
		55% brea.	

49

No	History	Trunk	Stem	Root	Color	Ht	Δ	No. Rt - Lt	No. Lt - Rt	To 6	Yield c.c.
81	p/m. 29	fair	l. red	l fair		2		3		43	25
82	V.	sm.	sandy	"		3		1		20	30
83	V.	sm.	sandy	"		2½		1	1	24½	25
84	p/m. 29	roughish	l. red	"		2½		4		62	110
85	p/m. 10	Knuckled	l. red	"		2½		4		67	75
86	p/m. 10	fair	l. red	"		2½			4	51	75
87	V.	sm.	sandy	"		3		1	1	31½	25
88	"	"	"	"		3		1	1	20	30
89		roughish	salmon	"		3		1	2	44½	65
90										2944.0 m	6,150 c.c.
91	Av. yield/tree : 69.1 c.c.										(by measurement 6,090)
92	Av. length cut/tree : 33.1 in.										
93	Av. diam. : 16.3 in.										
94	Av. circ. : 51.2 in. (?)										
95	Av. % clear cut : 64.6 % (?)										
96	Highest yielding tree : 450 c.c.										
	Lowest yield/tree : 11.2 cc										
	Av. Coefficient : 2.1										

Selection #80 – Trunk not swollen at base, [illegible] slightly [illegible] [illegible] [illegible] again [illegible] [illegible] on outer [illegible] [illegible] [illegible] without [illegible], above [illegible] [illegible] whitening out [illegible] [illegible]. Leaflets horizontal [illegible] very brilliant, dark above, [illegible] pale beneath, ovate, acuminate. A little [illegible] [illegible] [illegible] Dolhipillo. Collected Oct. 16. [illegible] cut, [illegible]. H. brasil ? Rasping shows dark red [illegible] [illegible] [illegible] [illegible]

Selection 81 Hardly swollen [illegible], not bottle shaped, lower bark rather scaly but not excess. [illegible], brown to ashy brown, above very flakey with [illegible] flakes, [illegible] Inside, bark for outer 1 mm light yellowish, then for 4-5 mm deep [illegible] colour. [illegible] Rasping shows a rusty [illegible] [illegible] to depth [illegible] [illegible] [illegible] [illegible] Bark [illegible] cut. Very very elastic. Leaflets [illegible] acum., [illegible] but glossy [illegible] slightly. [illegible] Oct 11. H. brasil. [illegible]

Selection [illegible] Slightly bottle shaped at base. B[illegible]

Selection #82 Slightly bottle-shaped at base. Bark outwardly dark rusty brown, not very scaly, slowly turning to a greyish brown, fawn to a grey in upper parts of trunk where it is smooth, not scaley. Wattles 1 mm. light yellowish-white, then several mm. of scarlet-salmon. Wattles slow flowing, showing some permanent wrinkles; elastic. Pappus shows a sandy colour where the scarlet no ventured, but where rasping is deeper, the scarlet becomes a dull dark brown on exposure to air. Wound healing of last year's cuts good, rapid, smooth. Mucilaginous marks but not turnips noted, merely a small nipple-like scar. Leaf. subcort, as in all, (broadly ovate, acuminate). Tree already shedding some leaflets. Bark not too easily cut. Wattle short hole x no Dothidella. Leaflets reclinate.

#80 Add: a very few leaves have on the upper surface numerous small rough lots superficially like Dothidella stromulation but they are not so rough + on closer looking to the touch + are rusty brown in colour + not black. A black scale on the young twigs might possibly be Doth. but no other evidence was found to show this was there.

83 Not swollen, perf. cylindrical, lower bark [illegible] with very small scales dark ashy brown, [illegible] nearly all way up tree, becomes greyish near top. Scraping shows brick red sand, within 1 mm yellowish & then brick red or [illegible] within. Latex fairly slow running, very elastic. Not worked before (trapping ?). Relatively of [illegible] consider [illegible] easy to cut. Leaflets [illegible], slightly more elongate towards the normal, & thinner, but [illegible] & [illegible]. On bank of river but higher as to flood [illegible] in very deep water. A few (very [illegible]) holes [illegible] apparently [illegible] [illegible]. Oct. 13.

84 Broadly swollen & bottle shaped [illegible] basally very dark ashy brown, [illegible] & flaky, above smoother dark brown [illegible] with small grey patches. Within [illegible] red (belonging to form dark red) for considerable depth with no superficial area [illegible]. [illegible], [illegible] bright red, dulls to a deep brick [illegible] rather slow running. Elasticity [illegible] not respond [illegible] [illegible]. Dry forest not far [illegible]. [illegible], overlapping, [illegible]. Leaflets rather more elongate than usual, [illegible]

or slightly acuminate / Few shot holes & on [illegible]

or slightly redness / Few shot holes + on mid surfaces in dented points in form of a 6, due app to insect act., on a few leaves only. Both L. breviclavata. fairly easy to divide.

Oct. 16

85

Same as previous in all respects. Probably a son of same strain. Past few cuts beautifully healed - 30 yrs. No swellings. Leaflets slightly curled. Oct. 16. redness.

Cotton Growers Journal
Nov. 6, 1944.

	10 1/2	45	pl. sp.	w m
	11 1/2	45		w. thk
	10 1/2	50		w. thn.
	17	60		w. thk.
	15	60		w m.
	17	70		w m.
	16 1/2	60		w. m.
Coeff. 8.2	27	80		wm.
	8	20	V - w/	wm.
	22	75	pl. specks	w. m.
	14 1/2	60		wm.
	20	75		wm
	11	45		w. thk.
	10	40		w. thk.
	10	40		wm.
	11 1/2	50		w. thk.

No.
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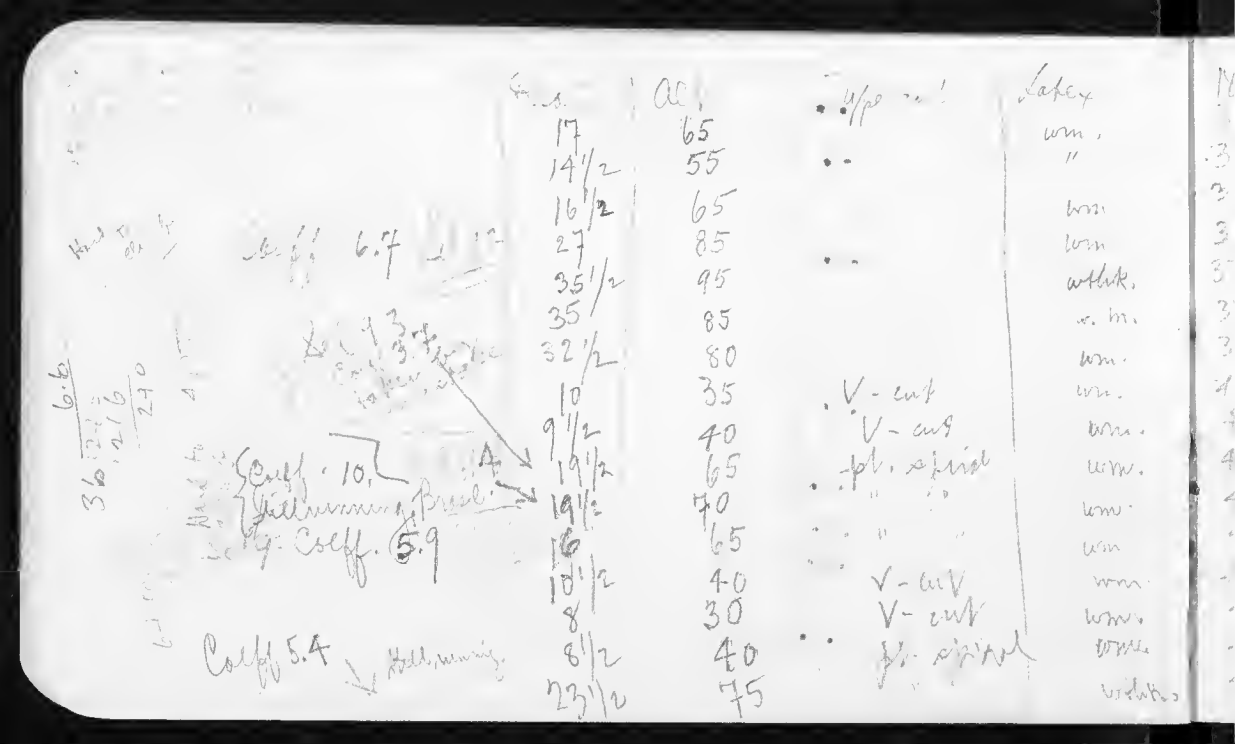
No	History	Trunk	Shore	~	Wt.	∠	No Rt-L	No L-R	Tot.	yield	Cause
1	1943:16	sm. stk	bush only	d. for.	1/4	45		1	14	20	29
2	"	"	"	"	"	"		1	13	20	"
3	"	"	"	"	2 ft.	"		1	15	50	"
4	p.m. 1943:16	Km.	d. red	"	1 ft.	"		2	27 1/2	100	"
5	"	" Sm.	"	"	1 1/2 ft.	"		2	29	75	"
6	pm. 1943:16	Km.	stbly	"	6 ft		1	1	43	70	20
7	1943:16	pm.	brick	"	11 1/2 ft.	"	2		36	115	29
8	1943:16	pm	brick	"	12 ft	"	1	3 2	45	335	29 †
					9 ft				40 up	360 up	19
9	1943:16	pm	pauly	"	1 1/2	"	1	1	20	20	29
10	1943:16	pm.	sandy brick	"	1 1/2	"	1	2	40 1/2	110	29
11	"	"	"	"	"	"		2	28	65	"
12	pm. 1943:16	Km.	d. red	"	1 ft.	"		2	30	60	"
13	pm. 16	Km.	salmon	"	"	"		1	15	45	"
14	" "	"	"		"	"		1	13 1/2	30	"
15	1943:16	stk.	sandy		1 1/2			1	14 1/2	20	"
16		rough	d. red		1 1/2		2		31	75	"

Coeff 3.6. Standard	14 2	55	pl. spiral	wm.	17
	10 1/2	40	pl. spiral	wm.	18
	13	40	V-cut	wm	19
	1 1/2	60	pl. spiral V-cut	wm	20
	11	50	V-cut	wm	21
	13	50	pl. spir.	w. thk.	22
	22	70	V-cut	w. thk.	23
	37	95	pl. spir.	w. thk.	24
	13 1/2	60		wm	25
	26	85		w. thk.	26
	15 1/2	50		wm.	27
	12 1/2	50		wm.	28
	18	120		w. thk.	29
	23 1/2	80		w. thk.	30
	16 1/2	75		wm.	31
Coeff 3.6	21	75		wm.	32

No.	History	Trunk	Stream	Ed.	Ht	∠	No R+L	No L-R	Total	Yield	Kelts
17	1943/16	am.	sandy br.	bay	1 ft	45°	1	1	28	100	29
18	"	"	"	"	1 ft			1	14½	20	"
19	pm. /16	pm.	d. red		1 ft.		1	1	30	05	"
20	pm.	crufoot	d. red		1 ft		2		43½	75	"
21	1943/16	am.	sandy		2 ft.			1	14	25	"
22	pm. 1943/16	kw. fl.	d. red		1 ft.		1		17½	50	29
23	" "	pm.	d. red.		½ ft.		1	1	39½	80	"
24	pm. "	pm. fl.	d. red		3 ft.		2	2	52	290	"
25	1943/16	am.	sandy		2 ft.			2	28	50	"
26	pm. 1943/16	pm. fl.	d. red		4 ft. (?)		2	1	42	90	"
27	1943/16	am	sandy br.		2 ft.			2	28½	50	"
28	1943/16	am	sandy		2 ft		1		17	60	"
29	1943/16	am	salmon		2½ ft.		1	1	27½	75	"
30	pm 1943/16	pm.	d. red		1 ft.			2	37	100	"
31	1943/16	am.	salmon		"			2	28	80	"
32	pm 1943/16	pm.	d. red		"		1	2	44'	165	"


Coeff. 10,
Coeff. 5.9
Coeff 5.4

No.	Date	Trick	Station	Seal	Ht. ft	No 24-2	No 1-R	Total	ft.	Year
33	1943/16	f. sm.	salmon dry		2 ft. 40°		2	32½	100	29
34	"	"	" "		1½ ft. "		2	25	75	"
35	"	sm.	brushy "		2 ft. "		2	42	140	"
36	virgin	sm.	dark "		3½ "	1	2	36	240	" †
37	p.m.	kn. ft	salmon "		" "	2	2	54½	210	"
38	p.m.	roughish	"		" "	2	2	64	260	"
39	"	"	" "		3 ft. 40°	2	2	60	270	"
40	virgin	sm.	dark "		3	1	1	24	60	"
41	"	"	"		3	1	1	20	25	"
42	p.m.	roughish	salmon		3		2	30	110	"
43	virgin	sm.	salmon		3		2	31	310	"
44	"		dark "		3		2	27	160	"
45	virgin	sm.	dark "		3	1	1	24	70	"
46	"	"	"		3	1	1	18	50	"
47	"	"	"		2½		1	12	40	"
48	p.m.	roughish	salmon		2½	3		40	220	"

Nom		Type	Lieu
27½	80		wm.
23	75		wm.
17	75		wm
12	50	V-cut	wm.
23½	80	pt spiral	E.HK.
15½	4-5		E. HK.
8½	30	V-cut	wm.
13	45	V-cut	wm.
10½	50	pt spiral	wm.
10	45	V-cut	wm.
23½	80	pt spiral	WHK.
19	75		WHK.
16	70		WHK.
27	75		WH
17	70		wm
14	65		wm.

sermembé
serm ambé

serrubik

Coeff 6.5

27 | 175 | 6.5 | 1662 | 1305

No	History	Tw. k	Stem	Peel.	Hl	→	No R-L	No L-R	Tot		
49	pm. 1st none	Rn. ff.	d. red		3		3		48½	110	11
50	pm.	rough	sal. mar.		3		2	1	48	70	11
51	"	"	"		3		1	1	29½	130	11
52	virgin	sm.	sandy		3			1	26	60	11
53	pm.	Rn ff.	salmon		3			3	42	90	11
54	pm.	ff. sm.	"		3		1	1	29	40	11
55	virgin	sm.	sandy		2½			1 1	21	60	4
56	"	"	"		3			1 1	24	20	4
57	"	"	"		3			1	15	10	4
58	pm.	fair	Salmon		3		1	1	20	70	4
59	pm.	ff.	"		3		2	1	44	100	4
60	pm.	smooth	sandy		3		1	1	28	120	4
61	virgin	"	"		3			2	28	150	4
62	pm.	ff.	Salmon		3		3		45	160	4
63	"	"	"		3		2		28½	100	4
64	"	"	"		3		2		27	175	4

20	75	prosimal	wm.
10	50	V-ant	wm.
9	45	V-ant	wm.
9	45	V-ant	wm.
29 1/2	90	proximal	wm.
14 1/2	40		wm.
21	75	V-ant 1/p space	wm.
14	65	2 p1 spurs	wm.
10	60	V-ant	wm.
24	70	p1 spur	wm.
17	55		wm.
22	60		wm.
28 1/2	90	V-ant 1/p1 spur	wm.
19 1/2	50	p1 spur	wm.
23 1/2	65		wm.
	40		wm.

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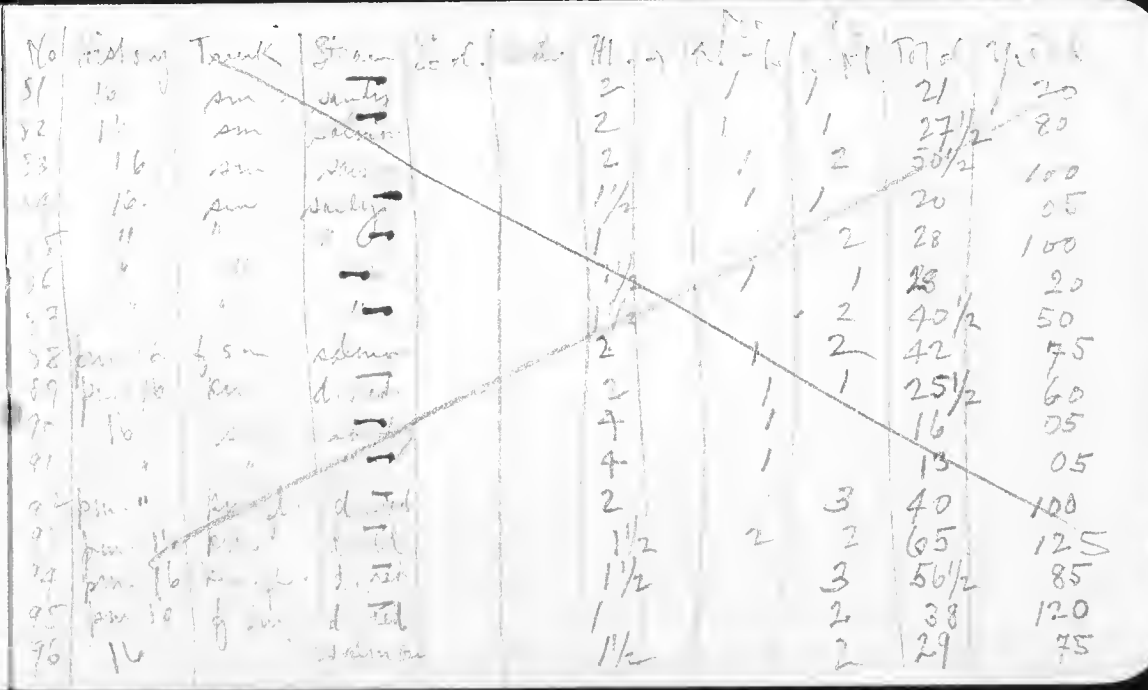
Coeff. 5.6

No	History	Trunk	Stem	Col.	Date	Ht.	No 4	No 5	No 6	No 7	No 8	No 9
65	1943/16	pm.	pendy	dry	29	½ft			3	44	200
66	"	pm.	pendy		"	1½ft		1	1	30½	05
67	"	"	"			1ft		1	1	20	25
68	"	"	"			10		1	1	24½	30
69	pm.	d. red	kn			1ft		2	2	41	160
70	1943/16	pm.	pendy			8		1	1	28	50
71	pm.	purple	sclmm			"		1	2	29½	90
72	1943/16	pm.	pendy			1½ft			2	28	50
73	1943/16	pm.	pendy			1ft		1	1	24	50
74	pm. 1943/16	kw	sclmm			1½ft			2	29	25
75	pm 16	f. pm	pendy			1ft			2	29	55
76	1943/16	pm.	pendy			1ft		1	2	40	225
77	pm 16	purple	sclmm		29	½ft	2	1	2	36	275
									1	30	125
78	pm 16	kw	d. red			1½ft		1	2	41	60
79	pm 16	purple	d. red			1½		3		49½	200
80	16	pm.	pendy			3		1	1	24	10

	inches	c.c.
sunfish	806	1760
bullhead	344.5	1385
d. red	1059	3105
salmon	1238	4175

Lures	Alt	Type cast	Water
9½	30	V-cast	warm
16	65		warm
23½	75		warm
7	35	V-cast	warm
14	50		warm
11	35	V-cast	warm
15	50		warm
23	70		warm
23	75		warm
6	30		warm
8	35		"
30	85		"
24	45		"
12	80		"
5½	70		"
16	60		"



Feb 9 4

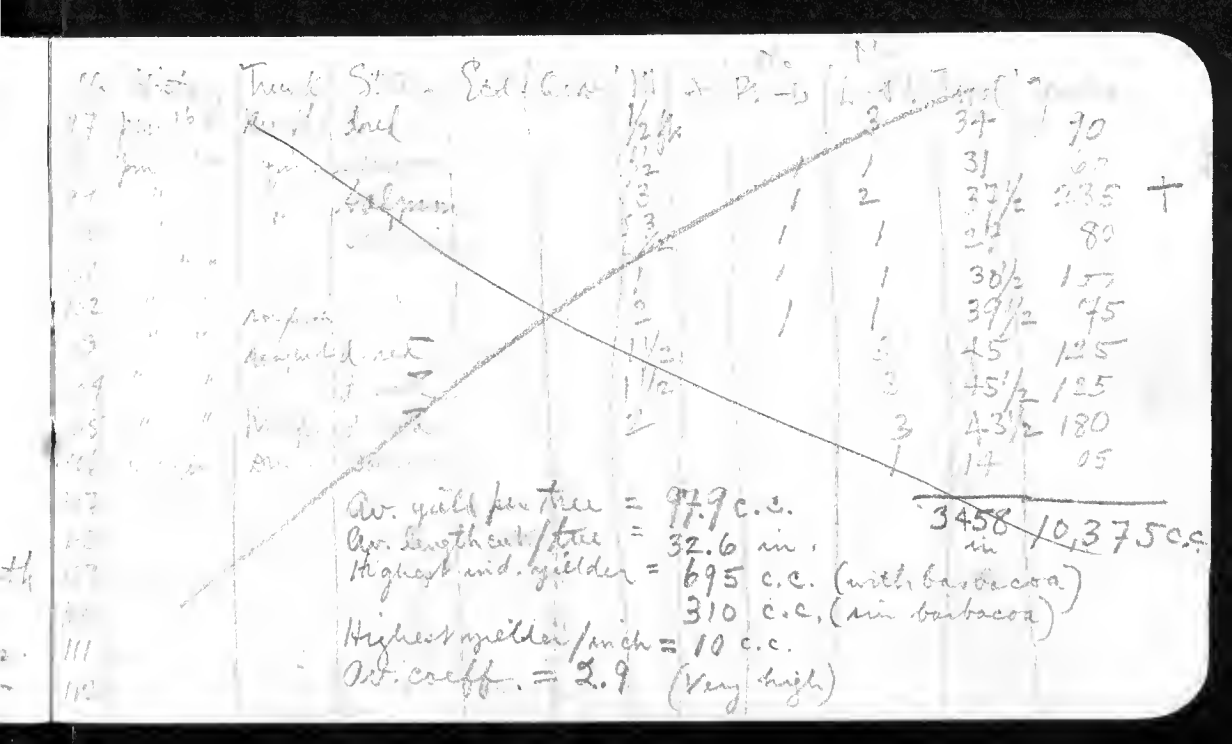
Coeff. 6.3

Drain	Alk	Type cut	Color
29½	65		Wm
16	45		Wm
21	65		Wm
15	55		"
14	65		Wm
13	85		Wm
24½	75		Wm
24½	80		Wm
25½	70		Wm
11	55		Wm
1851.5			

This catch also is exceptionally good quality. The yield is increased by the presence of two cuts, but on the other hand, the % of the circ. cut is very low.

Av. drain = 17.4 in.
Av. circ. = 54.6 in
Av. % circ. cut = 59.6%

sandy	33	33	31%	Booth
salmon	35			
& red	27	73	69%	Bros.
brick	11			


Av. yield per tree = 97.9 c.c.
Av. length cut/tree = 32.6 in.
Highest ind. yielder = 695 c.c. (with barbacoa)
310 c.c. (no barbacoa)
Highest yielder/inch = 10 c.c.
Ext. coeff. = 2.9 (Very high)
3458 in
10,375 c.c.

Catalina I. Mapping Expedition — Tuna Fleet

Nov. 8, 1919.

On Nov. 11 the Seagull ran 10,100 a.a. from Blue Canyon to Catalina.

Beam	Sqs.	Type cut	Color
17½	60	2V	wm.
18	60	2V.	wh&k
12½	56	1V	wm
22	70	1V	wh&k
11½	45	1V	wh&m.
8	40	1V	wh&m.
24½	60	4V	wh&k.
16½	45	2V	wm.
17	60	1V	wm.
16	55	2V	wm.
19½	60	{2V 1pl 2p	wm.
30	75	{2V 2pl 4p	C.M
14	60	{2V 1pl 5p	wm.
7½	30	1V	wh&m.
29	75	{3V 3pl 3p	wh&k
22½	60	3V	wm.

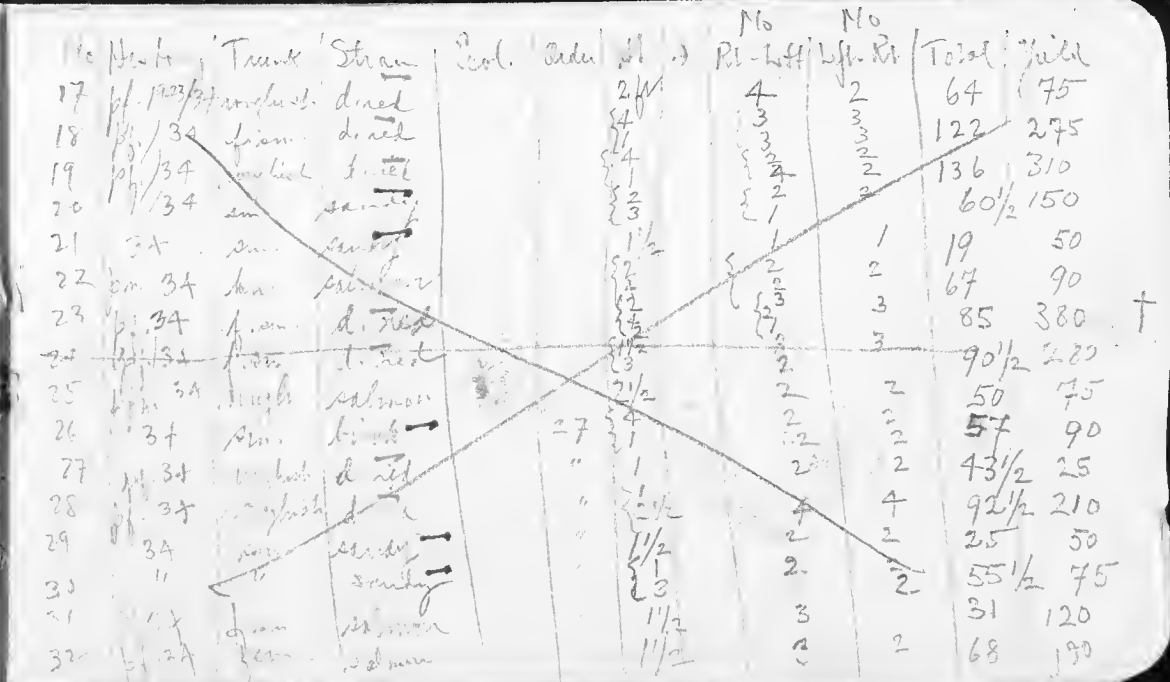
No.	Hector	Trunk	Strain	Ecol.	Order	Ht.	♂	No Rt-L	No L-Rt	Total	Yield
1	ps 1943	conglut.	d. red	dy	32	Ht.	40	2	2	56	110
2	" 34	"	d. red		"	2½	"	2	2	42½	125
3	" "	sm.	d. red			2		1	1	29	25
4	ps. 34	sm.	d. red			2½		1	1	18	25
5	34	sm.	d. red			1½		1	1	29	30
6	"	sm	d. red			1½		1	1	20½	30
7	p.m.f. 34	sm.	d. red			2		4	4	92	130
8	p. 34	roughish	d. red			2		2	2	72½	125
9	p. 34	roughish	d. red			2		1	1	25½	50
10	p.m. "	rough	d. red			2		2	2	48½	50
11	p.m 34	sm.	d. red			1½		3	2	57½	80
12	p.m. 34	roughish	d. red			1½		4	2	111	250
13	p.m. 34	roughish	d. red			1½		3	2	51½	90
14	34	sm.	d. red			2		1	1	18	25
15	p.m. 34	sm.	d. red			1½		6	3	140	375
16	p.m. 34	sm.	d. red			1		3	3	72	90

Num	Act.	T	Leben
15	70	2 V	wm.
20	75	2 V 1 sp.	erkennt
28	80	3 V	sehr
15½	55	4 V 2 pl sp	
9½	30	2 pl sp.	wm.
17½	50	1 V	wm.
25	80	2 V	wm.
24	80	2 pl sp.	wm.
		3 V	
		2 M sp	wm.
		2 sp.	wthk.
1	60	2 V	wthk.
11½	50	2 V	wm.
15	50	2 V	wm.
28½	65	2 V	wm.
11½	40	1 V	wthm.
10	60	2 V 2 pl sp	wthm.
18	65	1 sp	wm.
23	70	2 V 1 pl sp	wm.

Bewth!

Sel 99 Cecil. 4.5

4.4
85 | 380
340
40.00
34
6 0



Sel	Alt.	Type cut	Latex	
13	55	2V 2 plisp	uniform	3
17	65	2V	wm.	3
10½	35	1V	wm	3
38	90	4V 2 plisp	cr. thk.	3
20	70	2V	cr thk.	3
16	70	2V	wm.	3
7½	35	1V	wm.	3
16	60	2V	wm.	4
18	65	2V	wm.	4
9½	35	1V	wm. uniform	4
13	55	2V	wm.	4
11	45	2V	wm	4
15½	30	2V	wm	4
28	85	2V 1V pl sp	wthk.	4
22	80	3V	c thk.	4
13½	50	2V	wm.	4

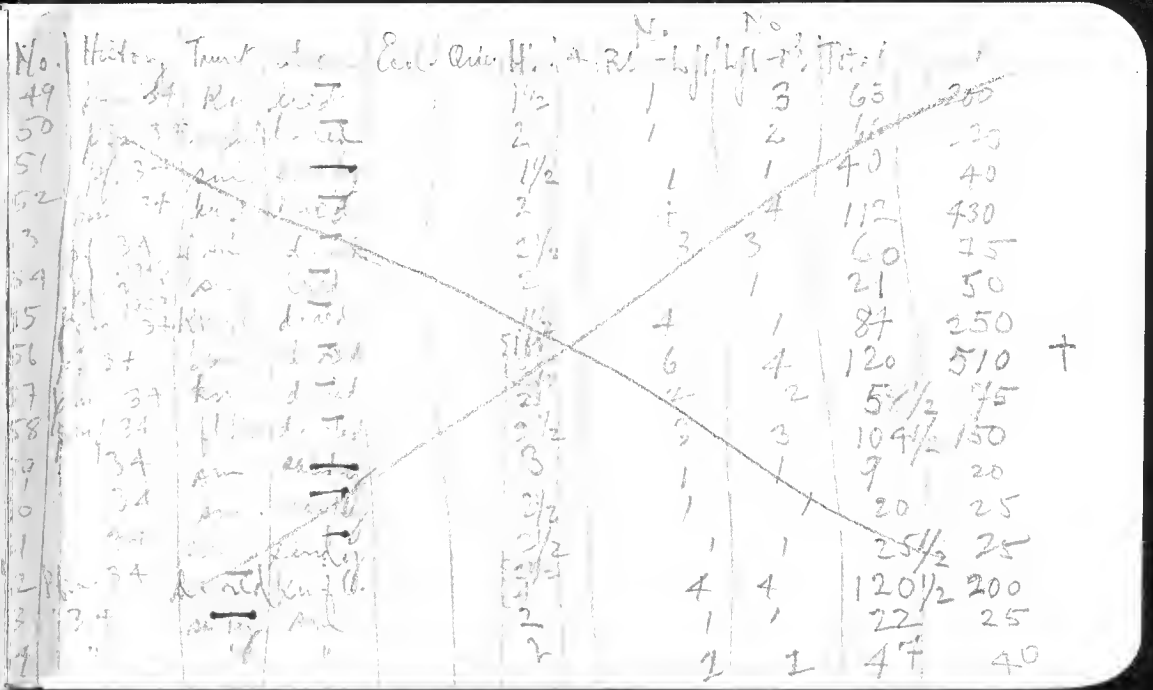
broken stump

with 3 fus-poles Coeff 4.9 Sel. 52

No	History	Trunk	Strain	Ecol	Date	Ht.	X	No Rt.	No Lft.	Total	yield
33	/27/	pn	brook		27	1½ / 3		2	2	62	60
34	p/m 37	kn	d. red			1		2	2	53	110
35	/ 34	pn	sand		32	1½		1	1	24½	50
36	p/ 34	l.	d. red		"	1½ / 3		4	4 / 2	153½	310
37	p. 34	l sm.	salmon		27	2		3	3	66½	75
38	p. 34	brook	salmon			1½		2	2	42	150
39	34	spr	br. tr			1½		1	1	14½	25
40	p. 34	br	palmer			1½		2	2	54	125
41	p/m 34	Rn	d. red			1		2	2	56	140
42	34	Sm	spark			2		1	1	25	25
43	p. 34	l sm.	salmon			1½		2	2	42	50
44	p. 34	l sm.	salmon			1½		2	2	25½	40
45	p. 34	l sm	salmon			2		2	2	49	125
46	p/m 34	Rn	l. red			1½ / 5		2	2 / 3	128	630
47	p/m 34	Rn	l. red			1½		3	3 / 1	64½	100
48	p/m 34	sn	pl tr			1½		2	2	44	60

Runs	Acts	Tons and Rig
26½	65	
33	85	
11		
28	75	
15½	60	
19	65	
32	85	
33	95	
19½		
32	85	
8½	30	
	30	
34	80	
9		
10	40	2 V

Coeff. 43



	medium	c.c.
sandy	568.5	705
brick	271.5	440
[illegible] red	3530.5	7965
salmon	690.5	1270

Drain	Alt.	Type cut	Label
7½	35	1V	[illegible]
27	75	4V	[illegible]
22	70	2V	[illegible]
27	75	3V	[illegible]
8½	40	1V	[illegible]
[illegible]	50	2V	[illegible]
15	60	2V	[illegible]
29	75	1V	[illegible]
15½	60	2V	[illegible]
24	70	3V	[illegible]
10½	35	1V	[illegible]
25	70	[illegible]	[illegible]
13	50	1V	[illegible]
10	40	1V	[illegible]
15	60	2V	[illegible]
10½	50	2V	[illegible]

No.	Hatching	Trunk	Stream	Ecol.	Qual.	Hr	X	No - L	No - Bl.	Total	Yield
65	34					2		1	1	18	05
66						2		4	4	106½	225
67						2		3	2	66	100
68						1½		3	3	104	225
69						1		1	1	24½	25
70						1		2	2	42	10
71						1½		2	2	42	75
72						2		1	1	14½	30
73						1½		2	2	51	30
74						1½		3	3	63¼	175
75						1½		1	1	22	25
76						5½		4	4	139	300
77						1		1	1	28	40
78	34					1		1	1	24	25
79						1		2	2	52½	100
80						1½		2	2	52	75

{dark red = 47
brick = 5
salmon = 14
sandy = 20} 66 brasil.

20 Benth

Drain	Dist.	Type cut	Labour
18	65	3V 2 3 p[illegible]	hrm
17½	55	2V	wm.
10	35	1V	wlle
15	55	2V	wm.
23	60	3V	wm
19	55	p[illegible]p.	wm.

Highest ind. yield → with bark. = 630 (Sel. 52)
→ without bark = 250

Highest coff 4.9 (Sel 52) Cf. former yield before barbacora.

drain 1558' in.

No.	History	Trunk	Stem	Seed	Circ.	Hh	X	No Rt. Lft	No Rt. Lft	Total	Yield
1	p 34	fem.	d. rel.			2		3	6	84	175
2	p 34	fsmo.	d. rel.			1½		2	2	49	100
3	34	am.	scanty			½		1	1	24	10
4	34	fem.	d. rel.			1½		2	2	56½	75
5	p 34	fem.	d. rel.			1½		3	3	97	160
6	p 34	fm.	salmon			2			3	27	100
7										5011.0 in	10,450 c.c.
8											
9	Av. yield / tree = 121.5 c.c.										
10	Av. cut / tree = 58.3 in										
11	Av. coeff. = 2.1 c.c.										
12	Av. diam = 18.1 in										
13	Av. circ. = 56.8 in										
14	Av. % diam. cut = 102.7%										
15											
16											

A very good strain as shown by 1) large no. of brazilensis and 2) coeff. of 2.1 c.c., but the great yield is gotten by cutting on diff. levels + thus more than the circumference!

(No danger. Bruce cut, however.)

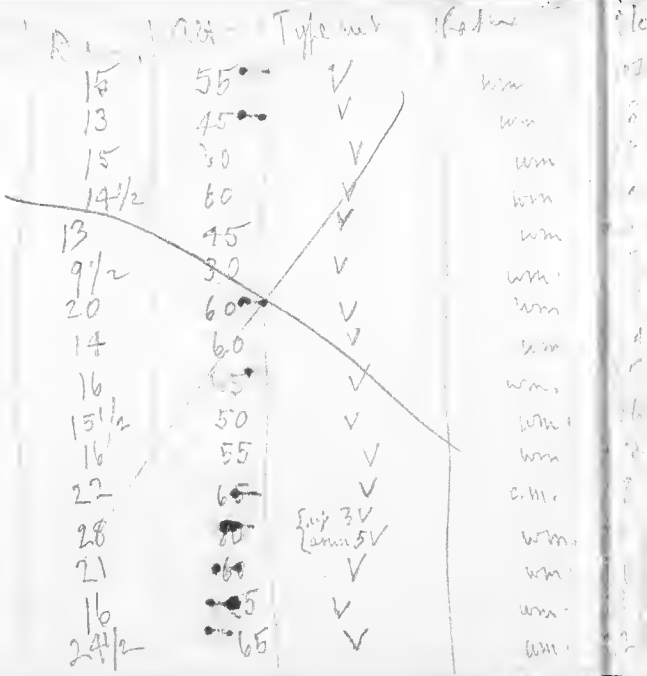
Nov. 10, 1922 Tuesday

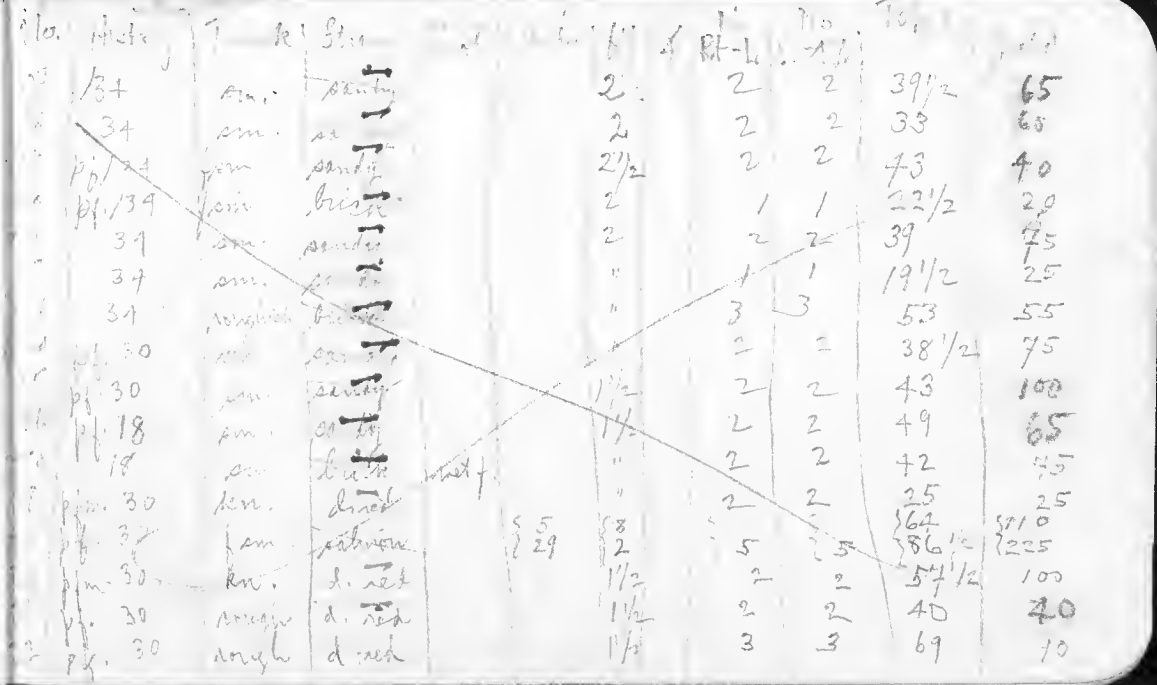
Copy 3:1

Grain	Wt	Tap	Set
14	55	V	with.
19	65	V	wm.
26	65	V	wm.
24	70	V	wm.
18	60	V	wm.
26	65	V	wm.
15½	50	V	wm.
17½	50	V	with.
12½	45	V	wm.
21½	70	V	wm.
23	70	V	wm.
15½	35	V	w thm.
10	35	V	w. thm.
8½	30	V	w thm.
9	30	V	withm.
8½	30	V	with.

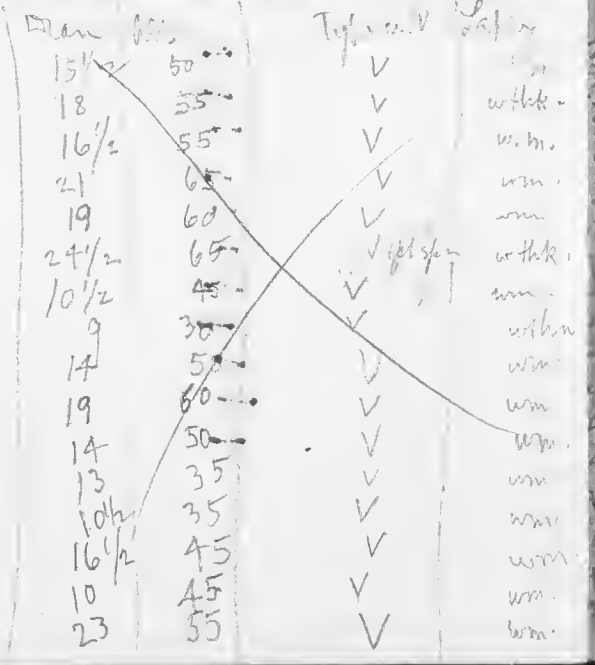
Benth.
Benth.
Benth.

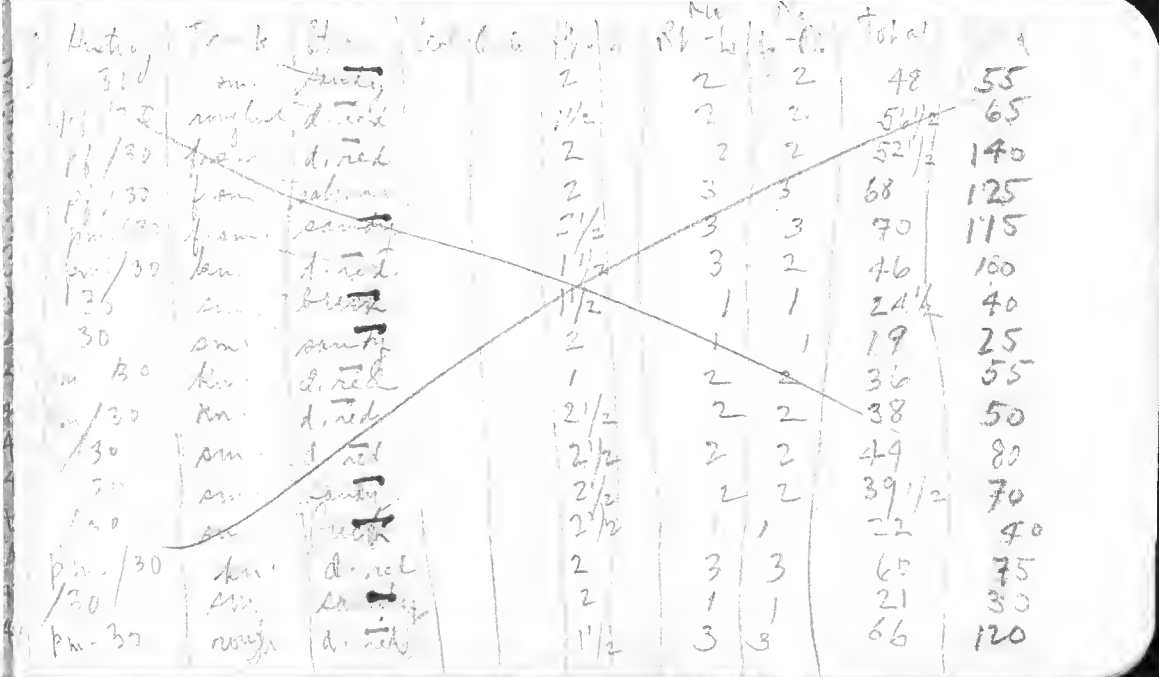
No	History	Trunk	Limbs	Col.	Cedar	Mix	No. Pl.	No. L.	No. RM	Total	Price
	1943: 30	sm.	[redacted]	dry	29	2½ 40	2	2	44		50
2	1943/30	sm.	black				2	2	46		50
	Pf./30	f. sm	palmons				3	3	69		170
	P./30	f. sm	d. red				3	3	72		225
	P./24	f. sm	d. red				2	2	43		25
	P./24	f. sm	d. red				3	3	70½		100
7	P./24	f. sm	black				2	2	42		50
8	P./30	f. sm	black			2	2	2	40½		80
9	P./24	f. sm	pr. T.			2½	2	2	34		55
10	P./30	f. sm	palmons			2	3	3	60		90
11	P./30	[illegible]	d. red			2	3	3	57½		80
12	P./24	[illegible]	[redacted]			2½	1	1	17½		30
13	/24	[illegible]	[redacted]				1	1	18		25
14	24	sm.	[redacted]				1	1	17		25
15	24	sm.	[redacted]				1	1	18		25
16	24	sm	[redacted]				1	1	14		30


Type wt
Remarks
Berth 1
15 55 V
13 45 V
15 50 V
14½ 60 V
13 45 V
9½ 50 V
20 60 V
14 60 V
16 55 V
15½ 50 V
16 55 V
22 65 V
28 80 Exp 3V Comm 5V
21 60 V
16 55 V
24½ 65 V



	in	c.c.
sandy –	803.5	1440
solution –	347.5	720
d. red –	1902.0	3405
brick –	630.5	865



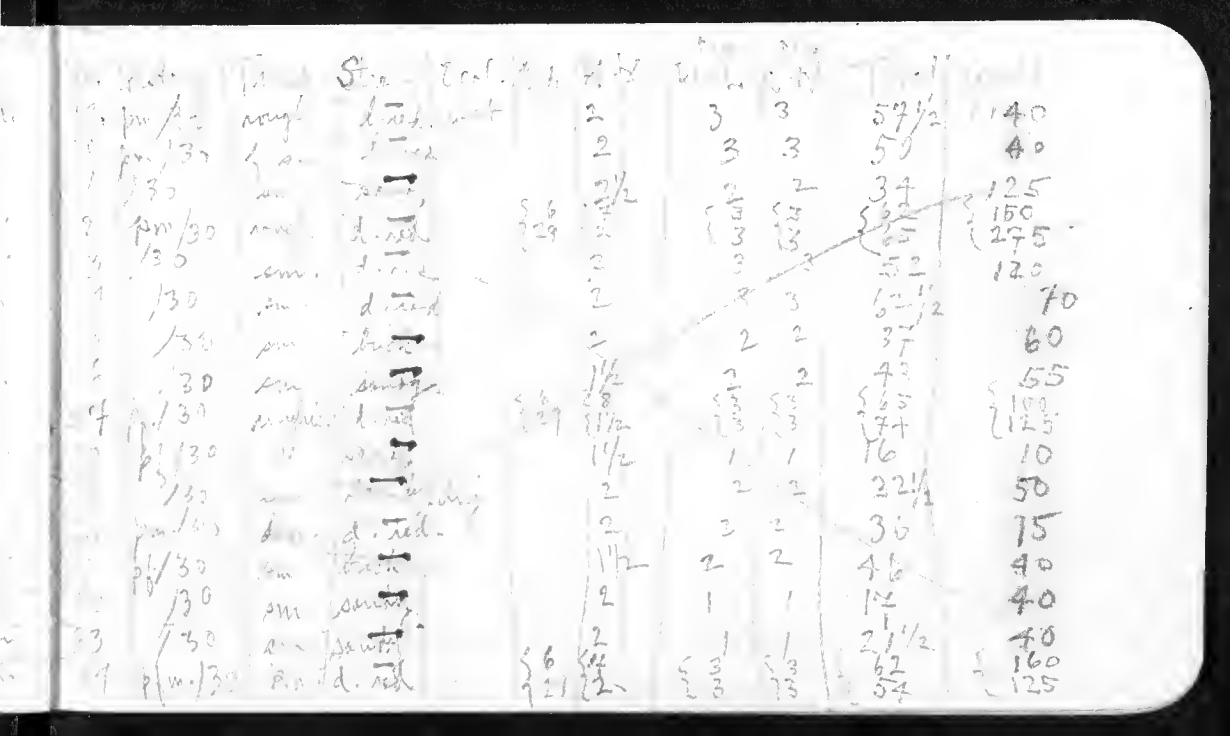


Not one reduction made.

Coeff. 3.3

Dental

24	70	V	
19	55	V	
13	60	V	
27½	80	V	
18½	65	V	
21½	80	V	
14	55	V	
15	50	V	
24½	70	V	
12½	35	V	
10	40	V	
14½	45	V	
14	55	V	
8½	45	V	
11	45	V	
30	80	V	



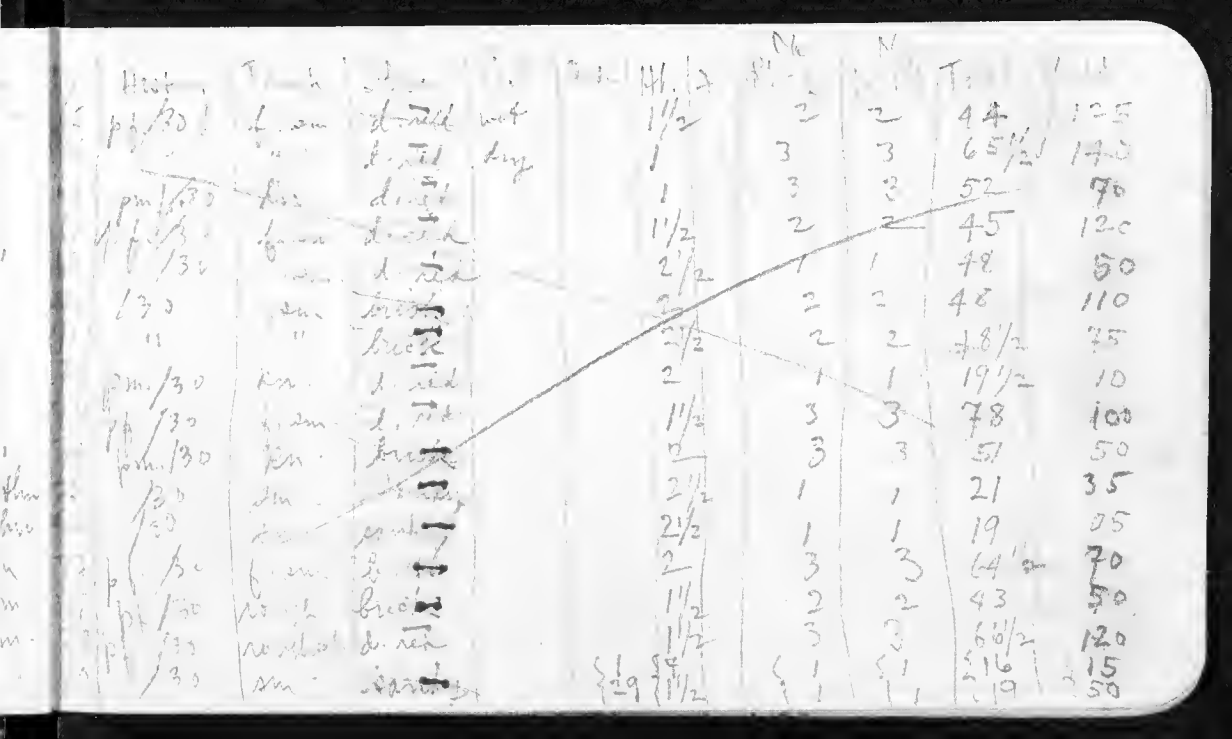
Totals:

Diam.	Inches cut	Yield
1348.0	3773.5	6,575
Aver. 16.9 in		

{ sander = 29 Beith.
salmon = 4
d. red = 32 } 51 braid.
brick = 15

Av. yield/tree = 89.7 c.c.
Av. cut/tree = 47.1 in
Av. coeff. = 1.7 c.c.
Av. diam. = 16.9 in
Av. circumf. = 53.1 in
Av. % diam. cut = 88.5%
Highest individ yielder → 2 Beiths = 425
→ 1 Beith (= 2255 (3.1))
Highest yield/in = 3.3 ← same

Diam	All			Latex
16	60		V	
26	65		V	"
23½	70	••	V	"
18	60		V	"
14½	55		V	"
17	60		V	"
17	55	•	V	"
18	50	••	V	"
24½	65		V	"
19	55	••	V	"
19½	45	•	V	"
10	40		V	"
20	70	••	V	"
15	50	••	V	"
20	65	••	V	"
16	50		V	"



Nov. 11, 1924.

Schedule of Transverse Tests

Transverse tests of specimens from Test No. 1 made at the Watertown Arsenal to determine the effect of annealing at different temperatures.

Tested in the Transverse Testing Machine, Watertown Arsenal.

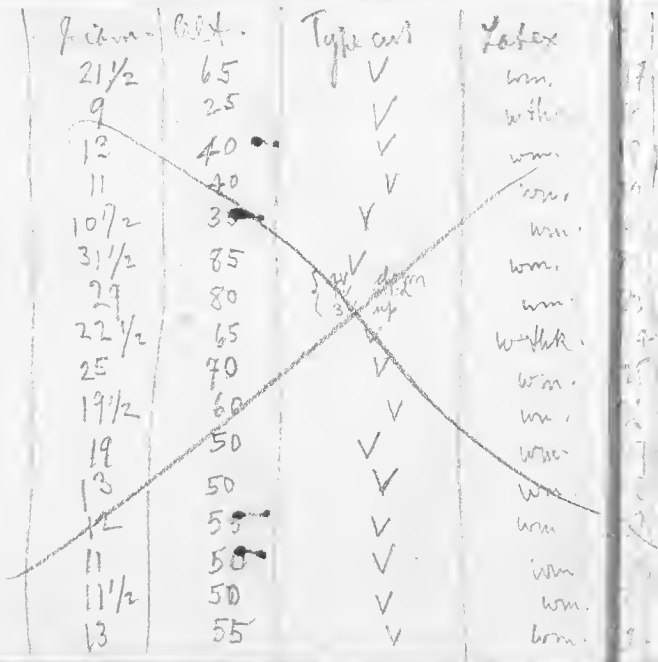
Tabulation.

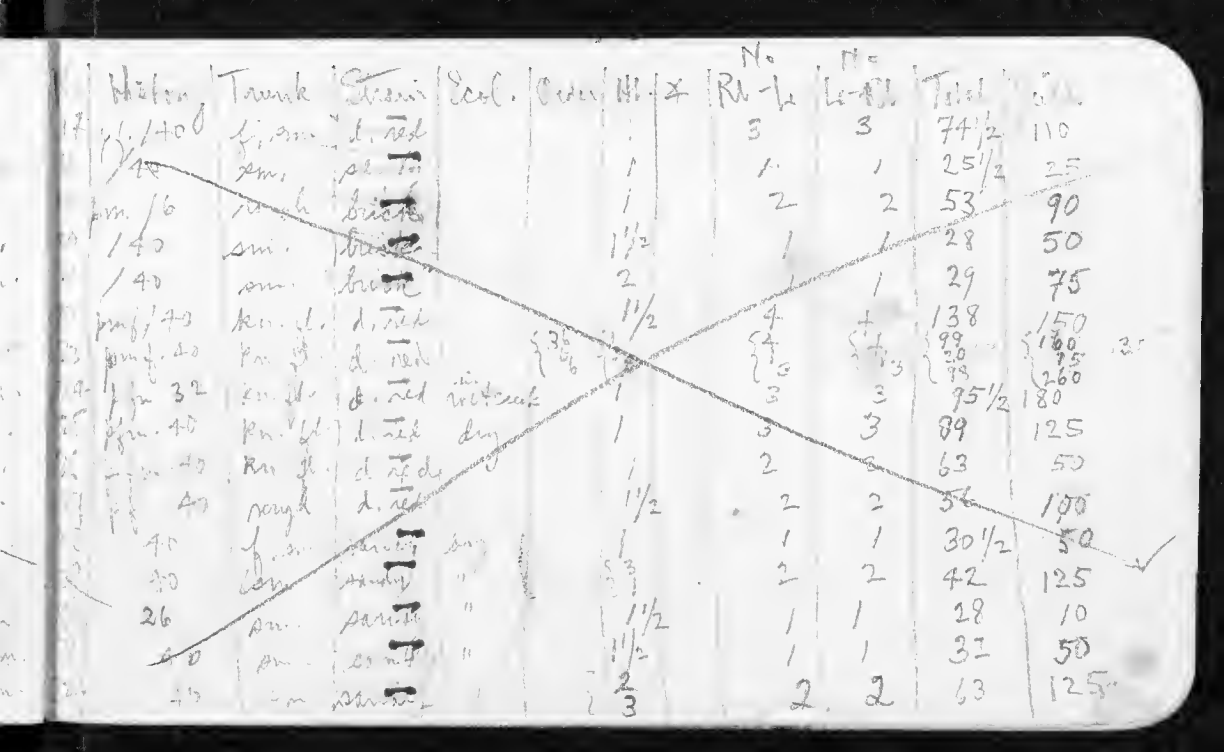
10 test pieces.

Test No.	Annealing Temperature	Deflection	Fracture	Character of Fracture
1	1600° F.	0.55	Vertical	Coarse
2	1650° F.	0.65	Vertical	Coarse
3	1700° F.	0.40	Vertical	Coarse
4	1750° F.	0.65	Vertical	Coarse
5	1800° F.	0.50	Vertical	Coarse
6	1850° F.	0.70	Vertical	Coarse
7	1900° F.	0.45	Vertical	Coarse
8	1950° F.	0.45	Vertical	Coarse
9	2000° F.	0.65	Vertical	Coarse
10	2050° F.	0.70	Vertical	Coarse
11	2100° F.	0.60	V-shaped	Coarse
12	2150° F.	0.65	Vertical	Coarse
13	2200° F.	0.40	Vertical	Coarse
14	2250° F.	0.55	Vertical	Coarse
15	2300° F.	0.90	3 V. 3 H. 4 V.	Coarse (ragged)
16	2350° F.	0.75	Vertical	Coarse

	Acct-	Tr.		Cond.							
1	pf. /46	sm.	salmon	dis	36	2½	45	2	2	41	75
2	pf. /46	rough	salmon			"		3	3	82½	80
3	pf. /46	sm.	trout			3		1	1	27	30
4	pf. /46	rough	salmon			2½		3	3	69	40
5	pf. 46	sm.	trout			2		1	1	27	40
6	pf. m/46	sm.	l. red			1		3	3	92	200
7	pf. 1943 m/46	rough	l. red			1		1	1	30½	30
8	pf. 1943/46	rough	l. red			1½		1	1	32½	25
9	pf. /46	l. sm	d. red			1½		3	3	74½	25
10	pf. /40	l. sm.	d. red			1		2	2	76	75
11	pf. /40	l. sm	d. red			1		2	2	68	50
12	pf. /42	rough	d. red			{2 1/2 1 1/3		3	3	93½	80
13	pf. /31	sm.	sa. tr.			{1 1/4 1 1/2		2	2	61	80
14	pf. /31		sm. tr.			2 1/2		1	2	42½	40
15	pf. /40	rough	d. red		{36 10	{1 1/2 8		{3 4	{6 4	{135 73	{340 170
16	pf. /40	rough	d. red			1		3	3	86	40

✓ 410 247


Stamp
Cuff 3
Q cam
Wt.
Type cut
Index
21½ 65 V wm.
9 25 V with
12 40 V wm.
11 40 V wm.
10½ 30 V wm.
31½ 85 V wm.
29 80 wm.
22½ 65 wm.
25 70 V wm.
19½ 60 V wm.
19 50 V wm.
13 50 V wm.
12 55 V wm.
11 55 V wm.
11½ 50 V wm.
13 55 V wm.



Coeff. 2.4

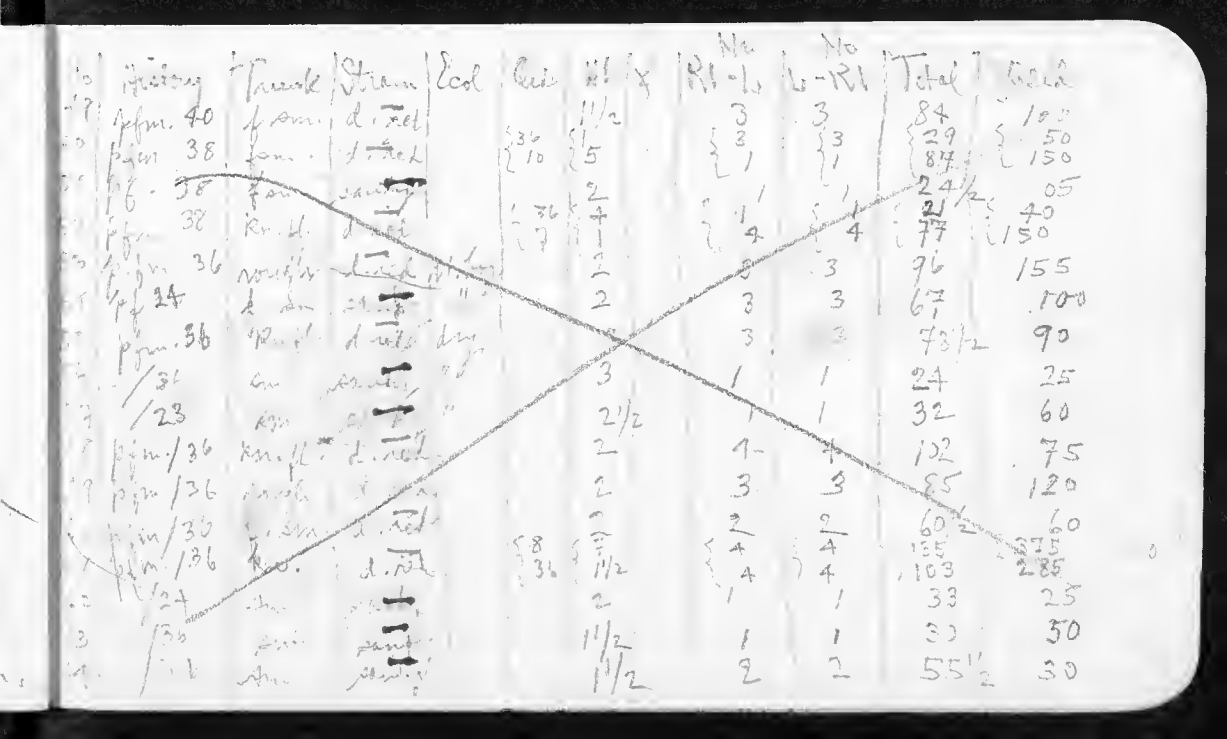
Sta	Dep	Type cut	Lakes
16½	55	V	wm
31	85	V	wm.
20	65	V	wm
8½	45	V	wm.
15½	55	V	wm.
34	80	V	w. thk.
22	65	V	wm.
19½	60	V	wm.
25½	70	V	wm.
10½	40	V	wm
17	60	V	wm.
28	75	V	wm.
15½	60	V	w. wm
11	40	V	w thk wm.
17½	60	V	wm.
21	65	V	wm.

Habs	Track	Area		Cen		No. Pl–L	No.	Total	Yield
[illegible] 40	rough	[illegible]	dry		1½	2	2	65	100
[illegible] 40	Kn. ll	d. red			1½	5	5	138	200
[illegible]	Kn	d. red			{1½ / 4	2 / 1	2 / 1	{[illegible]	{110 / 40
[illegible]	[illegible]	dusty			1½	1	1	20	50
40		[illegible]			1½	2	2	[illegible]	109
[illegible] /40	rough	d. red		{3 / 4	{2 / 8	[illegible]	[illegible]	{128	{210 / 410
[illegible] /40	Kn.	d. red			2	3	3	78	75
[illegible] /40	rough	d. red			1½	3	3	78	150
[illegible] /40	Kn.	d. [illegible]			{1 / 4	3	3 / 2	{96 / 42	{100 / 75
[illegible] /40	rough	s. dry			1½		1	31½	40
/40	rough	d. red			1½	2	2	65	75
[illegible] /23	Kn.	d. red			2	4	4	108	180
[illegible] /20	om.	[illegible]			2	2	2	56½	30
/23	om.	[illegible]			2	1	1	28	25
[illegible] 33	f. om.	[illegible]			1½	2	2	65	90
[illegible] /33	g. om.	d. [illegible]			1½	3	[illegible]	[illegible]	[illegible]

The great no of barbarous
names the % age of
Circumferina cut enormously.

	in	cc
sandy –	899	1255
salmon –	381	485
d'ined –	4339.5	6665
brick –	280.5	445

Dress	ACA	Type cut	Latex
22	60	✓	wm.
24½	65	✓	wm.
8½	40	✓	wm
22	70	✓	bm.
23½	65	✓	wm.
19	65	✓	wm.
25½	65	✓	wm
8½	45	✓	wm
11½	50	✓	wm.
24	65	✓	wm.
20	60	✓	wm
17	60	✓	wm.
27½	75	✓	wm.
14	55	✓	wm
10½	55	✓	wm
16½	60	✓	bm.



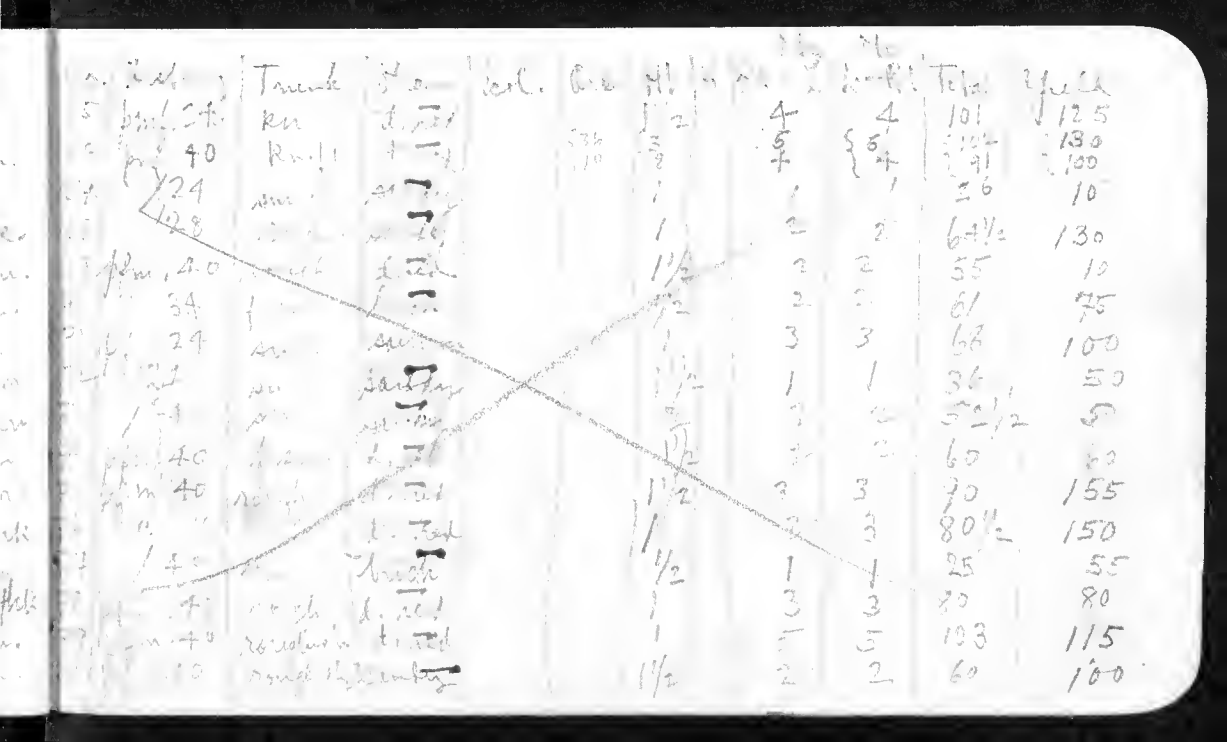
sanday = 23
salmon = 6
brick = 8
dead = 43
} 57 Beech.

Av. yield/tree = 110.4 c.c.
Av. cub/tree = 73.7 in.
Av. diam. = 18.8 in
Av. circumf = 59 in
Av. % of g. c. cub = 125% (see prev. page)
Av. coeff = 1.5 c.c.
Highest ind. yelder → 1 level = 300 (2.2)
→ 2 levels = 660 (2.7)

Highest yielder / inch = 3.0

Tools	Diam	cub inches	Yield
	1504.5	5896 in	8835 c.c.

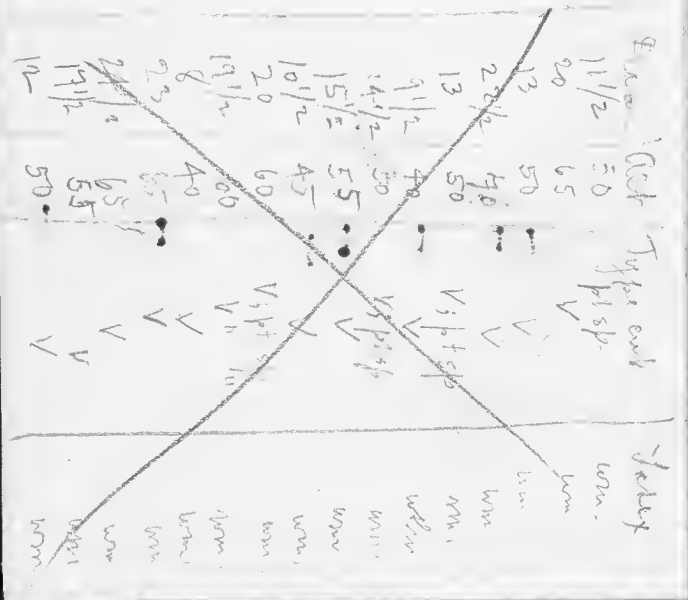
Tree	dist	Type cut	Colour
28	70	V	brn
36	80	V	brn.
10	40	V	rrn
16½	60	V	c.blk.
16	60	V	brn.
17	60	V	brn.
20	70	V	brn.
10½	40	V	rrn
14	55	V	rrn
15½	55	V	rrn
25	75	V	rrn
23	75	V	r.blk
10½	45	V	brn
25½	75	V	r.blk
35	70	V	brn.
16½	60	V	brn



Estrada y Pedroden
behind the house.

Tejeiros. Nov. 13, 1944.

Tapper sick, did not cut all trees.
A terrible extends full of cuna,
lianas, [illegible] dead-ends, etc. Also
extremely carelessly cut. If cut better
it would yield [illegible]. As
it is, the average is 1.9.



No.	Hist.	Trunk	Stream	Col.	Elev.	Ht.	X	R - L	L - R	Total	Vol.
1	1943/28	pn.	palmer	lig.	34	1/2	30	2		39	50
2	1/28	pine	palmer			1/2	40	2	2	68	90
3		pine	palmer			1		1	1	27	05
4	p 1/28	hem.	d. tree			1		3	3	74	130
5	p 1/28	pine	brick			1		1	2	37	30
6	1/28	pine	palmer		28	1		1	1	20	40
7	ring	pn.	palmer		24	1		1	2	49	115
8	1/28	pine	palmer			1		2	2	43	60
9	p 1/28	pine	d. tree			1		1	1	25 1/2	25
10	p 1/28	rough	brick			1		3	1	64	130
11	p 1/28	rough	palmer			1		3	3	62	190
12	p 1/28	pine	palmer			1		1	1	21	25
13	1/28	pn.	palmer			1		3	3	43	130
14	p 1/28	rough	palmer		3	5		3	3	67	200
15	p 1/28	rough	palmer		24	1		1	1	17	50
16	p 1/28	rough	palmer			1		2	2	21 1/2	150
17	p 1/28	pine	brick			1		2	2	31	50

	No.	in. cut	c.c.
[illegible] =	10	251.5	315
[illegible] =	14 [illegible]	821	1600
[illegible] =	8 } 33	605	1550
[illegible] =	11 }	461.5	775

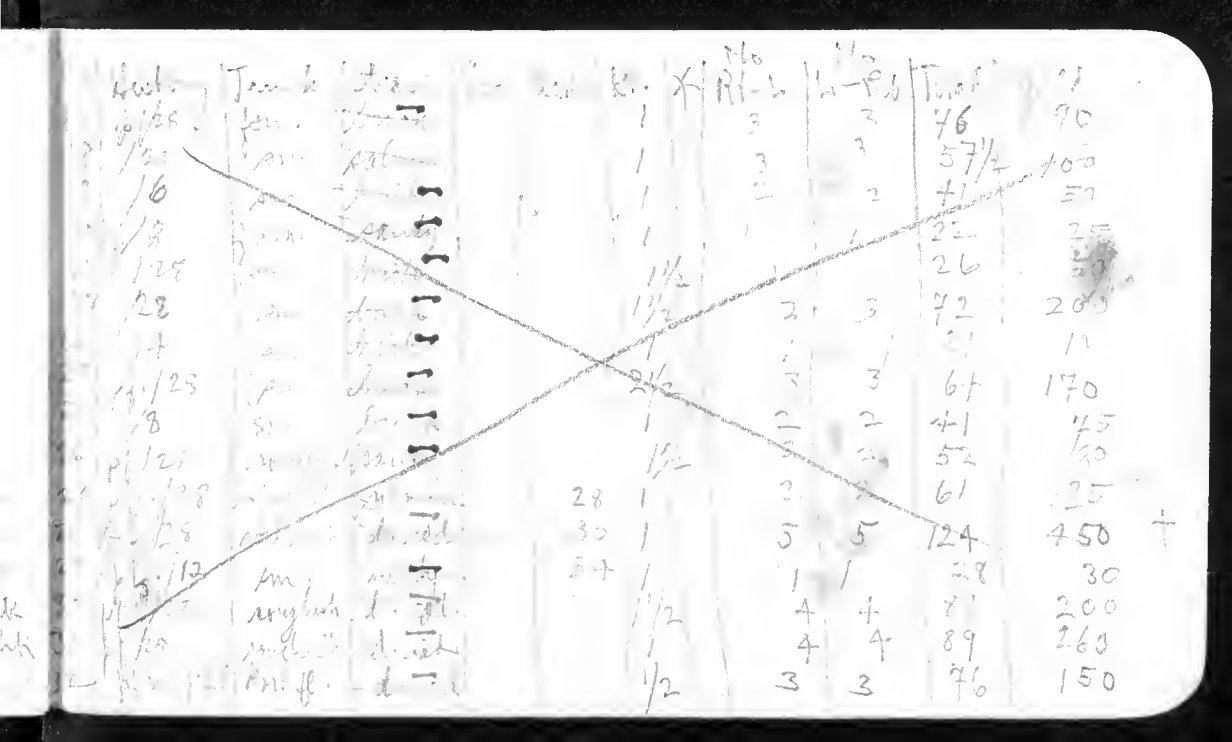
[illegible] forest [illegible]
[illegible]

Av. yield per tree = 98.6 c.c.
Av. cut per tree = 49.7 in.
Av. diam. = 16.6 in Av. circum = 52.1 in
Av. % circ. cut = 95.4
Av. coeff. = 1.9 (2.9)
Highest coeff. yield = 2 = 250 (X) [illegible] 1.9
→ 1 = 450 (3.6)

[illegible] 3.7 [illegible]

Highest coeff. = 3.7

Diam.	Cut	Type cut	Latex
25	75		wm.
12½	65	V	wm.
13	50	V	wm.
9½	40	V	wm.
10½	45	V	w.
22	70	V	w. flk.
9½	4[illegible]	V	wm.
20	65	V	wm.
19	50	V	wm.
17	60	V	w.
18	55	V	w.
33½	45	V	w. flk.
10½	30	V	[illegible]
[illegible]½	75	V	w. flk
30	65	V	w flk
24	60	V	wm.



Eds. 98 Chosen because of the thick cotey and the fact that it is the richest of the three shades on this side of Paperica which I have so far studied – they seem to run very low in outstanding tree have [illegible]

[illegible]

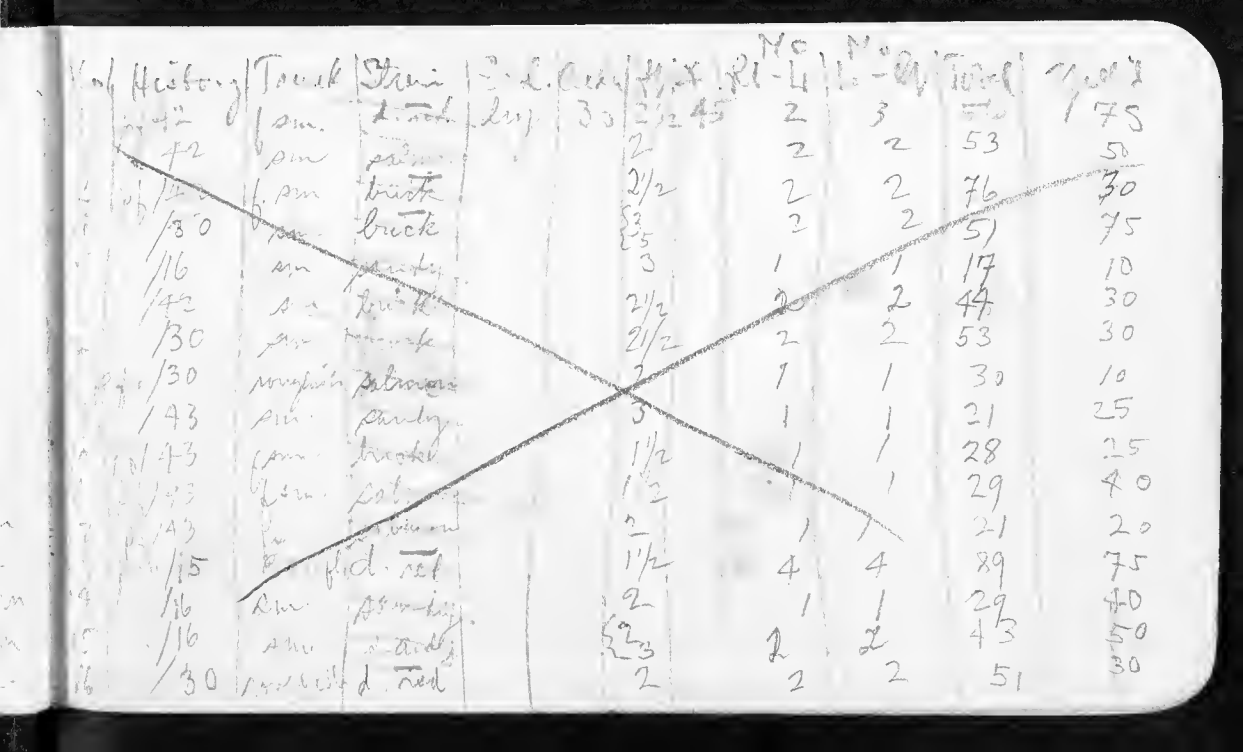
Drain	Alt	Type out	Later
24½	45	V	[illegible]
14	55	V	[illegible]
10	45	V	[illegible]
11½	45	V	[illegible]
11	45	V	[illegible]
12	40	V	[illegible]
15	50	V	[illegible]
13	45	V	[illegible]
9	40	V	[illegible]
12	40	V	[illegible]
20	60	V	[illegible]
714 in			

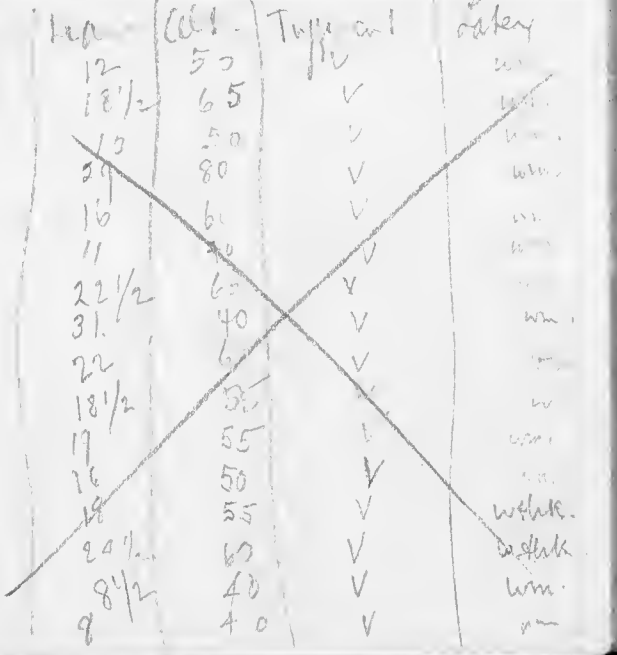
[illegible] good.

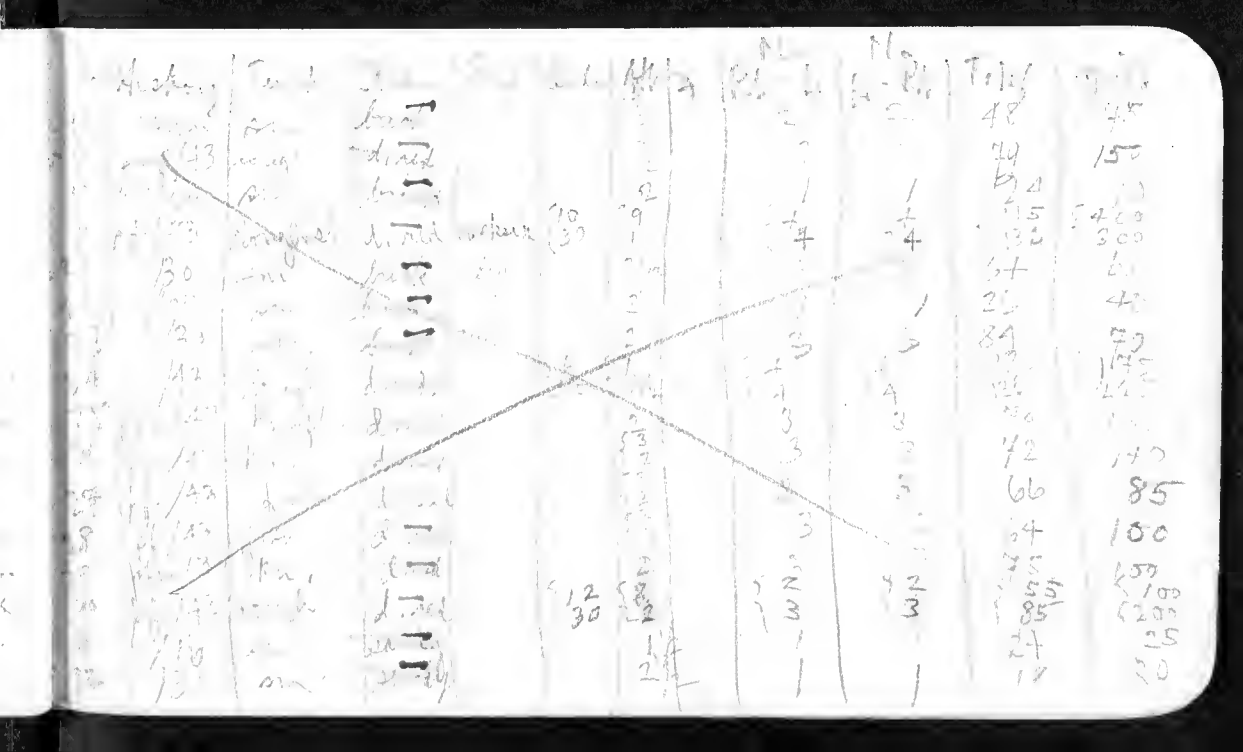
No	Author	Title	Imprint	Cost	Cam	pp	✗	No. R. – L	No. L – R	Total	Price
						2½		4	4	86	100
					30	1½		2	2	42	50
								1	1	17	25
								1	1	13½	20
								1	1	24	25
								1	1	30	25
						½		2	2	50	60
						½		2	2	48	35
					20			1	1	24	20
					20			1	1	27	25
					30			3	3	68	250
										2139	4240

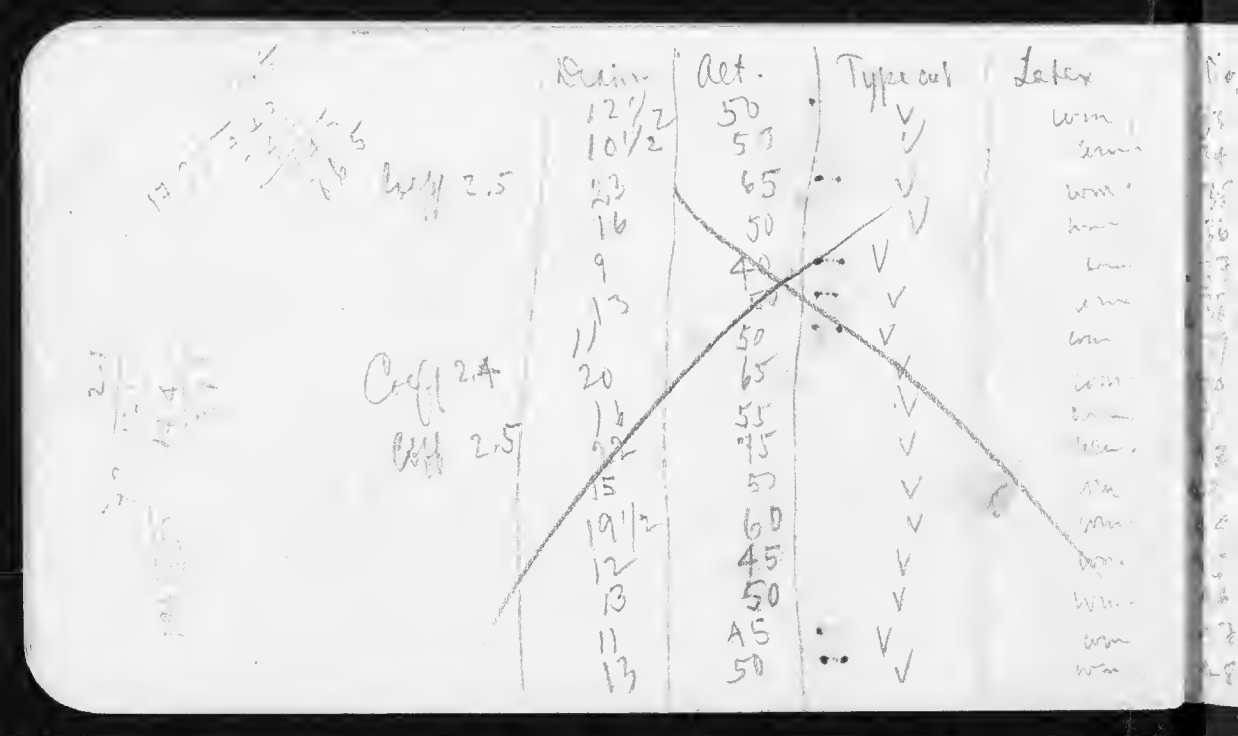
	in	c.c.
sandy –	251	315
d. red –	605	1550
salmon –	821	1600
brick –	461	775

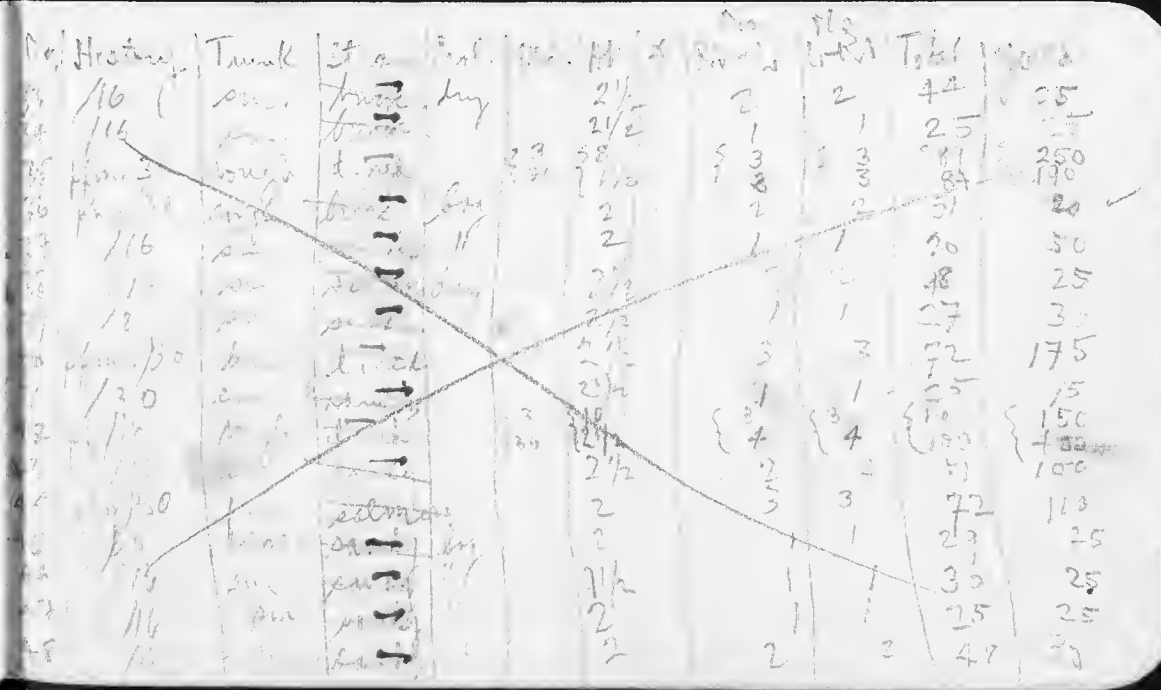
Finish	Cloth	Type cut	Latex
20	65	2V	
14 1/2	50	2V	
18	55	2V	
13	50	2V	
7 1/2	30	V	
12 1/2	55	V	
15	60	V	
16 1/2	55	V	
10 3/2	45	V	
11	35	V	
11	45	V	
10	45	V	
22	70	V	
11	45	V	
11	45	V	
16 1/2	60	V	



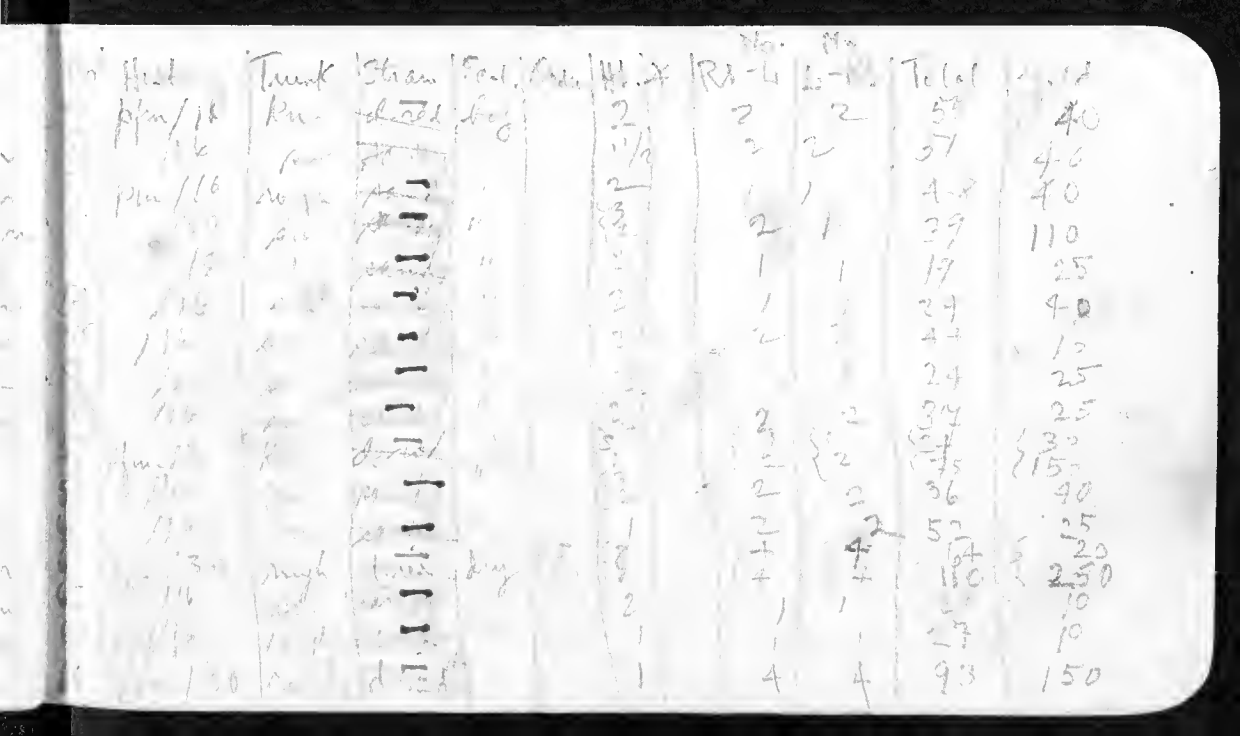

Lap
CO!
Typ
Datey
12
18½
31
22½
31.
22
18½
17
16
8½
9
V
wsh.
wm.




Rain
Act.
Typical
Later
12½
10½
23
16
9
11
20
15
19½
12
13
11
13
50
55
65
50
40
50
65
55
75
50
60
45
50
45
50
Coeff 2.4
Coeff 2.5



Acrylic	CCL	Typecast	Latex
20	60	V	
12	60	V	
12		V	
8	50	V	
6	35	V	
9 1/2	40	V	
17 1/2	50	V	
10	15	V	
13 1/2	45	V	
21	45		
11	45	V	
14	50	V	
30	35	V	
11	45	V	
10 1/2	45	V	
24	45	V	



22	65	V	
21	65	V	
33	85	V	
13	55	V	
8	40	V	
25 1/2	70	V	
19	55	V	
21 1/2	65	V	
19 1/2	60	V	
11 1/2	50	V	
9	45	V	
16	55	V	
15 1/2	50	V	
18	55	V	
20 1/2	65	V	

Cock 7.5

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R1 - UL	- [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			2	3	3	[illegible]	[illegible]
"	"	[illegible]	"		2	3	3	79	[illegible]
[illegible]	[illegible]	[illegible]		5 6	[illegible]	4	[illegible]	138	250
[illegible]	[illegible]	[illegible]			[illegible]	2	2	116	[illegible]
[illegible]	[illegible]	[illegible]			2			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			2	1		[illegible]	
30	[illegible]	[illegible]	"		2	2	3	86	75
[illegible]	[illegible]	[illegible]	"		2½	[illegible]	[illegible]	[illegible]	25
[illegible]	[illegible]	[illegible]	"		2½	[illegible]	3	75	75
[illegible]	[illegible]	[illegible]			2	1	1	[illegible]	25
[illegible]	[illegible]	[illegible]			2	[illegible]	[illegible]	[illegible]	140
[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			2		1	21	[illegible]
[illegible]	[illegible]	[illegible]			1½	2	1	55	50
[illegible]	[illegible]	[illegible]	"		2	2	2	[illegible]	45
[illegible]	[illegible]	[illegible]	"		1½	[illegible]	3	[illegible]	116
[illegible]	[illegible]	[illegible]			2½	[illegible]	[illegible]	[illegible]	[illegible]

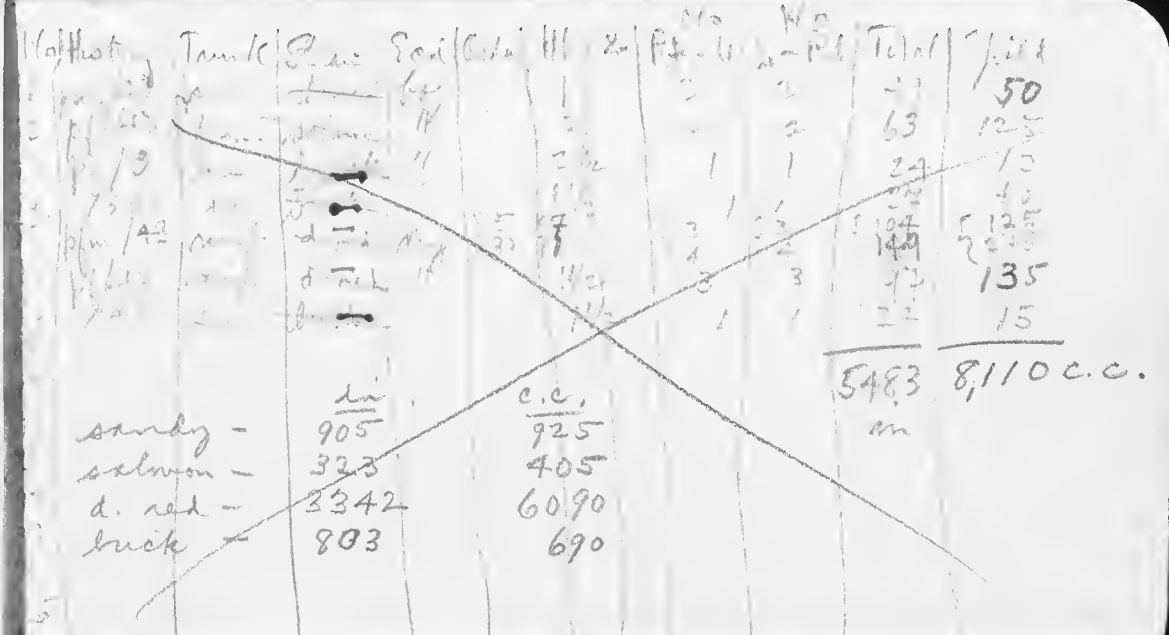
Av. yield / tree = 93.2 c.c
Av. cut / tree = 63 in
Av. drum = 15.9 in
Av. circ. = 49.9 in.
Av. % circ. cut = 126.2 %
Av. coeff. = 1.5 c.c.

	mat	c.c.
[illegible]	= 28	
[illegible]	= 7	
d. mat	= 32	
brick	= 20	

Drum	Alt.	Type cut	Later
15	53	V	[illegible]
16½	55	V	[illegible]
9	50	V	[illegible]
10½	3	V	[illegible]
31	0	V	[illegible]
26	40	V	[illegible]
6	47	V	[illegible]
1386 in			

Hyderabad yield → 2 l = 700 (2.8)
→ 1 = 200 (2.5)

Hyderabad coeff mat = 2.8



	in.	c.c.
sandy –	905	925
salmon –	323	405
d. red –	3342	6090
buck –	803	690

5483 m

8,110 c.c.

D. cin	Alt	Type cut	Lake

Number	Trunk Girth	Root Index	Ht.	RL-NL	LL-NL	Total	Yield